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ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS

Property of U. S. Patent Office

FOR THE YEAR

1906.



WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1908.

Property of U. S. Patent Office

REPORT

OF THE

COMMISSIONER OF PATENTS

TO CONGRESS,

FOR THE YEAR ENDED DECEMBER 31, 1906.

Laid before the House by the Speaker, February 10, 1907, referred to the Committee on Patents, and ordered to be printed.

DEPARTMENT OF THE INTERIOR,
UNITED STATES PATENT OFFICE,
Washington, D. C., January 24, 1907.

To the Senate and House of Representatives of the United States of America in Congress assembled:

In compliance with section 494 of the Revised Statutes I have the honor to submit the following report of the business of the Patent Office for the year ended December 31, 1906:

RECEIPTS.

Detailed statement of all moneys received for patents, for copies of records or drawings, or from any source whatever.

Applications:	
Cash received.....	\$1,561,608 00
Cash refunded.....	4,911 00
Net cash.....	1,556,697 00
Certificates of deposit.....	40,529 00
Total cash and certificates.....	1,597,226 00
Copies:	
Cash received.....	154,292 70
Cash refunded.....	10,147 10
Net cash.....	144,145 60
Certificates of deposit.....	534 48
Total cash and certificates.....	144,680 08
Recording assignments:	
Cash received.....	28,477 83
Cash refunded.....	1,297 83
Net cash.....	27,180 00
Certificates of deposit.....	118 00
Total cash and certificates.....	27,298 00
Subscriptions to Official Gazette:	
Cash received.....	15,261 41
Cash refunded.....	286 16
Net cash.....	14,975 25
Certificates of deposit.....	50 05
Total cash and certificates.....	15,025 30
Registration of prints and labels:	
Cash received.....	7,472 00
Cash refunded.....	888 00
Net cash.....	6,584 00
Certificates of deposit.....	108 00
Total cash and certificates.....	6,692 00
<i>Aggregates.</i>	
Cash received.....	1,767,111 94
Cash refunded.....	17,530 09
Net cash.....	1,749,581 85
Certificates of deposit.....	41,339 53
Total cash and certificates.....	1,790,921 38

EXPENDITURES.

Amounts expended under the several appropriations from January 1, 1906, to December 31, 1906.

Salaries.....	\$900,600 38
Scientific library.....	1,807 82
Transportation of publications to foreign countries.....	769 15
International Union for Protection of Industrial Property.....	685 15
Stationery.....	13,830 59
Postage on foreign matter.....	2,430 00
Furniture.....	6,287 29
Carpets, matting, and linoleum.....	1,137 48
Ice.....	455 42
Telephones.....	772 78
Washing towels.....	110 13
Sundries.....	7,367 58
Law library.....	340 00
a Official Gazette, (illustrations,) paid contractor, for six months, January 1 to July 1.....	37,562 80
Photolithographing, paid contractor.....	127,823 91
Printing and binding, paid Public Printer for Official Gazette, indexes, printing specifications, and miscellaneous work.....	442,920 72
Rent for storage of models.....	10,000 00
Total.....	1,554,891 20

RECEIPTS AND EXPENDITURES.

Receipts from all sources.....	\$1,790,921 38
Expenditures.....	1,554,891 20
Surplus.....	236,030 18

Statement of balance in the Treasury of the United States on account of the patent fund.

Amount to the credit of the fund January 1, 1906.....	\$6,190,991 68
Amount of receipts during the year 1906.....	1,790,921 38
Total.....	7,981,913 06
Deduct expenditures for the year 1906.....	1,554,891 20
Balance January 1, 1907.....	6,427,021 86

SUMMARY OF THE BUSINESS OF THE PATENT OFFICE.

Applications for patents for inventions.....	55,471
Applications for patents for designs.....	806
Applications for reissues of patents.....	205
Total.....	56,482
Caveats filed.....	1,885
Applications for registration of trade-marks.....	8,493
Applications for registration of labels.....	844
Applications for registration of prints.....	419
Disclaimers filed.....	9
Appeals on the merits.....	1,390
Total.....	13,040
Applications, etc., requiring investigation and action.....	10 602
Patents issued, including designs.....	31,806
Patents reissued.....	159
Total.....	31,965
Trade-marks registered.....	10,568
Labels registered.....	709
Prints registered.....	656
Total.....	11,933
Patents expired during the year.....	23,360
Patents withheld for non-payment of final fees.....	5,021
Applications allowed awaiting final fees.....	10,800
Trade-mark applications passed for publication.....	11,756

^a The Official Gazette in its entirety has been produced by the Government Printing Office since July 1, 1906.

PATENTS ISSUED.

Patents issued to citizens of the United States, with the ratio of population to each patent granted.

States and Territories.	Patents and designs.	One to every—	States and Territories.	Patents and designs.	One to every—
Alabama.....	131	13,959	New Hampshire.....	81	5,081
Alaska.....	11	5,767	New Jersey.....	1,298	1,451
Arizona.....	37	3,322	New Mexico.....	28	6,974
Arkansas.....	120	10,929	New York.....	4,642	1,565
California.....	1,115	1,331	North Carolina.....	144	13,141
Colorado.....	383	1,409	North Dakota.....	85	3,753
Connecticut.....	845	1,074	Ohio.....	2,167	1,918
Delaware.....	49	3,770	Oklahoma.....	130	3,062
District of Columbia.....	236	1,180	Oregon.....	161	2,568
Florida.....	78	6,776	Panama.....	3	.....
Georgia.....	224	9,894	Pennsylvania.....	3,014	2,090
Hawaii.....	17	9,058	Philippine Islands.....	8	.....
Idaho.....	64	2,527	Porto Rico.....	3	.....
Illinois.....	3,107	1,551	Rhode Island.....	303	1,414
Indiana.....	782	3,192	South Carolina.....	74	18,110
Indian Territory.....	61	6,425	South Dakota.....	98	4,097
Iowa.....	691	3,258	Tennessee.....	356	7,901
Kansas.....	335	4,386	Texas.....	437	6,976
Kentucky.....	267	8,041	Utah.....	79	3,500
Louisiana.....	164	8,424	Vermont.....	87	3,949
Maine.....	151	4,598	Virginia.....	267	6,944
Maryland.....	303	3,927	Washington.....	327	1,583
Massachusetts.....	1,675	1,674	West Virginia.....	203	4,723
Michigan.....	952	2,541	Wisconsin.....	653	3,172
Minnesota.....	503	3,481	Wyoming.....	30	3,084
Mississippi.....	100	15,515	United States Army.....	7	.....
Missouri.....	957	3,246	United States Navy.....	8	.....
Montana.....	96	2,534	United States Revenue Service.....	1	.....
Nebraska.....	275	3,886	Total.....	28,335	.....
Nevada.....	12	3,527			

Patents granted to citizens of foreign countries.

Algeria.....	1	Netherlands.....	19
Argentina.....	5	Newfoundland.....	2
Austria-Hungary.....	133	New South Wales.....	26
Barbadoes.....	1	New Zealand.....	60
Belgium.....	61	Nicaragua.....	1
Brazil.....	6	Norway.....	19
British Guiana.....	1	Portugal.....	2
British West Indies.....	1	Queensland.....	7
Canada.....	461	Roumania.....	2
Cape Colony.....	3	Russia.....	28
Chile.....	4	Scotland.....	66
Cuba.....	8	Sierra Leone.....	1
Denmark.....	28	South Australia.....	9
England.....	852	Spain.....	6
France.....	314	Sweden.....	61
Germany.....	991	Switzerland.....	78
Guatemala.....	3	Tasmania.....	5
Haiti.....	4	Transvaal.....	38
India.....	5	Tunis.....	2
Ireland.....	15	Turkey.....	2
Italy.....	34	Venezuela.....	1
Jamaica.....	2	Victoria.....	58
Japan.....	11	Western Australia.....	6
Mexico.....	25		
Natal.....	3	Total.....	3,471

The following tables present a comparative statement of the business of the Patent Office since the enactment of the statute of 1836 and exhibit in detail the business of the Office during the last calendar year:

Comparative statement of the business of the Office from 1837 to 1906, inclusive.

Year.	Applica-tions.	Caveats filed.	Patents and re-issues.	Cash received.	Cash ex-pended.	Surplus.
1837.....			435	\$29,289 08	\$33,506 98	.....
1838.....			520	42,123 54	37,338 92	\$4,784 62
1839.....			425	38,019 97	34,543 51	3,476 46
1840.....	765	228	473	38,056 51	39,020 67	.....
1841.....	847	312	495	40,413 01	52,666 87	.....
1842.....	761	291	517	36,505 63	31,241 43	5,264 20
1843.....	819	315	519	35,315 81	30,776 96	4,538 85
1844.....	1,045	380	497	42,509 26	36,344 53	6,164 73
1845.....	1,246	452	503	51,076 14	39,395 65	11,680 49
1846.....	1,272	448	638	50,264 16	46,158 71	4,105 45
1847.....	1,531	533	569	63,111 19	41,878 35	21,232 84
1848.....	1,628	607	653	67,576 69	58,905 84	8,670 85
1849.....	1,955	595	1,077	80,752 78	77,716 44	3,036 34
1850.....	2,193	602	993	86,927 05	80,100 95	6,826 10
1851.....	2,258	760	872	95,738 61	86,916 93	8,821 68
1852.....	2,639	996	1,019	112,056 34	95,916 91	16,139 43
1853.....	2,673	901	961	121,527 45	132,869 83	.....
1854.....	3,324	868	1,844	163,789 84	167,146 32	.....
1855.....	4,435	906	2,013	216,459 35	179,540 33	36,919 02
1856.....	4,960	1,024	2,505	192,588 02	199,931 02	.....
1857.....	4,771	1,010	2,896	196,132 01	211,582 09	.....
1858.....	5,364	943	3,710	203,716 16	193,193 74	10,522 42
1859.....	6,225	1,079	4,538	245,942 15	210,278 41	35,663 74
1860.....	7,653	1,084	4,819	256,352 59	252,820 80	3,531 79

Comparative statement of the business of the Office from 1837 to 1906, inclusive—Continued.

Year.	Applica- tions.	Caveats filed.	Patents and re- issues.	Cash received.	Cash ex- pended.	Surplus.
1861.....	4,643	700	3,340	\$137,354 44	\$221,491 91	.....
1862.....	5,038	824	3,521	215,754 99	182,810 39	\$32,944 06
1863.....	6,014	787	4,170	195,593 29	189,414 14	6,179 15
1864.....	6,972	1,063	5,020	240,919 98	229,868 00	11,051 98
1865.....	10,664	1,932	6,616	348,791 84	274,199 34	74,592 50
1866.....	15,269	2,723	9,450	495,665 38	361,724 28	133,941 10
1867.....	21,276	3,597	13,015	646,581 92	639,263 32	7,318 60
1868.....	20,445	3,705	13,378	681,565 86	628,679 77	52,886 09
1869.....	19,271	3,624	13,986	693,145 81	486,430 74	206,715 07
1870.....	19,171	3,273	13,321	669,456 76	557,147 19	112,309 57
1871.....	19,472	3,366	13,033	678,716 46	562,091 64	116,624 82
1872.....	18,246	3,090	13,590	699,726 39	665,595 00	34,131 39
1873.....	20,414	3,248	12,864	703,191 77	691,178 98	12,012 79
1874.....	21,602	3,181	13,599	738,278 17	679,288 41	58,959 76
1875.....	21,638	3,094	14,837	743,453 36	721,657 71	21,795 65
1876.....	21,425	2,697	15,595	757,987 65	652,542 60	105,445 05
1877.....	20,308	2,809	14,187	732,342 85	613,152 62	119,190 23
1878.....	20,260	2,755	13,444	725,375 55	593,082 89	132,292 66
1879.....	20,059	2,620	13,213	703,931 47	529,638 97	174,292 50
1880.....	23,012	2,490	13,947	749,685 32	538,865 17	210,820 15
1881.....	26,059	2,406	16,584	853,665 89	605,173 28	248,492 61
1882.....	31,522	2,553	19,267	1,009,219 45	683,867 67	325,351 78
1883.....	34,576	2,741	22,383	1,146,240 00	675,234 86	471,005 14
1884.....	35,600	2,582	20,413	1,075,798 80	970,579 76	105,219 04
1885.....	35,717	2,552	24,233	1,188,089 15	1,024,378 85	163,710 30
1886.....	35,968	2,513	22,508	1,154,551 40	992,503 45	162,047 95
1887.....	35,613	2,622	21,477	1,144,509 60	994,472 22	150,037 38
1888.....	35,797	2,251	20,506	1,118,516 10	973,108 78	145,407 32
1889.....	40,575	2,481	24,158	1,281,728 05	1,052,955 96	228,772 09
1890.....	41,048	2,311	26,292	1,340,372 66	1,099,297 74	241,074 92
1891.....	40,552	2,408	23,244	1,271,285 78	1,139,713 35	131,572 43
1892.....	40,753	2,290	23,559	1,286,331 88	1,110,739 24	175,592 59
1893.....	38,473	2,247	23,769	1,242,871 64	1,141,038 45	101,833 19
1894.....	38,439	2,286	20,867	1,187,439 58	1,100,047 12	87,392 46
1895.....	40,680	2,415	22,057	1,245,246 93	1,106,389 49	138,857 44
1896.....	43,982	2,271	23,373	1,324,059 83	1,113,413 71	210,646 12
1897.....	47,905	2,176	23,794	1,375,641 72	1,122,843 13	252,798 59
1898.....	35,842	1,659	22,267	1,137,734 48	1,136,196 20	1,538 28
1899.....	41,443	1,716	25,527	1,325,457 03	1,211,783 73	113,673 30
1900.....	41,980	1,731	26,499	1,350,828 53	1,260,019 62	90,808 91
1901.....	46,449	1,842	27,373	1,449,398 16	1,297,385 64	152,012 52
1902.....	49,641	1,851	27,886	1,552,859 09	1,393,345 54	159,513 54
1903.....	50,213	1,771	31,699	1,642,201 81	1,448,645 81	193,556 00
1904.....	52,143	1,808	30,934	1,657,326 53	1,476,000 38	181,326 15
1905.....	54,971	1,896	30,399	1,806,753 14	1,479,633 22	327,124 92
1906.....	56,482	1,885	31,965	1,790,921 38	1,554,891 20	236,030 18

Statement showing the number of the first patent, design patent, and reissued patent, and the number of the first certificate of registration of a trade-mark, label, and print issued in each calendar year since July 28, 1836, when the present series of numbers of letters patent commenced, together with the total number of each issued during the year.

[The number of patents granted prior to the commencement of this series of numbering (July 28, 1836) was 9,957.]

Calendar year.	Number of first patent and certificate issued in each calendar year.						Number of patents and certificates of registration issued during each calendar year.							
	Patents.	Designs.	Reissues.	Trade-Marks.	Labels.	Prints.	Patents.	Designs.	Reissues.	Total patents.	Trade-Marks.	Labels.	Prints.	Total certifi- cates.
1836 (July 28)	1						109							
1837	110						436							
1838	546		1				515		6					
1839	1,061		7				404		13					
1840	1,465		20				458		10					
1841	1,923		30				490		6					
1842	2,413		36				488		13					
1843	2,901	1	49				494	14	11	519				
1844	3,395	15	60				478	12	7	497				
1845	3,873	27	67				475	17	11	503				
1846	4,348	44	78				566	59	13	638				
1847	4,914	103	91				495	60	14	569				
1848	5,409	163	105				584	46	23	653				
1849	5,993	209	128				988	49	30	1,067				
1850	6,981	258	158				884	83	26	993				
1851	7,865	341	184				757	90	25	872				
1852	8,622	431	209				890	109	20	1,019				
1853	9,512	540	229				846	86	29	961				
1854	10,358	626	258				1,759	57	28	1,844				
1855	12,117	683	285				1,892	70	51	2,013				
1856	14,009	753	337				2,315	107	83	2,505				
1857	16,324	860	429				2,686	113	97	2,896				
1858	19,010	973	517				3,467	102	126	3,695				
1859	22,477	1,075	643				4,165	108	231	4,504				
1860	26,642	1,183	674				4,363	183	232	4,778				
1861	31,005	1,366	1,106				3,040	142	147	3,329				
1862	34,045	1,508	1,253				3,221	195	116	3,532				
1863	37,266	1,703	1,369				3,781	176	227	4,184				
1864	41,047	1,879	1,596				4,638	139	248	5,025				
1865	45,685	2,018	1,844				6,099	221	296	6,616				
1866	51,784	2,239	2,140				8,874	294	290	9,458				

Statement showing the number of the first patent, design patent, and reissued patent, etc.—Continued.

Calendar year.	Number of first patent and certificate issued in each calendar year.						Number of patents and certificates of registration issued during each calendar year.							
	Patents.	Designs.	Reissues.	Trade-Marks.	Labels.	Prints.	Patents.	Designs.	Reissues.	Total patents.	Trade-Marks.	Labels.	Prints.	Total certi- ficates.
1867.....	60,658	2,533	2,430				12,301	325	400	13,026				
1868.....	72,959	2,858	2,830				12,544	446	420	13,410				
1869.....	85,503	3,304	3,250				12,957	506	534	13,997				
1870.....	98,460	3,810	3,784	1			12,157	737	439	13,333				
1871.....	110,617	4,547	4,223	122			11,687	905	464	13,056				
1872.....	122,304	5,452	4,687	608			12,200	884	529	13,613				
1873.....	134,504	6,336	5,216	1,099			11,616	747	501	12,864				
1874.....	146,120	7,083	5,717	1,591	1		12,230	886	483	13,599				
1875.....	158,350	7,969	6,200	2,150	233		13,291	915	631	14,827	1,138			
1876.....	171,641	8,894	6,831	3,283	465		14,172	802	621	15,595	959			
1877.....	185,813	9,686	7,452	4,247	937		12,920	699	568	14,187	1,216			
1878.....	198,733	10,385	8,020	5,463	1,329		12,345	590	509	13,444	1,455			
1879.....	211,078	10,975	8,529	6,918	1,821		12,133	592	488	13,213	872			
1880.....	223,211	11,567	9,017	7,790	2,176		12,926	515	506	13,947	349			
1881.....	336,137	12,082	9,523	8,139	2,379	First Print registered Mar. 7, 1893.	15,548	565	471	16,584	834			
1882.....	251,685	12,647	9,994	8,973	2,581		18,135	861	271	19,267	947			
1883.....	269,820	13,505	10,265	9,920	2,885		21,196	1,020	167	22,383	902			
1884.....	291,016	14,528	10,432	10,822	3,791		19,147	1,150	116	20,413	1,021			
1885.....	310,163	15,678	10,548	11,843	4,304		23,331	773	129	24,233	1,067			
1886.....	333,494	16,451	10,677	12,910	4,695		21,797	595	116	22,508	1,029			
1887.....	355,291	17,046	10,793	13,939	5,073		20,429	949	99	21,477	1,133			
1888.....	375,720	17,995	10,892	15,072	5,453		19,585	835	86	20,506	1,059			
1889.....	395,305	18,830	10,978	16,131	5,780		23,360	723	75	24,158	1,229			
1890.....	418,665	19,533	11,053	17,360	6,099		25,322	886	84	26,292	1,415			
1891.....	443,987	20,439	11,137	18,775	6,403		22,328	836	80	23,244	1,762			
1892.....	466,315	21,275	11,217	20,537	6,540		22,661	817	81	23,559	1,737			
1893.....	488,976	22,092	11,298	22,274	None.		22,768	902	99	23,769	1,677	None.		
1894.....	511,744	22,994	11,397	23,951	Do.		19,875	928	64	20,857	1,806	Do.		
1895.....	531,619	23,922	11,461	25,757	Do.		20,883	1,115	59	22,057	1,829	Do.		
1896.....	552,502	25,037	11,520	27,586	6,546		10	21,867	1,445	61	23,273	1,813		
1897.....	574,369	26,482	11,581	29,399	6,547		42	22,098	1,631	65	23,794	1,671		
1898.....	596,467	28,113	11,646	31,070	6,561		58	20,404	1,803	60	22,267	1,238		
1899.....	616,871	29,916	11,706	32,308	6,761		93	23,296	2,139	92	25,527	1,649		
1900.....	640,167	32,055	11,798	33,957	7,272	193	24,660	1,758	81	26,499	1,721			
1901.....	664,827	33,813	11,879	35,678	8,009	286	25,558	1,734	81	27,373	1,928			
1902.....	690,385	35,547	11,960	37,606	8,887	445	27,136	640	110	27,886	2,006			
1903.....	717,521	36,187	12,070	39,612	9,654	603	31,046	536	117	31,699	2,186			
1904.....	748,567	36,723	12,189	41,798	10,644	873	30,267	557	110	30,934	2,158	1,114		
1905.....	778,834	37,280	12,299	43,956	11,758	1,170	29,784	486	129	30,399	4,490	830		
1906.....	808,618	37,766	12,428	48,446	12,588	1,529	31,181	625	159	31,965	10,568	709		

a Registration of labels practically suspended May 27, 1891, under decision of the United States Supreme Court in *Higgins et al. v. Keuffel et al.*, (55 O. G., 1139,) with the registration of No. 6,545, June 14, 1892. Resumed June 9, 1896, with the registration of No. 6,546.

Applications filed.

	Patents.	Reissues.	Caveats.	Designs.	Trade-marks.	Prints.	Labels.	Total.
1891.....	39,418	109	2,408	1,025	1,906	.....	698	45,564
1892.....	39,514	109	2,290	1,130	2,179	.....	7	45,680
1893.....	37,293	120	2,247	1,060	1,899	.....	401	43,020
1894.....	36,987	95	2,286	1,357	2,053	.....	371	43,149
1895.....	39,145	72	2,415	1,463	2,112	13	293	45,513
1896.....	42,077	77	2,271	1,828	2,005	36	59	48,353
1897.....	45,661	94	2,176	2,150	1,946	26	66	52,119
1898.....	33,915	84	1,659	1,843	1,796	50	316	39,663
1899.....	38,937	106	1,716	2,400	2,059	143	629	45,990
1900.....	39,673	82	1,731	2,225	2,099	127	943	46,871
1901.....	43,973	115	1,842	2,361	2,410	233	1,064	51,998
1902.....	48,320	151	1,851	1,170	2,602	266	1,121	55,481
1903.....	49,289	154	1,771	1,770	2,504	380	1,234	56,102
1904.....	51,168	157	1,808	818	2,524	397	1,335	58,207
1905.....	54,034	156	1,896	781	16,224	467	1,068	74,626
1906.....	55,471	205	1,885	806	8,493	419	844	68,123

Expenditures for photolithographing the Official Gazette since 1884-85.

Fiscal year.	Contractor.	Edition.	Pages.	Per page.	Cost.	Total cost.
1884-85.....	Norris Peters.....	6,500	5,040	\$7 86	\$39,614 40	\$39,614 40
1885-86.....	.....do.....	6,500	a 130 5,816	a 7 86 7 45	a 1,021 80 43,329 20	44,351 00
1886-87.....	.....do.....	6,500	5,620	7 45	41,869 00	41,869 00
1887-88.....	.....do.....	6,500	5,528	7 45	41,183 60	41,183 60
1888-89.....	.....do.....	6,500	5,906	7 45	43,999 70	43,999 70
1889-90.....	.....do.....	6,500	b 7,522 b 1,074	b 7 45 b 2 75	b 56,038 90 b 2,953 50	58,992 40
1890-91.....	.....do.....	7,000	b 7,488 b 5,702	b 7 45 b 2 75	b 55,785 60 b 10,180 50	65,966 10
1891-92.....	Norris Peters Co.....	7,000	7,110	7 45	52,969 50	52,969 50

Expenditures for photolithographing the Official Gazette since 1884-85—Continued.

Fiscal year.	Contractor.	Edition.	Pages.	Per page.	Cost.	Total cost.
1892-93.....	Norris Peters Co.....	7,000	7,234 b 16 b 16 b 364 6,040 c 849	\$7 45 b 3 00 b 3 50 b 2 75 7 45 c 5 30	\$53,893 30 b 48 00 b 56 00 b 1,001 00 44,998 00 c 4,499 70	\$54,998 30
1893-94.....	National Lithographic Co.....	7,000	c 554 6,668 b 6,856	----- 5 25 b 48	c 500 00 35,007 00 b 3,290 88	49,997 70 38,297 88
1894-95.....	Norris Peters Co.....	7,000	7,654	5 10	39,035 40 b 3,290 90	42,326 30
1895-96.....	A. B. Graham.....	7,000	7,936	4 50	35,712 00	35,712 00
1896-97.....	Norris Peters Co.....	7,000	7,794	5 10	39,749 40	39,749 40
1897-98.....	do.....	7,000	8,226	5 60	46,065 60	46,065 60
1898-99.....	do.....	7,000	9,838	5 60	55,092 80	55,092 80
1899-1900.....	do.....	7,000	9,936	6 25	62,100 00	62,100 00
1900-1901.....	do.....	7,000	10,656	6 25	66,600 00	66,600 00
1901-1902.....	do.....	7,000	12,018	6 25	75,112 50	75,112 50
1902-1903.....	do.....	7,000	13,466	6 25	84,162 50	84,162 50
1903-1904.....	Sackett & Wilhelms Lithographing & Printing Co.....	7,000	13,640	5 50	75,020 00	75,020 00
1904-1905.....	do.....	7,000	16,490	4 60	71,736 00	71,736 00
1905-1906.....	do.....	7,000	16,490	4 60	71,736 00	71,736 00

a First edition furnished at previous contract price, new contract not having been executed.

b Back numbers reproduced.

c Expired patents published.

d Estimated.

The Official Gazette for 1906-1907 is being published in its entirety by the Government Printing Office under an appropriation by Congress of \$130,000.

Expenditures for photolithographic and photographic work since 1884-85.

Fiscal year.	Contractor.	Price per page.				Total.	Official Gazette.	Grand total.
		Current issue.	Reproduction of exhausted copies.	Library edition.	Photographic copies.			
1884-85.....	Norris Peters.....	a \$1 61	{ \$1 58 j 1 00	{ t \$2 90	-----	\$78,671 99	\$39,614 40	\$118,286 39
1885-86.....	do.....	a 1 61	{ i 1 58 j 1 00	{ t 2 80	-----	84,940 19	44,351 00	129,291 19
1886-87.....	do.....	a 1 61	{ k 1 56 j 1 00	{ t 2 80	-----	79,509 57	41,869 00	121,378 57
1887-88.....	do.....	a 1 61	{ k 1 56 j 1 00	{ t 2 80	-----	77,907 96	41,183 60	119,091 56
1888-89.....	do.....	a 1 61	{ k 1 56 j 1 00	{ t 2 80	-----	83,284 54	43,999 70	127,284 24
1889-90.....	do.....	a 1 61	{ k 1 56 j 1 00	{ t 2 80	-----	101,292 67	58,992 40	160,285 07
1890-91.....	do.....	a 1 61	{ k 1 56 j 1 00	{ t 2 80	-----	110,998 97	65,966 10	176,965 07
1891-92.....	Norris Peters Co.....	b 1 57	{ k 1 56 j 1 00	{ t 2 80	-----	99,992 58	52,969 50	152,962 08
1892-93.....	do.....	{ b 1 55 c 1 49	{ k 1 56 j 1 00	{ t 2 80	-----	99,788 92	54,998 30	154,787 22
1893-94.....	National Lithographic Co.....	{ b 1 55 c 1 47	{ k 1 56 j 1 00	{ t 2 70	-----	94,911 33	49,997 70	144,909 03
1894-95.....	Norris Peters Co.....	{ b 1 01 c 96	{ i 1 14 l 94	{ t 1 95	-----	60,482 04	38,297 88	98,779 92
1895-96.....	A. B. Graham.....	{ d 1 0025 e 9775	{ k 735 l 93	{ u 1 10	-----	58,866 60	42,326 30	101,192 90
1896-97.....	Norris Peters Co.....	{ f 84 e 655	{ m 65 n 60	{ u 1 00	-----	58,960 78	35,712 00	94,672 78
1897-98.....	do.....	{ d 92 e 83	{ m 75 n 75	{ u 1 50	-----	68,999 28	39,749 40	108,748 68
1898-99.....	{ do..... *Annie C. Bell.....	{ d 1 005 e 885	{ o 72 n 78	{ u 1 60	{ v \$0 07 w 095 y 125 v 05 w 12 y 18 v 05 w 12 y 20 v 05 y 20 w 14 y 20 w 10 y 15	75,999 85	46,065 60	122,065 45
1899-1900.....	{ Norris Peters Co..... *Henry C. Yates & Co.....	{ g 995 e 885	{ p 70 n 78	{ u 1 60	{ w 12 y 20 v 05 w 12 y 20 w 14 y 20 w 10 y 15	98,999 90	55,092 80	154,092 70
1900-1901.....	do.....	{ g 1 08 h 1 03	{ q 80	{ u 1 75	{ w 12 y 20 v 05 w 12 y 20 w 14 y 20 w 10 y 15	108,999 54	62,100 00	171,099 54
1901-1902.....	do.....	{ g 1 08 h 1 03	{ q 80	{ u 1 75	{ w 12 y 20 v 05 w 12 y 20 w 14 y 20 w 10 y 15	108,999 55	66,600 00	175,599 55
1902-1903.....	{ Norris Peters Co..... *Charles Parker.....	{ g 1 08 h 1 03	{ q 80	{ u 1 75	{ w 14 y 20 w 10 y 15	123,842 76	75,112 50	198,955 26
1903-1904.....	{ Norris Peters Co..... *W. E. Oliver.....	{ g 1 08 h 1 03	{ q 80	{ u 1 75	{ w 10 y 15	129,999 97	84,162 50	214,162 47
1904-1905.....	{ Sackett & Wilhelms Litho- graphing & Printing Co..... *C. Parker.....	{ d 1 30 h 95	{ q 80 r 1 10 s 1 25	{ u 1 65	{ w 10 y 15	140,000 00	75,020 00	215,020 00

The following comparison between the receipts, expenditures, applications filed, issues of the Office, the printed copies sold, copies of records furnished, and the number of employees for the years ended, respectively, December 31, 1899, and December 31, 1906, illustrates the growth of the business of the Patent Office:

Class.	1899.	1906.	Increase.	Per-centage of in-crease.
Receipts.....	\$1,325,457.03	\$1,790,921.38	\$465,464.35	35.1
Expenditures.....	\$1,211,783.73	\$1,554,891.20	\$343,107.47	28.3
Applications and caveats filed.....	45,990	68,123	22,133	48.1
Letters patent, design and reissue patents granted, and trade-marks, labels, and prints registered.....	27,787	43,898	16,111	57.9
Printed copies of patents furnished.....	1,451,519	2,031,042	579,523	39.9
Price received.....	\$50,201.11	\$82,263.72	\$32,062.61	63.8
Words written in copies of records furnished.....	13,575,650	23,839,800	10,264,150	75.6
Number of employees.....	663	798	135	20.3

SUMMARY OF TABLES.

In 1906 there were received 55,471 applications for mechanical patents, 806 applications for design patents, 205 applications for reissues of patents, 8,493 applications for registration of trade-marks, 844 applications for registration of labels, and 419 applications for registration of prints. There were 31,806 patents issued, including designs, 159 patents reissued, and 10,568 trade-marks, 709 labels, and 656 prints registered. The number of patents that expired was 23,360. The number of allowed applications awaiting the payment of final fees was 10,800, and the number forfeited for non-payment of the final fees 5,021. The total receipts were \$1,790,921.38, the expenditures \$1,554,890.20, and the surplus of receipts over expenditures \$236,030.18. The total balance to the credit of the Patent Office in the Treasury of the United States on January 1, 1907, was \$6,427,021.86.

In proportion to population more patents were issued to citizens of Connecticut than to those of any other State—1 to every 1,074. Next in order are the following: District of Columbia, 1 to every 1,180; California, 1 to every 1,331; Colorado, 1 to every 1,409; Rhode Island, 1 to every 1,414; New Jersey, 1 to every 1,451; Illinois, 1 to every 1,551; New York, 1 to every 1,565; Washington, 1 to every 1,583; Massachusetts, 1 to every 1,674; Ohio, 1 to every 1,918; Pennsylvania, 1 to every 2,090; Idaho, 1 to every 2,527; Montana, 1 to every 2,534; Michigan, 1 to every 2,541; Oregon, 1 to every 2,568; Oklahoma, 1 to every 3,062; Wyoming, 1 to every 3,084; Wisconsin, 1 to every 3,172; Indiana, 1 to every 3,192; Missouri, 1 to every 3,246; Iowa, 1 to every 3,258; Arizona, 1 to every 3,322; Minnesota, 1 to every 3,481; Utah, 1 to every 3,500; Nevada, 1 to every 3,527; North Dakota, 1 to every 3,753; Delaware, 1 to every 3,770; Nebraska, 1 to every 3,886; Maryland, 1 to every 3,927; Vermont, 1 to every 3,949; South Dakota, 1 to every 4,097; Kansas, 1 to every 4,386; Maine, 1 to every 4,598; West Virginia, 1 to every 4,723; New Hampshire, 1 to every 5,081; Alaska, 1 to every 5,767; Indian Territory, 1 to every 6,425; Florida, 1 to every 6,776; Virginia, 1 to every 6,944; New Mexico, 1 to every 6,974; Texas, 1 to every 6,976; Tennessee, 1 to every 7,901; Kentucky, 1 to every 8,041; Louisiana, 1 to every 8,424; Hawaii, 1 to every 9,058; Georgia, 1 to every 9,894. The fewest patents granted in proportion to the number of inhabitants were in the following States: South Carolina, 1 to every 18,110; Mississippi, 1 to every 15,513; Alabama, 1 to every 13,959; North Carolina, 1 to every 13,141, and Arkansas, 1 to every 10,929.

As to foreign patents, 991 were granted to citizens of

Germany; 852 to those of England; 461 to those of Canada; 314 to those of France; 133 to those of Austria-Hungary; 78 to those of Switzerland; 66 to those of Scotland; 61 each to those of Belgium and Sweden; 60 to those of New Zealand; 58 to those of Victoria; 38 to those of Transvaal; 34 to those of Italy; 28 each to those of Denmark and Russia; 26 to those of New South Wales; 25 to those of Mexico; 19 each to those of the Netherlands and Norway; 15 to those of Ireland; 11 to those of Japan; 9 to those of South Australia; 8 to those of Cuba; 7 to those of Queensland; 6 each to those of Brazil, Spain, and Western Australia; 5 each to those of Argentina, India, and Tasmania; 4 each to those of Chile and Haiti; 3 each to those of Cape Colony, Guatemala, and Natal; 2 each to those of Jamaica, Newfoundland, Portugal, Roumania, Turkey, and Tunis; 1 each to Algeria, Barbados, British Guiana, British West Indies, Nicaragua, Sierra Leone, and Venezuela.

A statement of the condition of the examining divisions of this Office at the end of the year has always been made in the Commissioner's yearly report to Congress, and it is a pleasure to state that the condition of these divisions at the close of the year 1906 was excellent. A report of the condition of these examining divisions at the close of the calendar year always suffers by the absence of the Examiners, who during the last half of December take the balances of leave to which they are entitled for the whole of the year, and these absences cause some drag in the work of the divisions at the very end of the year. For instance, our work reports show that nearly one-third of the assistants occupied in the examination of applications were absent during the last week of the year.

If the condition of each examining division is stated by the date of the oldest amended application, our reports show that such oldest amended cases were taken up for action after the date of receipt of the amendments in the following periods:

Within 15 days by 14 divisions, from 15 days to 1 month by 16 divisions, and from 1 month to 56 days in 9 divisions.

The average time in which such oldest applications in the several divisions were taken up for action was 25.41 days. This statement, however, being based upon the oldest dates that can be found in the several examining divisions does not show in the best way the times within which cases pending in the divisions do, in fact, receive action. Such times may be shown by taking the dates of the several Examiners' desks in each division and averaging these dates. This process develops the fact that such average times of the divisions are about one-sixth less than

the times obtained by the statement of the slowest dates, and in regard to the amended work the average time by Examiners' desks, and which fairly represents the times required in the various classes into which inventions are divided, was 21.02 days from the date of filing.

Applying both methods of statement to the new work of this Office, it may be stated that at the end of the year the oldest cases remaining in 29 of the examining divisions of this Office were within one month, and in the remaining 10 divisions were between one and two months. Not a single division of this Office exceeded this latter period. The average position of the divisions in their transaction of new work, marked by the slowest cases in each division, was 32.44 days, and by Examiners' desks showed that the average time required for action upon new cases was 27.12 days from the date of filing.

The weekly work report of January 15, 1907, exhibits, as usual, the recovery from the disturbing effects of Examiners' absences at the end of the year. By this report a much better statement of work conditions is able to be shown, and it appears that the examining divisions of this Office were taking up their oldest amended cases for action as follows:

20 divisions within 13 days, 16 divisions from 13 days to 1 month, and 3 divisions ranging from 1 month to 43 days, the average time being 19.16 days. Applying the same method of determining the average position of the different Examiners' desks in the divisions, this average time is reduced to 15.89 days.

As to the new work upon January 15, 36 of the 39 examining divisions were taking up their oldest cases for action within 29 days from the date of filing and the 3 remaining divisions in 36, 43, and 43 days, respectively. The average position of the examining divisions in this Office judged by the oldest cases is 28 days, and by the average time for the Examiners' desks it is 23.41 days.

No single statement can better express the general prompt and excellent condition of the work of this Office at the middle of the current month than the following: The total number of cases awaiting action upon January 15, 1907, is about 600 less than the receipts of new and amended cases during the first two weeks of this month.

In respect to the registration of trade-marks the condition of the work of this Office is very satisfactory. This work, which prior to 1905 amounted to about 2,500 trade-mark applications per annum, was very greatly increased by the liberal provisions of the statute of February 20, 1905, and by the end of that year there had been filed 16,224 applications for registration of trade-marks. During the year 1906 this number fell to 8,493, and it is thought probable that moderate annual increases in this amount may be expected. The work of the division having these matters in charge is well up to date. At the end of the year new trade-mark applications were taken up for action within 17 days and amended cases within one week from the time of filing.

There has been no time in recent years when the general condition of the work of this Office has been so good as at the present time, and this excellent condition has been brought about in part by the increased force given to this Office upon the 1st of July of the year just ended and also by systematic and generous efforts on the part of the examining corps and clerical force of this Office to improve the condition of the different divisions. I have been able to

divert to the purpose of examining applications for patents some Examiners hitherto occupied with other necessary work, but who were temporarily assigned to such examining divisions as were behind with their work for the purpose of bringing it up to date.

I feel it a duty to the Examiners of this Office to say that many members of this corps of 300 men have cheerfully worked overtime to this end and have surrendered leaves which in many cases were due to them and that without their personal efforts, which were in a high degree generous and self-sacrificing, the excellent condition of these divisions which I am now able to report would not have been reached for many months.

Attention is called to the growth of this Office during the last seven years. This is shown in the table included above, where it appears that the number of applications and caveats filed has increased in this period by 48.1 per cent and that the Letters Patent issued and trade-marks, prints, and labels registered have increased 57.9 per cent. Such regular increase follows very closely the increase in the number of employees in manufacturing establishments in the country, and the distribution of these applications among the different States and Territories is very nearly proportional to the number of employees engaged in manufacturing in such States and Territories. These facts show that the patent system is very closely related to the manufacturing enterprises of the country, and it is believed that this system has materially aided the manufactures of the country and that its prosperity is closely connected with theirs. For this reason the treatment of the United States Patent Office by Congress should be such as will allow it adequate growth and development and for this purpose to give it such increase in its working force and in the space allotted for the transaction of its business as is required by its growth.

It will also be necessary if this service is to be maintained in efficiency to check the frequent resignations of skilled Examiners by increasing their compensation somewhat above the present figures. In the last year resignations from the examining corps of this Office amounted to 32, distributed as follows: 2 Principal Examiners, 3 first assistants, 5 second assistants, 15 third assistants, and 7 fourth assistants. It will be seen that the largest number of resignations came in the grade of the third assistant, a grade in which an assistant may be supposed to have reached a capacity for effective and independent action in the transaction of the work of examining applications. At the present time the temptation to resign in order to accept employment with practicing attorneys or with large manufacturing establishments which have patent departments is not able to be met by any inducements which this Office can present in the way of salary. It should not be forgotten that there is a wide field of employment for the Examiners of the Patent Office outside of the Government service, and I believe that these outside inducements are more frequently presented to our Examiners than to any other group of technically-trained men in the Government service. In 1848 the salary of a Principal Examiner in this Office was \$2,500, at that time equaling the salary of a Representative in Congress. The pay of these Examiners has not been increased from that time to the present, while the cost of living has increased very considerably.

The space allotted to the Patent Office at the present time is insufficient for the economic transaction of its work

and for the health and convenience of its employes. The space allotted to some divisions of this Office is unfit for their purposes in dimensions, as well as in the matter of light and ventilation. If the Patent Office could occupy the whole of the building which it now occupies in part, it would no more than suffice for its necessities. I believe that an amount equal to the accumulated surplus derived from the operations of this Office, which is shown by this report to be a little less than six and one-half million dol-

lars, might well be expended in the building of a permanent satisfactory building adapted to the requirements of this service and worthy of a service which is recognized throughout the world as representing the American national characteristics more than any other branch of the Government service.

Respectfully submitted.

FREDERICK I. ALLEN,
Commissioner.

ALPHABETICAL LIST

OF

PATENTEEES FOR THE YEAR 1906.

[Patentees of Designs, Trade-Marks, Labels, and, Prints, and parties who have filed Disclaimers follow this in separate indexes, but precede the Alphabetical List of Inventions.]

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Specification.	Drawing.	Volume.	Page.
A. Schrader's Son (See Schrader, George H. F., assignor.)						
A. Ziegler & Sons Company. (See Ziegler, Alfred M., assignor.)						
A. B. Chase Co. (See Cooper, William F., assignor.)						
A. B. Dick Company. (See Brasseur, Ernest J., assignor.)						
A. B. Dick Company. (See Carter, Melon J. D., assignor.)						
A. B. Dick Company. (See Cox, Edwin A., assignor.)						
A. B. Dick Company. (See Dick, Albert B., assignor.)						
A. B. Dick Company. (See Klaber and Cox, assignors.)						
A. B. Dick Company. (See Steere, Clarence E., assignor.)						
A. G. Spalding & Bros. (See Reach, Milton B., assignor.)						
A. I. Root Company. (See Calvert, John T., assignor.)						
A. M. McPhail Piano Company. (See Blinn, Charles P., assignor.)						
A. T. Hagen Co. (See Hagen, Arthur T., assignor.)						
A. T. Stearns Lumber Company. (See Stearns, Albert T., assignor.)						
Aab, William. (See Bacon and Aab.)						
Aagaard, Anton E., Everett, Wash. Counter-stiffener.....	833,862	Oct. 23	3763	800	124	2262
Aarons, David E., <i>et al.</i> (See Spies, Peter H. F., assignor.)						
Aarseth, Ole M., Echo, Minn. Mail-box.....	820,841	May 15	3688	786	122	940
Abadie-Léotard, Edouard, Paris, France. Waistband, belt, and the like.....	815,056	Mar. 13	2116	445-6	121	517
"Abbé" Engineering Company. (See Mertens, Ludwig, assignor.)						
Abbé, Max F., New York, N. Y. Tubular ball-mill.....	818,211	Apr. 17	3318	709-10	121	2197
Abbé, Max F., New York, N. Y. Grinding-mill.....	824,520	June 26	4543	964-5	122	2879
Abbé, Max F., New York, N. Y. Grinding-mill.....	825,285	July 10	1183	251	123	327
Abbé, Max F., New York, N. Y. Pebble-mill.....	828,591	Aug. 14	1812	381	123	2149
Abbee, Leslie H. (See Sewall and Abbe.)						
Abbot, Harry B. (See Abbot, Thomas and H. B.)						
Abbot, Thomas and H. B., Terrell, Tex. Baling-press.....	813,270	Feb. 20	3486	768-9	120	2333
Abbott, Benjamin J., Chicago, Ill., assignor to Union Horse Nail Company. Clutch mechanism.....	821,570	May 22	5173	1104	122	1326
Abbott, Charles H., Whittier, Cal. Fountain paint-brush.....	823,458	June 12	2464	520	122	2312
Abbott, Emery J., Orleans, Minn. Wagon-reach adjuster.....	815,057	Mar. 13	2117	446	121	517
Abbott, Franklin E., Buffalo, N. Y. Bridge-plate for rail-joints. (Reissue).....	12,518	July 31	6255	1299	123	1643
Abbott, Frederick B., Emporia, Kans. Turbine.....	839,086	Dec. 25	3577	774	125	2360
Abbott, G. L. (See Howarth, Melvin L., assignor.)						
Abbott, Ira, Wyandotte, Mich. Rotary engine.....	816,285	Mar. 27	4656	988-9	121	1171
Abbott, Ira, Wyandotte, Mich. Current-motor.....	825,101	July 3	819	170-1	123	218
Abbott, Ira, Wyandotte, Mich. Rotary engine.....	829,499	Aug. 28	3693	779-80	123	2699
Abbott, James, Newport, England. Metal-cutting machine.....	813,071	Feb. 20	3103	680	120	2253
Abbott, James H., Philadelphia, Pa. Dental tool.....	826,818	July 24	4331	901	123	1148
Abbott, Robert A., Philadelphia, Pa. Railway-crossing.....	837,371	Dec. 4	191	47	125	1464
Abbott, Samuel, Cleveland, Ohio. Pulley.....	834,700	Oct. 30	5618	1192	124	2769
Abbott, Thomas B., Sale, Victoria, Australia. Umbrella.....	833,724	Oct. 23	3457	738	124	2185
Abbott, Twyman O., Seattle, Wash. Sleeping-car.....	819,196	May 1	321	68-9	122	80
Abbott, Wallace C. (See Eddy, Thomas R., assignor.)						
Abbott, William W., Ingram, Pa. Shade-holder.....	820,164	May 8	2330	507	122	581
Abel, Bernard. (See Cowan and Abel.)						
Abel, Willy, Berlin, assignor to himself, H. Wollheim, Grunewald, near Berlin, and K. Strauss, Wiesbaden, Germany. Coin-freed apparatus.....	833,930	Dec. 18	3247	702-3	125	2241
Abell, Rollin, Boston, Mass., assignor to Abell Speedometer Company. Speed and distance indicating device.....	833,144	Oct. 9	2250	474	124	1799
Abell Speedometer Company. (See Abell, Rollin, assignor.)						
Abelspies, John F. C., Charlestown, England. Ore-concentrating apparatus.....	814,896	Mar. 13	1781	373	121	447
Abendroth Bros. (See Haskins, Elbert O., assignor.)						
Abendroth, Louis, Rüttenscheid, near Essen-on-the-Ruhr, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Impact-fuse.....	809,885	Jan. 9	2533	525	120	590
Aber, George B., and J. H. Harris, Rochester, N. Y. Plate-holder for cameras.....	828,526	Aug. 14	1087	355	123	2115
Abercrombie, Charles, Pittsburg, Pa. Attachment for blast-furnaces.....	826,819	July 24	4332	901	123	1148
Abercrombie, Charles M., assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Needle-motion for sewing-machines.....	828,294	Aug. 14	1215	252	123	1997
Abercrombie, Charles M., assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Hemstitch sewing-machine.....	833,277	Oct. 16	2543	531-2	124	1920
Abercrombie, George H., Foughkeepsie, N. Y. Furniture.....	822,904	June 12	1347	280	122	2069

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Abercrombie, William R., assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Bobbin-case for sewing-machines.....	814,341	Mar. 6	701	141	121	154
Abernathy, Hugh H., Chicago, Ill. Vise.....	831,919	Sept. 25	4091	853	124	1127
Abernethy, Harry M., assignor to American Railway Signal Company, Cleveland, Ohio. Automatic railway block-signal.....	829,309	Aug. 21	3271	689-90	123	2549
Abernethy, Harry M., assignor to American Railway Signal Company, Cleveland, Ohio. Spectacle-frame for semaphore-signals.....	829,310	Aug. 21	3276	690	123	2550
Abernethy, Harry M., assignor to American Railway Signal Company, Cleveland, Ohio. Railway semaphore-signal.....	829,311	Aug. 21	3277	691	123	2550
Abernethy, Harry M., assignor to American Railway Signal Company, Cleveland, Ohio. Electrical relay.....	829,905	Aug. 28	4543	958-9	123	2908
Abizaid, Ameen G., Washington, D. C. Non-refillable bottle.....	816,699	Apr. 3	305	71	121	1428
Abizaid, Antonio, Douma, Syria, Turkey. Friction-slide for garment-supporters.....	821,011	May 22	4078	868	122	1087
Ablett, Charles A., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.....	834,098	Oct. 23	4407	937	124	2415
Abraham, Adolf, Neuhaus-on-the-Oste, Germany. Automatic recording device.....	813,933	Feb. 27	4820	1063-4	120	2680
Abraham, Edward C., Santa Cruz, Cal. Clod-crusher and harrow.....	814,499	Mar. 6	1002	206	121	219
Abraham, Gustav C., Flint, Mich. Truss.....	822,811	June 5	1148	236	122	1980
Abraham, Herbert, assignor to Standard Paint Company, Boundbrook, N. J. Liquid cementing-paint.....	824,898	July 3	448		123	120
Abrahams, Harris, London, England. Alarm for use in connection with bags and the like.....	826,644	July 24	4013	831	123	1067
Abramowitz, Joseph, St. Louis, Mo., assignor of one-half to T. Kallmeyer, Trenton, Ill. Shoe.....	838,931	Dec. 18	3252	703	125	2242
Abrams, John H., Iowa City, Iowa. Lifting-jack.....	835,231	Nov. 6	708	146	125	179
Abrahamson, Sherman C., Englewood, N. J., assignor to H. L. Hiller, New York, N. Y. Lacing.....	818,991	Apr. 24	4877	1047	121	2586
Abrey, Daniel, Philadelphia, Pa. Hoisting mechanism.....	818,212	Apr. 17	3320	710-11	121	2197
Abrim, John, Joliet, Ill. Combined storm and screen door.....	813,271	Feb. 20	3487	769	120	2334
Abshier, Alfred J., Diehlstadt, Mo. Automatic hen's nest.....	811,891	Feb. 6	687	150	120	1630
Abtmeier, Theodore, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring instrument.....	819,706	May 8	1329	288	122	359
Abts, Mathias W., assignor of one-half to C. Horst, Madison, Nebr. Lawn-weeder.....	833,278	Oct. 16	2549	532	124	1921
Achershaug, Harry H. (See Andersen and Achershaug.)						
Acheson, Edward G., Stamford township, Ontario, Canada. Production of graphite.....	836,355	Nov. 20	2888		125	813
Acheson, Edward G., Stamford township, Ontario, Canada, assignor to W. A. Smith, Niagara Falls, N. Y. Refractory article and making the same.....	836,353	Nov. 20	2886		125	813
Acheson, Edward G., Stamford township, Ontario, Canada, assignor to W. A. Smith, Niagara Falls, N. Y. Refractory material and making the same.....	836,354	Nov. 20	2887		125	813
Acker, Charles E., Niagara Falls, N. Y., assignor to Acker Process Company. Making stannic chloride.....	810,454	Jan. 23	3794	780	120	948
Acker, Charles E., Niagara Falls, N. Y., assignor to Acker Process Company. Making stannous chloride.....	810,455	Jan. 23	3797	780	120	949
Acker, Charles E., Niagara Falls, N. Y., assignor to Acker Process Company. Making chlorin compounds of tin.....	810,456	Jan. 23	3800	781	120	949
Acker, Charles E., Niagara Falls, N. Y., assignor to Acker Process Company. Apparatus for producing compounds of tin.....	810,897	Jan. 30	4659	971	120	1171
Acker, Charles E., Niagara Falls, N. Y., assignor to Acker Process Company. Producing oxygen compounds of tin.....	824,398	June 26	4287		122	2822
Acker Process Company. (See Acker, Charles E., assignor.)						
Ackerman, Albert, assignor, by mesne assignments, to Nernst Lamp Company, Pittsburgh, Pa. Electric lamp.....	830,698	Sept. 11	1649	339	124	445
Ackerman, Fred D., Kendallville, Ind. Automatic electrical controller for air-compressors.....	809,083	Jan. 2	921	193	120	204
Ackerman, Fred D., Hampton, Va. Sliding door for railway-cars.....	811,115	Jan. 30	5076	1061	120	1262
Ackerman, Harrison K. (See Barton and Ackerman.)						
Ackerman, Jacob, Spinnerstown, Pa. Collapsible or knockdown crate.....	814,500	Mar. 6	1004	207	121	219
Ackerman, Jasper L., Monticello, Ind. Artificial bait.....	810,017	Jan. 16	2824	584	120	704
Ackerman, William. (See Bruen and Ackerman.)						
Ackermann, Alexander H. (See Johnston and Ackermann.)						
Ackermann, John H., Springfield, Ohio. Angle bit-brace.....	838,677	Dec. 18	2795	600	125	2133
Ackert, Harold V., Rochester, N. Y. Cowl and ventilator.....	834,551	Oct. 30	5311	1127-8	124	2691
Ackley, George D., Fort Worth, Tex. Automatic siphon.....	831,817	Sept. 25	3850	807	124	1067
Ackley, Raymond E., Rockford, assignor of one-half to A. E. Hix, Kingston, Ill. Wire-bending machine.....	812,779	Feb. 13	2510	552	120	2075
Ackley, Thaddeus, assignor of one-half to W. D. Ackley, Warren, Ohio. Engraver's tool.....	815,892	Mar. 20	3883	821	121	951
Ackley, William D. (See Ackley, Thaddeus, assignor.)						
Acklin, Alfred M., assignor to Heyl & Patterson, Inc., Pittsburg, Pa. Cable conveyer.....	811,991	Feb. 6	930	203	120	1679
Ackroyd, Charles, Paterson, N. J. Shoe and slipper hanger.....	813,072	Feb. 20	3105	680	120	2253
Ackroyd, John H., New York, N. Y. Cloth-board and sample-holder.....	839,694	Dec. 25	4802	1026	125	2670
Aclay, Harry M., assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Locking and tripping device for switches.....	823,984	June 19	3506	749	122	2599
Aclay, Harry M., assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Insulator.....	824,055	June 19	3635	773	122	2626
Acme Auto-Meter Company. (See Volkmar, Bernhard, assignor.)						
Acme Burial Vault Company. (See Okey, George B., assignor.)						
Acme Gold Saver Manufacturing & Mining Company. (See Hardwick, Penton A., assignor.)						
Acme Manufacturing and Supply Company. (See Nevins, Ennis M., assignor.)						
Acme Novelty Company. (See Stoltz, Melville, assignor.)						
Actien-Gesellschaft für Anilin Fabrikation. (See Altschul, Julius, assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Andresen, Magerstedt, and Ollendorff, assignors.)						
Actien-Gesellschaft für Anilin Fabrikation. (See Gley, Richard, assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Herzberg and Scharfenberg, assignors.)						
Actien Gesellschaft für Anilin Fabrikation. (See Kirchhoff and Kerkovius, assignors.)						
Acton, James W., Oregon, Mo. Wire-stretcher.....	837,447	Dec. 4	343	81	125	1441
Acton, John, Brooklyn, N. Y. Atmospheric-exhaust relief-valve.....	832,649	Oct. 9	1275	257-8	124	1560
Acton Tanning Company. (See Dunn, James C., assignor.)						
Adair, Arthur B., Oakland, Cal. Bottle.....	834,960	Nov. 6	154	31	125	43
Adair, Charles E., assignor to Cyphers Incubator Company, Buffalo, N. Y. Incubator.....	821,324	May 22	4692	1000	122	1221
Adair, Julius E., Gatlin, Tenn. Railway-signal.....	817,685	Apr. 10	2230	478	121	1902
Adam, Andrew, Kendallville, Ind. Wire-fence-stretching device.....	830,553	Sept. 11	1342	277	124	361
Adam, Otto, Dresden, Germany. Self-acting electrical rope-straining device.....	820,464	May 15	2918	634	122	771
Adames, Edward G., Caledonian Road, county of Middlesex, England. Decorating wood or other material.....	817,608	Apr. 10	2101	444	121	1874

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Adamite Surface Machine Co. (See Bein, Emile J., assignor.)						
Adamkiewitz, Anton, Chicago, Ill. Hacksaw-frame	833,569	Oct. 16	3157	671	124	2069
Adams, Aaron M., Philadelphia, Pa. Soap and brush holder	827,493	July 31	5810	1205	123	1525
Adams, Abraham L., Bridgeport, Conn. Collapsible tape-winding arbor	825,951	July 17	2596	539	123	694
Adams, A. & A., Berryton, Kans. Gate-hinge	833,818	Oct. 23	3667	782-3	124	2237
Adams Bagnall Electric Company <i>et al.</i> (See Oscanyan, Paul C., assignor.)						
Adams, C. E., <i>et al.</i> (See Dysart, Fred B., assignor.)						
Adams, Charles, San Francisco, Cal. Punching and shearing machine	833,496	Oct. 16	3012	639	124	2033
Adams, Charles D., Sylvania, Ga. Agricultural implement	817,540	Apr. 10	1976	418	121	1848
Adams, Charles I., Bath, and C. O. Clark, Ealing, England; said Adams assignor to said Clark, Hat-holder	815,893	Mar. 20	3884	821	121	951
Adams, Clarence F., Camden, N. J. Automatic switch	815,397	Mar. 20	2874	597-8	121	733
Adams Company. (See Farwell, Fay O., assignor.)						
Adams, Daniel B., Summitville, N. Y. Automatic alarm and stopping device for engines	827,698	Aug. 7	1	1	123	1671
Adams, Daniel B., Summitville, N. Y. Automatic stopping device and alarm	828,262	Aug. 7	1110	234	123	1941
Adams Drill Company. (See Adams, Thomas E., assignor.)						
Adams, Earl E., Battle Creek, Mich. Carbureter	813,683	Feb. 27	4320	951	120	2573
Adams, Earl E., Battle Creek, Mich. Screw-propeller	816,836	Apr. 3	573	120	121	1486
Adams, Frank C., assignor of one-half to J. M. and G. M. Seropian, Fresno, Cal. Treating raisins to remove the cap-stems	812,971	Feb. 20	2905	641	120	2209
Adams, Frank H., Topeka, Kans. Flue-rattler	822,035	May 29	6099	1299-1301	122	1591
Adams, Friederich O. (See Adams, Julius F. and F. O.)						
Adams, George, St. Louis, Mo. Traction attachment for automobile-wheels	820,691	May 15	3361	720	122	866
Adams, George B., Chicago, Ill. Telephone-index	828,914	Aug. 21	2455	521	123	2343
Adams, George R., Hiawatha, Kans. Washing-machine	828,170	Aug. 7	945	194-5	123	1902
Adams, George W., <i>et al.</i> (See Browne, George W., assignor.)						
Adams, Gilbert L. (See Smith, Blandon H., assignor.)						
Adams, Gilbert L., Altoona, Pa. Wagon-brake	817,032	Apr. 3	969	199	121	1575
Adams, Harry W., assignor of one-half to P. W. Farnham, Fargo, N. D. Feed-water regulator	818,859	Apr. 24	4631	995	121	2533
Adams, Henry, Tunbridge Wells, England. Jack for lifting and transporting motor-cars, &c.	811,116	Jan. 30	5077	1061	120	1263
Adams, Henry, Tunbridge Wells, England. Means for elevating and transporting motor road-vehicles	837,372	Dec. 4	193	47	125	1404
Adams, Isaac M., assignor of one-half to W. Stein, Shenandoah, Pa. Safety device for mine-elevators	811,892	Feb. 6	689	150	120	1631
Adams, Isaac M., assignor of one-half to W. Stein, Shenandoah, Pa. Safety device for mine-cages	811,893	Feb. 6	690	151	120	1631
Adams, James, Phillipsburg, N. J. Knockdown box	815,670	Mar. 20	3388	708	121	847
Adams, James L., Jr., Springfield, Ill. Electrical vibratory motor	820,753	May 15	3476	745-6	122	894
Adams, James L., Jr., Springfield, Ill. Compound spring	820,944	May 15	3905	833	122	988
Adams, Joe M. (See Dwigan and Adams.)						
Adams, John. (See Johnson, John W., assignor.)						
Adams, John B., Jr., Malden, N. Y. Wire-stretcher	834,237	Oct. 30	4715	999	124	2541
Adams, John D., <i>et al.</i> , executors. (See Adams, Thomas, Sr.)						
Adams, John H., St. Louis, Mo. Machine for folding paper	836,235	Nov. 20	2646	557-8	125	754
Adams, John M. (See Adams, John Q. and J. M.)						
Adams, John Q. and J. M., Union, Ill.; said John Q. Adams assignor to said J. M. Adams.						
Currycomb	821,075	May 22	4210	895	122	1116
Adams, John U., New Orleans, La. Headwear	823,314	June 12	2208	460	122	2258
Adams, Joseph, <i>et al.</i> (See Holland, Curtis, assignor.)						
Adams, Joseph W., Pasadena, Cal. Window-screen	817,461	Apr. 10	1828	383	121	1818
Adams, Joseph W., Pasadena, Cal. Hose-clamp	821,692	May 29	5441	1159	122	1441
Adams, Julius F. and F. O., Allegheny, Pa. Heating apparatus	821,971	May 29	5981	1274-5	122	1563
Adams, Julius F. and F. O., Allegheny, Pa. Heating-furnace	821,972	May 29	5983	1275	122	1563
Adams, Martha E., <i>et al.</i> , executors. (See Adams, Thomas, Sr.)						
Adams, Milton F., New York, N. Y., assignor to Electric Water Purifier Company.						
Liquid filter and purifier	823,019	June 12	1579	328	122	2122
Adams, Omer T. and J. J. Berry, Emmett, assignors of one-third to G. H. Baker, Dubois, Idaho. Hitching device for vehicles	838,932	Dec. 18	3253	704	125	2242
Adams, Orly E., <i>et al.</i> (See Urban, Fredrick H., assignor.)						
Adams, Orsemas T. X. (See Adams, Phineas H. and O. T. X.)						
Adams, Phineas H. and O. T. X., Chicago, Ill. Boring-machine	811,684	Feb. 6	290	65	120	1549
Adams, Powell O., Cameron, Tex. Emergency rail-brake	810,316	Jan. 16	3464	715-16	120	839
Adams, Richard, Toronto, Canada. Pipe-wrench	808,801	Jan. 2	357	77	120	79
Adams, Richard H., Toronto, Canada. Mold for molten metals and minerals	830,192	Sept. 4	581	118-19	124	148
Adams, Robert N. (See Hardy and Adams.)						
Adams, Thomas, <i>et al.</i> , executors. (See Adams, Thomas, Sr.)						
Adams, Thomas, Sr., deceased, Brooklyn; J. D. and T. Adams, Bay Shore, N. Y., and M. E. Adams, executors. Wrapping-machine	829,684	Aug. 28	4075	863-7	123	2795
Adams, Thomas E., <i>et al.</i> (See Kilroy, Patrick M., assignor.)						
Adams, Thomas E., Cleveland, Ohio. Rock-drill	811,685	Feb. 6	291	66	120	1549
Adams, Thomas E., Cleveland, Ohio. Bearing for rock-drills	821,325	May 22	4693	1000	122	1221
Adams, Thomas E., Cleveland, Ohio. Rock-drill	834,441	Oct. 30	5109	1085	124	2638
Adams, Thomas E., Pine Bluff, Ark. Frame for railway rolling-stock	830,401	Sept. 4	1016	212-13	124	250
Adams, Thomas E., assignor to Adams Drill Company, Cleveland, Ohio. Chuck for rock-drills	817,609	Apr. 10	2102	445	121	1874
Adams, Thomas E., assignor of one-half to C. H. Seabrook, Pine Bluff, Ark. Engine-truck	830,274	Sept. 4	765	156-7	124	192
Adams, Thomas E., assignor of one-half to C. H. Seabrook, Pine Bluff, Ark. Two-wheel engine-truck	830,275	Sept. 4	767	157	124	192
Adams, Thomas E., assignor of one-half to C. H. Seabrook, Pine Bluff, Ark. Engine or tender truck	830,554	Sept. 11	1344	277	124	361
Adams, Walter S. (See Brill and Adams.)						
Adams & Westlake Company. (See Giese, James A., assignor.)						
Adams and Westlake Company. (See Hamm, William S., assignor.)						
Adams & Westlake Company. (See Legge, Thomas A., assignor.)						
Adams & Westlake Company. (See Newbold, Roger M., assignor.)						
Adams & Westlake Company. (See Schuetz, Frank A., assignor.)						
Adams, William A., Winchester, Ky. Machine for cleaning fiber	821,571	May 22	5175	1105	122	1326
Adams, William E., assignor of one-third to R. M. Silverman, New York, N. Y. Sash-opener	825,371	July 10	1365	288	123	373
Adams, William H., assignor of one-half to H. U. Beck, Montreal, Quebec, Canada. Making rubber hose	834,351	Oct. 30	4931		124	2595

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Adams, William H., and F. Powell, Portland, Oreg., assignors to said Adams, said Powell, and Ladd Metals Company. Apparatus for manufacturing producer-gas.	834,238	Oct. 30	4716	999	124	2541
Adams, William H., and F. Powell, Portland, Oreg., assignors to said Adams, said Powell, and Ladd Metals Company. Apparatus for the manufacture of illuminating-gas.	834,239	Oct. 30	4718	999	124	2541
Adams, William H., and F. Powell, Portland, Oreg., assignors to said Adams, said Powell, and Ladd Metals Company. Smelting.	834,240	Oct. 30	4721	1000	124	2542
Adams, William H., and F. Powell, Portland, Oreg., assignors to said Adams, said Powell, and Ladd Metals Company. Manufacturing illuminating-gas.	834,241	Oct. 30	4724	1000	124	2542
Adams, William L., South Portland, assignor to G. H. Griffen, Portland, and J. E. Fisher, South Portland, Me. Anchor.	822,420	June 5	368	76	122	1806
Adamson, Alfred. (See Dina, Augusto, assignor.)						
Adamson, Charles E., Muncie, Ind. Rotary copying-press.	823,094	June 12	1741	358-9	122	2154
Adamson and Company, Joseph. (See Duckitt, John B., assignor.)						
Adamson, Ferdinand, Rockford, Ill. Railway-switch.	837,908	Dec. 11	1249	274	125	1707
Adder Machine Company. (See Lotterhand, Jason C., assignor.)						
Addington, Hugh J. (See Addington, James R. G., assignor.)						
Addington, James R. G., assignor of one-half to H. J. Addington, Gate City, Va. Watch-balance-staff protector.	827,137	July 31	4997	1043	123	1324
Addleman, John S., Cleveland, Ohio. Exercising apparatus.	837,270	Dec. 4	1	1	125	1355
Addressograph Company. (See Duncan, Joseph S., assignor.)						
Addressograph Company. (See Duncan and Tevander, assignors.)						
Addy, Marion, Peoria, assignor of one-half to G. P. Christensen, Bartonville, Ill. Draft-equalizer.	813,994	Feb. 27	4930	1091	120	2702
Adell, John A. (See Starrett and Adell.)						
Adelsperger, Dow L., assignor to Foos Manufacturing Company, Springfield, Ohio. Mill.	817,610	Apr. 10	2103	445	121	1874
Adelsholt, Dawson, Royaltown, assignor to Middletown Car Works, Middletown, Pa. Compound for forming the bottoms of metal-heating furnaces.	830,057	Sept. 4	253		124	62
Adix, H. V., et al. (See Riddle, Edward C., assignor.)						
Adkins, Marion W., assignor of one-half to W. A. Rollins, Kansas City, Mo. Wagon-brake.	837,271	Dec. 4	3	1	125	1355
Adler, Henry, assignor to H. Adler Company, Pittsburg, Pa. Ladder.	826,212	July 17	3100	642	123	818
Adler, Henry, assignor to H. Adler Company, Incorporated, Pittsburg, Pa. Curtain-stretcher.	835,271	Nov. 6	792	166	125	200
Adler, Henry, assignor to H. Adler Company, Incorporated, Pittsburg, Pa. Ladder.	839,087	Dec. 25	3579	774	125	2370
Admiral Hay Press Co. (See Tallman, Horace M., assignor.) (Reissue.)						
Admiral Hay Press Co. (See Tuttle and Cookson, assignors.)						
Adolph, John U. (See Prindle and Adolph.)						
Adorian, Julius, Paris, France. Billiard-cue.	829,749	Aug. 28	4219	894	123	2328
Adorian, Julius, Paris, France. Billiard-cue.	835,489	Nov. 13	1229	265	125	355
Adreon, Robert E., and F. M. Stambaugh, St. Louis, Mo.; said Stambaugh assignor to said Adreon. Combined air-brake-setting device and alarm.	808,711	Jan. 2	170	39	120	38
Adrian Wire Fence Company. (See Sturtevant, Orange S., assignor.)						
Adrian, Adrian D. (See Calleson, Adrian, and Duppler.)						
Adrian, Arthur E., Buffalo, N. Y. Chime-ringing apparatus.	816,525	Mar. 27	5177	1098	121	1283
Adrian, Benjamin. (See Calleson, Amos, assignor.)						
Adrian, Benjamin, and A. Calleson, Brooklyn, N. Y.; said Calleson assignor to said Adrian. Can-heading machine.	810,245	Jan. 16	3306	685-6	120	805
Adrian, Benjamin, and A. Calleson, Brooklyn, N. Y.; said Calleson assignor to said Adrian. Sheet-metal can.	818,731	Apr. 24	4376	937	121	2478
Adrian, Benjamin, and A. Calleson, Brooklyn, N. Y.; said Calleson assignor to said Adrian. Can-making machine.	818,805	Apr. 24	4531	969-71	121	2511
Adrian, Benjamin, and A. Calleson, Brooklyn, N. Y.; said Calleson assignor to said Adrian. Can-heading machine.	818,806	Apr. 24	4540	972	121	2514
Adrian, Benjamin, and A. Calleson, Brooklyn, N. Y.; said Calleson assignor to said Adrian. Drawing-press.	818,807	Apr. 24	4544	972-4	121	2514
Adshead, George H., London, England. Parcel-bundling machine.	823,751	June 19	3050	645-6	122	2498
Adt, Leo F., Troy, N. Y. Eyeglasses.	816,837	Apr. 3	574	120	121	1486
Adt, Leo F., Troy, N. Y. Lens-mount and connection for eyeglasses.	816,838	Apr. 3	576	120	121	1487
Adt, Leo F., Troy, N. Y. Lens-mount and connection for eyeglasses.	816,839	Apr. 3	578	120	121	1487
Adt, Leo F., Albany, N. Y. Eyeglass-guard.	836,076	Nov. 20	2305	489	125	673
Advance Machinery Company. (See Wetzel, Lewis C., assignor.)						
Advance Pump & Compressor Company. (See Moore, Ila N., assignor.)						
Advance Signal Company. (See Taylor, Herbert B., assignor.)						
Aeolian Company. (See Heins, John W., assignor.)						
Aeolian Company. (See Hunter, Ernest R., assignor.)						
Aeolian Company. (See Kelly, George B., assignor.)						
Aeolian Company. (See Meahl, Philip J., assignor.)						
Aeolian Company. (See Rees, William H., assignor.)						
Aeolian Company. (See Swift, George, assignor.)						
Aeolian Company. (See Votey, Edwin S., assignor.)						
Aeolian Company. (See Wood, Frederick L., assignor.)						
Aeolian Company. (See Wright, Morris S., assignor.)						
Aeolian Company. (See Young, Francis L., assignor.)						
Aermotor Company. (See Scholes, Daniel R., assignor.)						
Aeschbach, Friedrich, Aarau, Switzerland. Kneading and mixing machine.	835,655	Nov. 13	1548	331	125	434
Afflethoy William, Cincinnati, Ohio. Composition of matter for the treatment of newly-plastered surfaces.	839,534	Dec. 25	4483		125	2591
Affleck, James. (See Lord and Affleck.)						
Agar, Charles B., Camden, N. J., assignor to B. P. Obydyke, Philadelphia, Pa. Die for cutting out metal plates.	817,611	Apr. 10	2106	445-6	121	1875
Agar, James S., et al. (See Martin, George W., assignor.)						
Agey, Frank G. (See Agey, Joseph C. and F. G.)						
Agey, Joseph C. and F. G., Indiana, Pa. Harrow.	815,894	Mar. 20	3885	821	121	951
Agin, Burroughs, and G. B. Thompson, Kansas City, Mo. Adjustable curtain-fixture.	819,197	May 1	323	69	122	80
Agne, Charles H., Newark, N. J. Kettledrum.	835,173	Nov. 6	599	122	125	152
Agner, Robert I., Salem, Va. Flour bleacher and purifier.	812,110	Feb. 6	1149	252	120	1722
Agnew, Frank R., et al. (See Ward, George, assignor.)						
Agnew, Ray F., assignor to Union Steel Screen Company, Ltd., Jackson, Mich. Shelf for refrigerators.	825,631	July 10	1994	416	123	533
Agnor, Arthur B., Raphine, Va. Wire-stretcher.	833,145	Oct. 16	2267	476	124	1849
Ahara, Edwin H., Mishawaka, Ind. Shaft-coupling.	838,231	Dec. 11	1928	413	125	1877
Ahern, Denis, New York, N. Y. Steam-boiler.	826,820	July 24	4335	902	123	1149
Ahlender, Ernst H., Chicago, Ill., assignor to Thomas Wrigley Company. Intermittent grip device.	815,895	Mar. 20	3886	822	121	951
Ahlbrecht, August, Pittsburg, Pa. Apparatus for propelling vehicles.	830,631	Sept. 11	1505	311	124	405

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g	Vol.	Page.
Ahlers, George F., Covington, Ky. Desiccated distillery-slop and making same	821,326	May 22	4695		122	1221
Ahlgrim, Charles, <i>et al.</i> (See McDonner, Charley, assignor.)						
Ahlin, Charles E. F., assignor to Cleveland Armature Works, Cleveland, Ohio. Lifting-magnet	822,095	May 29	6209	1324	122	1616
Ahlin, Charles E. F., assignor to Cleveland Armature Works, Cleveland, Ohio. Lifting-magnet	837,174	Nov. 27	4567	969	125	1259
Ahlquist, Karl, Rugby, England, assignor to General Electric Company. Bucket for elastic-fluid turbines	824,521	June 26	4545	965	122	2880
Ahlstrand, August F., assignor of one-half to Connecticut Clasp Co., Bridgeport, Conn. Machine for tipping corset-steels	830,555	Sept. 11	1344	277-9	124	361
Ahr, Wilhelm, Berlin, Germany. Self-acting collapsing target	819,198	May 1	325	69	122	80
Ahrbin, Nels, New York, N. Y. Apparatus for vulcanizing rubber tires	826,213	July 17	3103	642-3	123	819
Ahrendt, Johannes, Hamburg, Germany. Horse-collar	817,359	Apr. 10	1604	339	121	1771
Ahrens Fire Engine Company. (See Shafer, William H., assignor.)						
Ahrweiler, Henry G., New York, N. Y. Butter-pat-printing machine	815,896	Mar. 20	3889	822	121	952
Aichele, Christian, assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Clamp for the cross-bars of ice-cream freezers	819,494	May 1	916	201	122	205
Aicher, George E., <i>et al.</i> (See Mitchell, Ira G., assignor.)						
Aid, Frederick. (See Aid, George and F.)						
Aid, George and F., Gallatin, Mo. Neck-yoke center	823,575	June 19	2725	577	122	2428
Aizin, George H., Delaware, Ohio. Ironing-board	823,910	June 19	3357	715-16	122	2567
Aikle, Andreas, Jr., Providence, Utah. Planter	826,079	July 17	2851	591	123	760
Aiken, Edward L., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Repeating attachment for phonographs	810,018	Jan. 16	2826	584-5	120	704
Aiken, Edward L., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Molding apparatus	817,831	Apr. 17	2548	546-7	121	2028
Aiken, Edward L., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Repeating attachment for phonographs	820,165	May 8	2332	508	122	581
Aiken, Edward L., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Earpiece	824,773	July 3	177	31	123	52
Aiken, Edward L., Schenectady, N. Y., assignor to General Electric Company. Making coils for electric apparatus	834,220	Oct. 23	4656	988	124	2481
Aiken, Elizabeth C. (See Aiken, Harry C. and E. C.)						
Aiken, Harry C. and E. C., Glendale; said Harry C. Aiken assignor to E. S. Shank, Los Angeles, Cal. Incubator	828,011	Aug. 7	645	132	123	1830
Aiken, Henry, Pittsburg, Pa. Reversing-valve	824,166	June 26	3831	818	122	2727
Aiken, Henry, Pittsburg, Pa. Shear mechanism	830,276	Sept. 4	767	157-8	124	192
Aiken, Robert H., Winthrop Harbor, Ill. Making iron from the ore	816,142	Mar. 27	4388		121	1114
Aiken, W. G. (See King, William C., assignor.)						
Aikman, William, Jr., <i>et al.</i> (See Potter, Charles W. H., assignor.)						
Aims, Walton I., New York, N. Y. Moisture-proof joint	837,767	Dec. 4	978	220	125	1597
Ainley, Emmett. (See Leffort, William M., assignor.)						
Ainley, Thomas E., Sherbrooke, Canada. Fleece-carrier	816,417	Mar. 27	4966	1055	121	1236
Aisbitt, Matthew S., Los Angeles, Cal. Fender especially adapted for street-railway cars	819,967	May 8	1897	420	122	483
Aitken, Thomas G., Edinburgh, Scotland. Foot-ball	836,356	Nov. 20	2590	613	125	814
Akehurst, George W. T., White Marsh, Md. Vehicle-wheel	827,494	July 31	5810	1205	123	1526
Aker, Anton, assignor of one-fourth to E. Horsky, Helena, Mont. Elevator	826,821	July 24	4338	902-3	123	1150
Aker, Anton, assignor of one-fourth to E. Horsky, Helena, Mont. Weighing apparatus for elevators	826,822	July 24	4340	903	123	1150
Aker, I. G., <i>et al.</i> (See Willson, James F., assignor.)						
Akerberg, Olof, Everett, Wash. Rotary engine	833,107	Oct. 9	2173	457-8	124	1777
Akerly, Frank F., and W. Borchert, Reno, Nev. Laundry-tag	835,383	Nov. 6	1026	219	125	260
Akers, D Claude, assignor of one-half to G. J. Moriarty, Woodstock, Ill. Device for holding children in bed	837,373	Dec. 4	194	48	125	1405
Akers, Henry H., assignor to O. B. Akers, Cherryvale, Kans. Mail-bag catcher and deliverer	812,471	Feb. 13	1911	421-2	120	1955
Akers, James M., Gays, assignor to Mattoon Grain Conveyor Company, Mattoon, Ill. Pneumatic grain-conveyer	824,056	June 19	3635	774	122	2626
Akers, Ora B. (See Akers, Henry H., assignor.)						
Akers, William M., and B. F. Huston, Decatur, Iowa. Building-wall construction	811,534	Feb. 6	3	1	120	1485
Akeson, Anders, assignor to Standard Gas & Heating Company, Worcester, Mass. Carbureter	823,382	June 12	2320	486	122	2281
Akin, Asa M., Spokane, Wash. Pitman	828,700	Aug. 14	2021	426	123	2202
Akin, John H., Ames, Iowa. Husking-peg	816,286	Mar. 27	4660	989	121	1172
Akin, William, Los Angeles, Cal. Water-filter	830,277	Sept. 4	769	158	124	193
Akridge, George H., Hartsfield, Ga. Sash holder and fastener	823,659	June 19	2894	612	122	2467
Akron Tent and Awning Company <i>et al.</i> (See Frank, Beecher, assignor.)						
Aktiebolaget L. M. Ericsson & Co. (See Johansson, Hemming, assignor.)						
Aktiebolaget S. Henrikssons Sprutfabrik & Mekamiska Verkstad. (See Henriksson, Carl, assignor.)						
Aktiebolaget, "Sana." (See Zellén, Henrik T. af, assignor.)						
Aktiebolaget Separator. (See Ericsson, Anders J., assignor.)						
Aktiebolaget Separator. (See Jørgensen, Walter, assignor.)						
Aktiebolaget Separator. (See Ljungström, Birger, assignor.)						
Aktiebolaget Separator. (See Ljungström, Fredrik, assignor.)						
Aktiebolaget Stockholms Vapenfabrik. (See Kjellman, Rudolf H., assignor.)						
Aktiebolaget Tidan. (See Essen, Fritz von, assignor.)						
Aktieselskabet Gummi-Regenerations-Societet, (System Resen-Steenstrup.) (See Steenstrup, Carl A. R., assignor.)						
Aktieselskabet Vernehrens Regnemaskiner. (See Vermehren, Johannes, assignor.)						
Alarme, Louis, New York, N. Y. Antislipping device for horseshoes	823,497	June 19	2575	543	122	2397
Alaska Codfish Co. (See Whitman, Victor, assignor.)						
Albany Chemical Company. (See Michaelis, Gustavus, assignor.)						
Alberger Company. (See Smith, Harry J., assignor.)						
Albers, John B., Los Angeles, Cal. Metal-saving machine	820,614	May 15	3215	691-2	122	836
Albers, Josef, Aix-la-Chapelle, Germany. Protective cover for pneumatic tires	813,934	Feb. 27	4821	1064	120	2680
Alberswerth, Henry, assignor of one-half to H. Alberswerth, Jr., New Haven, Mo. Threshing-machine	837,909	Dec. 11	1250	274-5	125	1707
Albert, Eugen, Munich, Germany. Apparatus for backing up of electros	821,845	May 29	5743	1222	122	1511
Albert, Eugen, Munich, Germany, assignor to F. Wesel, New York, N. Y. Apparatus for producing matrices for electrotypes and the like	814,927	Mar. 13	1833	384	121	458
Albert, Eugen, Munich, Germany, assignor to F. Wesel, New York, N. Y. Making matrices	815,001	Mar. 13	1990	418	121	488
Albert, George, assignor of one-fourth to M. De Witt, Buena Vista, Colo. Trousers-stretcher	825,792	July 10	2302	479	123	607

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Albert Speirs Manufacturing Company. (See Speirs, Albert, assignor.)						
Albertelli, Innocent, Chicago, Ill. Banana-crate.	832,027	Oct. 2	1	1	124	1213
Alberty, Bertie C., Stafford Springs, Conn. Portable bracket or scaffolding.	829,312	Aug. 21	3279	691	123	2551
Albrecht, Francis J., Pittsburg, Pa. Pyrometer.	830,278	Sept. 4	770	158	124	193
Albrecht, John, Algoma, Wis. Liquid-measuring device.	834,862	Oct. 30	5952	1264-5	124	2852
Albrecht, Herman A. (See Bohling and Albrecht.)						
Albrecht, Herman S., St. Louis, Mo. Fiber-reducing machine.	821,447	May 22	4957	1053-4	122	1282
Albrecht, Herman S., St. Louis, Mo. Fiber-reducing machine.	821,448	May 22	4960	1054-5	122	1282
Albrecht, William F., and S. A. Ghent, Chicago, Ill. Memorial album.	839,251	Dec. 25	3911	841	125	2453
Albree, Edward C., Swampscott, Mass. Punching and printing system.	817,291	Apr. 10	1486	311	121	1743
Albree, Edward C., Swampscott, Mass. Card-index.	821,602	May 29	5259	1121	122	1403
Albright, Francis R., and J. S. Joseph, Norristown, Pa. Potato dropper and planter.	817,612	Apr. 10	2108	446	121	1875
Albright, Henry F., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Telephone-transmitter.	830,279	Sept. 4	772	159	124	193
Albright, Henry F., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Telephone-receiver.	833,279	Oct. 16	2550	532	124	1921
Albright, Henry F., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Case for loading-coils.	834,352	Oct. 30	4932	1044-5	124	2595
Albright, John B., Hamilton, Ohio. Switch-operating mechanism.	819,835	May 8	1604	340	122	422
Albright, Preston K., Binghamton, N. Y. Knockdown sled.	821,693	May 29	5443	1159	122	1441
Albro, Almon G., Corry, Pa. Horseshoe.	821,973	May 29	5984	1275	122	1564
Albro, George F., Los Angeles, Cal. Collapsible parcel carrier or case.	829,617	Aug. 28	3947	835	123	2763
Alburger, Hallie F., Colwyn, Pa. Burglar-alarm.	830,038	Sept. 4	253	50	124	63
Alcorn, Robert L., assignor of one-half to J. T. Smith, Oneida, Tenn. Brake.	821,211	May 22	4464	950	122	1171
Alden, Charles A., Steelton, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Railway-crossing.	831,759	Sept. 25	3745	784	124	1041
Alden, Louis, Jr., Bryn Mawr, Pa. Can-opener.	811,894	Feb. 6	691	151	120	1631
Alden, Silas A., Boston, Mass. Attachment for rifles.	824,837	July 3	324	59	123	90
Alder, Samuel. (See Calbeck and Alder.)						
Alderman, Charles S., St. Louis, Mo. Hose-nozzle.	820,328	May 8	2638	575	122	651
Aldous, Nelson W., Toronto, Canada. Carpet-cutter and the like.	820,692	May 15	3362	720	122	866
Aldred, Horace A., Philadelphia, Pa. Hook and eye.	818,808	Apr. 24	4547	974	121	2515
Aldrich, Alonzo, Beloit, Wis. Paper-making machine.	811,527	Jan. 30	5867	1230	120	1430
Aldrich, Alonzo, Beloit, Wis. Machine for trimming and slitting paper.	823,250	June 12	2085	434	122	2233
Aldrich, Arbia L. (See Aldrich, John B. and A. L.)						
Aldrich, James M., Adrian, Mich. Lawn-edge trimmer and ditcher.	818,510	Apr. 24	3916	843	121	2376
Aldrich, John B. and A. L., Endicott, N. Y. Portable railway crossover-switch.	824,271	June 26	4036	864	122	2771
Aldrich, Truman H., Birmingham, Ala. Reciprocating electric machine.	814,259	Mar. 6	508	105-6	121	109
Alemian, Dikran, Vienna, Austria-Hungary. Sawing-machine.	824,328	June 26	4139	886	122	2793
Aletter, Wilhelm, Berlin, Germany. Self-acting cooking apparatus.	836,357	Nov. 20	2891	613	125	814
Alexander, Arthur F., assignor of one-half to E. K. Morey, Hunt, Ill. Sash-lock.	829,285	Aug. 28	4379	925	123	2869
Alexander, Arthur W., et al. (See Peterson, Eric E., assignor.)						
Alexander, Charles L., Charlotte, N. C. Dental handpiece.	823,150	June 12	1855	383	122	2179
Alexander and Company, R. F. and J. (See Mackie, John, assignor.)						
Alexander, Frank P., Ludington, Mich. String musical instrument.	808,802	Jan. 2	358	77	120	80
Alexander, George H., Mannington, W. Va. Belt-clamp.	838,678	Dec. 18	2798	600	125	2134
Alexander, Horace G., Londonderry, Vt. Cooling attachment for explosive-engines.	830,556	Sept. 11	1347	280	124	362
Alexander Insect Castor Company. (See Alexander, Tony, assignor.)						
Alexander, James A. (See Butterfield, Luther J., assignor.)						
Alexander, James H., Fulwood, Ark. Hame-fastener.	822,232	June 5	1	1	122	1729
Alexander, Jesse, Brooklyn, N. Y., assignor, by mesne assignments, to L. K. Jr., J. Jr., and T. Alexander. Type-writing machine.	833,280	Oct. 16	2553	533	124	1922
Alexander, Jesse, Brooklyn, N. Y., assignor, by mesne assignments, to L. K. Jr., J. Jr., and T. Alexander. Type-writing machine.	833,281	Oct. 16	2556	533	124	1923
Alexander, Jesse, Brooklyn, N. Y., assignor, by mesne assignments, to L. K. Jr., J. Jr., and T. Alexander. Type-writing machine.	833,282	Oct. 16	2558	534	124	1924
Alexander, Jesse, Brooklyn, N. Y., assignor, by mesne assignments, to L. K. Jr., J. Jr., and T. Alexander. Type-writer platen-shifting mechanism.	833,284	Oct. 16	2565	536	124	1926
Alexander, Jesse, Brooklyn, N. Y., assignor, by mesne assignments, to L. K. Jr., J. Jr., and T. Alexander. Type-writer paper-feeding mechanism.	833,285	Oct. 16	2568	536	124	1927
Alexander, Jesse, Brooklyn, N. Y., assignor, by mesne assignments, to L. K. Jr., J. Jr., and T. Alexander. Type-writer-carriage stop.	833,286	Oct. 16	2569	537	124	1927
Alexander, Jesse, Brooklyn, N. Y., assignor to A. Letts, Los Angeles, Cal., L. K. Jr., J. Jr., and T. Alexander. Type-writer construction.	833,283	Oct. 16	2561	534-5	124	1924
Alexander, Jesse, Brooklyn, N. Y., assignor to J. M. Hutton, Wortendyke, N. J., L. K. Jr., J. Jr., and T. Alexander. Type-writer-ribbon-operating mechanism.	833,287	Oct. 16	2572	537-8	124	1928
Alexander, Julius A., Pine Bluffs, Ark. Hame.	810,383	Jan. 23	3627	747	120	909
Alexander, Kittie, Jr., et al. (See Alexander, Jesse, assignor.)						
Alexander, Lee, et al. (See Alexander, Jesse, assignor.)						
Alexander, Paul, Charlottenburg, Germany. Dissolving and regenerating rubber.	821,394	May 22	4854	.....	122	1259
Alexander, Robert L., Moral, assignor of one-half to A. Coleman, McComb, Okla. Ter. Rail-joint.	809,238	Jan. 2	1252	255	120	276
Alexander, Sidney A., Meriden, Conn. Parquet-flooring.	812,320	Feb. 13	1636	360	120	1899
Alexander, Solomon S., Syracuse, N. Y. Storm-collar.	820,465	May 15	2920	634	122	771
Alexander, Theophilus W., and E. F. Holstein, Burlington, Iowa. Apparatus for making soap.	824,167	June 26	3832	818	122	2728
Alexander, Tony, Brookhaven, Miss. Level.	812,251	Feb. 13	1492	326	120	1865
Alexander, Tony, Brookhaven, Miss. Excavator-shovel.	816,057	Mar. 27	4211	893	121	1075
Alexander, Tony, Brookhaven, Miss. Insecticide-holding attachment for furniture.	824,272	June 26	4038	865	122	2772
Alexander, Tony, Brookhaven, Miss. Caster.	831,494	Sept. 18	3181	672	124	856
Alexander, Tony, New Orleans, La. Chill-mold for casters.	839,695	Dec. 25	4804	1027	125	2670
Alexander, Tony, assignor to Alexander Insect Castor Company, Ltd., New Orleans, La. Caster.	831,258	Sept. 18	2743	577	124	743
Alexander, Tyve, et al. (See Alexander, Jesse, assignor.)						
Alexander, William A., Wilkinsburg, Pa. Flushing-tank.	830,280	Sept. 4	775	159	124	194
Alexander, William J., et al. (See McCarty, Joseph C., assignor.)						
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Protective means for alternating-current systems.	819,627	May 1	1160	254	122	260
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Ground-detector and cut-out.	825,286	July 10	1184	251	123	327
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Means for controlling self-exciting generators.	829,133	Aug. 21	2914	612	123	2462
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Voltage-regulator.	829,826	Aug. 28	4380	925	123	2869
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Alternating-current generator.	839,358	Dec. 25	4116	884	125	2503

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Alexandrescu, Michail, Bucharest, Roumania. Implement for driving nails on a helical line.....	839,359	Dec. 25	4118	884	125	2503
Alexovits, Leonard S., Bridgeport, Conn. Clasp.....	836,957	Nov. 27	4134	882	125	1153
Alford, John J. (See McBride and Alford.)						
Alford, William H. (See Parrish, William N., assignor.)						
Alger, Charles M., Hannibal, Mo. Wired-slat construction.....	824,899	July 3	450	89	123	121
Alger, Joseph, Brockton, Mass. Box-covering machine.....	820,166	May 8	2336	508-9	122	582
Alkins, Charles A., Memphis, Tenn., assignor, by mesne assignments, to Niagara Forged Steel Company, Buffalo, N. Y. Rail-brace.....	815,248	Mar. 13	2511	523	121	606
Alkire, Benjamin A., Maryville, Mo. Hog-trap.....	839,252	Dec. 25	3912	842	125	2453
Alkire, E. Y. (See Gerardy, Gabriel, assignor.)						
Allan, Arthur, Jr. (See Picken, James, assignor.)						
Allan, James, Chiselhurst Common, England. Coin-freed electric meter.....	824,522	June 26	4547	965	122	2880
Allan, William A., Morris, Canada. Rotary engine.....	823,020	June 12	1581	328	122	2122
Allard, Homer L. (See Shoecraft and Allard.)						
Allard, Louis J., Fall River, Mass. Sleigh-runner attachment for vehicle-wheels.....	821,974	May 29	5985	1276	122	1564
Allardt, Julius, Kiel, Germany. Telescopic sighting device for guns.....	834,552	Oct. 30	5312	1128	124	2691
Allatt, Thomas, assignor to Pacific Coast Biscuit Company, Portland, Oreg. Candy-machine.....	836,552	Nov. 20	3276	698-9	125	907
Albright, William B., Chicago, Ill. Filter-plate.....	813,393	Feb. 27	3759	826	120	2449
Allebach, Victor L., East Brady, Pa. Gland-nut lock.....	838,835	Dec. 18	3076	663	125	2202
Allen, A. L., et al. (See McNeley, Martin M., assignor.)						
Allen, Aaron B., Pueblo, Colo. Nut-lock.....	813,031	Feb. 20	3017	664	120	2232
Allen, Achilles, Milton, Oreg. Adjustable soldering-clamp.....	837,768	Dec. 4	979	220	125	1597
Allen, Albert A., Ortonville, Minn. Drafting instrument.....	819,495	May 1	917	201	122	205
Allen, Arthur D. (See Holmes and Allen.)						
Allen, Arthur S., Brookline, Mass. Wheel-tire.....	835,005	Nov. 6	254	55	125	67
Allen, Arthur S., Brookline, assignor to United Printing Machinery Company, Boston, Mass. Leveler for forms of type.....	811,354	Jan. 30	5565	1161	120	1368
Allen, August, Lead, S. D. Saw-frame.....	839,696	Dec. 25	4805	1027	125	2670
Allen, Benjamin F., and G. R. Ford, St. Louis, Mo.; said Allen assignor to said Ford. Mirror attachment for gas-stove doors.....	821,846	May 29	5744	1223	122	1511
Allen, C. H. (See Sletto, Oscar K., assignor.)						
Allen, Carl L. (See Merryman and Allen.)						
Allen, Charles A., Gallion, Ohio. Nut-lock.....	816,143	Mar. 27	4389	928	121	1114
Allen, Charles M. (See Baggaley and Allen.)						
Allen, Charles M. (See Baggaley, Allen, and Lindquist.)						
Allen, Charles M., Lolo, Mont. Saving metal values from slag.....	810,364	Jan. 16	3563	733	120	863
Allen, Charles M., Lolo, Mont., assignor to R. Baggaley, Pittsburg, Pa. Converting matte.....	808,618	Jan. 2	1	1	120	3
Allen, Clarence L., assignor to Cotton Collar Company, Atlanta, Ga. Horse-collar.....	809,886	Jan. 9	2535	526	120	591
Allen, Clinton M., assignor of three-fourths to F. A. Benson and C. F. Braman, Bay City, Mich. Electrical signaling device.....	829,192	Aug. 21	3045	638	123	2495
Allen, David H., Miamisburg, Ohio. Tray for glasses.....	817,148	Apr. 10	1185	245	121	1683
Allen, David H., Miamisburg, Ohio. Tray for glasses.....	817,149	Apr. 10	1186	245	121	1683
Allen, David H., Miamisburg, Ohio. Table.....	821,572	May 22	5177	1105	122	1327
Allen, Delos, assignor to Antifriction Journal Box Company, Los Angeles, Cal. Antifriction journal-box.....	836,428	Nov. 20	3049	647-8	125	851
Allen, Delos, assignor to Antifriction Journal Box Company, Los Angeles, Cal. Roller-bearing.....	836,429	Nov. 20	3052	648	125	852
Allen, Edgar. (See Rich, William M., assignor.)						
Allen, Edward B., assignor to Singer Manufacturing Company, Elizabeth, N. J. Button-hole-cutting device for sewing-machines.....	815,501	Mar. 20	3058	637-8	121	774
Allen, Edward J., and G. C. Hanna, Guthrie, Okla. Ter. Drying and stretching frame.....	828,915	Aug. 21	2456	521	123	2343
Allen, Ernest B., Louisville, Ky. Air-supply apparatus for air-brakes.....	823,315	June 12	2210	461	122	2258
Allen, Eugene D., Detroit, Mich. Locking and squaring device.....	817,740	Apr. 17	2347	504	121	1985
Allen, Eugene E., San Diego, Cal. Spraying-machine.....	834,701	Oct. 30	5619	1193	124	2770
Allen, Felix W., Harrisonburg, Va. Nozzle for leaching-vats.....	835,928	Nov. 13	2041	436	125	553
Allen, Frank H., Donaldsonville, La. Apparatus for unloading and feeding cane.....	833,819	Oct. 23	3669	783	124	2237
Allen, Franklin P., and J. M. Schofield, Stockton, Cal.; said Allen assignor to said Schofield. Interlocking brick.....	824,329	June 26	4140	886	122	2793
Allen, Fred E., assignor of one-half to R. Sorg, Pittsburg, Pa. Bottle.....	818,809	Apr. 24	4549	975	121	2515
Allen, George F., Granite City, Ill., assignor to E. R. Hoyt, New York, N. Y. Alloy.....	834,099	Oct. 23	4411	.....	124	2416
Allen, George F., Granite City, Ill., assignor to E. R. Hoyt, St. Louis, Mo. Alloy.....	839,444	Dec. 25	4291	.....	125	2545
Allen, George W. (See Holmes and Allen.)						
Allen, George W., and W. D. Beach, Clyde, Kans. Billiard-cue-tip fastener.....	818,011	Apr. 17	2925	631	121	2113
Allen, Grafton C., Port Townsend, Wash. Non-refillable bottle.....	820,754	May 15	3482	746	122	896
Allen, Hosea, Oil City, Pa. Rail-joint. (Reissue).....	12,497	June 26	4901	1042	122	2954
Allen, Hosea, Oil City, Pa. Rail-clamping device.....	837,769	Dec. 4	981	221	125	1598
Allen, Jacob S., Jr., Philadelphia, Pa. Derrick.....	810,691	Jan. 23	4241	878-9	120	1048
Allen, James, U. S. Army. Relay.....	814,501	Mar. 6	1005	207	121	219
Allen, James B. (See Bryant and Allen.)						
Allen, James B., Detroit, Mich. Trimming-knife and guide.....	819,034	May 1	1	1	122	3
Allen, James B., Detroit, Mich. Casting-box for linotype-machines.....	823,660	June 19	2895	612-13	122	2468
Allen, Jefferson, Kennebunk Port, Me. Pruning device.....	825,885	July 17	2469	515	123	661
Allen, John E., administrator. (See Johnston, James J.)						
Allen, John H. (See Campbell, John C., assignor.)						
Allen, John L., assignor of one-half to S. S. Blaisdell, Providence, R. I. Vacuum-breaker.....	839,697	Dec. 25	4806	1027-8	125	2671
Allen, Joseph, Collingswood, N. J. Condenser-tube packing.....	826,009	July 17	2711	560	123	7251
Allen, Lemuel E., assignor to Bucher & Gibbs Plow Company, Canton, Ohio. Harrow-tooth fastener.....	817,150	Apr. 10	1187	245	121	1683
Allen, Matthew F., Nashville, Tenn. Range construction.....	809,766	Jan. 9	2328	481-2	120	544
Allen, McVerney and Company. (See Allen, Walter B., assignor.)						
Allen, Nicholas C., Houghton, S. D. Harrow.....	820,279	May 8	2560	555-6	122	633
Allen, Oliver C., Greenfield, Ind. Cross-arm construction for telegraph-poles, &c.....	811,583	Feb. 6	693	151	120	1631
Allen, Oscar, Mount Morris, N. Y. Corn-husking machine.....	820,329	May 8	2639	575	122	651
Allen, Philip, Providence, R. I. Sprinkler-head.....	820,541	May 15	3091	665	122	809
Allen, Robert, Suver, Oreg. Revolving disk sickle for corn-harvesters.....	833,016	Oct. 9	1992	417	124	1732
Allen, Robert L., Syracuse, N. Y. Skeleton-tower structure.....	818,511	Apr. 24	3917	843	121	2377
Allen, Samuel L., Moorestown, N. J. Cultivator.....	819,836	May 8	1605	341	122	422
Allen, Samuel L., Moorestown, N. J. Cultivator.....	828,171	Aug. 7	946	195-6	123	1903
Allen, Samuel L., Moorestown, N. J. Cultivator.....	828,172	Aug. 7	953	196-7	123	1904
Allen, Stanton. (See Bradley, Lynde, assignor.)						
Allen, Thomas G., London, England. Motor-car for preventing side slip.....	813,684	Feb. 27	4322	951	120	2574
Allen, Uriah C., Sandyhill, N. Y. Treating waste fiber.....	811,896	Feb. 6	694	151-2	120	1632

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Allen, Walter B., assignor to Allen, McNerney and Company, Attleboro, Mass. Jewel-setting.	836,479	Nov. 20	3133	665	125	870
Allen, Walter M., assignor to Warner & Swasey Company, Cleveland, Ohio. Roller-feed mechanism.	817,151	Apr. 10	1188	245-6	121	1683
Allen, Wayne B., Columbia, Mo. Annunciator attachment for mail-boxes.	837,770	Dec. 4	983	221	125	1598
Allen, Wilburn C., Kansas City, Mo. Face-protector	825,170	July 3	963	203	123	251
Allen, William A. (See Geisendorfer and Allen.)						
Allen, William A., New York, N. Y. Tire-cover.	828,701	Aug. 14	2022	427	123	2202
Allen, William A., Lecanto, Fla. Wrench.	837,272	Dec. 4	4	1	125	1356
Allen, William C., Gurley, Ala. Pneumatic grain-elevator.	813,073	Feb. 20	3106	680	120	2254
Allen, William D., and C. F. Bowes, assignors to W. D. Allen Manufacturing Company, Chicago, Ill. Hose-rack.	811,686	Feb. 6	293	66	120	1550
Allen, William D., and G. A. Johnson, assignors to Marlin Firearms Company, New Haven, Conn. Automatic taper-cutting attachment.	831,316	Sept. 18	2858	606	124	773
Allen, William D., and G. A. Johnson, assignors to Marlin Firearms Company, New Haven, Conn. Automatic cutting-tool.	834,877	Nov. 6	1	1	125	3
Allen, William P., Woodlawn, Pa. Device for unloading and distributing hay or straw in mows.	825,571	July 10	1824	387-8	123	487
Allen, William W., Sloatsburg, N. Y., assignor to Standard Equipment Company, Jersey City, N. J. Railway-switch.	827,405	July 31	5545	1153	123	1463
Allenbrand, Lawrence, Basehor, Kans. Car-brake.	835,295	Nov. 6	837	174	125	212
Allendorph, John C., Kansas City, Mo. Railway-rail.	838,295	Dec. 11	2056	443	125	1907
Allerbach, S. C. (See Dundas, Harry, assignor.)						
Alley, Eugene B., Watertown, and M. J. Sousa, Cambridge, Mass. Paint and varnish brush cleaner.	820,081	May 8	2168	472	122	546
Alley, Frederick L., Lynn, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Shoe-sewing machine.	827,699	Aug. 7	4	1	123	1671
Allfree, Edwin H., and W. H. England, Chicago, Ill. Derailer.	824,462	June 26	4437	941-2	122	2855
Allfree, James B., Ironton, Ohio, and I. C. Hubbell, Chicago, Ill. Locomotive driving-wheel or the like.	819,199	May 1	325	70	122	81
Allgier, Nelson, Syracuse, N. Y. Washing-machine.	835,591	Nov. 13	1422	305	125	404
Allgood, Andrew C., Henderson, N. C. Separator attachment for ring-spinning machines.	819,496	May 1	919	201	122	205
Allgood, Francis D., Thurmon, La. Gin-rib.	827,597	July 31	6009	1250	123	1574
Alliance Machine Company. (See Shem, George W., assignor.)						
Alliance Mine Equipment Company. (See Good and Hall, assignors.)						
Allington, William E., Saginaw, Mich. Centrifugal fan.	828,592	Aug. 14	1813	382	123	2149
Allis-Chalmers Company. (See Barth, Charles F., assignor.)						
Allis-Chalmers Company <i>et al.</i> (See Behrend, Bernard A., assignor.)						
Allis-Chalmers Company. (See Fullagar, Hugh F., assignor.)						
Allis-Chalmers Company. (See Harrison, John F., assignor.)						
Allis-Chalmers Company. (See Martin, Ludolph P., assignor.)						
Allis-Chalmers Company. (See McKee, Robert A., assignor.)						
Allis-Chalmers Company. (See Patitz, Johann F. M., assignor.)						
Allis-Chalmers Company. (See Reynolds, Edwin, assignor.)						
Allis-Chalmers Company. (See Rotter, Max, assignor.)						
Allis-Chalmers Company. (See Sheridan, Thomas F., assignor.)						
Allis-Chalmers Company. (See Sprado, Carl G., assignor.)						
Allis-Chalmers Company. (See Trout, William H., assignor.)						
Allis-Chalmers Company. (See Wilson, James, assignor.)						
Allis, George B., Little Rock, Ark. Automatic mail-bag-delivering apparatus.	834,863	Oct. 30	5958	1265	124	2853
Allison, Andrew J., Mount Sylvan, Tex. Driving mechanism.	810,317	Jan. 16	3466	716	120	840
Allison, Andrew J., Tyler, Tex. Brake mechanism for hand-cars.	829,618	Aug. 28	3949	836	123	2763
Allison, Frank, Chattanooga, Tenn. Water-elevating apparatus.	835,391	Nov. 6	1037	222	125	262
Allison, James E., assignor to Dr. J. H. McLean Medicine Company, St. Louis, Mo. Display-case.	821,573	May 22	5178	1105	122	1327
Allison, James J., Rockfalls, Ill. Stopper for bottles.	811,811	Feb. 6	520	116	120	1596
Allison, John H., Elkhart, Ind. Soldering-block.	831,026	Sept. 18	2259	477	124	631
Allison, Oscar W., Rochester, N. Y., assignor by mesne assignments, to American Tobacco Company. Cigarette-machine.	829,455	Aug. 28	3609	758-9	123	2680
Allison, Robert B., Topeka, Kans. Shingling-hatchet.	810,597	Jan. 23	4076	840	120	1010
Allison, Smith E., Chicago, Ill. Renovator.	828,916	Aug. 21	2458	522	123	2344
Allison, Thomas B., <i>et al.</i> (See Crater, Fordham, assignor.)						
Allison, William P., Sr., assignor to Leatheroid Manufacturing Company, Kennebunk, Me. Rivet-driving machine.	839,088	Dec. 25	3581	774-5	125	2370
Allith Manufacturing Company. (See Smith, Henry C., assignor.)						
Allman, Kaspar K., Alumbidge, W. Va. Horseshoe-spreader.	823,383	June 12	2323	487	122	2282
Allmanna Svenska Elektriska Aktiebolaget. (See Lindén and Hiersemann, assignors.)						
Alloway, Mary W., Montreal, Quebec, Canada. Garment-hanger.	831,317	Sept. 18	2859	606	124	774
Allright Manufacturing Company. (See Holmok, Charles, assignor.)						
Allshouse, J. Irving, <i>et al.</i> (See Howard, James, assignor.)						
Allsopp & Allsopp. (See Allsopp, Thomas, assignor.)						
Allsopp, Thomas, assignor to Allsopp & Allsopp, Newark, N. J. Adjustable collar holder or supporter.	814,419	Mar. 6	865	178	121	188
Allwardt, Morris H., Jordan Valley, Ore. Hay-net.	812,252	Feb. 13	1493	326-7	120	1865
Allwine, Leo A., assignor of one-half to L. C. Worden, Lorain, Ohio. Vehicle-wheel.	826,914	July 24	4535	943	123	1198
Allyn, Robert S., New York, N. Y. Can-closure.	826,215	July 17	3111	645-6	123	820
Allyn, William R. (See Kelly, Burt O., assignor.)						
Alma Button Company of Baltimore City. (See Kerngood, Herman, assignor.)						
Alma Manufacturing Company. (See Greenebaum, Abraham H., assignor.)						
Alma Manufacturing Company of Baltimore City. (See Kerngood, Herman, assignor.)						
Almy, Bradford, Ithaca, N. Y. Pocket safety-pin.	822,335	June 5	221	45	122	1774
Alpert, William, Richardson, N. D. Match-box.	812,714	Feb. 13	2390	525	120	2050
Alpha Portland Cement Company. (See Hitzel, Harry, assignor.)						
Alphandéry, Gaston J. E., Chaumont, France. Device for facilitating the removal of valves from valve-boxes of internal-combustion engines.	821,149	May 22	4358	927	122	1149
Alquist, Peter. (See Emerick and Alquist.)						
Alrite Duplicating Supply Company. (See Hilliker, George L., assignor.)						
Alroth, Friedrich, Plauen-Dresden, Germany. Self-moving cradle.	814,420	Mar. 6	868	178	121	189
Alsens, Julius. (See Follet and Alsens.)						
Alsip, Frank, Chicago, Ill. Clay-working machine.	815,398	Mar. 20	2876	508	121	733
Alsobrook, James C., Sorrento, Fla. Animal-trap.	812,472	Feb. 13	1914	422	120	1956
Alsop, Henry, Chicago, Ill. Safety-bridge lock.	820,842	May 15	3689	786	122	941
Alsop Process Company. (See Mitchell, John E., assignor.)						
Alsop Process Company. (See Mitchell and Parks, assignors.)						
Alspach, Alpheus J., Chicago, Ohio. Combined step-ladder and ironing-table.	809,926	Jan. 16	2631	544	120	663

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Diag.	Vol.	Page.
Alsrue Patent Manufacturing Company. (See Alz, Urban S., assignor.)						
Alstad, George. (See Neil and Alstad.)						
Alston, John S., Atlantic City, N. J. Die	822,233	June 5	2	1	122	1729
Altafer, Florence A. (See Altafer, L. B. and F. A.)						
Altafer, L. B. and F. A., Cleveland, Ohio. Ventilating apparatus for chemical-desks ..	837,448	Dec. 4	345	81	125	1442
Altenuis, Clarence L., <i>et al.</i> (See Smith, James M., assignor.)						
Altenuis, Jacob K., Philadelphia, Pa. Yarn-winding machine	835,490	Nov. 13	1230	265	125	355
Altener, Ferdinand A., Wyncote, Pa. Inkstand	825,691	July 10	2109	439	123	5(2)
Altham, George J., Swansea, Mass. Lubricating device for internal-combustion engines ..	821,915	May 29	5868	1248	122	1539
Althause, Frederick D., New York, N. Y. Recision-engine	812,176	Feb. 13	1341	291-2	120	1831
Altmann, Charles P., Lyon, France. Steam-generator	813,133	Oct. 20	3239	710	120	2283
Alton, George H., Lynn, Mass., assignor to General Electric Company. Jewel grinding and polishing machine ..	819,628	May 1	1161	255	122	261
Alton, Lee T., New York, N. Y. Incandescent gas-lamp	827,342	July 31	5420	1127	123	1432
Alton, Lee T., New York, N. Y. Gas-burner	830,758	Sept. 11	1773	366	124	477
Alton, Lee T., New York, N. Y. Shade-hanger	831,027	Sept. 18	2259	477	124	631
Alton, Lee T., Brooklyn, N. Y. Incandescent gas-lamp	832,226	Oct. 2	430	79-80	124	1318
Altschul, Julius, assignor to Actien-Gesellschaft für Anilin Fabrikation, Berlin, Germany. Making silk fibroin peptone ..	813,272	Feb. 20	3488		120	2334
Altshul, Henry, New York, N. Y. Ruling attachment for type-writers ..	818,732	Apr. 24	4377	937	121	2478
Altstock, Marcus, Lemberg, Austria-Hungary. Halm-plucking mechanism for potato-digging machines	817,891	Apr. 17	2677	582	121	2054
Aluminum Manufacturing Company. (See Koenig, Joseph, assignor.)						
Aluminum Manufacturing Company. (See Kummerow, Adolph, assignor.)						
Aluminum Press. (See White, Joseph, assignor.)						
Aluminum Press Company. (See Claridge and Randall, assignors.)						
Alves, Walter S., Henderson, Ky. Hand-protector for gun-barrels	836,851	Nov. 27	3900	832	125	1098
Alvord, Clinton, Worcester, Mass., assignor, by mesne assignments, to Multiple Woven Hose & Rubber Co., New York, N. Y. Loom for weaving tubular fabrics ..	824,226	June 26	3954	847-8	122	2754
Alvord, Edwin D., and H. R. Knox, Hartford, Conn. Machine for making leather-board ..	824,086	June 26	3687	785	122	2695
Alvord, Seymour L., Winsted, Conn. Knife-blade leather-punch	833,146	Oct. 16	2268	476	124	1849
Alz, Urban S., Mount Washington, assignor to Alsrue Patent Manufacturing Company, Baltimore, Md. Heat-multiplying apparatus ..	826,080	July 17	2853	592	123	760
Amann, Charles. (See Amann, Martin L., assignor.)						
Amann, Charles H., assignor of one-half to G. C. Witt, Cincinnati, Ohio. Package-tie ..	835,656	Nov. 13	1549	331	125	434
Amann, Joseph L., Chicago, Ill. Portable knockdown seat-back	823,199	June 12	1970	410	122	2207
Amann, Martin L., assignor of one-half to C. Amann, Warren, Pa. Trolley-wheel ..	817,292	Apr. 10	1483	311	121	1744
Amberg File & Index Company. (See Amberg and Patterson, assignors.)						
Amberg, Theodore J., and W. D. Patterson, assignors to Amberg File & Index Company, Chicago, Ill. Filing-case	829,750	Aug. 28	4220	894	123	829
Ambler, James A., Natick, Mass. Stencil-printing machine	829,049	Aug. 21	2726	572	123	2412
Ambler, James A., Natick, Mass. Stencil-printing machine	833,497	Oct. 16	3013	639	124	2034
Ambrose, Harry T. (See Donning, George W., assignor.)						
Ambrose, Mary L., Nashville, Tenn. Bottle	836,852	Nov. 27	3901	833	125	1099
Ambrose, Thomas P. (See Curtis, William H., assignor.)						
Ambroster, Charles A. (See Smith, Louis, assignor.)						
Amend, Bert R., Portland, Oreg. Artificial hand for playing chords	831,920	Sept. 25	4005	853	124	1128
Amendt, Christian, Latrobe, Pa. Self-centering dividers	809,887	Jan. 9	2536	526	120	591
America Company. (See Richardson, Harry H., assignor.)						
America Company. (See Sutton, William S., assignor.)						
American Absorbent Fiber Company. (See Green, Willard R., assignor.)						
American Acetylene Gas Light Company. (See Little, Leander H., assignor.)						
American Agricultural Chemical Company. (See Hickey, John, assignor.)						
American Air-Brake Company. (See Mann, William B., assignor.)						
American Aristotype Company. (See Maddox, William J., assignor.)						
American Attachment Company. (See Stevens, George J., assignor.)						
American Automatic Arms Company. (See Young and Sheriff, assignors.)						
American Automatic Oiler Company. (See Feval, Leon, assignor.)						
American Automatic Photograph Company. (See Pifer, George N., assignor.)						
American Automatic Switch Company. (See Collins, Roy V., assignor.)						
American Automatic Switch Company. (See Warren, Aldred K., assignor.)						
American Bed Company. (See Smith, John G., assignor.)						
American Blower Company. (See Treat, Charles H., assignor.)						
American Boot & Shoe Protector Manufacturing Co. (See Christensen, Robert, assignor.)						
American Borax Company. (See Blumenberg, Henry, Jr., assignor.)						
American Brake Company. (See Barlow, George D., assignor.)						
American Brake Company. (See Reinhart, Charles, assignor.)						
American Brake Company. (See Stambaugh, Francis M., assignor.)						
American Brake Shoe & Foundry Company. (See Gilbert, Henry K., assignor.)						
American Brake Shoe & Foundry Company. (See Sargent, William D., assignor.)						
American Brake Shoe & Foundry Company. (See Snow, Elmer J., assignor.)						
American Brake Shoe & Foundry Company. (See Streeter, Alfred L., assignor.)						
American Brake Shoe & Foundry Company. (See Thompson, James S., assignor.)						
American Bridge Company. (See Weatherston, Christopher, assignor.)						
American Briquetting Co. (See Demetrik, Constantine, assignor.)						
American Can Company. (See Carnes, Edward W., assignor.)						
American Can Company. (See Chambers, William J., assignor.)						
American Can Company. (See Hallbauer, Ernst M., assignor.)						
American Can Company. (See Hodgson, John G., assignor.)						
American Can Company. (See Larkin, Bernard H., assignor.)						
American Can Company. (See Leitch, Meredith, assignor.)						
American Can Company. (See Lindgren, Bror J., assignor.) (Reissue.)						
American Can Company. (See Lotz, Augustus, assignor.)						
American Can Company. (See Macarthy, Henry, assignor.)						
American Can Company. (See Marcuse, Isaac J., assignor.)						
American Can Company. (See Miller, George F., assignor.)						
American Can Company. (See Murphy, Edward D., assignor.)						
American Can Company. (See Rudolphi and Geiger, assignors.)						
American Can Company. (See Sharp, Lee C., assignor.)						
American Can Company. (See Sherman, Charles, assignor.)						
American Can Company. (See Tevander, Swan, assignor.)						
American Can Company. (See Weber, George W., assignor.)						
American Can Company. (See Wells, William H., assignor.)						
American Can Company. (See Williams, Harry B., assignor.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
American Car & Foundry Company. (See Brown, Thomas R., assignor.)						
American Car & Foundry Company. (See Harrington, Clement G., assignor.)						
American Car & Foundry Company. (See Herrmann, Julius C., assignor.)						
American Car & Foundry Company. (See King, George I., assignor.) (Reissue.)						
American Car & Foundry Company. (See Ostrander, Allen E., assignor.)						
American Car & Foundry Company. (See Turner, Charles H., assignor.)						
American Car & Foundry Company. (See Weisbrod, Jacob H., assignor.)						
American Car & Foundry Company. (See Wolff, Herbert W., assignor.)						
American Car Strap Advertising Company. (See Collins, John S., assignor.)						
American Chemical Eduction Company. (See Wurtz, Henry, assignor.)						
American Chemical Products Company. (See Kick, Emile F., assignor.)						
American Cigar Company. (See Richards, Francis H., assignor.)						
American Cigar Company. (See Woodford, Allan G., assignor.)						
American Colortype Company. (See Wood, Thaddeus F., assignor.)						
American Column Company. (See Angell, Fredrick P., assignor.)						
American Column Company. (See Tresidder, John J., assignor.)						
American Company. (See Richardson, Harry H., assignor.)						
American Compressed Air Supplying Company. (See Palm, John V. O., assignor.)						
American Concrete Machinery Company. (See Cunningham and McPherson, assignors.)						
American Conduit Co. (See Dixon, Albert S., assignor.)						
American Cotton Separator Company. (See Patterson, Warren A., assignor.)						
American Couch Company. (See Plunkett, Charles L., assignor.)						
American Cutlery Company. (See Gillilan, Essington N., assignor.)						
American Electric Alarm Company. (See Cortland and Heinrich, assignors.)						
American Electric Alarm Company. (See Heinrich, Stephen J., assignor.)						
American Electric Brake Company. (See Mahoney, Joseph N., assignor.)						
American Electric Company. (See McDonnell, George P., assignor.)						
American Electric Telephone Company. (See Carliss, Albert, assignor.)						
American Electric Telephone Company. (See Clausen, Henry P., assignor.)						
American Electric Telephone Company. (See Olsen, Halvor M., assignor.)						
American Electric Telephone Company. (See Setter, Michael, assignor.)						
American Electrical Heater Company. (See Schneider, George J., assignor.)						
American Electrical Novelty and Manufacturing Company. (See Giroud, Peter G., assignor.)						
American Electrolytic Company. (See Harmon, Willis E., assignor.)						
American Electromobile Company. (See Rae, Frank B., assignor.)						
American Engineering Specialty Co. (See Davis, James H., assignor.)						
American Farm Products Company. (See Monroe, Charles D., assignor.)						
American Foundry & Machine Company. (See Robinson, Hanson, assignor.)						
American Gibson Heater Company. (See Gibson, William A., assignor.)						
American Gig Saddle and Felt Company. (See Van Lengen, Herman, assignor.)						
American Glass Bending Company. (See Borland and Vanderwulp, assignors.)						
American Grain Purifier Constructing Company. (See Stuhr, David H., assignor.)						
American Graphophone Company. (See Emerson, Victor H., assignor.)						
American Graphophone Company. (See Godwin and Hoffman, assignors.)						
American Graphophone Company. (See Macdonald, Thomas H., assignor.)						
American Graphophone Company. (See Manwaring, George A., assignor.)						
American Graphophone Company. (See Tyler, Walter S., assignor.)						
American Hard Rubber Company. (See Gurnee, Isaac Q., assignor.)						
American Hard Rubber Company. (See Kiel, William, assignor.)						
American Hard Rubber Company. (See Weitling, William W., assignor.)						
American Harrow Company. (See Garst, Stephen H., assignor.)						
American Heel Machine Company. (See Wolfe, William, assignor.) (Reissue.)						
American Hoist & Derrick Co. (See Strom, Charles, assignor.)						
American Horse Shoe Company. (See Smith, Arthur, assignor.)						
American Hydrolit Company. (See Bidel, Ernst, assignor.)						
American Instrument Company. (See Benecke, Adelbert O., assignor.)						
American-La France Fire Engine Company. (See Steck, Ernest F., assignor.)						
American Lacing Hook Company. (See Maenche, Albert T., assignor.)						
American Locomotive Company. (See Cole, Francis J., assignor.)						
American Locomotive Company. (See Cole and Mellin, assignors.)						
American Locomotive Company. (See Dalton, William, assignor.)						
American Locomotive Company. (See Player, John, assignor.)						
American Locomotive Equipment Co. (See Wade and Nicholson, assignors.)						
American Loktile Company. (See Du Montier, Alfred, assignor.)						
American Magnetic Fire Alarm Company. (See Tarlton, Pearl E., assignor.)						
American Manufacturing Company. (See Dodson, Charles M., assignor.)						
American Mechanical Cashier Company. (See Dement, Isaac S., assignor.)						
American Mechanical Cashier Company. (See Dement and Hull, assignors.)						
American Mechanical Cashier Company. (See Hull, Foster J., assignor.)						
American Meter Company. (See McDonald and Scofield, assignors.)						
American Multigraph Company. (See Gammeter, Harry C., assignor.)						
American Myriograph Company. (See Smith, William, assignor.)						
American Nail-Less Horse Shoe Company. (See Cramell, Charles W., assignor.)						
American Novelty Company. (See Boykin, Christopher C., assignor.)						
American Offset Company. (See Duncan and Potts, assignors.)						
American Oil Engine Company. (See Hayes, Albert, assignor.)						
American Optical Company. (See Coates, Walter A., assignor.)						
American Optical Company. (See Waite, Edgar T., assignor.)						
American Ozone Company. (See Otto, Marius, assignor.)						
American Paper Bottle Company. (See Kimsey, James C., assignor.)						
American Paper Bottle Company. (See Kimsey and Heyl, assignors.)						
American Patent Promotion Company. (See Wilkes, Thomas S., assignor.)						
American Postal Machine Company. (See Waite, Henry E., assignor.)						
American Promoting Company. (See Mayhew, Theophilus, assignor.)						
American Pulley Company. (See Brinley, Charles A., assignor.)						
American Pulley Company. (See Zamboni, Lawrence, assignor.)						
American Pulley Company. (See Zamboni and Bowen, assignors.)						
American Radiator Company. (See Davis, James H., assignor.)						
American Railway Signal Company. (See Abernethy, Harry M., assignor.)						
American Ring Co. (See Palmer, Robert, assignor.)						
American Road Machine Company. (See Philips, Edwin S., assignor.)						
American Rolling Mill Company. (See Charls, George H., assignor.)						
American Rotary Engine Company. (See Porter and Whiting, assignors.)						
American Safety Razor Co. (See Gibford, Edward B., assignor.)						
American Sales Book Company. (See Landon, Asa E., assignor.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
American Sales Company. (See Wiles and Haskell, assignors.)						
American Sanitary Works. (See Tilden, Bert O., assignor.) (Reissue.)						
American Seeding Machine Company. (See Jones and Towle, assignors.)						
American Seeding Machine Company. (See Mills, Adelbert F., assignor.)						
American Seeding Machine Company. (See Packham and Oates, assignors.)						
American Serial Lock Company. (See Townsend, Harry P., assignor.)						
American Sheet & Tin Plate Company. (See Bennett, Charles W., assignor.)						
American Sheet & Tin Plate Company. (See Bray, Charles W., assignor.)						
American Sheet & Tin Plate Company. (See Cronmeyer, Ernest L., assignor.)						
American Sheet and Tin Plate Company. (See Mors, Fritz C., assignor.)						
American Sheet and Tin Plate Company. (See Steele, Lawrence C., assignor.)						
American Ship Windlass Company. (See Manton, Frank S., assignor.)						
American Shoe Polishing Machine Company. (See Lay and Churchman, assignors.)						
American Silver Company. (See Trehwella, Charles E., assignor.)						
American Silver Company. (See Wright, Henry C., assignor.)						
American Sintering Company. (See Davison, George L., assignor.)						
American Soda Fountain Company. (See Conlin, John F., assignor.)						
American Soda Fountain Company. (See Helmer, William, assignor.)						
American Soda Fountain Company. (See Tracey, Ernest C., assignor.)						
American Soldier Company. (See Beiser, Charles W., assignor.)						
American Specialty Company. (See Cioli and Case, assignors.)						
American Spindle Company. (See Potter, James C., assignor.)						
American Standard Fire-Proofing Co. (See Brandstedt, Paul F., assignor.)						
American Steam Gauge & Valve Manufacturing Company. (See Craig, Charles H., Jr., assignor.)						
American Steel Foundries. (See Barber and Webb, assignors.)						
American Steel Foundries. (See Floyd, George G., assignor.)						
American Steel Foundries. (See Janney, Robert E. L., assignor.)						
American Steel Foundries. (See Kinne, Edmund P., assignor.)						
American Steel Foundries. (See Wright, Frank G., assignor.)						
American Steel Package Company. (See Kruse, Alfred T., assignor.)						
American Steel Package Company <i>et al.</i> (See Kruse, Alfred T., assignor.)						
American Steel and Wire Company. (See Brown, Charles A., assignor.)						
American Steel & Wire Company. (See Cocker, John A., assignor.)						
American Steel & Wire Company. (See Oslund, Charles H., assignor.)						
American Steel & Wire Company. (See Sturdevant, Charles R., assignor.)						
American Steel & Wire Company. (See Swanbum, Sanford, assignor.)						
American Steel & Wire Company of New Jersey. (See Backlin and Eklund, assignors.)						
American Steel and Wire Company of New Jersey. (See Dunn, Horace, assignor.)						
American Steel and Wire Company of New Jersey. (See Meaker, Guy L., assignor.)						
American Steel & Wire Company of New Jersey. (See Oslund, Charles H., assignor.)						
American Stove Company. (See Roy, Joseph, assignor.)						
American Street Sign Company. (See Griffin, Burdett W., assignor.)						
American Suction Gas Producer Company. (See Gerdes, Heinrich, assignor.)						
American Suction Gas Producer Company. (See Higgins, Eugene, assignor.)						
American Suction Gas Producer Company. (See Hilprecht, Robert, assignor.)						
American Suction Gas Producer Company. (See Sandner, Erich, assignor.)						
American Suction Gas Producer Company. (See Seager, Schuyler F., assignor.)						
American Switch and Signal Company. (See Skillman, Arthur D., assignor.)						
American Telegraphphone Company. (See Pedersen, Peder O., assignor.)						
American Telegraphphone Company. (See Poulsen, Valdemar, assignor.)						
American Telephone and Telegraph Company. (See Boyce, Charles L., assignor.)						
American Telephone and Telegraph Company. (See Shreeve, Herbert E., assignor.)						
American Telephone and Telegraph Company. (See Wray, Gardner, and Kinton, assignors.)						
American Telephone and Telegraph Company. (See Yeatman, Walter C., assignor.)						
American Textile Specialty Machinery Company. (See Carey, Daniel J., assignor.)						
American Textile Specialty Machinery Company. (See Foerster, Norbert, assignor.)						
American Textile Specialty Machinery Company. (See Foerster and Carey, assignors.)						
American Textile Specialty Machinery Company. (See Foerster, Carey, and Foster, assignors.)						
American Thread Company. (See Hardman, Peter, assignor.)						
American Tin Plate Company. (See Bray, Charles W., assignor.)						
American Tobacco Company. (See Allison, Oscar W., assignor.)						
American Tobacco Company. (See Coalter, William T., assignor.)						
American Tobacco Company. (See Prescott, Sydney I., assignor.)						
American Tobacco Company. (See Shedlock, Alfred, assignor.)						
American Toy Manufacturing Company. (See Healey, James A., assignor.)						
American Tracing Cloth Company. (See Waechter, William B., assignor.)						
American Trust and Savings Bank, administrator. (See Penberthy, William.)						
American Tube and Stamping Company. (See Lewis, Robert T., Jr., assignor.)						
American Turpentine and Tar Company. (See Gilmer, George O., assignor.)						
American Type Founders Company. (See Benton, Linn B., assignor.)						
American Type Founders' Company. (See White, Charles E., assignor.)						
American Typographic Corporation. (See Richards, Francis H., assignor.)						
American Universal Mill Company. (See Grey, Henry, assignor.)						
American Valve & Meter Company. (See Anderson, Frank C., assignor.)						
American Vending Machine Co. (See Gunder, Claude A., assignor.)						
American Waltham Watch Company. (See Ohlson, Olof, assignor.)						
American Water Purifying Company. (See Pfautz, Daniel M., assignor.)						
American Water Softener Company. (See Spencer, Ira H., assignor.)						
American Wire Cloth Company. (See Christian and Reynolds, assignors.)						
American Wood Working Machinery Company. (See Lompfrey and Budlong, assignors.)						
American Wrapping and Box Machine Company. (See Anitua, Agapito, assignor.)						
American Zinc and Chemical Company. (See Dewey, Chauncey E., assignor.)						
Americus Electro-Hermetic Company. (See Dion, Léon, assignor.)						
Amerling, Harmon B. (See Macartney, Edmund C., assignor.)						
Ames, Addison H., assignor of one-half to J. B. Stahl, Philadelphia, Pa. Emergency-brake.....	814,659	Mar. 13	1315	277	121	345
Ames, Alden T., Galt, Cal. Clamp-guide for pump-rods.....	821,274	May 22	4586	976	122	1199
Ames, Azel, Jr., Cleveland, Ohio, and J. S. Hobson, Edgewood Park, assignors to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.....	821,916	May 29	5870	1248-9	122	1540
Ames, David J., Minneapolis, Minn. Concrete building-block.....	828,993	Aug. 21	2604	549	123	2380
Ames, David J., Minneapolis, Minn. Concrete-block machine.....	828,994	Aug. 21	2606	549-50	123	2381

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ames & Harris. (See Luebbert, Frederick J., assignor.)						
Ames, John F., Portland, Oreg. Mold for depositing printing-roller composition on fabrics.....	816,144	Mar. 27	4390	928	121	1114
Ames, John F., Portland, Oreg. Type-holder for box-printing presses.....	826,303	July 17	3261	674	123	857
Ames, John F., Portland, Oreg. Printing-press.....	833,908	Oct. 23	3882	823-4	124	2291
Ames, John M., New Brighton, N. Y. Body-bolster for railway-cars.....	833,147	Oct. 16	2268	476-7	124	1849
Ames, John M., New Brighton, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Transportation-car and the like.....	814,660	Mar. 13	1317	277-8	121	345
Ames, John M., New Brighton, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Draft-rigging for cars.....	824,698	July 3	1	1	123	3
Ames, Joseph A., Chillicothe, Ohio. Hitching-post strap.....	817,686	Apr. 10	2232	478	121	1903
Amidon, Charles H., Buffalo, N. Y. Planing-machine.....	820,330	May 8	2640	576	122	651
Amiet, L. (See Peak, Charles A., assignor.)						
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Sewing-machine.....	809,600	Jan. 9	2017	418	120	474
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Interchangeable lock and chain stitch sewing-machine.....	809,660	Jan. 9	2132	442	120	499
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Feeding mechanism for sewing-machines.....	809,661	Jan. 9	2135	442-3	120	499
Ammon, Ivan W., St. Petersburg, Russia. Compressed-air motor.....	828,295	Aug. 14	1216	252-4	123	1997
Ammons, John B., Hazen, Ark. Baling-press.....	823,151	June 12	1857	383	122	2180
Amorous, Martin F., Atlanta, Ga. Car-floor and floor-frame.....	815,249	Mar. 13	2511	523	121	606
Amos, Daniel W., and C. H. Jones, Saxton, Pa. Flue or tube cutter.....	818,213	Apr. 17	3322	711	121	2198
Amphion Piano Player Company. (See Doman, Lewis B., assignor.)						
Ams, Max, Mount Vernon, N. Y. Mold compound.....	814,007	Mar. 6	1		121	3
Amsden, Orville O., Cuba, N. Y. Rotary cheese-paraffining machine.....	815,575	Mar. 20	3194	672	121	803
Amsler Engineering Company. (See Amsler, Walter O., assignor.)						
Amsler, Walter O., assignor to Amsler Engineering Company, Pittsburg, Pa. Glass-melting furnace.....	836,731	Nov. 27	3679	785	125	1041
Amundson, Martin O., Ivanhoe, Minn. Lamp-burner.....	810,457	Jan. 23	3802	781	120	950
Anchell, Oscar, Brooklyn, N. Y. Sample-leaf.....	836,358	Nov. 20	2892	613	125	814
Anchor Implement Company. (See Wickham, Amos C., assignor.)						
Ancona, John F., Proctor, Vt. Concrete structure.....	822,499	June 5	523	106	122	1840
Andem, Clinton S., North Grosvenor Dale, Conn. Cloth-tension device for take-up mechanism for looms.....	809,239	Jan. 2	1254	255	120	276
Andereck, William H. (See Wightman, Bishop, and Andereck.)						
Andersen, Andrew M., Chicago, Ill. Cooking utensil.....	835,876	Nov. 13	1947	412	125	531
Andersen, Andrew M., and H. H. Achershaug, Chicago, Ill.; said Achershaug assignor to said Andersen. Burglar-alarm.....	821,918	May 29	5877	1250	122	1541
Andersen, Christian, and K. Bertram, assignors to H. F. Brammer Manufacturing Co., Davenport, Iowa. Mechanical movement.....	824,969	July 3	591	118-19	123	157
Andersen, Peder, assignor to O. Hanson, Seattle, Wash. Horse-blanket.....	808,803	Jan. 2	361	78	120	80
Andersen, Peter, Langdrathof, Hadersleben, Germany. Milking apparatus.....	823,316	June 12	2214	461-2	122	2259
Anderson, Adolf. (See Thorelius, John E., assignor.)						
Anderson, Albert C., Brooklyn, N. Y. Ash-dump for stoves.....	827,281	July 31	5301	1099	123	1402
Anderson, Albert D., executor. (See Anderson, Valerius D.)						
Anderson, Alfred, Chicago, Ill. Pneumatic action for pianos.....	821,917	May 29	5874	1249	122	1541
Anderson, Alfred, Detroit City, Minn. Switch operating and locking device.....	828,263	Aug. 7	1111	234	123	1941
Anderson, Alfred, assignor of three-fourths to A. G. Wedge, H. Rasmussen, and P. K. Haslerud, Detroit City, Minn. Switch operating and locking mechanism.....	818,651	Apr. 24	4215	906	121	2443
Anderson, Alfred, assignor of three-fourths to A. G. Wedge, H. Rasmussen, and P. K. Haslerud, Detroit City, Minn. Switch operating and locking mechanism.....	838,834	Dec. 18	3077	603	125	2202
Anderson, Alonzo A., Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Marginal paper-guide for type-writing machines.....	829,093	Aug. 21	2809	590	123	2435
Anderson, Anders, Plainfield, N. J. Reciprocating bed-actuating apparatus for printing-presses and other machines.....	817,215	Apr. 10	1326	277	121	1713
Anderson, Andrew, Mason, Wis. Oar-lock.....	813,762	Feb. 27	4462	986	120	2604
Anderson, Andrew M., et al. (See Stenstrom, John P., assignor.)						
Anderson, Andrew R., Brooklyn, N. Y. Shoe-holder.....	830,632	Sept. 11	1506	311-12	124	405
Anderson, Andrew R., Brooklyn, N. Y. Tool-handle.....	835,149	Nov. 6	556	113	125	141
Anderson, Anton, and W. E. Palmer, Grantsville, Utah. Hay-fork.....	811,266	Jan. 30	5399	1126	120	1332
Anderson, August, Birmingham, Ala. Horseshoe.....	815,399	Mar. 20	2878	598	121	734
Anderson, August, Birmingham, Ala. Clamp.....	825,171	July 3	965	203	123	252
Anderson, August M., Moorhead, Minn. Excavator.....	818,214	Apr. 17	3323	711-12	121	2198
Anderson, August M., Moorhead, Minn. Excavator.....	818,215	Apr. 17	3327	712-13	121	2198
Anderson, Axel F. (See Cleveland, Charles J., assignor.)						
Anderson-Barngrover Mfg. Co. (See Anderson, William C., assignor.) (Reissue.)						
Anderson, Carl F., Chicago, Ill. Time-controlled damper.....	836,853	Nov. 27	3902	833	125	1099
Anderson, Carl G., Blair, Nebr. Magazine-firearm.....	829,313	Aug. 21	3281	692	123	2551
Anderson, Cecil R., Ben Avon, Pa. Mine-door.....	830,281	Sept. 4	778	159	124	195
Anderson, Charles. (See Mumm, Quimby, and Anderson.)						
Anderson, Charles H., Chicago, Ill. Conveyor.....	813,134	Feb. 20	3241	711-13	120	2283
Anderson, Charles H., Chicago, Ill. Conveyor.....	831,495	Sept. 18	3182	673	124	856
Anderson, Charles O., assignor of one-half to A. T. Austin, Omaha, Nebr. Slack-adjuster.....	823,095	June 12	1743	359	122	2155
Anderson, Christian, Minneapolis, Minn. Box-fastener.....	830,817	Sept. 11	1873	390	124	502
Anderson, Christopher, Manitowoc, Wis. Snow-skate.....	829,050	Aug. 21	2728	573	123	2413
Anderson, Clarence A., Salina, and W. Hagstrom, Lindsborg, assignors of one-third to J. Anderson, Salina, Kans. Automatic release for party-line exchanges.....	832,946	Oct. 9	1870	388	124	1701
Anderson, Cooper. (See Glessner, Charles E., assignor.)						
Anderson Coupling Company. (See Anderson, John, assignor.)						
Anderson, David, Westcliff-on-Sea, England. Burner for incandescent gas-lighting.....	815,777	Mar. 20	3635	764	121	898
Anderson, David F., assignor to E. Childrens Sons Manufacturing Co., Council Bluffs, Iowa. Push or sweep hay-rake.....	836,171	Nov. 20	2522	530	125	723
Anderson, Edward, et al. (See Larkin, Patrick H., assignor.)						
Anderson, Edward, Harvey, Ill. Stay for screen-doors.....	814,763	Mar. 13	1543	326	121	397
Anderson, Edward H., Schenectady, N. Y., assignor to General Electric Company. Control of automobile-motors.....	811,533	Feb. 6	1	1	120	1485
Anderson, Edward H., Schenectady, N. Y., assignor to General Electric Company. Power-transmitting mechanism.....	829,827	Aug. 28	4383	925-6	123	2870
Anderson, Edward V., Pittsburg, Pa. Stand-pipe for railways.....	811,812	Feb. 6	521	116-17	120	1596
Anderson, Edward V., Pittsburg, Pa. Valve.....	811,813	Feb. 6	523	117	120	1597
Anderson, Edward V., Pittsburg, assignor of two-thirds to C. E. Golden, Crafton, Pa. Steam-trap.....	819,497	May 1	921	202	122	206
Anderson, Ellis B., Demopolis, Ala. Cake-forming machine.....	822,568	June 5	671	137	122	1876
Anderson, Emil L., Philadelphia, Pa. Fountain-brush.....	828,364	Aug. 14	1364	287	123	2033

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Anderson, Floyd. (See McMillen and Anderson.)						
Anderson, Floyd L., Auburn, Nebr. Cultivator	815,323	Mar. 20	2701	562	121	695
Anderson, Frank C., Cincinnati, Ohio. Point-rail guard	830,402	Sept. 4	1018	213	124	251
Anderson, Frank C., assignor of one-half to American Valve & Meter Company, Cincinnati, Ohio. Double automatic latch	815,136	Mar. 13	2282	477	121	553
Anderson, Frank C., assignor of one-half to American Valve & Meter Company, Cincinnati, Ohio. Adjustable rail-brace	837,175	Nov. 27	4569	969	125	1259
Anderson, Frank C., assignor to American Valve & Meter Company, Cincinnati, Ohio. Switch-interlocking mechanism	839,089	Dec. 25	3583	775	125	2371
Anderson, Frank E., New York, N. Y. Mail-chute	821,275	May 22	4587	977	122	1199
Anderson, Frank W., Westfield, N. Y. Horse-hoe	816,418	Mar. 27	4967	1055-6	121	1256
Anderson, Frederic, assignor of one-half to J. D. Ellis, Johannesburg, Transvaal. Stop-valve	834,878	Nov. 6	3	1	125	3
Anderson, Frederick F., New York, N. Y. Cigarette-machine	811,118	Jan. 30	5081	1062	120	1263
Anderson, Frederick F., New York, N. Y. Means for cleaning floors	811,119	Jan. 30	5083	1063	120	1264
Anderson, Frederick F., New York, N. Y. Time egg-boiler	820,034	May 8	2061	451	122	522
Anderson, Frederick L., assignor of two-thirds to F. B. Burnham and F. J. Woodus, Haverhill, Mass. Non-refillable bottle	827,051	July 24	4788	999	123	1259
Anderson, George B. (See Hanks, Edith, assignor.)						
Anderson, Gerard H., Moultrie, Fla. Clamp	830,128	Sept. 4	460	93	124	116
Anderson, Gustaf A., assignor to Geiser Manufacturing Company, Waynesboro, Pa. Separator	818,216	Apr. 17	3331	714	121	2199
Anderson, Gustaf A., assignor to Geiser Manufacturing Company, Waynesboro, Pa. Tank for traction-engines	818,217	Apr. 17	3332	714	121	2199
Anderson, Gustaf A., assignor to Geiser Manufacturing Company, Waynesboro, Pa. Wheel-bearing	818,218	Apr. 17	3333	714	121	2200
Anderson, Gustaf A., assignor to Geiser Manufacturing Company, Waynesboro, Pa. Gang-plow	818,219	Apr. 17	3334	714-15	121	2200
Anderson, Gustaf A., assignor to Geiser Manufacturing Company, Waynesboro, Pa. Valve-gear	838,933	Dec. 18	3254	704	125	2242
Anderson, Gustaf B., Chicago, Ill. Skimmer for milk-bottles	832,522	Oct. 2	1001	201	124	1453
Anderson, Gustaf Y., Seattle, Wash. Saw-set	819,114	May 1	166	33	122	44
Anderson, Gustave E., Allegheny, Pa. Rotary engine	821,449	May 22	4961	1055-6	122	1282
Anderson, Hans, Crystal, N. D. Cultivator	839,445	Dec. 25	4291	918	125	2545
Anderson, Hans J. (See Kleiner and Anderson.)						
Anderson, Hans M. L., Chicago, Ill. Paper box	829,563	Aug. 28	3838	815	123	2737
Anderson, Harold B. (See Winton and Anderson.)						
Anderson, Harold B., and A. Winton, assignors to Winton Motor Carriage Company, Cleveland, Ohio. Oilier	837,024	Nov. 27	4267	908	125	1184
Anderson, Henry O. (See Waller, John A., assignor.)						
Anderson, Isaac, McCabe, Ariz. Ter. Tank	833,288	Oct. 16	2575	538	124	1929
Anderson, James, Harrodsburg, Ky. Trace	823,661	June 19	2896	613	122	2468
Anderson, James A. (See Latulip, Fred, assignor.)						
Anderson, James A., New York, N. Y. Plunger-guide for elevators	827,282	July 31	5303	1099	123	1403
Anderson, James A., assignor to Montauk Engineering Company, New York, N. Y. Automatic oil-cup	827,283	July 31	5304	1099	123	1403
Anderson, James C., Highland Park, Ill. Bottle	816,419	Mar. 27	4970	1056	121	1237
Anderson, James C., Highland Park, Ill. Bottle	817,033	Apr. 3	970	199	121	1575
Anderson, James S., Ames, Nebr. Automatic railway-signal	817,293	Apr. 10	1484	312	121	1744
Anderson, James S., Ames, Nebr. Electric signaling system	835,384	Nov. 6	1027	219	125	260
Anderson, James W., Santa Cruz, Cal. Multiple-view camera	835,209	Nov. 6	667	138	125	169
Anderson, Joachim, Seattle, Wash. Variable-speed gearing	814,502	Mar. 6	1006	207	121	219
Anderson, John. (See Anderson and Hagstrom, assignors.)						
Anderson, John, <i>et al.</i> (See Norstrom, Nils E., assignor.)						
Anderson, John. (See Thannheimer, Josef, assignor.)						
Anderson, John, Boston, Mass. Means for muting vibrations in railway-rails	811,535	Feb. 6	4	1	120	1485
Anderson, John, assignor to Anderson Coupling Company, Portland, Conn. Cable-joint housing	827,951	Aug. 7	516	106	123	1800
Anderson, John, assignor to Anderson Coupling Company, Portland, Conn. Wrench	834,242	Oct. 30	4727	1000	124	2542
Anderson, John H., St. Paul, Minn. Vehicle-body	827,071	July 31	4861	1013	123	1291
Anderson, John N., assignor to C. W. Hoffman, New York, N. Y. Reversing-switch	820,331	May 8	2643	576-7	122	652
Anderson, John S., St. Louis, Mo., assignor to North & Judd Manufacturing Company, New Britain, Conn. Breast-strap slide and attachment	809,927	Jan. 16	2632	544	120	663
Anderson, Joseph C. (See Konkle and Anderson.)						
Anderson, Joseph C., Cordova, Ala. Hinge	823,911	June 19	3358	716	122	2508
Anderson, Julian C., assignor to Duplex Envelope and Printing Company, Inc., Richmond, Va. Coin-holding card	815,502	Mar. 20	3062	638	121	775
Anderson, Knud, Tacoma, Wash., and L. Pederson, assignors of one-third to H. Meyer, Manitowoc, Wis. Door-securer	810,692	Jan. 23	4244	879	120	1049
Anderson, Lars, assignor to Triplex Gas Engine Company, New York, N. Y. Piston connection for piston-rods	839,446	Dec. 25	4292	918	125	2546
Anderson, Lars, Chicago, Ill., assignor to H. S. Morton, New York, N. Y., G. W. Stahl, Chicago, Ill., and Triplex Gas Engine Company, New York, N. Y. Piston-rod connection	838,603	Dec. 18	2648	570	125	2097
Anderson, Lee, Paris, Tex. Bottle	831,133	Sept. 18	2500	527	124	683
Anderson, Leman C., Indianapolis, Ind. Weather-board gage	810,246	Jan. 16	3309	686	120	805
Anderson, Lewis. (See Porter and Anderson.)						
Anderson, Louis. (See Durn and Anderson.)						
Anderson, Milton S., Manistee, Mich. Lock for cross-wires	819,968	May 8	1899	420	122	484
Anderson, Neal L., Montgomery, Ala., assignor to Underwood Typewriter Company, New York, N. Y. Type-writer-ribbon threader	835,722	Nov. 13	1661	352	125	463
Anderson, Nelson F., Los Angeles, Cal. Fruit-clipper	828,798	Aug. 14	2209	469	123	2251
Anderson, Oliver L., Dallas, Tex. Folding crate	819,837	May 8	1608	341	122	423
Anderson, Oliver N., Lancaster, Pa. Heater	828,702	Aug. 14	2023	427	123	2202
Anderson, Peirce, Chicago, Ill. Stair	836,172	Nov. 20	2523	530	125	724
Anderson, Robert, Cincinnati, Ohio. Electrical speed-indicator	815,778	Mar. 20	3637	764-5	121	898
Anderson, Robert, assignor to Ferro Concrete Construction Company, Cincinnati, Ohio. Reinforced concrete covering for structural members	835,723	Nov. 13	1663	352	125	463
Anderson, Robert, assignor to Ferro Concrete Construction Company, Cincinnati, Ohio. Temporary framing for use in concrete-work	835,724	Nov. 13	1663	353	125	463
Anderson, Rowland, Chihuahua, Mexico. Railway-spike	810,458	Jan. 23	3803	781	120	950
Anderson, Samuel L., Kanawha Station, W. Va. Rail-tie and fastener	839,698	Dec. 25	4810	1028	125	2672
Anderson, Sigurd E., <i>et al.</i> (See Kastner, John, Jr., assignor.)						
Anderson, Swan, assignor of one-half to I. N. Funk, W. A. Kelly, Ottumwa, Iowa, and J. B. Roach, Aurora, Ill. Drain-cock for steam-cylinders	817,294	Apr. 10	1488	312	121	1745
Anderson, Sylvester, Williams, Ind. Gate	837,025	Nov. 27	4270	908	125	1184

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Anderson, Theodore M., Bellingham, Wash. Soap bar.....	818,652	Apr. 24	4217	906	121	2444
Anderson, Theodore M., Bellingham, Wash. Clothes-drier.....	826,823	July 24	4342	903	123	1151
Anderson, Thomas H., Lynn, Mass. Carton or package.....	831,760	Sept. 25	3746	784	124	1042
Anderson, Thomas M., and R. Wormald, Oldham, England. Machine for rolling screw-nut blanks.....	817,360	Apr. 10	1604	339	121	1771
Anderson Tool Company. (See Dunn, Frank P., assignor.)						
Anderson Tool Company. (See Emanuel, Benjamin D., assignor.)						
Anderson, Valerius D., deceased, Cleveland, Ohio; A. D. Anderson, executor. Press.....	829,314	Aug. 21	3285	693-4	123	2552
Anderson, Valerius D., deceased, Cleveland, Ohio; A. D. Anderson, executor. Press.....	829,315	Aug. 21	3289	694	123	2553
Anderson, Walter S., U. S. Navy. Eyeglass-retainer.....	836,796	Nov. 27	3805	810	125	1076
Anderson, William C., assignor, by mesne assignments, to Anderson-Barngrover Mfg. Co., San Jose, Cal. Fruit-grader. (Reissue).....	12,459	Feb. 27	4963	1099	120	2707
Anderson, William D. (See Rock and Anderson.)						
Anderson, William H. (See Sandberg, Emil, assignor.)						
Anderson, William J., and J. W. Horney, Loda, Ill. Corn-planter.....	814,182	Mar. 6	348	71	121	76
Anderson, William M., Pittsburg, Pa. Glass-furnace.....	808,804	Jan. 2	362	78	120	80
Anderson, William M., Pittsburg, Pa. Leer.....	813,194	Feb. 20	3341	735	120	2304
Anderson, William N., San Rafael, Cal. Folding furniture.....	819,969	May 8	1901	421	122	484
Anderson, William T., Brooklyn, N. Y. Bathing-suit.....	839,699	Dec. 25	4812	1028	125	2672
Anderson, Winfield S., Cincinnati, Ohio. Cupola.....	820,167	May 8	2339	509	122	583
Anderson, Zacharias, Minneapolis, Minn. Machine for the manufacture of building-blocks.....	832,441	Oct. 2	850	164	124	1417
Andersson, Gustaf M., assignor of one-half to F. H. Kasperson, Hyde Park, Mass. Flexible tubing.....	832,523	Oct. 2	1002	201	124	1453
Andersson, John A., Worcester, Mass. Threshold-gage.....	827,284	July 31	5306	1100	123	1404
Andersson, Otto, Olofström, Sweden. Manufacturing seamless plate-metal vessels of angular cross-section.....	830,193	Sept. 4	584	119	124	149
Anderton, Charles, Jr. (See Leppert, William, assignor.)						
Andes, Michael, Wilkes-Barre, Pa. Bituminous-coal fuel.....	830,953	Sept. 11	2111		124	560
Andlauer, Raymond. (See Fink and Andlauer.)						
André, Fritz. (See Massott, Adam, Jr., assignor.)						
André, Henri E. A., Paris, France, assignor to Western Electric Company, Chicago, Ill. Apparatus for telephone-switchboards.....	816,894	Apr. 3	689	142	121	1511
Andrée, William E., Chicago, Ill., assignor to Nelson & Kreuter Company. Centrifugal machine.....	816,058	Mar. 27	4212	893	121	1075
Andrée, William E., Chicago, Ill., assignor to Nelson & Kreuter Company. Ironing-machine.....	825,441	July 10	1549	320	123	423
Andrée, William E., assignor to Nelson & Kreuter Company, Chicago, Ill. Ironing-machine.....	836,797	Nov. 27	3807	810-11	125	1076
Andresen, Christian, St. Louis, Mo. Clasp.....	830,759	Sept. 11	1775	366	124	478
Andresen, Momme, O. Magerstedt, and G. Ollendorff, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Receptacle.....	814,503	Mar. 6	1008	207	121	220
Andrew, James T., Montgomery, Ala. Trousers-brace and stocking-support.....	835,343	Nov. 6	940	199	125	237
Andrew, James T., Montgomery, Ala. Self-restoring trolley.....	837,771	Dec. 4	984	221	125	1598
Andrews, Alexander, Carbondale, Ill. Fluid-pressure regulator.....	821,574	May 22	5180	1106	122	1327
Andrews, Alta B., administratrix. (See Bortree, Louis S.)						
Andrews, Arthur H., Brooklyn, N. Y. Drafting device.....	830,282	Sept. 4	780	160	124	196
Andrews, Charles H., West Chester, Pa. Machine-for eyeletting envelops, tags, or the like.....	823,021	June 12	1584	328-9	122	2123
Andrews, Edwin E., Akron, Ohio. Friction-clutch.....	832,524	Oct. 2	1004	202	124	1454
Andrews, Edwin E., assignor to Automatic Clutch Company, Akron, Ohio. Friction-clutch.....	818,331	Apr. 17	3556	761-2	121	2246
Andrews, Frederick A., London, England. Gas-controlling device for incandescence and other gas-lamps.....	829,751	Aug. 28	4222	894	123	2829
Andrews, Frederick A., assignor to W. A. S. Benson and Company, Limited, London, England. Pendant gas and other lamp.....	812,111	Feb. 6	1151	253	120	1723
Andrews, George C., Minneapolis, Minn. Machine for punching metal.....	808,712	Jan. 2	172	39	120	39
Andrews, George K., Webster Groves, Mo. Signaling system for railways.....	838,492	Dec. 11	2421	526	125	1998
Andrews, George S., Butler, Pa. Igniter for cigar-lighters.....	832,947	Oct. 9	1872	388	124	1702
Andrews, Guy H., Eastland, Cal. Electric clock.....	817,892	Apr. 17	2677	582-3	121	2055
Andrews, Horace W., assignor to Canton Steel Roofing Company, Canton, Ohio. Division-plate and tablet-holder.....	818,012	Apr. 17	2926	632	121	2113
Andrews, Ignatius, New York, N. Y. Folding baby-carriage and cradle.....	810,247	Jan. 16	3311	686-7	120	806
Andrews, John K., Elgin, Ill. Lawn-vase.....	820,168	May 8	2341	509	122	583
Andrews, John M., assignor of one-third to J. O. Check, Columbia, Tenn. Cotton-chopper.....	817,613	Apr. 10	2109	446	121	1875
Andrews, Leonard, Hastings, England, assignor to Stanley Electric Manufacturing Company. Magnetic cut-out apparatus.....	822,234	June 5	3	1-2	122	1729
Andrews, Leonard, Manchester, England, assignor to Stanley G. I. Electric Manufacturing Company. Reverse-current cut-out.....	829,828	Aug. 28	4388	926	123	2871
Andrews, Leonard, Manchester, England, assignor to Stanley G. I. Electric Manufacturing Company. Protective device for alternating-current circuits.....	833,194	Oct. 16	2373	497	124	1876
Andrews, Solon L. (See Rogers, Joseph W., assignor.)						
Andrews, Thomas, Rockaway, N. J. Tube-cleaner.....	828,173	Aug. 7	956	197	123	1905
Andrews, Thomas A., Grantville, Ga. Gin-feed governor.....	826,463	July 17	3571	744	123	934
Andrews, Thomas M., Nashville, Tenn. Valve for engines.....	811,117	Jan. 30	5078	1061-2	120	1263
Andrews, W. K. (See Thomas, Bert H., assignor.)						
Andrews, Walter P., et al. (See Harris, William A., assignor.)						
Andrews, Walter P. (See Little, Ansel B., assignor.)						
Andrews, William S., Schenectady, N. Y., assignor to General Electric Company. Electric time-switch.....	832,568	Oct. 2	1090	218	124	1476
Andrews, William S., Schenectady, N. Y., assignor to General Electric Company. Current-rectifier.....	835,344	Nov. 6	941	199	125	238
Andrus, Curt C., et al. (See Fisher, Charles A., assignor.)						
Andrus, Herbert B., Buffalo, N. Y. Gun-sight.....	811,267	Jan. 30	5401	1127	120	1333
Andrus, Randolph C. (See Sharp and Andrus.)						
Angeletti, Joseph, Kenosha, Wis. Flexible window-screen.....	819,396	May 1	733	156	122	167
Angell, Edmund R., Derry, N. H. Acetylene-generator.....	833,148	Oct. 16	2270	477	124	1850
Angell, Fredrick P., assignor to American Column Company, (Limited,) Battle Creek, Mich. Stapling-machine.....	826,081	July 17	2856	592-3	123	761
Angell, Fredrick P., assignor to American Column Company, (Limited,) Battle Creek, Mich. Column.....	826,082	July 17	2859	593	123	762
Angell, George E., Detroit, Mich. Cross-tie.....	826,527	July 24	3769	781	123	1003
Angell, George O., Philadelphia, Pa. Furnace for sulfating zinc-bearing ores.....	837,273	Dec. 4	5	1-2	125	1356
Angell, Joseph P., Pine Bluff, Ark. Railway-track.....	824,970	July 3	594	119	123	158
Angell, Joseph P., Pine Bluff, Ark. Combined check and tag.....	835,385	Nov. 6	1029	220	125	260
Angell, Ralph J., Clinton, Wis. Cement fence-post.....	830,954	Sept. 11	2112	446	124	560

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. &.	Vol.	Page.
Angels Iron Works. (See Demarest and Lillie, assignors.)						
Anger, John E. (See Stanley and Anger.)						
Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Railway-switch.	814,504	Mar. 6	1009	208	121	220
Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Railway-switch.	814,505	Mar. 6	1010	208	121	220
Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Railway-track structure.	825,172	July 3	966	203	123	252
Angermann, Max, New York, N. Y. Rotary engine.	836,430	Nov. 20	3053	948-9	125	852
Angle, Harrison M., Newark, N. J. Savings-receptacle.	819,115	May 1	167	33-4	122	44
Anglin, Wallace W., assignor of one-half to J. A. Lamun, Buffalo, Mo. Rail-joint.	810,598	Jan. 23	4077	840	120	1010
Angus, Anna A., and D. B. Cameron, New York, N. Y. Manicuring appliance.	811,992	Feb. 6	932	204	120	1679
Aniline Colour and Extract Works, formerly John R. Geigy. (See Hagenbach, John, assignor.)						
Animal Trap Company. (See Graves and Kelley, assignors.)						
Anitua, Agapito, Havana, Cuba, assignor, by mesne assignments, to American Wrapping and Box Machine Company, New York, N. Y. Machine for wrapping or packing small articles.	832,766	Oct. 9	1501	302-4	124	1615
Ank, Jacob P., assignor of one-half to W. A. Harper, Crawfordsville, Iowa. Rail-joint.	819,035	May 1	2	1	122	3
Ankeny, Oliver P., Deadwood, S. D. Sampler for sampling sands in cyanid-tanks and other material.	828,527	Aug. 14	1688	356	123	2116
Anker-Holth, Severin C., Riverside, Ill. Friction-clutch.	813,396	Feb. 27	3760	826	120	2449
Anker-Holth, Severin C., Riverside, Ill., assignor to International Harvester Company. Journal-bearing.	814,822	Mar. 13	1663	348	121	422
Anker, Louis, Hamburg, Germany. Packing of filter-plates.	834,864	Oct. 30	5960	1265	124	2854
Ankerson, Paul P., Davenport, Iowa. Washing-machine.	831,761	Sept. 25	3748	785	124	1042
Annable, Warren W., Grand Rapids, Mich. Trolley-stand.	820,280	May 8	2561	556	122	633
Annable, Warren W., assignor of one-half to B. S. Hanchett, Grand Rapids, Mich. Motor-wheel for vehicles.	834,879	Nov. 6	5	1	125	3
Annan, George H., assignor to Jolt Lubricator Company, Providence, R. I. Lubricator.	833,149	Oct. 16	2273	477-8	124	1850
Annard, Robert C., South Shields, England. Manufacture of stereotypes and the like.	815,999	Mar. 27	4076	863	121	1043
Annard, Robert C., South Shields, England. Means for supplying rolls of paper to web-printing machines.	827,072	July 31	4865	1013	123	1292
Annard, Robert C., South Shields, England. Rotary web-printing machine.	834,602	Oct. 30	5413	1148-52	124	2715
Annis, John E. (See Lieb, Robert C., assignor.)						
Anröchte, Christianus A. F., Amsterdam, Netherlands. Permutation-lock.	831,921	Sept. 25	4096	853	124	1128
Ansell, John N., San Francisco, Cal. Course and bearing finder for vessels.	839,700	Dec. 25	4813	1029	125	2673
Ansley, George W., assignor of one-half to F. Mann and E. H. Chittenden, Medical Lake, Wash. Apparatus for siphoning liquids from bottles.	825,173	July 3	967	204	123	252
Ansley, Marcus A. N., Toronto, Ontario, Canada. Hand-corkscrew.	834,603	Oct. 30	5425	1152	124	2718
Ansley, William S. (See Estes, William B., assignor.)						
Anson, Ulysses G., Park City, Utah. Finger-exerciser.	818,332	Apr. 17	3560	762	121	2247
Ansoerge, Eugene K., Greenbay, Wis. Wrench.	810,599	Jan. 23	4078	840	120	1011
Anstice, Josiah. (See Smith, Edward F., assignor.)						
Antes, Margaretha. (See Antes, Mathias, assignor.)						
Antes, Mathias, assignor to M. Antes, New York, N. Y. Non-refillable bottle.	814,008	Mar. 6	1	1	121	3
Anthony, Daniel E., assignor of one-half to E. E. Mellen, Akron, Iowa. Corn-harvester.	810,693	Jan. 23	4246	879-80	120	1049
Anthony, Edgar G., New York, N. Y. Picture-frame.	811,355	Jan. 30	5566	1161	120	1368
Anthony, Edgar W. (See Barber, William M., assignor.)						
Anthony, Marcus O., New York, N. Y. Match-box.	826,464	July 17	3573	744	123	935
Anthony, Thomas L. (See Shary and Anthony.)						
Anti-Friction Journal Box Company. (See Fleming, William T., assignor.)						
Antifiction Journal Box Company. (See Allen, Delos, assignor.)						
Antignit-Gesellschaft mit Beschränkter Haftung. (See Mayer, Emil W., assignor.)						
Antoni, Henry A., Mount Washington, Mo. Mop.	834,880	Nov. 6	6	2	125	4
Apel, Charles. (See Wilson and Apel.)						
Apgar, Gorman J., Robinson, Ill. Cement-block machine.	810,019	Jan. 16	2830	585	120	705
Apgar, John T., New York, N. Y. Artificial leg.	820,082	May 8	2170	472-3	122	546
Apostoloff, Serge B., London, England. Utilizing the nutritive properties of mid-dings.	826,824	July 24	4343	904	123	1151
Appel, Daniel, Cleveland, Ohio. Rotary machine.	826,985	July 24	4652	968-9	123	1226
Appenzeller, William H., Greenville, Ohio, and D. A. House, Indianapolis, Ind. Railway-tie.	828,448	Aug. 14	1519	320	123	2072
Appert, Leon, Paris, France. Manufacturing window-glass.	809,418	Jan. 9	1653	339-40	120	396
Apple, Pearley O. (See Lefforge and Apple.)						
Apple, Vincent G., Dayton, Ohio. Gas-engine.	811,757	Feb. 6	410	90	120	1576
Appleby, John F., Chicago, Ill., assignor to Dixie Cotton Picker Co., Redfield, S. D. Cotton-harvesting machine.	828,264	Aug. 7	1113	235-6	123	1942
Applegate, Albert W., assignor of one-half to C. F., A. F., and H. Eckert, Brawley, Cal. Irrigation-dam.	820,332	May 8	2647	578	122	653
Applegate, Clarence R., Evansville, assignor of five-eighths to S. A. Schmitt, Vanderburg county, Ind. Filter.	810,020	Jan. 16	2832	586	120	706
Appleton, Albert I., Chicago, Ill. Finishing or guard ring for electric conduits.	837,654	Dec. 4	757	173	125	1542
Appleton, David, West Kensington, England. Cooking apparatus.	822,569	June 5	676	138	122	1876
Appleton, Eugene G., Burlington, Iowa. Paint-mixer and lead-breaker.	833,498	Oct. 16	3016	640	124	2034
Appleton, John, Plymouth, Cal. Memorandum attachment for books.	825,174	July 3	969	204	123	253
Appleton Machine Company. (See Goodrick, Edward W., assignor.)						
Appleton, Wallace N., Kent, assignor of one-third to G. L. Darrow, Hudson township, and W. T. Vaughan, Akron, Ohio. Link-closing device.	835,696	Nov. 13	1609	342	125	449
Appleton, Wallace N., Kent, assignor of one-third to G. L. Darrow, Hudson township, and W. T. Vaughan, Akron, Ohio. Link-forming machine.	835,697	Nov. 13	1611	343	125	449
Appleyard, Rollo, Silvertown, England. Ball.	808,713	Jan. 2	174	40	120	39
Apstein, David, Bridgeport, Conn. Pneumatic-tire plug.	818,402	Apr. 24	3701	795	121	2333
Apstein, David, Bridgeport, Conn. Tire-plug.	825,287	July 10	1186	251	123	327
Apstein, David, Bridgeport, Conn. Talking-machine.	837,274	Dec. 4	7	2	125	1356
Aptekman, Lazaridas, and C. C. O. Van Lemnep, London, England. Apparatus for flattening or shaping the sides of cigarettes.	828,799	Aug. 14	2210	470	123	2251
Aradi, Johann, Präfalu, Austria-Hungary. Dismountable building.	809,163	Jan. 2	1063	221	120	233
Arbecam Nautical Instrument Co. (See How, Benjamin V., assignor.)						
Arbeter Felling Machine Company. (See Arbeter, Wolf, assignor.)						
Arbeter, Wolf, Chelsea, assignor to Arbeter Felling Machine Company, Boston, Mass. Sewing-machine.	830,699	Sept. 11	1650	339-40	124	445
Arbours, Benjamin F., Allegheny, Pa. Wrench.	828,174	Aug. 7	957	197	123	1904
Arbuthnot, Charles, McKees Rocks, Pa. Horseshoe-shaping machine.	813,135	Feb. 20	3245	713-14	120	2285

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Arcade Manufacturing Company. (See Bitner, Harry, assignor.)						
Archer, James, Manchester, England. Variable-speed gear.	832,442	Oct. 2	852	164	124	1418
Archer, William S., Providence, R. I. Machine for disintegrating, cleaning, and assorting fibrous materials.	810,898	Jan. 30	4661	971	120	1171
Arco, Georg von, Berlin, Germany. Resonance-circuit.	820,169	May 8	2342	509	122	584
Arduino, Amedeo A. (See Arduino, Peter W. and A. A.)						
Arduino, Peter W. and A. A., Stamford, Conn. Electric lamplighter.	810,384	Jan. 23	3628	747	120	909
Arend, Francis J., <i>et al.</i> (See Berrigan, John J., assignor.)						
Arents, George, Jr., <i>et al.</i> (See Tyberg and Mantle, assignors.)						
Arey, Fred C., Chicago Heights, Ill. Tool for bonding rails.	812,803	Feb. 20	2561	564	120	2133
Arey, Fred C., assignor to Railway Appliances Company, Chicago, Ill. Locomotive snow and ice flanger.	816,526	Mar. 27	5179	1099	121	1283
Argall, Frank L., San Jose, Cal. Dental swaging apparatus.	821,150	May 22	4359	927	122	1149
Argall, Philip, Denver, Colo. Suction-filter.	822,812	June 5	1149	236-7	122	1980
Argue, John E., Red Lake Falls, Minn. Dental tool.	836,001	Nov. 13	2159	463	125	581
Arithmetical Scale Co. (See Culmer, John W., assignor.)						
Arithmograph Company. (See Howieson, John T., assignor.)						
Ariztia, Juan L., Iquique, Chile. Merry-go-round.	820,901	May 15	3822	815-16	122	969
Arline, Thomas J. (See Brown, Mark A., assignor.)						
Arlington Company. (See Chapman and Stone, assignors.)						
Arlington Company. (See Stone, Wilbur M., assignor.)						
Arlington Mills. (See Bridge, John W., assignor.)						
Arn-Spear Manufacturing Company. (See Spear, Furman D., assignor.)						
Armman, Halldor E. H., Gardar, N. D. Scrubbing device.	815,324	Mar. 20	2702	562	121	695
Armbrust, Charles W., Chicago, Ill. Brake-shoe.	817,541	Apr. 10	1978	419	121	1849
Armbrust, Charles W., Chicago, Ill. Brake-shoe.	817,893	Apr. 17	2682	583	121	2056
Armbrust, Charles W., Chicago, Ill. Brake-shoe.	817,894	Apr. 17	2684	583	121	2056
Arment, James A., Dodge City, Kans. Voting-machine.	838,761	Dec. 18	2935	632-4	125	2167
Armentrout, Luther E., Coaldale, W. Va. Means for operating the gates of coal-tipples.	814,009	Mar. 6	2	1	121	3
Armes, Scott, Montgomery, Ind. Wire-stretcher.	809,767	Jan. 9	2330	482	120	544
Armintrout, Ira E., <i>et al.</i> (See Lindsay, Leroy J., assignor.)						
Armintrout, James E., <i>et al.</i> (See Lindsay, Leroy J., assignor.)						
Armitage-Herschell Company. (See Armitage, James W., assignor.)						
Armitage, James W., assignor to Armitage-Herschell Company, North Tonawanda, N. Y. Riding-gallery.	815,503	Mar. 20	3063	638	121	775
Armor, James C., assignor to G. Westinghouse, Pittsburg, Pa. Thermal cut-out for electric circuits.	822,836	June 5	222	46	122	1775
Armour & Company. (See Manns and Koch, assignors.)						
Armstrong, Albert H., Schenectady, N. Y., assignor to General Electric Company. Induction-motor control.	811,758	Feb. 6	414	91	120	1576
Armstrong-Blum Manufacturing Company. (See Blum, George J., assignor.)						
Armstrong, Charles C., Marysville, Ohio. Window or like screen.	825,952	July 17	2597	539	123	694
Armstrong, Charles G., and C. A. Dresser, assignors to G. A. E. and F. W. Kohler, Chicago, Ill. Electrical door-opener for elevators.	814,928	Mar. 13	1837	385	121	458
Armstrong, Charles G., and C. A. Dresser, assignors to G. A. E. and F. W. Kohler, Chicago, Ill. Automatic checking device for elevators.	814,929	Mar. 13	1839	385	121	459
Armstrong, Charles L., St. Louis, Mo. Gas-producer.	837,026	Nov. 27	4270	908	125	1184
Armstrong, Clara S., Columbus, Ohio. Curtain-pole lifter.	817,741	Apr. 17	2348	504	121	1985
Armstrong, Clara S., Columbus, Ohio. Picture-hanger.	828,012	Aug. 7	646	132	123	1830
Armstrong Cork Company. (See Busch, Herman F., assignor.)						
Armstrong, Edwin J., Erie, Pa. Valve mechanism for compound engines.	836,911	Nov. 27	4043	864	125	1131
Armstrong, Ernest, <i>et al.</i> (See Tatnall, Walter G., assignor.)						
Armstrong, Frank, Sedalia, Mo. Cylinder drain-valve.	838,835	Dec. 18	3080	664	125	2203
Armstrong, Frederick M. (See Kip and Armstrong.)						
Armstrong, George, Chicago, Ill. Shade device for vehicles.	826,915	July 24	4537	944	123	1198
Armstrong, Henry C., Ashland, Wis. Card-case.	839,253	Dec. 25	3914	842	125	2454
Armstrong, J. M. (See Scarr, Abraham C., assignor.)						
Armstrong, James, deceased; Baltimore, Md.; W. E. F. Armstrong, administrator. Deodorizing petroleum distillate.	837,655	Dec. 4	758		125	1542
Armstrong, James E., and D. E. Eddleman, assignors of one-fourth to G. C. Jones, Weatherford, Tex. Device for applying bands to bales.	829,951	Aug. 21	2729	573	123	2413
Armstrong, John, London, England. Apparatus for obtaining zinc.	830,283	Sept. 4	781	169	124	156
Armstrong Oiler Company. (See Mooney, Ernest, assignor.)						
Armstrong, Preston, assignor of one-half to L. R. Byrne, Shelton, Wash. Animal-trap.	819,838	May 8	1610	342	122	423
Armstrong, S. G. (See Sawyer, William B., assignor.)						
Armstrong, W. Ernest F., administrator. (See Armstrong, James.)						
Armstrong, Wheeler B. (See Kemmerer and Armstrong.)						
Armstrong, William, St. Louis, Mo. Side attachment for awnings.	823,096	June 12	1745	359	122	2156
Armstrong, William H., J. M. Pugh, and R. W. Magee, assignors to Wm. H. Armstrong & Company, Indianapolis, Ind. Invalid-bed.	824,057	June 19	3637	774	122	2627
Armstrong, Willis E. (See Hamilton, Elisha N., assignor.)						
Arnaud, Aimé, deceased; E. C. Larsen, administratrix, Singapore, India. Extracting gutta-percha.	836,512	Nov. 20	3195		125	888
Arnavat, Luis, Tampa, Fla. Shovel.	821,847	May 29	5745	1223	122	1511
Arneson, Theodore J., Westbrook, Minn. Winding-indicator for clocks.	833,657	Oct. 16	3321	606-7	124	2107
Arnett, Edgar C., Washington, Kans. Automatic weighing-machine.	810,694	Jan. 23	4248	880-1	120	1049
Arnheim, Paul, Hamburg, assignor to Firm of Telephon-Fabrik Actiengesellschaft vorm. J. Berliner, Hanover, Germany. Telephone system.	832,443	Oct. 2	854	165	124	1418
Arno, Riccardo, Milan, Italy. Energy-meter for three-phase plants unsymmetrically loaded.	820,755	May 15	3483	746-8	122	896
Arno, Riccardo, Milan, Italy. Alternating-current meter.	820,756	May 15	3487	748	122	896
Arnold, Allen A. (See Scanlon and Arnold.)						
Arnold, Anna M. (See Arnold, Satterlee, assignor.)						
Arnold, Bion J., Chicago, Ill. Power mechanism.	818,512	Apr. 24	3922	844	121	2378
Arnold, Charles P., Chicago, Ill. Pipe-reamer.	830,760	Sept. 11	1776	366	124	478
Arnold, Craig R., Philadelphia, Pa. Extracting metals from their ores.	823,576	June 19	2727	577	122	2128
Arnold, David B., Terre Haute, Ind. Traction-engine.	832,028	Oct. 2	3	1	124	1213
Arnold, Ernest W., assignor of one-half to V. Selna, San Francisco, Cal. Treating ores.	812,473	Feb. 13	1915	422	120	1956
Arnold, Frederick H., Reading, Pa. Safety-razor.	835,767	Oct. 23	3541	754	124	2206
Arnold, Frederick H., Reading, Pa. Safety-razor.	834,353	Oct. 30	4934	1045	124	2596
Arnold, Frederick H., Reading, Pa. Safety-razor.	838,762	Dec. 18	2942	634	125	2162
Arnold, Frederick H., Reading, Pa. Safety-razor.	839,447	Dec. 25	4294	919	125	2546
Arnold, George, assignor to himself and J. S. Bailey, Chicago, Ill. Gage.	832,444	Oct. 2	858	165	124	1419
Arnold, George T., assignor of one-half to H. W. Lewis, Oshkosh, Wis. Rudder.	812,161	Feb. 6	1287	281-2	120	1751
Arnold, Horace L., Brooklyn, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	808,714	Jan. 2	176	40	120	39

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Arnold, Jaell M. (See Kelly, George E., assignor.)						
Arnold Magnetic Clutch Company. (See Cutler, Henry H., assignor.)						
Arnold Magnetic Clutch Company. (See Damon, George A., assignor.)						
Arnold, Oscar, Neustadt, Germany. Doll.....	820,843	May 15	3691	787	122	941
Arnold Print Works. (See Greer, William K., assignor.)						
Arnold Print Works. (See Jeanmaire and Schmid, assignors.)						
Arnold, Robert B., Patton, Ala. Weighing-wagon.....	834,243	Oct. 30	4728	1000-1	124	2343
Arnold, Satterlee, Morristown, N. J., assignor to A. M. Arnold, Brooklyn, N. Y. Sewing-machine.....	829,937	Aug. 28	4645	975-6	123	2936
Arnold, Walter J., assignor of one-half to D. R. Gannon, Cleveland, Ohio. Sliding door.....	832,004	Sept. 25	4243	886	124	1166
Arnold, William B., North Abington, Mass., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Jack-pin for hinged lasts.....	819,970	May 8	1902	421	122	484
Arnold, William E., Janesville, Wis. Eyeglass-mounting.....	836,236	Nov. 20	2649	558	125	755
Arnold, William H., and H. Smith, Thomasville, Ga. Railway.....	819,839	May 8	1611	342	122	424
Arnold, William S., San Francisco, Cal. Safety-valve for pneumatic tires.....	837,772	Dec. 4	986	221	125	1599
Arnold, Wm. B. (See Tower, Arthur W., assignor.)						
Aron, Hermann, Charlottenburg, Germany. Clockwork electricity-meter.....	813,610	Feb. 27	4188	919	120	2545
Aron, Hermann, Charlottenburg, Germany. Electricity-meter.....	813,685	Feb. 27	4324	951-2	120	2574
Aron, Hermann, Charlottenburg, Germany. Electricity-meter for alternating currents.....	820,333	May 8	2648	578	122	653
Aronson, Frank, Evanston, Ill. Balance.....	837,374	Dec. 4	195	48	125	1405
Aronstein, Sidney. (See Coleman, Clyde J., assignor.)						
Arqueybourg, Henri. (See Grouvelle and Arqueybourg.)						
Arrieta y Sanz, Pedro, Pamplona, Spain. Vehicle-fender or obstruction-remover for road-vehicles.....	814,930	Mar. 13	1842	385-6	121	460
Arrowsmith, James W., Morristown, N. J. Arch-prop.....	815,897	Mar. 20	3892	823	121	953
Arrowsmith, James W., Morristown, N. J. Arch-prop. (Reissue).....	12,585	Dec. 25	5011	1070	125	2720
Arrowsmith, William H., Oakland, Cal. Measuring-spoon.....	808,967	Jan. 2	699	151	120	154
Arsem, William C., Schenectady, N. Y., assignor to General Electric Company. Electrodeposition.....	811,759	Feb. 6	415	91	120	1577
Arsenault, Albert J., Boston, Mass. Street letter-box.....	811,611	Feb. 6	150	33	120	1518
Art Stove Company. (See Robinson, William V., assignor.)						
Arters, Frank L. (See Lowry and Arters.)						
Arthur, Andrew J., Salem, Mo. Separator.....	825,793	July 10	2303	480	123	607
Arthur Beet Harvester and Implement Co. (See Arthur, James W., assignor.)						
Arthur, Edgar, assignor of one-half to W. C. Arthur, Bethany, Mo. Stock-loader.....	815,898	Mar. 20	3894	823-4	121	953
Arthur, Hugh W., Pittsburg, Pa. Amalgam carrier and plugger.....	830,872	Sept. 11	1969	413	124	527
Arthur, James B., Pittsburg, Pa. Tray.....	834,037	Oct. 23	4268	905	124	2382
Arthur, James W., Denver, Colo., assignor to Arthur Beet Harvester and Implement Co. Beet-harvester.....	815,325	Mar. 20	2704	563-4	121	695
Arthur, Joseph A., Bridgeport, Conn. Propeller for navigable vessels.....	833,364	Oct. 16	2717	573	124	1966
Arthur, Nicol S., Glasgow, Scotland. Machine for bending metal bars, &c.....	808,619	Jan. 2	3	1	120	3
Arthur, Willie C. (See Arthur, Edgar, assignor.)						
Arthurs, Samuel B., Brookville, Pa. Horse-trainer.....	821,395	May 22	4855	1030	122	1259
Arthurs, Samuel B., Brookville, Pa. Harrow.....	838,836	Dec. 18	3082	665	125	2203
Artibee, Willford J., assignor of one-half to C. H. Jones, Chazy, N. Y. Compound rotary engine.....	821,603	May 29	5260	1121	122	1403
Artom, Alessandro, Turin, Italy. Wireless-telegraph receiving apparatus.....	816,205	Mar. 27	4510	957	121	1139
Artom, Alessandro, Turin, Italy. Apparatus for producing electric waves.....	817,137	Apr. 3	1154	239	121	1616
Arvig, Hans A., Pine River, Minn. Creaming-can.....	827,495	July 31	5811	1205	123	1526
Arvig, Hans A., Pine River, Minn. Creaming-can.....	839,701	Dec. 25	4816	1029	125	2673
Asbury, Harry E., assignor to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Sausage-stuffer and lard-press nozzle.....	826,216	July 17	3113	646	123	820
Aschenbach, John C. and J. W., Philadelphia, Pa. Lamp.....	814,183	Mar. 6	351	72	121	76
Aschenbach, Joseph W. (See Aschenbach, John C. and J. W.)						
Aschenbrenner, Albert. (See Burger and Aschenbrenner.)						
Aschenbrenner, Joseph, Chicago, Ill. Animal-trap.....	839,448	Dec. 25	4295	919	125	2546
Ascher, Otto K. (See McGahan and Ascher.)						
Ash, Edward R., Wilmington, Del. Convertible car.....	838,369	Dec. 11	2191	475-6	125	1941
Ash, Isaac, and A. Sayles, Marquette, Mich. Key.....	827,201	July 31	5156	1070	123	1369
Ash, Joseph H., Brooklyn, N. Y. Face-shield.....	825,288	July 10	1187	252	123	328
Ashby, John P., Oklahoma, Okla. Ter. Sectional metallic cross-tie.....	827,343	July 31	5423	1127	123	1434
Ashcraft, Alonzo, Fort Smith, Ark. Cut-off valve for gas or oil burners.....	812,715	Feb. 13	2391	525	120	2050
Ashcraft, Alonzo, Fort Smith, Ark. Automatic pressure-retaining valve.....	833,570	Oct. 16	3159	671	124	2069
Ashe, Fred M. (See Bailor and Ashe.)						
Asher, William J., Willimantic, Conn. Automatic apron or belt guide.....	813,995	Feb. 27	4932	1091	120	2703
Asher, William J., Willimantic, Conn. Starching-machine.....	828,869	Aug. 21	2355	501	123	2317
Ashford, Alfred J., Kinston, N. C. Non-refillable bottle.....	815,250	Mar. 13	2512	523	121	607
Ashland, James, Escanaba, Mich. Toggle-hook.....	820,383	May 15	2753	599	122	737
Ashley, Frank M., <i>et al.</i> (See Cadwell, Edwin B., assignor.)						
Ashley, Frank M., New York, N. Y. Inkstand.....	811,536	Feb. 6	5	1-2	120	1486
Ashley, Frank M., New York, N. Y. Ink-well.....	818,403	Apr. 24	3702	795	121	2333
Ashley, Frank M., New York, N. Y. Cushion-tire.....	819,036	May 1	3	1-2	122	3
Ashley, Frank M., New York, N. Y. Clutch.....	821,212	May 22	4466	951	122	1171
Ashley, Frank M., New York, N. Y. Ink-well.....	822,905	June 12	1347	280	122	2069
Ashley, Frank M., New York, N. Y. Automatic inkstand.....	823,752	June 19	3052	646	122	2498
Ashley, Frank M., New York, N. Y. Inkstand.....	829,752	Aug. 28	4023	895	123	2829
Ashley, Frank M., New York, N. Y. Inkstand.....	830,634	Sept. 11	1510	312	124	406
Ashley, Frank M., Brooklyn, assignor of one-half to A. T. Scharps, New York, N. Y. Pressure-regulator.....	824,681	June 26	4853	1035	122	2945
Ashley, Frank M., assignor of one-half to A. T. Scharps, New York, N. Y. Inkstand.....	830,633	Sept. 11	1509	312	124	406
Ashley, Frank M., assignor of one-half to A. T. Scharps, New York, N. Y. Gas-burner.....	838,156	Dec. 11	1775	381-2	125	1840
Ashley, Frank M., assignor to G. D. Mumford, H. W. Bean, and A. T. Scharps, New York, N. Y. Automatic inkstand.....	839,254	Dec. 25	3915	842	125	2454
Ashley, Leonard W., Chicago, Ill. Apparel-securing device.....	833,909	Oct. 23	3888	824-5	124	2293
Ashtan, David B., Baltimore, Md. Work guide-button for buttonhole-sewing machines.....	832,831	Oct. 9	1645	338	124	1647
Ashton, Thomas R. R., London, England. Magazine-firearm.....	834,354	Oct. 30	4935	1045-6	124	2596
Ashworth, Daniel, Wappingers Falls, N. Y. Mechanical movement.....	814,010	Mar. 6	5	1-2	121	3
Ashworth, Daniel, Wappingers Falls, N. Y. Mechanical movement.....	831,922	Sept. 25	4097	854	124	1129
Askenasy, Paul. (See Koller and Askenasy.)						
Askew, Charles B., Chicago, Ill. Printing-type.....	821,076	May 22	4211	895	122	1116
Askew, John, West Point, Miss. Belt.....	822,710	June 5	973	198	122	1943
Askins, James M., assignor of one-half to T. G. Roberts, San Francisco, Cal. Automatic flushing closet.....	832,832	Oct. 9	1646	338	124	1647
Asper, Albert, Hudson, S. D. Wire-reel.....	827,598	July 31	6039	1250-1	123	1574
Asper, Halfdan, and C. B. Boryeson, Butler, Pa. Friction draft-rigging.....	837,533	Dec. 4	502	116	125	1481

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Aspinwall, Lewis A., assignor to Aspinwall Manufacturing Company, Jackson, Mich. Liquid-sprayer.....	828,175	Aug. 7	958	198	123	1906
Aspinwall Manufacturing Company. (See Aspinwall, Lewis A., assignor.)						
Asplund, Thomas C., Providence, R. I. Vending-machine.....	829,245	Aug. 21	3139	661	123	2517
Ast, Heinrich. (See Schuster and Ast.) (Reissue.)						
Astarita, Joseph A., New York, N. Y. Bottle-stopper fastener.....	820,083	May 8	2172	473	122	547
Astoria Iron Works. (See Kruse, Peter, assignor.)						
Atcheson, Robert H., and J. H. Walsh, Chicopee, Mass. Rim and tire fastening for wheels.....	822,711	June 5	974	199	122	1943
Ateliers de Constructions Mécaniques Ci-Devant Ducommun. (See Nardin, Georges, assignor.)						
Ateliers de Constructions Mécaniques Cidevant Ducommun. (See Muff, Charles E., assignor.)						
Atha, Herbert B., East Orange, N. J. Making composite gears.....	814,342	Mar. 6	702	141	121	154
Atherton, Edwin F., Macedon, N. Y. Horseshoe-calk.....	808,891	Jan. 2	538	120	120	119
Atherton, Frederick L., Paterson, N. J. Folding umbrella.....	827,599	July 31	6012	1251	123	1575
Athey, Elijah F., Lucerne, Colo. Grain-pan for threshers.....	814,931	Mar. 13	1844	386	121	460
Athey, Isaac H., Chicago, Ill., assignor to Dust Proof Furniture Company. File-cabinet.....	821,575	May 22	5181	1106	122	1328
Athey, Isaac H., Chicago, Ill., assignor to Dust Proof Furniture Company. Construction of drawers and the like.....	821,576	May 22	5183	1106-7	122	1328
Athey, Isaac H., Chicago, Ill., assignor to Dust Proof Furniture Company. Drop-front drawer for filing-cabinets.....	821,577	May 22	5185	1107	122	1328
Athey, Isaac H., Chicago, Ill., assignor to Dust Proof Furniture Company. Sheet-metal drawer and the like.....	821,578	May 22	5188	1107	122	1329
Athey, James L., Woodbine, Iowa. Mail-crane.....	810,600	Jan. 23	4080	841	120	1011
Atkin, Joseph C., assignor to Wyoming Valley Lace Mills, Wilkes-Barre, Pa. Curtain.....	825,692	July 10	2111	439	123	562
Atkins, Frank S. (See Devin and Atkins.)						
Atkins, Joseph L. (See Campbell, Matthew, assignor.)						
Atkins, Samuel M., Dallas, Tex. Rotary motor.....	834,651	Oct. 30	5523	1173	124	2744
Atkinson, Adrienna O., Louisville, Ky., assignor of one-half to G. Jurt, Alexandria, Ind. Sifter.....	813,763	Feb. 27	4464	986	120	2604
Atkinson, Alfred, Manchester, England. Combination box and bed device.....	826,217	July 17	3114	646	123	821
Atkinson, Carlo M., Boston, Mass. Card-game apparatus.....	832,005	Sept. 25	4244	886-7	124	1166
Atkinson, Charles E., assignor of two-thirds to J. M. Lontz and A. Gordon, Richmond, Ind. Coupling device.....	835,211	Nov. 6	674	139	125	171
Atkinson, Clarence W., Jamestown, Colo. Drill-sharpener.....	822,906	June 12	1350	280	122	2069
Atkinson, Earl, New York, N. Y. Indicating-bottle.....	824,838	July 3	326	59	123	90
Atkinson, Helen, Boston, Mass. Hook and eye.....	826,134	July 17	2949	612	123	782
Atkinson, Horace F. and W. R., New York, N. Y. Non-refillable bottle.....	829,619	Aug. 28	3951	836	123	2764
Atkinson, John M., Chicago, Ill., assignor, by mesne assignments, to Rail Joint Company. Means for electrically connecting railway-rails and the like.....	813,996	Feb. 27	4933	1091	120	2703
Atkinson, Leonard, Christchurch, New Zealand. Means for operating the switches, frogs, and signals of electric tramways.....	835,006	Nov. 6	255	55-6	125	67
Atkinson, Leslie V., Carshalton, assignor to I. R. Refractory Ore Syndicate, Limited, London, England. Treating refractory ores containing iron sulfids.....	824,699	July 3	2		123	3
Atkinson, Richard E., Schenectady, N. Y. Upholstering-pin.....	825,794	July 10	2305	480	123	608
Atkinson, Robert E. (See Clowes, Walter, assignor.)						
Atkinson, Robert E., Leicester, England. Control-valve for radiators and the like.....	829,685	Aug. 28	4093	867	123	2797
Atkinson, William R. (See Atkinson, Horace F. and W. R.)						
Atlanta Horse Collar Company. (See Estes, William B., assignor.)						
Atlanta Utility Works. (See Gebhart, John C., assignor.)						
Atlanta Utility Works. (See Winder, James C., assignor.)						
Atlas Railway Supply Company. (See Plimpton, Arthur L., assignor.)						
Atmospheric Products Company. (See Lovejoy, Dimmitt R., assignor.)						
Atschild, William, <i>et al.</i> (See Hildebrand, Gould O., assignor.)						
Attenhofer, John S., New Orleans, La. Cistern.....	833,150	Oct. 16	2276	478	124	1851
Atterbury, Charles L. (See Atterbury, Grosvenor, assignor.)						
Atterbury, Grosvenor, assignor to C. L. Atterbury, New York, N. Y. Making constructional sections.....	828,833	Aug. 14	2273	484	123	2267
Attracto Company. (See Bradshaw and Thomson, assignors.)						
Atwater, Ada C., Manchester, Iowa. Treating ores of the precious metals.....	817,411	Apr. 10	1716		121	1794
Atwater, Silas L., New York, N. Y. Check-protector.....	826,135	July 17	2950	613	123	782
Atwell, Ernest T., Waukomis, Okla. Ter. Broom-handle.....	815,058	Mar. 13	2118	446	121	517
Atwood, William S., Westmount, Quebec, Canada. Brake-rod connection.....	838,157	Dec. 11	1776	382	125	1840
Aubrey, Albert J., Meriden, Conn. Sight for firearms.....	839,535	Dec. 25	4484	957	125	2592
Aubrey, Albert J., Meriden, Conn., assignor to Sears, Roebuck & Company, Chicago, Ill. Sight for firearms.....	835,091	Nov. 6	437	87	125	115
Auchly, Albert, Montgomery, Mo. Hog-trap.....	812,391	Feb. 13	1771	387-8	120	1927
Auchu, Henry, Emporium, Pa. Mixer for explosives.....	833,658	Oct. 16	3322	707	124	2107
Aucutt, Frank D., Sugar Grove, Ill. Vehicle-loader.....	819,331	May 1	608	128	122	140
Audet, Adjutor N., <i>et al.</i> (See MacMillan, Clyde, assignor.)						
Audley, Francis H., New York, N. Y. Saddle-stirrup.....	831,318	Sept. 18	2861	607	124	774
Audrieth, Ludwig, New York, N. Y. Door-check.....	810,021	Jan. 16	2833	586	120	706
Auer, David, Milan, Mo. Spike-puller.....	816,287	Mar. 27	4662	989	121	1172
Auerbach, Joseph S., assignor to D. Auerbach & Sons, New York, N. Y. Display-box.....	820,542	May 15	3092	665	122	809
Auerbach & Sons, D. (See Auerbach, Joseph S., assignor.)						
Aufhauser, Samuel. (See Grossmann, Rudolph C., assignor.)						
Auger, Henry J., Spokane, Wash. Switch-operating mechanism.....	833,863	Oct. 23	3764	800	124	2262
Augезд, Adolf O. von, Vienna, Austria-Hungary. Automatic machine-gun.....	831,923	Sept. 25	4099	854-5	124	1129
Augustine, Benjamin F., Buffalo, N. Y. Rotary engine.....	810,601	Jan. 23	4082	841-2	120	1011
Auld, Hugh R., Boston, Mass. Vehicle-tire.....	812,321	Feb. 13	1637	360	120	1899
Aultman & Taylor Machinery Company. (See Gans and Gorham, assignors.)						
Aultman & Taylor Machinery Company. (See Harrold, Amos, assignor.)						
Aultman, Thomas G., Fairmont, W. Va. Self-lubricating wheel.....	811,356	Jan. 30	5567	1162	120	1368
Aulton, Emma M., Bushbury, near Wolverhampton, England. Harness lining and pad and the like.....	809,276	Jan. 9	1345	273	120	331
Anne, Ole O., Waltham, Mass. Jewel-pin and pallet-stone setter.....	821,396	May 22	4857	1030	122	1259
Aungst, Arthur S., Alliance, Ohio. Combination-tool.....	834,442	Oct. 30	5112	1085	124	2639
Aupperle, Charles F. (See Corbin, Charles B., assignor.)						
Aurand, Thomas J., Watseka, Ill. Cushion-tire for wheels.....	836,077	Nov. 20	2306	489	125	673
Aurand, William A., assignor of one-half to C. E. Rogers and R. J. Wilson, Franklin, Pa. Hame-fastener.....	826,528	July 24	3770	781	123	1003
Aurora Automatic Machinery Company. (See Levedahl, Axel, assignor.)						
Aurora Automatic Machinery Company. (See Norling, Reinhold A., assignor.)						
Aurora Automatic Machinery Company. (See Ottaway, William, assignor.)						
Ausband, Charles P., assignor of one-half to A. Fisher, Charlotte, N. C. Window-blind-slat fastener.....	824,273	June 26	4039	865	122	2772

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Austen, Edward W., Oswego, N. Y. Bottle.....	821,579	May 22	5189	1107	122	1329
Austin, A. T. (See Anderson, Charles O., assignor.)						
Austin, Albert W. (See Haynes and Martin, assignors.)						
Austin, Clarence E., Marcus, Iowa. Milk and cream vehicle.....	824,399	June 26	4288	914	122	2822
Austin, Edward N. (See Austin, James D. and E. N.)						
Austin, Emily A., Bethel, N. Y. Safety can-lifter.....	829,620	Aug. 28	3953	836	123	2764
Austin, Foster C., Los Angeles, Cal. Car-fender.....	829,564	Aug. 28	3839	816	123	2737
Austin, Frank E., Westbrook, Me. Thermostat.....	832,116	Oct. 2	189	38	124	1260
Austin, Frederick C. (See Benton, Hans J., assignor.)						
Austin, Frederick C. (See Judd, William J., assignor.)						
Austin, Frederick T. (See Reece and Austin.)						
Austin, George W., Hollister, Cal. Wrench.....	814,343	Mar. 6	704	141-2	121	155
Austin, Henry, Felton, Del. Apparatus for heating propagating-beds.....	810,835	Jan. 23	4506	938	120	1105
Austin, Herbert, assignor to Wolsley Tool and Motor Car Company, Limited, Birmingham, England. Valve mechanism for internal-combustion engines.....	814,421	Mar. 6	869	178	121	189
Austin, Herbert, assignor to Wolsley Tool and Motor Car Company, Limited, Birmingham, England. Valve and ignition mechanism for internal-combustion engines.....	819,116	May 1	169	34	122	44
Austin, James D. and E. N., assignors of one-third to H. Hoover, Campbell Hill, Ill. Steam-valve.....	810,248	Jan. 16	3313	687	120	806
Austin, Joel, and R. McKendrick, Windber, Pa. Steel cross-tie and rail-fastener.....	815,251	Mar. 13	2513	523	121	607
Austin, John, Florissant, Colo. Excavating device.....	827,406	July 31	5546	1153-4	123	1464
Austin, John D., Thonotosassa, Fla. Hoisting apparatus.....	834,881	Nov. 6	7	2	125	4
Austin, John H., Jersey City, N. J. Ash-sifter.....	834,604	Oct. 30	5426	1152	124	2719
Austin, Johnathan R., Mishawaka, Ind. Vulcanizing apparatus.....	834,451	Oct. 30	5124	1088	124	2643
Austin, Joshua B., New Orleans, La. Means for starting and stopping machinery.....	825,175	July 3	970	204	123	253
Austin, Robert H., Heber, Cal. Buckle or fastening device.....	831,402	Sept. 18	3010	640	124	811
Austin Separator Company. (See Humphrey, Henry H., assignor.)						
Austin, Willis R., and W. N. Craw, South Norwalk, Conn. Game apparatus.....	838,763	Dec. 18	2944	634	125	2169
Austral Window Balance Company. (See Knox, Alexander, assignor.)						
Auten, Aaron O. (See Lombard, George M., assignor.)						
Auten, Frederick P. (See Wilfong, Charles G., assignor.)						
Auto-Car Equipment Company. (See Smith, Russell G., assignor.)						
Auto Doctor Company. (See Shaw, Melvin E., assignor.)						
Auto-Manual Piano Action Company. (See Wuest, Philip, Jr., assignor.)						
Auto Stopper Company. (See Hicks, James M., assignor.)						
Autocoil Company. (See Varley, Richard, assignor.)						
Automatic Adding Machine Company. (See Kodama and Gancher, assignors.)						
Automatic Boiler Feed Company. (See Wilkins, Thomas M., assignor.)						
Automatic Butter-Cutter and Weigher Co. (See Fogg, Charles F., assignor.)						
Automatic Car Fender Co. (See Fairchild, Frank J., assignor.)						
Automatic Card Index Company. (See Scoville, James E., assignor.)						
Automatic Clutch Company. (See Andrews, Edwin E., assignor.)						
Automatic Dumb-Waiter Refrigerator Company. (See Keller, Henry, assignor.)						
Automatic Electric Company. (See Erickson, John, assignor.)						
Automatic Electric Company. (See Guttman, Harry J., assignor.)						
Automatic Electric Company. (See Keith, Alexander E., assignor.)						
Automatic Electric Company. (See Keith and Erickson, assignors.)						
Automatic Electric Company. (See Martin, Talbot G., assignor.)						
Automatic Electric Company. (See Setter, Michael, assignor.)						
Automatic Fire Protection Company. (See Nolen, James G., assignor.)						
Automatic Fire Protection Company. (See Shepherd, John E., assignor.)						
Automatic Game Table Company. (See Roberts, Samuel C., assignor.)						
Automatic Heel Trimming and Burnishing Machine Company. (See Evans and Taylor, assignors.)						
Automatic Machine Glass Company. (See Dixon and Marsh, assignors.)						
Automatic Meter Co. (See Gallagher, Richard W., assignor.)						
Automatic Refrigerating Company. (See Chamberlain and Marshall, assignors.)						
Automatic Sash Balance Company. (See Grether, John L., assignor.)						
Automatic Scale Company. (See Welley, Lawrence P., assignor.)						
Automatic Stamping Machine Company. (See Heene, George W., assignor.)						
Automatic Switch Company. (See Whittingham, George H., assignor.)						
Automatic Target Machine Company. (See Duffy, Charles H., assignor.)						
Automatic Target Machine Company. (See Haas, George M., assignor.)						
Automatic Ventilating Company. (See Taylor, Ross, assignor.)						
Automatic Ventilator Company. (See Friese, Norman L., assignor.)						
Automobile Importing Company. (See Grillier, Georges, assignor.)						
Automobile Wheel and Rim Company of New Jersey. (See Hodgson, Isaac, assignor.)						
Autoplanist Co. (See Davis, Charles L., assignor.) (Reissue.)						
Avelsgarde, Ingmer T. (See Pehrson, Jonas, assignor.)						
Avén, Johan A., Stockholm, Sweden, assignor to Deutsche Telephonwerke R. Stock & Co., G. M. B. H., Berlin, Germany. Telephone system.....	837,894	Dec. 4	1214	268	125	1655
Avent, Herbert O., Middleburg, Tenn. Cattle-guard.....	833,108	Oct. 9	2181	458	124	1780
Averill, Arthur T., <i>et al.</i> (See Ravlin and Loifgren, assignors.)						
Averill, Charles F. (See Doyle and Averill.)						
Averill, Elias M., Newaygo, Mich. Shipping-crate.....	819,117	May 1	171	34	122	45
Averill, Elias M., Newaygo, Mich. Foldable crate.....	832,525	Oct. 2	1007	202	124	1455
Averill, Glenn M., <i>et al.</i> (See Ravlin and Loifgren, assignors.)						
Averitt, Rely A., Ridings, Tenn. Picture-mount.....	833,109	Oct. 9	2182	458	124	1780
Avery, Charles E., Jersey City, N. J., assignor to Manhattan Electrical Supply Company. Flush plug and receptacle.....	824,700	July 3	3	1	123	3
Avery, Edward N., Oberlin, Ohio. Combined wagon-box and rack.....	829,565	Aug. 28	3841	816	123	2737
Avery, George C., assignor to B. F. Avery & Sons, Louisville, Ky. Wheel for planters.....	809,888	Jan. 9	2538	526	120	591
Avery Manufacturing Company. (See Springer, William N., assignor.)						
Avery, Percy C., Dayton, Ohio. Gas-tank.....	816,059	Mar. 27	4214	893	121	1075
Avery, Thaddeus, Jr., Joliet, Ill. Submarine dredge.....	813,935	Feb. 27	4822	1064	120	2680
Avery, W. & T. (See Parnall, Thomas S. B., assignor.)						
Avery, William R. F., and H. J. Pearce, assignors to Chameleon Signs, Limited, London, England, and D. Weston. Sign and advertising device.....	832,445	Oct. 2	859	165-6	124	1420
Avril, Paul V., Paris, France. Engraving-machine.....	818,137	Apr. 17	3169	680-1	121	2165
Avril, Paul V., Paris, France. Engraving-machine.....	818,138	Apr. 17	3172	681-3	121	2166
Avril, Paul V., Paris, France. Engraving-machine.....	818,139	Apr. 17	3177	683-4	121	2166
Awbrey, Henry R., Forsyth, Mo. Stovepipe-thimble.....	811,537	Feb. 6	7	2	120	1486
Awtry, Edmund L., assignor of one-third to H. B. McDaniel, Atlanta, Ga. Mosquito-net frame.....	816,895	Apr. 3	692	142	121	1512
Axelrood, Max, San Francisco, Cal. Non-refillable bottle.....	826,218	July 17	3116	646	123	821
Axford, Edward, Philadelphia, Pa. Wrench.....	813,686	Feb. 27	4327	952	120	2575

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Axtell, Lucius, Rockroyal, N. Y. Drier for casein-curd.....	830,761	Sept. 11	1777	366	124	478
Ayer, Albert E., Chelsea, assignor to R. L. Vose, Brookline, Mass. Edge-finishing machine.....	828,013	Aug. 7	648	132	123	1831
Ayer, Charles H., F. J. Hole, and R. E. Olney, Mount Clemens, Mich. Adjustable mirror-support.....	820,466	May 15	2921	634	122	771
Ayer, James I., Cambridge, assignor to Simplex Electric Heating Company, Boston, Mass. Circuit-opening device for electric heaters.....	839,255	Dec. 25	3917	842	125	2454
Ayer, James I., Cambridge, and G. T. Gilbert, Northampton, assignors to Simplex Electric Heating Company, Boston, Mass. Conductor-support for movable tools.....	839,256	Dec. 25	3919	843	125	2454
Ayer, Melville C., Biddeford, Me. Lamp-burner.....	823,200	June 12	1971	410	122	2207
Ayer, William B., Chicago, Ill. Marking device.....	833,820	Oct. 23	3671	783	124	2238
Ayer, William B., Winchester, Mass. Pipe-coupling.....	839,090	Dec. 25	3585	775	125	2371
Ayers, Albert M. (See Ayers, John W. and A. M.)						
Ayers, Dee, and J. D. Sloan, Mount Vernon, Mo. Churn.....	809,889	Jan. 9	2540	527	120	592
Ayers, Jacob F., Kalkaska, Mich. Windmill.....	838,837	Dec. 18	3083	665-6	125	2204
Ayers, John W. and A. M., New York, N. Y. Tablet counting and filling machine.....	824,463	June 26	4441	942-3	122	2856
Ayers, Raymond E. (See Keen and Ayers.)						
Ayers, Raymond F., and E. Keen, New York, N. Y. Toy.....	828,995	Aug. 21	2600	550	123	2381
Ayles, George M., New Albany, Ind. Frogless switch.....	831,762	Sept. 25	3750	785	124	1042
Aylsworth, Jonas W., East Orange, N. J. Phosphorescent stamp.....	831,591	Sept. 25	3393	713	124	946
Aylsworth, Jonas W., East Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Apparatus for nickel-plating.....	817,152	Apr. 10	1190	246-7	121	1684
Aylsworth, Jonas W., East Orange, assignor to Edison Storage Battery Company, Orange, N. J. Cleaning storage batteries.....	837,773	Dec. 4	987		125	1599
Aynsley, Joseph. (See Ridgway, Aynsley, and Hancock.)						
Ayres, Walter S. (See Smythe and Ayres.)						
Azary, Cornelius von, Lippa, Austria-Hungary. Apparatus for making open-work wire receptacles.....	811,357	Jan. 30	5569	1162	120	1368
Azuma, Takenari, Kanda, Tokyo, Japan. Flash-light device.....	813,849	Feb. 27	4654	1029	120	2645
Azzoni, Oreste E. S., Philadelphia, Pa. Non-refillable bottle.....	817,034	Apr. 3	973	200	121	1575
B. Roth Tool Company. (See Brooks, Charles E., assignor.)						
B. A. Ballou & Company. (See Morehouse, Eugene W., assignor.)						
B. F. Avery & Sons. (See Avery, George C., assignor.)						
B. F. Goodrich Company. (See Shaw, Edwin C., assignor.)						
B. F. Sturtevant Company. (See Balcome, Herbert A., assignor.)						
B. F. Sturtevant Company. (See Burpee, George H., assignor.)						
Baar, Charles, Grand Rapids, Mich. Boring-tool.....	810,602	Jan. 23	4086	842	120	1012
Baare, Edwin H., assignor to Wm. J. Lemp Brewing Company, St. Louis, Mo. Labeling machine.....	830,194	Sept. 4	585	119-20	124	149
Baare, Edwin H., assignor to William J. Lemp Brewing Company, St. Louis, Mo. Affixing labels.....	830,195	Sept. 4	595	121	124	152
Babbitt, Thomas, Malad, Idaho. Axle-spindle.....	830,955	Sept. 11	2112	446	124	560
Babcock, Garrison, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Multiparty-line exchange system.....	824,701	July 3	5	1	123	4
Babcock, Garrison, assignor to Simplex Telephone Equipment Company, Rochester, N. Y. Telephone apparatus.....	837,534	Dec. 4	504	117	125	1482
Babcock, George J., Waterbury, Conn. Shears.....	835,345	Nov. 6	942	200	125	238
Babcock, Herbert F., Rifle, Colo. Bedstead.....	823,152	June 12	1859	384	122	2180
Babcock, Solon E., Plateau City, Colo. Tooth-brush.....	824,087	June 26	3688	785	122	2695
Babic, Steve, Homestead, Pa. Bottle-stopper.....	834,038	Oct. 23	4270	906	124	2382
Babiczky, Joseph, Kansas City, Mo. Reinforce-bar for concrete floors and beams.....	832,583	Oct. 9	1139	223	124	1529
Babio, José G., Brooklyn, N. Y. Spring-wheel for vehicles.....	813,397	Feb. 27	3761	826	120	2449
Babio, José G., New York, N. Y. Friction-clutch.....	823,753	June 19	3054	647	122	2499
Babio, José G., New York, N. Y. Safety apparatus for elevators.....	824,523	June 26	4548	966	122	2880
Babio, Manuel G., New York, N. Y. Vehicle-wheel.....	809,040	Jan. 2	816	176	120	180
Babio, Manuel G., New York, N. Y. Vehicle-wheel.....	812,629	Feb. 13	2237	487	120	2020
Babu, Lala R., Patiala, Patiala State, India. Chess-recorder.....	810,899	Jan. 30	4664	971-3	120	1172
Baca, Vicente M., Denver, Colo. Table-syrup.....	831,403	Sept. 18	3011		124	811
Bach, Charles H., Brooks, Minn. Horse-detacher.....	832,526	Oct. 2	1010	203	124	1455
Bach, Julius H., Chicago, Ill. Brick-clay-crusher rolls.....	813,273	Feb. 20	3490	769	120	2334
Bachand, Stanislas D., Coaticook, Quebec, Canada. Removable machine-treadle.....	830,818	Sept. 11	1874	390	124	502
Bache, Leigh S., Boundbrook, N. J. Incubator.....	833,659	Oct. 16	3324	707	124	2108
Bache-Wüg, Carl, Glens Falls, N. Y., assignor of one-half to A. M. Meincke, Boston, Mass. Apparatus for recovering fibers and other particles from waste water.....	836,078	Nov. 20	2307	489	125	673
Bacher, Peter. (See Rowland and Bacher.)						
Bachman, Absalom P., et al. (See Bilfinger, Carl W., assignor.)						
Bachman, Frank E., assignor to Northern Iron Company, Port Henry, N. Y. Agglomerating fine ores.....	835,232	Nov. 6	709	146	125	179
Bachman, Henry, New York, N. Y. Means for propelling and steering or guiding boats.....	827,202	July 31	5158	1071	123	1369
Bachmann, John, Jersey City, N. J. Producing multicolor prints.....	814,108	Mar. 6	268		121	45
Backe, John, and F. L. Ernst, Akron, Ohio. Combined child's cradle and chair.....	830,487	Sept. 11	1197	250	124	325
Backlin, Axel F., and I. Eklund, assignors to American Steel & Wire Company of New Jersey, Worcester, Mass. Spindle-brake device for wire-fence machines.....	808,892	Jan. 2	539	120	120	119
Backlin, Axel F., and I. Eklund, assignors to American Steel & Wire Company of New Jersey, Worcester, Mass. Tension mechanism for wire-fence machines.....	810,695	Jan. 23	4254	881-2	120	1051
Backlin, Axel F., and I. Eklund, assignors to American Steel & Wire Company of New Jersey, Worcester, Mass. Driving mechanism for coiler-spindles of wire-fence machines.....	810,696	Jan. 23	4256	882-3	120	1051
Backman, Charles, Alameda, Cal. Cutter-head for shapers.....	816,953	Apr. 3	821	168	121	1540
Bachschmid, Ferdinand. (See Propper and Bachschmid.)						
Backstrom, Charles A., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company, Milwaukee, Wis. Elastic-fluid turbine.....	838,158	Dec. 11	1778	382	125	1840
Backstrom, Fridolf F., Chicago, Ill. Assorting apparatus.....	835,805	Nov. 13	1827	385-6	125	505
Backström, Petter, Minneapolis, Minn. Screw-cutting plate.....	820,334	May 8	2649	578	122	653
Backstrom-Smith Steam Turbine & Manufacturing Company. (See Backstrom, Charles A., assignor.)						
Backus, Clarence G., assignor to Zucker & Levett & Loeb Company, New York, N. Y. Polishing or buffing wheel.....	817,462	Apr. 10	1830	384	121	1818
Backus, Clarence G., and G. L. Wallace, assignors to Zucker & Levett & Loeb Company, New York, N. Y. Electroplating-tank.....	817,832	Apr. 17	2550	547	121	2028
Backus, Henry N., Detroit, Mich. Slatted crate.....	811,023	Jan. 30	4916	1025	120	1228
Backus, Henry N., Detroit, Mich. Hinge.....	821,012	May 22	4080	868-9	122	1087
Backus, John C., Smethport, Pa. Means for setting and spotting tenpins.....	809,890	Jan. 9	2541	527-8	120	592
Backus, John C., Smethport, Pa. Pin spotter and setter for bowling-alleys.....	814,897	Mar. 13	1783	373	121	447
Backus, John C., Smethport, Pa. Pin-setter for bowling-alleys.....	821,276	May 22	4588	977	122	1200
Backus, John C., Smethport, Pa. Tire.....	838,838	Dec. 18	3089	666	125	2206

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bacon Air Lift Company. (See Young and Shaw, assignors.)						
Bacon, Albert. (See Whitten, Weston, assignor.)						
Bacon, Benjamin J., Sydney, New South Wales, Australia. Suspenders	814,344	Mar. 6	705	142	121	155
Bacon, Benjamin J., Sydney, New South Wales, Australia. Trousers-suspenders	814,345	Mar. 6	707	142	121	155
Bacon, Charles G., Ballard, Wash. Car-stake socket with tripping device	831,696	Sept. 25	3640	762	124	1014
Bacon, Daniel, New York, N. Y. Electromagnetic beam-tension regulator	815,326	Mar. 20	2707	564	121	696
Bacon, Daniel, New York, N. Y. Electromagnetic governor	818,513	Apr. 24	3924	844	121	2378
Bacon, Daniel, Brooklyn, assignor to Magnetic Control Company, New York, N. Y. Magnetic actuator	817,687	Apr. 10	2233	479	121	1903
Bacon, Daniel, Brooklyn, assignor to Magnetic Control Company, New York, N. Y. Magnetic power control	834,355	Oct. 30	4942	1047	124	2598
Bacon, Earl C., Indianapolis, assignor to Flash Light Sign Company, Connersville, Ind. Electrical switch	822,036	May 29	6107	1301	122	1593
Bacon, Frederick J., Hartford, Conn. Banjo	823,985	June 19	3508	749	122	2599
Bacon, George T., Grinnell, Iowa, and W. Aab, Seattle, Wash. Flue-stopper	816,060	Mar. 27	4215	894	121	1076
Bacon, Milton L. (See Seibold, Curran, and Bacon.)						
Badque, Louis H., Three Rivers, Canada. Gas-burner	821,694	May 29	5444	1160	122	1442
Badagliacca, Vincenzo, New York, N. Y. Ornamenting surfaces with granular substances	829,753	Aug. 28	4224		123	2830
Badeau, George M., <i>et al.</i> (See Duplessis, Elouid, assignor.)						
Baden, Henry, Hamler, Ohio. Roofing-plate	818,333	Apr. 17	3561	762	121	2247
Bader, Edward, St. Louis, Mo. Piston-rod packing	818,665	Apr. 24	4218	906	121	2444
Badger, Arthur C. (See Badger, Daniel B. and A. C.)						
Badger, Daniel B., Winchester, and A. C. Badger, Boston, Mass. Fireproof window	821,975	May 29	5987	1276-7	122	1564
Badger, George L., Quincy, Mass. Impact-tool	814,661	Mar. 13	1319	278	121	345
Badger, O. W. (See Hitt, Adrian, assignor.)						
Badger, Thomas N., Oakland, Cal. Beam-compass	812,322	Feb. 13	1639	360	120	1899
Badger, Thomas N., Emeryville, Cal. Pavement or roadway	829,247	Aug. 21	3142	662	123	2517
Badger, William E., Quincy, Mass. Pneumatic tool	810,603	Jan. 23	4087	842	120	1012
Badgley, Robert T. (See Tappe, August C., assignor.)						
Badische Anilin & Soda Fabrik. (See Bally, Oscar, assignor.)						
Badische Anilin & Soda Fabrik. (See Bally and Isler, assignors.)						
Badische Anilin & Soda Fabrik. (See Bally and Wolff, assignors.)						
Badische Anilin und Soda Fabrik. (See Bazlen, Max, assignor.)						
Badische Anilin & Soda Fabrik. (See Behaghel and Schumann, assignors.)						
Badische Anilin & Soda Fabrik. (See Berge, Engelbert, assignor.)						
Badische Anilin & Soda Fabrik. (See Bernthsen, Heinrich A., assignor.)						
Badische Anilin & Soda Fabrik. (See Bosch, Carl, assignor.)						
Badische Anilin & Soda Fabrik. (See Hessberger, Johannes, assignor.)						
Badische Anilin & Soda Fabrik. (See Holt, Henry S. A., assignor.)						
Badische Anilin & Soda Fabrik. (See Holt and Reinking, assignors.)						
Badische Anilin & Soda Fabrik. (See Immerheiser, Carl, assignor.)						
Badische Anilin & Soda Fabrik. (See Isler, Max H., assignor.)						
Badische Anilin & Soda Fabrik. (See Julius, Paul, assignor.)						
Badische Anilin & Soda Fabrik. (See Julius and Münch, assignors.)						
Badische Anilin & Soda Fabrik. (See Meiser, Georg W., assignor.)						
Badische Anilin & Soda Fabrik. (See Mettler, Carl, assignor.)						
Badische Anilin & Soda Fabrik. (See Oberreit, Paul E., assignor.)						
Badische Anilin & Soda Fabrik. (See Reinking, Karl, assignor.)						
Badische Anilin & Soda Fabrik. (See Reinking, Dehnelt, and Labhardt, assignors.)						
Badische Anilin & Soda Fabrik. (See Scholl, Roland H., assignor.)						
Badische Anilin & Soda Fabrik. (See Strehlenert and Reubold, assignors.)						
Badische Anilin & Soda Fabrik. (See Wimmer, Robert, assignor.)						
Badt, Francis B., and G. M. Willis, Chicago, Ill. Bond	826,136	July 17	2951	613	123	783
Baech, Eugene C., and R. R. Bertelli, assignors to Baech Wall Paper Company, New York, N. Y. Machine for printing decorative materials and wall-coverings	825,693	July 10	2112	459-40	123	562
Baech Wall Paper Company. (See Baech and Bertelli, assignors.)						
Baehr, George, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Tube-drawing apparatus	808,620	Jan. 2	6	2	120	4
Baehr, George, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Automatic speed-increasing device	819,707	May 8	1331	288	122	359
Baer, Frederick A., Paterson, N. J. Beaming-machine	811,358	Jan. 30	5570	1162	120	1369
Baer, Harry E., assignor to H. M. and M. Toch, New York, N. Y. Film-support	817,614	Apr. 10	2111	447	121	1876
Baerbalck, Hans, Hamilton, Ohio, assignor to Hamilton Machine Tool Company. Gearing	820,377	May 8	2732	595	122	671
Baetz, Henry, St. Louis, Mo. Feed mechanism for drying apparatus	835,843	Nov. 13	1891	400	125	520
Baetz, Max A., Asbury Park, assignor of one-third to P. Kessler, Ocean Grove, N. J. Ironing-board	825,260	July 3	1130	239	123	294
Bagby, Eugene A., Bowling Green, Ky. Puff-box	828,365	Aug. 14	1365	288	123	2033
Bagby, Eugene A., Cincinnati, Ohio. Collapsible ash-pan and adjustable hopper for the same	836,002	Nov. 13	2161	463	125	582
Bager, Frederic E. (See Ferris and Bager.)						
Baggaley, Ralph. (See Allen, Charles M., assignor.)						
Baggaley, Ralph, Pittsburg, Pa. Producing vitrified brick, tile, and various shapes	810,022	Jan. 16	2834		120	706
Baggaley, Ralph, Pittsburg, Pa. Matte-producing furnace	830,059	Sept. 4	255	51	124	63
Baggaley, Ralph, Pittsburg, Pa. Extracting metal values from ores	832,833	Oct. 9	1647	338-40	124	1647
Baggaley, Ralph, Pittsburg, Pa. Recovering iron and steel from slags	832,948	Oct. 9	1873	389	124	1702
Baggaley, Ralph, Pittsburg, Pa., and C. M. Allen, Lo Lo, Mont., said Allen assignor to said Baggaley. Melting primary baths for dissolving ores	822,712	June 5	975		122	1943
Baggaley, Ralph, Pittsburg, Pa., C. M. Allen, Lolo, Mont., and E. W. Lindquist, Chicago, Ill.; said Allen and Lindquist assignors to said Baggaley. Refining copper	810,249	Jan. 16	3314	688	120	806
Baggaley, Ralph, Pittsburg, Pa., C. M. Allen, Lo Lo, Mont., and E. W. Lindquist, Chicago, Ill.; said Allen and Lindquist assignors to said Baggaley. Utilizing as fuel the volatile portions of sulfid ores	822,713	June 5	977		122	1944
Baggaley, Ralph, Pittsburg, Pa., C. M. Allen, Lo Lo, Mont., and E. W. Lindquist, Chicago, Ill.; said Allen and Lindquist assignors to said Baggaley. Smelting ores and separating mattes	830,040	Sept. 4	256	51-2	124	63
Bagge, Peter E., Moline, Ill. Lock-nut	830,956	Sept. 11	2114	447	124	560
Baggett, John W., Erin, Tenn. Fire and burglar alarm	832,227	Oct. 2	435	80	124	1318
Baggett, Robert A., Belton, Tex., assignor to Mellor Box Opener Company, Sedalia, Mo. Combination-tool. (Reissue.)	12,458	Feb. 20	3756	825	120	2390
Baggs, Herbert G. (See Dorman, Smith, and Baggs.)						
Bagley, Albert W., Tacoma, Wash. Car-stake	834,702	Oct. 30	5627	1193-4	124	2772
Bagley, Charles W. (See Lewis and Bagley.)						
Bagley, Forrest C. (See Hill, John L., assignor.)						
Bagley, Laura B., Minneapolis, Minn. Edge-guide for sewing-machines	835,491	Nov. 13	1231	265	125	355
Bagley, Olin H., Deadwood, Cal. Gold-saving apparatus	812,474	Feb. 13	1916	422-3	120	1957

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bagnall, Edward, assignor to Zoffer Plate Glass Manufacturing Company, Pittsburg, Pa. Apparatus for grinding, smoothing, and polishing plate-glass.	822,096	May 29	6210	1324-5	122	1616
Bagnall, Joseph, North Attleboro, Mass. Bracelet.	808,805	Jan. 2	363	78	120	81
Bahl, Joseph and J. C., Chicago, Ill. Music-leaf turner.	811,993	Feb. 6	934	204-5	120	1679
Bahl, Joseph and J. C., Chicago, Ill. Music-leaf-turning stand.	818,404	Apr. 24	3706	795-6	121	2334
Bahl, Joseph C. (See Bahl, Joseph and J. C.)						
Baier, Christian D. (See Baier, George W. and C. D.)						
Baier, George, assignor of one-half to G. Baier, Jr., Buffalo, N. Y. Protector for windows.	810,604	Jan. 23	4093	842	120	1014
Baier, George W. and C. D., Cissna Park, Ill. Portable grain-spout for elevators.	830,957	Sept. 11	2115	447	124	561
Bail, Louis N. (See McLaughlin, Wharton B., assignor.)						
Bailey, Berton L., Portland, Oreg. Sawing-machine.	834,251	Oct. 30	4752	1005	124	2550
Bailey, Charles A., Cromwell, Conn. Cartridge.	827,600	July 31	6015	1251	123	1576
Bailey, Charles A., Cromwell, Conn., assignor to National Novelty Corporation, Westfield, N. Y. Toy bank.	815,935	Mar. 27	3957	838	121	1019
Bailey, Charles A., assignor to Best Ammunition Company, Cromwell, Conn. Priming device for cartridges and shells.	838,493	Dec. 11	2424	526	125	1998
Bailey, Charles J., Newton, Mass. Exercising apparatus.	829,754	Aug. 28	4225	895	123	2830
Bailey, Charles L., deceased; E. H. Bailey, administratrix, Waterbury, Conn., assignor to Draper Company, Hopedale, Mass. Machine for boring bobbins.	828,176	Aug. 7	962	198-9	123	1907
Bailey, Edward H., New York, N. Y. Rug-holder.	833,571	Oct. 16	3160	672	124	2070
Bailey, Ella H., administratrix. (See Bailey, Charles L.)						
Bailey, Francis P. (See Jacob, Frank A., assignor.)						
Bailey, Frank T. (See Bailey, John W., F. T., and M.)						
Bailey, George H., Brooklyn, N. Y. Fastening device for game apparatus.	817,688	Apr. 10	2234	479	121	1903
Bailey, George H., San Francisco, Cal. Regulator for water-wheels.	819,629	May 1	1165	255	122	261
Bailey, George M. (See Muirhead, John, assignor.)						
Bailey, Henry C., St. Louis, Mo., assignor to Electra-Pura Water Company, New York, N. Y. Apparatus for purifying water by electrolysis.	814,764	Mar. 13	1544	326-7	121	398
Bailey, Henry J., et al. (See Taylor, James H., assignor.)						
Bailey, Jacob H., et al. (See Painton, Richard B., assignor.)						
Bailey, James, et al. (See Richardson, Abraham, assignor.)						
Bailey, James, et al. (See Richardson and Jones, assignors.)						
Bailey, James, Walsall, England. Razor-strop.	815,252	Mar. 13	2515	524	121	607
Bailey, James F., Valdosta, Ga. Railway-tie.	817,098	Apr. 3	1076	223	121	1596
Bailey, James M., Wheeling, W. Va. Hose-coupling.	835,272	Nov. 6	797	166	125	202
Bailey, James S. (See Arnold, George, assignor.)						
Bailey, John W., New York, N. Y., assignor, by mesne assignments, to United Lead Company. Apparatus for making white lead.	823,097	June 12	1746	359-60	122	2156
Bailey, John W., Jersey City, N. J., assignor, by mesne assignments, to United Lead Company. Apparatus for producing white lead.	830,196	Sept. 4	599	121	124	153
Bailey, John W., F. T., and M., Jersey City, N. J., assignors, by mesne assignments, to United Lead Company. Apparatus for manufacturing corroding-gas.	829,379	Aug. 28	3431	722	123	2635
Bailey, Joshua, West Bromwich, England. Apparatus for manifolding and filing.	838,513	Dec. 18	2475	537	125	2055
Bailey, Leonard C., Florence, Colo. Picture-display device.	831,528	Sept. 25	3271	689	124	913
Bailey, Mark. (See Bailey, John W., F. T., and M.)						
Bailey, Miles E., Washington, D. C. Electric railway.	833,017	Oct. 9	1994	417	124	1732
Bailey, Paris L., Indianapolis, Ind. Switch-tongue.	832,949	Oct. 9	1875	389	124	1702
Bailey, Pryce W., Seneca Falls, N. Y. Device for catching flies and other insects.	834,039	Oct. 23	4271	906	124	2382
Bailey, Ralph W., West Newbury, Mass., assignor of one-half to C. A. Stiles, Los Angeles, Cal. Order-card.	813,764	Feb. 27	4465	986	120	2604
Bailey, Reginald, Winston Salem, N. C. Machine for dipping tobacco.	820,235	May 8	2650	578	122	653
Bailey, Samuel R., Amesbury, Mass. Belt-shifter.	818,654	Apr. 24	4220	907-8	121	2444
Bailey, Samuel R., Amesbury, Mass. Belt-shifter.	818,931	Apr. 24	4763	1024	121	2561
Bailey, Sarah L., Frankfort, Mich. Moisture-supply cap for mucilage-bottles.	822,235	June 5	6	2	122	1730
Bailey, Sarah L., Frankfort, Mich. Work attachment for sewing-machines.	829,830	Aug. 28	4392	926-7	123	2872
Bailey, Theodorus S. (See Spear and Bailey.)						
Bailey, William, et al. (See Painton, Richard B., assignor.)						
Bailey, William E., assignor of one-half to O. D. Craft, Findlay, Ohio. Periodical-file.	826,219	July 17	3117	647	123	821
Bailey, William J., Aspinwall, Pa. Sign.	837,027	Nov. 27	4272	909	125	1185
Bailey, William J., Aspinwall, Pa. Sign.	837,028	Nov. 27	4274	909-10	125	1185
Bailey, William S., et al. (See Woodward, Anderson, assignor.)						
Bailey, William S., Spring Hope, N. C. Switch.	813,936	Feb. 27	4824	1065	120	2681
Baillie, William L., Jr., Norfolk, Va. Nursing-garment.	816,840	Apr. 3	580	121	121	1488
Bailleul, Louis P. A., Paris, France. Valve-gear for explosion-engines.	815,779	Mar. 20	3639	765	121	998
Baillet, Alphonse, Haybes, France. Cupola.	817,412	Apr. 10	1717	361-2	121	1795
Bailly, Dona C., Real, assignor of one-half to S. H. Barry, Fenton, Minn. Heat-screen for steam-chests.	815,780	Mar. 20	3641	765	121	899
Bailor, Silas E., Tarkio, Mo. Cultivator.	811,897	Feb. 6	696	152-3	120	1632
Bailor, Silas E., Tarkio, Mo. Adjusting device for drag bars or beams for cultivators.	828,265	Aug. 7	1118	236	123	1943
Bailor, Silas E., Tarkio, Mo. Draft-equalizer.	835,051	Nov. 6	359	73	125	95
Bailor, Silas E., Tarkio, Mo. Draft-equalizer.	835,657	Nov. 13	1550	332	125	434
Bailor, Silas E., and F. M. Ashe, Tarkio, Mo. Draft-equalizer.	818,599	Apr. 24	4106	882	121	2417
Baily, Edith E. (See Baily, Josiah T., assignor.)						
Baily, Josiah T., assignor to E. E. Baily, Chicago, Ill. Detachable closet-seat.	817,731	Apr. 10	2326	500	121	1927
Bain, Eugene C., assignor of four-fifths to M. H. Tompkins, B. M. Hagan, W. C. Phlegar, and A. P. Evans, Christiansburg, Va. Churn.	828,366	Aug. 14	1367	288	123	2034
Bain, William J., Pierce City, Mo. Condiment-holder.	824,058	June 19	3639	774	122	2627
Bainbridge, Richard W., New York, N. Y. Brake.	825,176	July 3	971	205	123	254
Baines, Frederick E. V., Greenwich, England. Pencil-sharpener.	832,446	Oct. 2	861	166	124	1420
Baines, William, Crosby, England. Variable-speed gear.	819,118	May 1	172	35	122	45
Bair & Gazzam Manufacturing Company. (See Sons, Ernest L., assignor.)						
Bair, John J., Lancaster, Pa. Fitting-stand for dressmakers, &c.	811,268	Jan. 30	5402	1127	120	1333
Baird, Edgar W., and J. P. Durkin, Philadelphia, Pa., assignors to Standard Automatic Lubricator Company, Camden, N. J. Lubricator.	811,024	Jan. 30	4917	1026	120	1229
Baird, Edward P., Evanston, assignor to Baird Manufacturing Company, Chicago, Ill. Telephone toll apparatus.	837,256	Nov. 27	4722	1000	125	1298
Baird, Frank S., and E. W. Carroll, Congress, Ariz. Ter. Wheel-flange oiler.	837,774	Dec. 4	988	222	125	1599
Baird, James B., Canton, Ohio. Machine for cleaning and polishing metal plates.	837,375	Dec. 4	196	48-9	125	1405
Baird Manufacturing Company. (See Baird, Edward P., assignor.)						
Baird, Mortimer M., Scranton, Pa., assignor to Bi-Lock Hook and Eye Company, Rochester, N. Y. Hook.	816,206	Mar. 27	4513	957	121	1140
Baither, Otto, Griesheim, assignor to Chemische Fabrik Griesheim Electron, Frankfort-on-the-Main, Germany. Concentrating diluted nitric acid.	819,262	May 1	450	-----	122	105
Baivier, Felix J., Verva, N. D. Composite railway-tie.	839,702	Dec. 25	4817	1029	125	2673
Baker, Alonzo L., and R. L., Altoona, Ala. Cultivator.	833,660	Oct. 16	3329	708	124	2109
Baker, Andrew J., Adrian, Mich. Wire-tie.	826,704	July 24	4130	857	123	1097

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dis.	Vol.	Page.
Baker, Arthur G., Albion, assignor of one-half to H. S. Reynolds, F. W. and F. C. Ransom, and L. F. Mann, Jackson, Mich. Type setting and distributing machine.....	835,346	Nov. 6	944	200-1	125	238
Baker, Bryon G., Minneapolis, Minn. Threshing-machine.....	811,025	Jan. 30	4919	1026-7	120	1229
Baker, Charles A. (See Browne, Gaylord H., assignor.)						
Baker, Charles A., New York, assignor to New York Couch Bed Company, Rome, N. Y. Caster.....	835,492	Nov. 13	1232	265	125	355
Baker, Charles E., and A. W. Burwell, Cleveland, Ohio. Treating ores.....	816,061	Mar. 27	4218	894	121	1077
Baker, Charles W., Paw Paw, Mich. Load-binder.....	813,032	Feb. 20	3018	664	120	2232
Baker City Iron & Supply Co. (See Gyllenberg, John A., assignor.)						
Baker, Clara A. (See Demarest, James G., assignor.)						
Baker, Clarence A., Phoenix Mills, N. Y. Cross-line buckle.....	821,976	May 29	5990	1277	122	1565
Baker, David. (See Neumann, Albrecht B., assignor.)						
Baker, David, Philadelphia, Pa. Furnace-charging mechanism.....	830,958	Sept. 11	2116	447-8	124	561
Baker, David, Wayne, Pa., assignor of one-half to A. B. Neumann, Joliet, Ill. Furnace-charging mechanism.....	814,506	Mar. 6	1011	208	121	220
Baker, David, Wayne, Pa., assignor of one-half to A. B. Neumann, Joliet, Ill. Furnace-charging mechanism. (Reissue).....	12,536	Oct. 2	1134	226-7	124	1487
Baker, David F., Dundee, Oreg. Rotary engine.....	816,288	Mar. 27	4662	889-90	121	1173
Baker, David F., Dundee, Oreg. Shingle-machine.....	824,168	June 26	3834	818-19	122	2728
Baker, Edmond L., Roanoke, Va. Trolley-wire clamp.....	809,601	Jan. 9	2019	419	120	475
Baker, Enoch A., Williamansett, Mass. Apparatus for cleaning boiler-flues.....	822,813	June 5	1152	237	122	1981
Baker, Frank E., Oskaloosa, Iowa. Truck for transferring mail-matter.....	832,006	Sept. 25	4245	887	124	1166
Baker, Frederick H. (See Baker, Shevlin, and Baker.)						
Baker, George H. (See Adams and Berry, assignors.)						
Baker, George W., Wilmington, Del. Machine for fleshing and working out hides and skins.....	811,359	Jan. 30	5572	1163-4	120	1369
Baker, George W., Oxford, Fla. Pipe-tongs.....	838,514	Dec. 18	2477	537	125	2055
Baker, Guilford D., Whitesboro, Tex. Gate.....	833,661	Oct. 16	3331	708	124	2109
Baker, Harry E., and H. E. Neaving, Portland, Me. Indicator for household use.....	822,185	June 5	1155	237	122	1981
Baker, Harry G., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Warp stop-motion for looms.....	813,765	Feb. 27	4466	987	120	2605
Baker, Henry J., Chicago, Ill. Lock-nut.....	821,695	May 29	5445	1160	122	1442
Baker, Henry M. (See Sheetz, William J., assignor.)						
Baker, Horace A., assignor of one-half to J. J. Crowson, Pecan Gap, Tex. Cotton-press.....	835,897	Nov. 13	1993	420-2	125	543
Baker, Horace A., assignor of one-half to J. J. and R. B. Crowson, Pecan Gap, Tex. Railway-crossing.....	835,898	Nov. 13	1995	422	125	543
Baker, Irvin Letty, Ohio. Invalid-bed attachment.....	817,951	Apr. 17	2802	607	121	2085
Baker, James H., G. F. Shevlin, and F. H. Baker, assignors to Baker and Shevlin Company, Saratoga Springs, N. Y. Centrifugal pulp-screen.....	809,041	Jan. 2	821	176	120	181
Baker, James H., G. F. Shevlin, and F. H. Baker, assignors to Baker & Shevlin Company, Saratoga Springs, N. Y. Gate-valve.....	829,755	Aug. 28	4226	895	123	2830
Baker, Jefferson H., Collinsville, Tex. Plow.....	811,814	Feb. 6	524	117	120	1597
Baker, John C., <i>et al.</i> (See Clawson, Charles F., assignor.)						
Baker, John C. (See Nolty, Jacob J., assignor.)						
Baker, John M. (See Coffman, Harry D., assignor.)						
Baker, John W. (See Morris and Baker.)						
Baker, John W., assignor of one-half to A. L. Holcomb, Halls, Tenn. Clothes-pin.....	815,253	Mar. 13	2516	524	121	607
Baker, John W., assignor of one-half to A. Morris, Adrian, Mich. Metal post.....	822,814	June 5	1154	237	122	1981
Baker, Levi J., <i>et al.</i> (See Sheperd, William B., assignor.)						
Baker, Lottie, <i>et al.</i> (See Sheperd, William B., assignor.)						
Baker, M. N., administrator. (See Sheurman and Hand.)						
Baker, Melvin F., Lewistown, Mont. Insulator.....	825,795	July 10	2307	480	123	608
Baker, Milo A., Los Angeles, Cal., assignor to A. T. Fisher, Brooklyn, N. Y. Apparatus for inflating vehicle-tires.....	825,572	July 10	1826	388-9	123	488
Baker, Richard C., London, England. Post or letter card.....	827,840	Aug. 7	298	62	123	1744
Baker, Rieman D., assignor of one-half to H. W. Woodmansee, Peoria, Ill. Vehicle-brake.....	824,400	June 26	4289	914-15	122	2822
Baker, Robert J., Denver, Colo. Seal.....	837,555	Dec. 4	505	117	125	1482
Baker, Russell L. (See Baker, Alonzo L. and R. L.)						
Baker, Salem A., assignor of one-third to J. A. Stewart, Indianapolis, Ind. Door-hanger.....	831,134	Sept. 18	2502	528	124	684
Baker, Salem A., assignor of one-third to J. A. Stewart, Indianapolis, Ind. Sliding-door construction.....	839,091	Dec. 25	3587	775	125	2371
Baker & Shevlin Company. (See Baker, Shevlin, and Baker, assignors.)						
Baker, Thomas C., Washington, Kans. Washing-machine.....	832,029	Oct. 2	6	2	124	1214
Baker, Walter S., Concord, N. H. Cloth-cleansing device.....	836,293	Nov. 20	2776	589	125	789
Baker, Wendell H., <i>et al.</i> (See Sheperd, William B., assignor.)						
Baker, William H., <i>et al.</i> , executors. (See Tenneson, Berné.)						
Baker, William H., Central Falls, R. I. Kinematograph.....	814,662	Mar. 13	1334	273-9	121	350
Baker, William H., Central Falls, R. I. Picture and sound reproducing apparatus.....	814,663	Mar. 13	1338	279-80	121	351
Baker, William H., assignor of three-fifths to J. Peterson, Lockport, N. Y. Form for making fiber insulating-coverings.....	827,777	Aug. 7	178	37	123	1714
Baker, William J., Newport, Ky. Window-screen.....	834,443	Oct. 30	5113	1085	124	2639
Baker, William J., Newport, Ky. Carriage-prop stop or rest.....	837,998	Dec. 11	1426	310	125	1751
Baker, William L., Indianapolis, Ind. Road drag and scraper.....	838,159	Dec. 11	1780	382	125	1841
Baker, Worthington S., Pittsburg, Pa. Match-box.....	831,319	Sept. 18	2862	607	124	774
Bakken, Anton O., Mount Horeb, Wis. Rural-free-delivery cabinet.....	833,110	Oct. 9	2183	459	124	1780
Bakker, Adrian. (See Borneman, Henry, assignor.)						
Balch, David M., assignor of one-half to A. P. Stephens, Coronado, Cal. Extracting potassium chlorid from seaweed.....	825,953	July 17	2599	540	123	694
Balch, Samuel W., Montclair, N. J. Troposcope.....	813,136	Feb. 20	3247	714	120	2284
Balch, William H., Brooklyn, N. Y. Emergency-stop.....	834,961	Nov. 6	155	31	125	43
Balcom, Frank G., <i>et al.</i> (See Clark, Frank M., assignor.)						
Balcome, Herbert A., assignor to B. F. Sturtevant Company, Boston, Mass. Electric motor and brake.....	828,528	Aug. 14	1689	356	123	2116
Baldauf, George L. (See Neumaier, John, assignor.)						
Baldwin, Alva P. (See Thompson and Baldwin.)						
Baldwin, Barlow, assignor of six-tenths to E. S. Hinton and G. A. Hamlin, Chicago, Ill. Mercurial amalgamator.....	823,577	June 19	2729	577-8	122	2428
Baldwin, Charles B., New York, N. Y. Box.....	831,320	Sept. 18	2864	607	124	775
Baldwin, Clarence K., New York, N. Y., assignor to Robins Conveying Belt Co. Conveyor.....	828,296	Aug. 14	1222	255	123	1997
Baldwin, Clarence K., and T. Robins, Jr., New York, N. Y., assignors to Robins Conveying Belt Co. Conveyor.....	810,605	Jan. 23	4094	843-4	120	1015
Baldwin Company. (See Jobes, Lawrence U., assignor.)						
Baldwin Company. (See Lambert, Clayton A., assignor.)						
Baldwin Company. (See Macy, John W., assignor.)						
Baldwin, Edwin J. (See Matson and Baldwin.)						
Baldwin, Frederic E., New York, N. Y. Acetylene-gas-generating lamp.....	821,580	May 22	5190	1108	122	1330

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Baldwin, Henry S., Lynn, Mass., assignor to General Electric Company. Nozzle for elastic-fluid turbines.	829,831	Aug. 28	4394	927	123	2873
Baldwin, Homer, Youngstown, Ohio. Separating-machine.	812,972	Feb. 20	2906	641	120	2209
Baldwin, James W. (See Leslie and Baldwin.)						
Baldwin, Newton, Coldwater, Mich. Collapsible core for pipe-molding apparatus.	838,934	Dec. 18	3255	704	125	2242
Baldwin, Newton, Coldwater, Mich. Molding-machine.	838,935	Dec. 18	3256	704	125	2243
Baldwin, Ransom L. (See Pullman, Herbert S., assignor.)						
Baldwin, Rollin A., South Norwalk, Conn., assignor to Baldwin & Rowland Switch & Signal Company. Railway-signal.	819,397	May 1	735	156	122	167
Baldwin, Rollin A., South Norwalk, Conn., assignor to Baldwin and Rowland Switch Co. Electromagnetic railway-switch.	828,014	Aug. 7	650	133	123	1831
Baldwin, Rollin A., New Haven, Conn., assignor to Baldwin & Rowland Switch and Signal Company. Cut-out.	835,493	Nov. 13	1233	266	125	356
Baldwin, Rollin A., and G. D. Foote, New Haven, Conn., assignors to Baldwin & Rowland Switch & Signal Co. Railway signal system.	817,463	Apr. 10	1831	384	121	1819
Baldwin and Rowland Switch Co. (See Baldwin, Rollin A., assignor.)						
Baldwin & Rowland Switch & Signal Co. (See Baldwin and Foote, assignors.)						
Baldwin & Rowland Switch & Signal Company. (See Baldwin, Rollin A., assignor.)						
Baldwin, Stephen G., Marion, Ind. Ink-well.	809,891	Jan. 9	2547	528	120	594
Baldwin, Walter H., Chicago, Ill. Hoisting apparatus.	820,844	May 15	3693	787-8	122	942
Baldwin, William D., New York, and A. Sundh, Yonkers, N. Y. Compound brake for cars.	838,160	Dec. 11	1781	383	125	1841
Baldwin, William D., New York, and J. D. Ihlder, Yonkers, N. Y., assignors to Otis Elevator Company, East Orange, N. J. Automatic stop for whip-hoists.	826,529	July 24	3772	781	123	1003
Baldwin, William J., Brooklyn, N. Y. Grease-separator.	825,573	July 10	1829	389	123	489
Baldwin, Wilmer A., East Orange, N. J. Buckle.	837,656	Dec. 4	759	173	125	1542
Baldwin, Wilmer A., East Orange, N. J. Buckle.	837,657	Dec. 4	761	173	125	1543
Bales, Minnie, Gadsden, assignor of one-half to A. W. Stewart, Eden, Ala. Lunch-box.	825,177	July 3	973	205	123	254
Baley, Katie, Fort Worth, Tex. Bedclothes-clamp.	828,800	Aug. 14	2212	470	123	2251
Balint, Johan, Chicago, Ill. Burglar-alarm.	822,421	June 5	369	77	122	1806
Ball, Albert, assignor to Sullivan Machinery Company, Claremont, N. H. Support for drills or the like.	823,662	June 19	2897	613	122	2468
Ball, Augustus A., Jr. (See Thomson and Ball.)						
Ball, Augustus A., Jr., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Vehicle-brake.	822,236	June 5	7	3	122	1730
Ball Brothers Glass Manufacturing Company. (See Bingham, Alvah L., assignor.)						
Ball, Eliza. (See Moore and Ball.)						
Ball Engine Company. (See Smith, John W., assignor.)						
Ball, F. E., et al. (See Dennis, John J., assignor.)						
Ball, Francis M., Falls Church, Va. Toy pistol.	808,621	Jan. 2	8	2	120	4
Ball, Frank H., Plainfield, N. J. Friction-clutch.	808,622	Jan. 2	9	2	120	4
Ball, Frederick O., Plainfield, N. J. Governor.	822,907	June 12	1351	280	122	2070
Ball, Henry P., Schenectady, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Music-roll and adjustable driving-support therefor.	810,606	Jan. 23	4098	844	120	1015
Ball, Henry P., Schenectady, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Machine for transferring patterns.	819,263	May 1	452	95-6	122	106
Ball, Henry P., New York, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Device for perforating music-strips.	831,818	Sept. 25	3851	807-8	124	1067
Ball, Henry P., New York, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Tracker-board for mechanical musical instruments.	837,910	Dec. 11	1253	275	125	1708
Ball, Henry P., New York, N. Y., assignor to General Incandescent Arc Light Company, of New York. System and apparatus for operating electric switches.	821,077	May 22	4213	896	122	1116
Ball, Henry P., New York, N. Y., assignor to General Incandescent Arc Light Company. High-tension oil-switch.	839,703	Dec. 25	4818	1030	125	2674
Ball, Henry P., New York, N. Y., assignor to General Electric Company. Controlling-switch.	831,404	Sept. 18	3012	640	124	811
Ball, Irving J., Brock, Nebr. Cattle-guard for railways.	823,498	June 19	2576	543	122	2397
Ball, Irving J., Brock, Nebr. Rotary carrier and elevator.	834,244	Oct. 30	4729	1001	124	2543
Ball, Irving J., Brock, Nebr. Corn-harvester.	834,245	Oct. 30	4731	1002	124	2543
Ball, Irving J., Brock, Nebr. Corn gathering and husking machine.	834,246	Oct. 30	4734	1002-3	124	2544
Ball, Irving J., Brock, Nebr. Husking-machine.	834,247	Oct. 30	4739	1003-4	124	2545
Ball, James A. (See Brookshier and Ball.)						
Ball, James G. (See Ball, William R. A. and J. G.)						
Ball, Joshua G., and A. C. Higginbotham, Wake Forest, W. Va. Coal-dump.	835,386	Nov. 6	1030	220	125	261
Ball, Lewis A., Pawhuska, Okla. Ter. Rail-joint.	829,052	Aug. 21	2730	573	123	2413
Ball, Reuben S., et al. (See Mitchell, Ira G., assignor.)						
Ball, Rufus E., Prosperity, Mo. Mineral-gate.	829,316	Aug. 21	3292	694-5	123	2554
Ball, Samuel R., Oil City, Pa. Concrete-block-molding mechanism.	829,380	Aug. 28	3432	722	123	2635
Ball, Thomas D., Lamar, Mo. Treating bricks, stone, and artificial stone.	835,742	Nov. 13	1692	.....	125	470
Ball, William R. A., St. Thomas, N. D. Tie-plate.	836,854	Nov. 27	3904	833	125	1099
Ball, William R. A. and J. G., St. Thomas, N. D. Storm-sash ventilator.	814,260	Mar. 6	512	106	121	110
Ball, William R. A., and R. W. Weaver, St. Thomas, N. D. Smoke-conductor chimney-cowl.	833,151	Oct. 16	2277	478	124	1851
Ballance, John, New York, N. Y. Combined phonograph and stereopticon.	823,022	June 12	1591	329	122	2124
Ballance, John, New York, N. Y. Fountain marking-pen.	826,399	July 17	3446	715	123	902
Ballard, Charles R., et al. (See Greene, Jacob R., Jr., assignor.)						
Ballard Drop Forge Co. (See Hight, Albert W., assignor.)						
Ballard, Hesten T., Youngstown, Ohio. Governor mechanism.	812,630	Feb. 13	2241	487	120	2021
Ballard, Joseph H., Vancouver, British Columbia, Canada. Gynecological appliance.	831,592	Sept. 25	3395	713	124	946
Ballard, Melzar L., Durango, Colo. Synchronizer.	821,151	May 22	4361	927-8	122	1150
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Company. Wrapping-machine.	812,912	Feb. 20	2774	610	120	2180
Ballard, Milton H., assignor to Tripp Fruit Wrapping Machine Company, Lynn, Mass. Feeding mechanism for oranges and other articles.	820,084	May 8	2173	473-4	122	547
Ballard, Milton H., assignor to Tripp Fruit Wrapping Machine Company, Lynn, Mass. Feeding device for oranges and other articles.	820,378	May 8	2734	596	122	671
Ballard, Milton H., assignor to Tripp Fruit Wrapping Machine Company, Lynn, Mass. Wrapping-machine.	822,285	July 31	5308	1100	123	1404
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Co., San Francisco, Cal. Chain conveyor.	833,111	Oct. 9	2184	459	124	1780
Ballentine, Fred, Moscow, Okla. Ter. Animal-trap.	810,518	Jan. 23	3925	807	120	979
Ballentine, John O., Newton Center, Mass. Covering for buildings.	838,232	Dec. 11	1929	413	125	1877
Ballentyne, Brig. Sumpter, Oreg. Ore-concentrator.	818,334	Apr. 17	3562	762-3	121	2247
Ballew, Marion H., and R. A. Mead, assignors of one-third to R. R. Dixon, Los Angeles, Cal. Sash-pulley.	818,335	Apr. 17	3566	763	121	2248
Ballod, Karl, Riga, Russia. Cycle-lock.	813,937	Feb. 27	4826	1065	120	2681
Ballot, John. (See Sulman, Kirkpatrick-Picard, and Ballot.)						
Ballou, Clayton A., Providence, R. I. Electric time-switch.	830,041	Sept. 4	260	53	124	64

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ballou, Eugene H., Pawtucket, R. I. Loom for weaving sheer or Swiss fabrics.	825,504	July 10	1686	352-3	123	455
Bally, Oscar, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Halogenated dye and making same.	837,775	Dec. 4	990	.....	125	1600
Bally, Oscar, Mannheim, and H. Wolff, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene compound and making same.	809,893	Jan. 9	2550	.....	120	594
Bally, Oscar, Mannheim, and H. Wolff, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene compound and making same.	809,894	Jan. 9	2552	.....	120	594
Bally, Oscar, Mannheim, and H. Wolff, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same.	811,471	Jan. 30	5764	.....	120	1409
Bally, Oscar, Mannheim, and H. Wolff, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Blue dye and making same.	818,336	Apr. 17	3567	.....	121	2248
Bally, Oscar, and M. H. Isler, Mannheim, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Violet dye and making same.	809,892	Jan. 9	2548	.....	120	594
Bally, Oscar, and M. H. Isler, Mannheim, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same.	818,992	Apr. 24	4878	.....	121	2586
Bally, Oscar, and M. H. Isler, Mannheim, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same.	820,379	May 8	2740	.....	122	673
Balsam, Louis, New York, N. Y. Cap.	810,697	Jan. 23	4257	883	120	1052
Balsley, William E. N., Sherando, Va. Machine for placing and removing nuts upon rail-securing bolts.	819,398	May 1	738	156	122	167
Baltimore Journal Box Company. (See Patten, James S., assignor.)						
Baltimore Journal Box Company of Baltimore City. (See Patten, James S., assignor.)						
Baltzer, Daniel, Lehigh, Pa. Stair carpet or rod holder.	827,073	July 31	4866	1014	123	1292
Baltzer, John L., and L. S. Starrett, assignors to L. S. Starrett Co., Athol, Mass. Base attachment for center-gages.	813,987	Feb. 27	4935	1091	120	2703
Balveat, Clarence S., Toledo, Ohio. Combined roller and harrow.	826,137	July 17	2953	613	123	783
Balze, John C. F., assignor to R. Hoe, New York, N. Y. Web-guide.	818,655	Apr. 24	4224	908	121	2445
Balze, John C. F., assignor to R. Hoe, New York, N. Y. Stapling mechanism.	827,700	Aug. 7	7	1-2	123	1671
Balzer, Andrew M., Des Moines, Iowa, assignor to Miracle Pressed Stone Company, Sioux Falls, S. D. Lifter for molded building-blocks.	820,946	May 22	3921	836	122	1053
Bamberger, Max, F. Böck, and F. Wanz, Vienna, Austria-Hungary. Apparatus for re-oxygenating exhaled air for respiration purposes.	819,704	May 1	1316	286	122	296
Bambey, John. (See Hartlett, George D., assignor.)						
Bamford, Thomas, Lebanon, Ill. Switch mechanism for railways	827,407	July 31	5551	1154	123	1465
Bancroft, Albert L. and G. H., Los Angeles, Cal. School desk and seat and other furniture.	820,336	May 8	2653	579	122	654
Bancroft, George H. (See Bancroft, Albert L. and G. H.)						
Bancroft, James E., assignor of one-half to C. M. Milroy, Toledo, Ohio. Tire-heater.	811,026	Jan. 30	4924	1027	120	1230
Bancroft, John S., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Perforating-machine.	828,449	Aug. 14	1520	320-1	123	2073
Bancroft, John S., and M. C. Indahl, assignors to Lanston Monotype Machine Company, Philadelphia, Pa. Type-casting machine.	828,450	Aug. 14	1525	321-2	123	2074
Bancroft, John S., and M. C. Indahl, assignors to Lanston Monotype Machine Company, Philadelphia, Pa. Composing-machine.	828,451	Aug. 14	1532	323	123	2077
Bandman, Isidore C., New York, N. Y. Station-indicator.	835,592	Nov. 13	1424	305	125	404
Bandmann, Heinrich, Oberdisteln, Germany. Turn-table.	832,650	Oct. 9	1278	258	124	1561
Bane, James O., Waseca, Minn. Pump spring attachment.	812,716	Feb. 13	2394	526	120	2050
Baney, Frank E. (See Baney and Osterholt.)						
Baney, Lewis W. and F. E., and J. Osterholt, Platteville, Wis. Drill.	815,002	Mar. 13	1992	418	121	488
Bangs, Charles H., Everett, Mass. Show-case.	825,574	July 10	1830	389	123	489
Banker, Arthur L., Pittsburg, Pa. Wind-shield.	834,503	Oct. 30	5231	1110	124	2671
Banker, Arthur L., Pittsburg, Pa. Vehicle-tire rim.	834,504	Oct. 30	5232	1111	124	2671
Banker, Clarence M. (See Creighton and Banker.)						
Banks, Alexander F. (See Campbell, Robert B., assignor.)						
Banks, Archie W., assignor of one-fifth to M. A. Banks, Rockford, Ill. Heater.	810,607	Jan. 23	4101	844-5	120	1016
Banks, Archie W., assignor of one-fifth to M. A. Banks, Rockford, Ill. Heater.	826,705	July 24	4131	857	123	1097
Banks, Charles, assignor of one-half to H. Lohse, Pittsburg, Pa. Cake-turner.	815,781	Mar. 20	3642	766	121	899
Banks, John, assignor to William Clarkson & Son, St. Louis, Mo. Hat.	824,274	June 26	4040	865	122	2772
Banks, Martin A. (See Banks, Archie W., assignor.)						
Banks, Oscar T., London, England. Adjustable support for incandescent electric lamps.	816,636	Apr. 3	190	45	121	1403
Banks, Thomas J., Greenville, Mich. Hand seed-planter.	835,743	Nov. 13	1692	360-1	125	470
Bankson, Severin B., assignor of one-half to E. Rolkin, San Francisco, Cal. Safety device for folding beds.	819,686	May 1	1282	280	122	288
Bannatyne, Archibald, assignor to Bannatyne Watch Co., Waterbury, Conn. Wheel for clocks or watches.	819,708	May 8	1334	289	122	360
Bannatyne Watch Co. (See Bannatyne, Archibald, assignor.)						
Banning, Joseph O., Zanesville, Ohio. Apparatus for extinguishing fires.	829,621	Aug. 28	3954	837	123	2764
Bannister, Burr, Kalamazoo, Mich. Tool-holder.	824,275	June 26	4041	865	122	2772
Baptiste, Traynere. (See Romain, Stephen, assignor.)						
Barabasz, Mieczyslaw, Baltimore, Md. Detachable buckle.	817,464	Apr. 10	1835	384	121	1819
Barakat, Elias E., Washington, D. C. Portable scale.	809,602	Jan. 9	2021	419	120	475
Barakat, Elias E., Washington, D. C. Automatic self playing and teaching musical instrument.	836,003	Nov. 13	2163	463-4	125	582
Barb, John M., Bellevue, Ohio. Curtain-pole.	819,399	May 1	740	157	122	168
Barbagelata, Joseph, Jr., New York, N. Y. Plastering construction.	816,420	Mar. 27	4973	1056	121	1237
Barbaroux, Emilio and G., Turin, Italy. Means for signaling on automobiles or the like vehicles.	825,694	July 10	2114	440	123	563
Barbaroux, Giacomo. (See Barbaroux, Emilio and G.)						
Barber Asphalt Paving Company. (See Kerns, William E., assignor.)						
Barber Asphalt Paving Company. (See Simpson, Peter L., assignor.)						
Barber Asphalt Paving Company. (See Wardell, Henry R., assignor.)						
Barber, Belle M., et al. (See Roberts, Charles L., assignor.)						
Barber, Bert S., et al. (See Roberts, Charles L., assignor.)						
Barber, Charles A., M. J. Carr, New Brighton, and R. H. Mitchell, Beaver Falls, Pa. Shaft-detacher.	825,102	July 3	821	171	123	219
Barber, Charles E., Syracuse, N. Y. Boat-propeller.	812,475	Feb. 13	1919	423	120	1957
Barber, Charles E., Syracuse, N. Y. Boat-propeller.	813,074	Feb. 20	3107	681	120	2254
Barber-Colman Company. (See Colman, Howard D., assignor.)						
Barber, George E., assignor to Star Pin Company, Derby, Conn. Sheet-metal eye for garment-hooks.	827,841	Aug. 7	299	62	123	1744
Barber, Hiram, Chicago, Ill. Convertible screen and storm door.	822,422	June 5	370	77	122	1806
Barber, Homer F., Salem, Ohio. Railway-rail joint.	812,717	Feb. 13	2395	526	120	2051
Barber, John C., Chicago, Ill. Truck-bolster.	809,768	Jan. 9	2331	482-3	120	545
Barber, Lee W., and E. W. Webb, Chicago, Ill., assignors to American Steel Foundries, Newark, N. J. Truck-bolster.	828,870	Aug. 21	2357	501-2	123	3217

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Barber, Lyman W., <i>et al.</i> (See Roberts, Charles L., assignor.)						
Barber, Maximilian T. (See Hall and Barber.)						
Barber, Thomas W., London, England. Printing-press.	833,018	Oct. 9	1998	417-18	124	1733
Barber, William E., Hope Valley, assignor of one-half to J. A. Corey, Hopkinton, R. I. Protector-strap attachment for harness.	824,702	July 3	14	1	123	8
Barber, William M., Somerville, assignor of one-half to E. W. Anthony, Brookline, Mass. Paper-drying machine.	829,686	Aug. 28	4094	868	123	2798
Barberie, John, Brooklyn, N. Y., assignor to Barberie Locomotive Appliance Company. Safety apparatus.	825,289	July 10	1189	252	123	328
Barberie Locomotive Appliance Company. (See Barberie, John, assignor.)						
Barbet, Emile A., Paris, France, assignor of one-half to E. Jandrier, Peace Dale, R. I. Apparatus for the rectification of petroleum.	836,732	Nov. 27	3680	785-6	125	1041
Barbier, Benard & Turenne. (See Turenne, Emile L. P., assignor.)						
Barbour, William, Oxford, Iowa. Stock-watering tank.	809,928	Jan. 16	2633	544	120	663
Barclay, David. (See Schmitz, Gerhard, assignor.)						
Barclay, James A., Indianapolis, Ind. Scale pivot-bearing.	811,194	Jan. 30	5260	1101	120	1302
Barclay, John C., assignor to Western Union Telegraph Company, New York, N. Y. Telegraph-transmitter.	811,994	Feb. 6	938	205-7	120	1680
Barclay, John C., assignor to Western Union Telegraph Company, New York, N. Y. Printing mechanism.	811,995	Feb. 6	946	207	120	1681
Barclay, John C., assignor to Western Union Telegraph Company, New York, N. Y. Relay.	811,996	Feb. 6	950	208	120	1682
Barclay, Richard, Youngstown, Ohio. Horseshoe.	830,403	Sept. 4	1019	213-14	124	251
Bard, William B., High Spire, Pa. Gearing for motor-vehicles.	838,604	Dec. 18	2651	570	125	2098
Bardet, Gergette, St.-Leu-Taverny, France. Spring-wheel.	823,384	June 12	2324	487	122	2282
Bardon, Thomas, and C. E. Wiberg, Ashland, Wis. Culvert.	828,917	Aug. 21	2461	522	123	2344
Bardou, Eugene, L. Clerc, and B. Desouches, Paris, France. Protecting-cover for pneumatic tires.	822,177	May 29	6377	1354	122	1654
Bardsley, William, Kearney, N. J. Cushioning apparatus for elevator-shaft gates.	812,392	Feb. 13	1774	389	120	1927
Bardwell, Arthur F., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Combined door check and closer.	818,600	Apr. 24	4109	882-3	121	2418
Bareis, Karl. (See Kleinbach and Bareis.)						
Bareuther, Ernest W. (See Woollen, Clinton A., assignor.)						
Bargamin, Clifford, Newport News, Va. Temperature-regulator.	818,810	Apr. 24	4550	975	121	2515
Bargamin, Clifford, assignor to Novelty Manufacturing Corporation, Newport News, Va. Mechanic's furnace.	826,083	July 17	2861	593	123	762
Barger, Nathaniel S., St. Joseph, Mo. Cultivator.	814,011	Mar. 6	7	2-3	121	4
Bargiela, Tomás, J. P. Mislowsky, A. Caricchia, and L. E. Odio, Buenos Ayres, Argentina. Ether mixture for disinfecting.	812,631	Feb. 13	2243		120	2021
Barian, George W., Roseville, Ill. Dust-receiver for brooms.	831,924	Sept. 25	4103	855	124	1130
Baris, Albert J., St. Louis, Mo. Knife-sharpener.	833,499	Oct. 16	3018	640	124	2035
Baringer, Ira. (See Mellen, Frank X., assignor.)						
Barkeley, Charles S., assignor to Barkeley Electric Manufacturing Company, Middletown, Ohio. Electric switch.	822,237	June 5	10	3	122	1731
Barkeley Electric Manufacturing Company. (See Barkeley, Charles S., assignor.)						
Barkeley, Julius A., and C. L. Grigsby, Redlands, Cal. Lawn-sprinkler.	825,575	July 10	1831	389	123	489
Barker, Elihu F. (See De Moss, Charles E., assignor.)						
Barker, Elliott R., Berlin, N. H. Apparatus for the manufacture of bisulfite liquors.	818,811	Apr. 24	4551	975-6	121	2516
Barker, England J., Morgan Park, Ill. Web-perfecting printing-press.	810,608	Jan. 23	4102	845-7	120	1017
Barker, England J., Morgan Park, Ill. Type-writing machine.	812,177	Feb. 13	1344	292-3	120	1831
Barker, England J., Morgan Park, Ill. Tension-regulating device for autographic registers.	813,481	Feb. 27	3927	861-2	120	2488
Barker, England J., Morgan Park, Ill. Type-writing machine.	826,010	July 17	2712	561	123	726
Barker, Enoch W., Woodstock, Ill. Book-support.	820,170	May 8	2343	510	122	584
Barker, Frank M., assignor to H. B. Rouse, Chicago, Ill. Printer's composing-stick.	808,715	Jan. 2	184	40	120	42
Barker, Frederick W., Nyack, and T. L. White, assignors of one-tenth to J. F. Coffin, New York, N. Y. Producing gas for power purposes.	839,798	Dec. 25	5009	1069	125	2720
Barker, Henry P., Marysville, Cal. Scraper.	818,140	Apr. 17	3180	684	121	2167
Barker, James. (See Winfield and Barker.)						
Barker, James, Philadelphia, Pa. Massage implement.	819,498	May 1	923	203	122	206
Barker, James R., Green Valley, Ill. Metallic railway-tie.	835,174	Nov. 6	600	123	125	152
Barker, John F., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Hydrocarbon-burner.	825,290	July 10	1193	252	123	329
Barker, John H., assignor to C. A. Parsons, Newcastle-upon-Tyne, England. Turbine.	809,277	Jan. 9	1347	274	120	331
Barker, Lewis R., Parkville, Mo. Lathe-tool holder and steady-rest.	830,635	Sept. 11	1511	312	124	406
Barker, Ralph E. (See Everest and Barker.)						
Barker, Ralph E., Lynn, Mass., assignor to General Electric Company. Oscillating motor-fan.	819,630	May 1	1167	256	122	262
Barker, Walter H., Harrow, England. Child's folding carriage.	812,323	Feb. 13	1641	361	120	1899
Barker, Walter S., Cambridge, Mass. Garment.	821,977	May 29	5991	1277	122	1565
Barker, William D. (See Williamson and Barker.)						
Barker, William S., Toledo, Ohio. Concrete-block machine. (Reissue.)	12,542	Oct. 23	4699	995	124	2490
Barker, William S., Dayton, Ohio. Combination concrete-block and brick machine.	839,092	Dec. 25	3588	776	125	2372
Barkhouse, N. N., <i>et al.</i> (See Howard, James, assignor.)						
Barkla, William, Spokane, Wash. Saw swage and shaper.	823,754	June 19	3057	647-8	122	2499
Barklage, John H., Burlington, Iowa. Buckle-shield and trace-holder.	832,228	Oct. 2	437	81	124	1319
Barkley, Steward M., Fairchance, Pa. Nut-lock.	831,405	Sept. 18	3014	640	124	812
Barksdale, George R., Greenwood, S. C. Whist-board.	835,387	Nov. 6	1033	221	125	261
Barlow, Ashbel P., St. Joseph, assignor to P. G. Kniebes, Benton Harbor, Mich. Surgical appliance.	823,499	June 19	2577	543	122	2397
Barlow, Ashbel P., St. Joseph, assignor to P. G. Kniebes, Benton Harbor, Mich. Truss.	823,500	June 19	2578	543	122	2397
Barlow, Charles A., <i>et al.</i> (See Bartlebaugh, Benjamin C., assignor.)						
Barlow, George D., assignor to American Brake Company, St. Louis, Mo. Turning-tool.	811,027	Jan. 30	4925	1027	120	1230
Barlow, Henry C., Goldendale, Wash. Pipe-wrench.	810,365	Jan. 16	3566	733	120	863
Barlow, James S., Johnson City, Tenn. Musical wind instrument.	838,494	Dec. 11	2425	526	125	1998
Barlow, John B., Grand Rapids, Mich. Temporary binder.	811,360	Jan. 30	5574	1164	120	1370
Barlow, John B., Grand Rapids, Mich. Loose-leaf binder.	816,421	Mar. 27	4974	1056	121	1237
Barlow, John W., assignor to Western Implement Manufacturing Co., Kansas City, Mo. Combined journal and lubricator.	821,450	May 22	4964	1056	122	1283
Barlow, Wilmot. (See Janssen and Barlow.)						
Barnes, Thomas R., Vincennes, Ind. Draft-equalizer.	826,011	July 17	2713	561	123	726
Barnard, Charles S., assignor to Burns, Silver and Company, Bridgeport, Conn. Device for fastening cabinet-hardware.	824,330	June 26	4141	886	122	2793
Barnard, Harry, Hamilton, Canada. Machine for printing roller wrapping-paper.	819,709	May 8	1335	289	122	360
Barnard, Jerome W., assignor of one-half to E. C. Skiles, Joseph, Ore. Bottle-support.	831,205	Sept. 18	2631	553	124	714

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Barnard and Leas Manufacturing Company. (See Cornwall, John B., assignor.)						
Barnard, William C., Worcester, Mass. Clothes washing or cleaning machine	831,135	Sept. 18	2503	528	124	684
Barnes, Barney D. (See Barnes, Edwin and B. D.)						
Barnes, Benjamin F., Rockford, Ill. Drilling-machine	831,697	Sept. 25	3641	762-3	124	1014
Barnes, Benjamin F., Rockford, Ill. Drilling-machine	831,698	Sept. 25	3649	763-4	124	1017
Barnes, Charles, Zanesville, Ohio. Jar-closure	820,902	May 15	3824	816	122	970
Barnes, Charles A., and A. E. Cronin, Springfield, Mass. Hoisting-support	815,254	Mar. 13	2516	524	121	607
Barnes, Charles R., and A. Green, Rochester, N. Y. Apparatus for preventing collisions at railway-crossings	828,871	Aug. 21	2359	502	123	2318
Barnes, Dora E., W. O. Blackmun, and A. Miller, Hays, Kans. Wagon-dumping apparatus	813,687	Feb. 27	4329	952	120	2575
Barnes, Edmund A., Bryan, Idaho. Adjustable bedstead	817,295	Apr. 10	1489	312	121	1745
Barnes, Edward A., Fort Wayne, Ind., assignor to General Electric Company. Anti-lubricant-throwing device	822,238	June 5	13	3-4	122	1731
Barnes, Edwin and B. D., Corsicana, Tex. Fishing device	830,404	Sept. 4	1921	214	124	252
Barnes and Erb Company. (See Binder, Gottlob, assignor.)						
Barnes, Frank G. (See Zimmerman and Burke, assignors.)						
Barnes, Harvey E., Brinkhaven, Ohio. Poultry feeder and exerciser	838,161	Dec. 11	1786	383	125	1842
Barnes, John E. L. (See Sloan, Barnes, and Ogden.)						
Barnes, John S., and L. A. Rosier, Detroit, Mich. Filter	820,903	May 15	3825	816	122	970
Barnes, John W., Mount Gilead, Ohio. Fence-post	820,171	May 8	2344	510	122	584
Barnes, Joseph P., assignor to W. F. & John Barnes Company, Rockford, Ill. Gearing	823,201	June 12	1972	411	122	2208
Barnes, Joseph P., assignor to W. F. & John Barnes Company, Rockford, Ill. Chain-grate	824,331	June 26	4143	887	122	2793
Barnes, Joseph P., assignor to W. F. & John Barnes Company, Rockford, Ill. Fire-arch for furnaces	826,645	July 24	4013	831-2	123	1067
Barnes, Joshua, New York, N. Y. Inhaler	809,662	Jan. 9	2137	443	120	500
Barnes, Joshua B., Springfield, Ill. Lubricator for piston-rods	813,398	Feb. 27	3763	826	120	2450
Barnes, Joshua B., Springfield, Ill. Car-truck	820,337	May 8	2658	579	122	655
Barnes, Joshua B., Springfield, Ill. Car-truck bolster	820,338	May 8	2659	579-80	122	655
Barnes, Joshua B., Springfield, Ill. Car-bolster	822,908	June 12	1352	281	122	2070
Barnes, Joshua B., Springfield, Ill. Blow-off valve for steam-boilers	830,557	Sept. 11	1348	280	124	362
Barnes, Joshua B., Springfield, Ill. Brake-beam for railway-cars	830,558	Sept. 11	1350	280	124	362
Barnes, Joshua B., Springfield, Ill. Car-bolster	832,030	Oct. 2	7	2	124	1214
Barnes, Joshua B., Springfield, Ill. Car-bolster	834,248	Oct. 30	4744	1004	124	2547
Barnes, Justus W., Jr., assignor of one-half to W. A. Whittelsey, Pittsfield, Mass. Spring-tire	837,376	Dec. 4	198	49	125	1406
Barnes, Katharine E. (See Hillenbrand, Charles W., assignor.)						
Barnes Mfg. Co. (See Ficener, Anthony A., assignor.)						
Barnes, Nathaniel C. (See Hillenbrand, Charles W., assignor.)						
Barnes, Ned E., Willis, Tex. Rail tie and brace	815,059	Mar. 13	2119	446	121	517
Barnes, Pierre. (See Fross, William L., assignor.)						
Barnes, Will C. (See Webster, George, assignor.)						
Barnes, William M., Philadelphia, Pa. Collar and cuff shaper	811,120	Jan. 30	5086	1063	120	1264
Barnes, William M., Philadelphia, Pa. Device for adjusting the tension of traveling conveying-belts	819,710	May 8	1336	289	122	360
Barnes, William M., Philadelphia, Pa. Device for securing goods upon and removing the same from clothes-drier supports	833,910	Oct. 23	3891	825	124	2294
Barnes, William M., Philadelphia, Pa. Ironing-machine	837,257	Nov. 27	4724	1001	125	1298
Barnes, William R., Atlanta, Ga. Flue swaging and plugging machine	818,337	Apr. 17	3567	763-4	121	2248
Barnett, George W., Chicago, Ill., assignor to Thornton & Barnett Mfg. Co. Curtain-holder	816,289	Mar. 27	4664	990	121	1173
Barnett, Henry, Lemont Furnace, Pa. Ejector	835,658	Nov. 13	1551	332	125	435
Barnett, Ira S., Louisville, Ky. Gas-engine	816,062	Mar. 27	4219	894-5	121	1077
Barnett, James G., Newark, N. J. Holder for razor-blades	836,079	Nov. 20	2309	489	125	674
Barnett, John B., assignor to W. C. Forbess, W. Capps, and G. H. Clifford, Fort Worth, Tex. Merry-go-round	820,339	May 8	2660	580	122	656
Barnett, Morrison J., San Francisco, Cal. Sash-holder	831,206	Sept. 18	2632	553	124	714
Barnett, Morrison J., San Francisco, Cal., assignor, by mesne assignments, to Whitson Autopress Company. Bed-and-cylinder motion for printing-presses	808,806	Jan. 2	364	79	120	81
Barnett, Morrison J., San Francisco, Cal., assignor, by mesne assignments, to Whitson Autopress Company. Gripper for printing-presses and means for operating same	818,338	Apr. 17	3570	764	121	2249
Barnett, Morrison J., San Francisco, Cal., assignor, by mesne assignments, to Whitson Autopress Company. Delivery mechanism for printing-presses	826,825	July 24	4346	904	123	1151
Barnett, Morrison J., San Francisco, Cal., assignor, by mesne assignments, to Whitson Autopress Company. Feeder for printing-presses	829,248	Aug. 21	3143	662-3	123	2518
Barnett, Robert H., et al. (See Chadborn, Frederic C., assignor.)						
Barnett, William J., New York, N. Y. Bowling-slipper	820,757	May 15	3490	748	122	897
Barnette, Edward J., Forest City, N. C. Pinless clothes-line	820,615	May 15	3218	692	122	837
Barney, Benjamin E., Osawatimie, Kans. Draft appliance	825,505	July 10	1688	353	123	455
Barney, Edwin E., Groton, N. Y., assignor to Union Typewriter Company. Type-writing machine	833,112	Oct. 9	2185	459	124	1781
Barnhart, Clarence L., New York, N. Y. Amusement apparatus	836,799	Nov. 27	3811	812	125	1077
Barnhart, Harry J. (See King, Barnhart, and King.)						
Barnhart, John H. (See Flory and Barnhart.)						
Barnhill, Jesse F., Pampa, Wash. Rail-joint	837,999	Dec. 11	1428	310	125	1752
Barns, George E., Buffalo, N. Y. Apparatus for promoting combustion	819,400	May 1	742	157	122	168
Barnsdall, Jay T. (See Smith, William H., assignor.)						
Barnsdall, Theodore N., 2nd. (See McCourt and Barnsdall.)						
Barnstead, Robert P., Boston, Mass. Water-still	823,488	June 12	2545	536	122	2328
Barnstead, Robert P., Boston, Mass. Domestic water-still	825,178	July 3	974	205	123	254
Barnstead, Robert P., Boston, Mass. Cast-metal pipe	836,173	Nov. 20	2525	531	125	724
Barnum, Dana D., Worcester, Mass. Pipe-wrench	836,733	Nov. 27	3685	786	125	1042
Barnum, Henry H., Leonia, N. J. Garment-clasp	824,332	June 26	4145	887	122	2794
Barnum, John N., Cleveland, Ohio. Water-circulating apparatus for steam-boilers	827,203	July 31	5159	1071	123	1369
Baron, Bernhard, London, England. Apparatus for feeding tobacco to cigarette-making machines	837,776	Dec. 4	991	222-3	125	1600
Baron, Charles S. (See Haffey, James F., assignor.)						
Barothy, Arpad M. (See Kovacs, Alexander, assignor.)						
Barr, Andrew J., assignor of one-half to H. E. Homberger, Mansfield, Ohio. Flush	809,603	Jan. 9	2022	419	120	475
Barr, Charles F., Winchester, Va. Roller window-screen	827,901	Aug. 7	400	86	123	1769
Barr, Chester F. (See Scriven and Barr.)						
Barr-Fyke Machine Company. (See Barr, John H., assignor.) (Reissue.)						
Barr, Harry L., and F. Gandert, Mansfield, Ohio. Brick-cutting machine	812,973	Feb. 20	2909	641	120	2209
Barr, James R. (See Caldwell and Barr.)						
Barr, John, Dinting, England. Apparatus for producing literature for the blind	824,088	June 26	3690	786	122	2696

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Barr, John H., Kansas City, Kans., assignor to Barr-Fyke Machine Company, Jackson county, Mo. Postmarking and stamp-canceling machine. (Reissue).....	12,505	July 17	3750	778-9	123	983
Barr, John H., assignor to Smith-Premier Typewriter Company, Syracuse, N. Y. Type-writing machine.....	835,233	Nov. 6	710	146-7	125	179
Barr, Mark, assignor, by mesne assignments, to Linotype & Machinery Limited, London, England. Tracer and tool for engraving-machines.....	816,700	Apr. 3	306	71	121	1428
Barr, Mark, Cowley, near Uxbridge, assignor to Linotype Company Limited, London, England. Holder or quill for holding the rotating tools of engraving-machines.....	818,993	Apr. 24	4879	1048	121	2586
Barr, Norman S., Tombstone, Ariz. Ter. Balanced throttle-valve.....	817,153	Apr. 10	1194	247	121	1685
Barraja-Frauenfelder, Joseph, Quincy, Mass., assignor to Electric Boat Company, Bayonne, N. J. Torpedo-expulsion valve.....	822,500	June 5	524	107	122	1841
Barrett, William T., assignor to C. Cooper, Bennington, Vt. Knitting-machine needle.....	825,017	July 3	675	136	123	177
Barrell, Charles S., Boston, and R. H. Knight, Somerville, Mass. Garment-hanger.....	834,652	Oct. 30	5525	1173	124	2745
Barrett, Walter M., <i>et al.</i> (See Wyatt, George R., assignor.)						
Barrett, Arthur M. (See Barrett, John R. and A. M.)						
Barrett, Charles W., Hanford, Cal. Checkrein-fastener.....	814,507	Mar. 6	1015	209	121	221
Barrett, Ernest D., Plainfield, N. J. Flush-valve.....	816,290	Mar. 27	4666	990	121	1173
Barrett, Frederick W., Springfield, Ohio. Cuff-holder.....	835,593	Nov. 13	1425	305	125	405
Barrett, Glenn J. (See Fox and Barrett.)						
Barrett, Glenn J., assignor to Barrett Typewriter Company, Grand Rapids, Mich. Pointer for type-writers.....	835,494	Nov. 13	1235	266	125	356
Barrett, James G., Williamstown, Mass. Rail-holding means.....	820,085	May 8	2177	474	122	548
Barrett, John F., and N. C. Collins, Chicago, Ill. Electric-light fixture.....	810,836	Jan. 23	4508	939	120	1106
Barrett, John P., Rochester Mills, Pa. Ladder.....	834,653	Oct. 30	5527	1174	124	2745
Barrett, John R. and A. M., Chicago, Ill.; said A. M. Barrett assignor to said John R. Barrett. Binder.....	828,297	Aug. 14	1224	255-6	123	1998
Barrett, L. J., <i>et al.</i> (See Barry and Shaughnessy, assignors.)						
Barrett Typewriter Company. (See Barrett, Glenn J., assignor.)						
Barrett, William F., assignor to C. H. Fuller Company, Chicago, Ill. Transferring news-paper and other printed matter.....	829,193	Aug. 21	3047	638	123	2496
Barrick, Christopher C. (See Harris and Barrick.)						
Barrickman, Fred J., Ottawa, Kans. Washing-machine.....	827,052	July 24	4789	999	123	1259
Barrie, Robert C., Philadelphia, Pa. Water-filter.....	814,261	Mar. 6	513	106	121	110
Barriere, Wilfrid H., Worcester, Mass. Window.....	827,778	Aug. 7	180	37	123	1715
Barritt, Leon, New York, N. Y. Star and planet finder.....	832,527	Oct. 2	1011	203	124	1455
Barron, Charles A. (See Berry, John V., assignor.)						
Barron, Walter J. (See Merritt and Barron.)						
Barron, Walter J., Brooklyn, N. Y., and H. W. Merritt, Springfield, Mass., assignors to Densmore Typewriter Company, Syracuse, N. Y. Type-writing machine.....	833,864	Oct. 23	3767	801-2	124	2263
Barrow, Charles J. (See Grice and Barrow.)						
Barrow, Henry C., Berkeley, Cal. Automatic fire-drop for stage-scenery.....	833,993	Oct. 23	4167	884	124	2356
Barrows, Frank W., Leominster, Mass. Music-sheet holder.....	830,197	Sept. 4	604	121	124	154
Barrows, Frederic I. (See Stone, Clinton M., assignor.)						
Barrows, Frederic I., trustee. (See Stone, Clinton M., assignor.)						
Barrows, Walter A., Jr. (See Pettit, Frank, assignor.)						
Barrus, George H., Brookline, Mass. Steam-boiler.....	821,327	May 22	4697	1000-1	122	1222
Barry, Charles E., <i>et al.</i> (See Matthews, John L., assignor.)						
Barry, Charles E., Schenectady, N. Y., assignor to General Electric Company. Brake system.....	808,716	Jan. 2	186	41	120	42
Barry, Charles E., Schenectady, N. Y., assignor to General Electric Company. Over-head-trolley system.....	834,100	Oct. 23	4411	937	124	2416
Barry, Henry, Chicago, Ill. Foldable railway-velocipede.....	811,269	Jan. 30	5403	1127-8	120	1333
Barry, Henry, Chicago, Ill. Weed-extractor.....	828,452	Aug. 14	1536	324	123	2078
Barry, Henry, Chicago, Ill. Butter-cutter.....	833,572	Oct. 16	3162	672	124	2070
Barry, James, assignor of three-eighths to L. D. Bodum, Seattle, Wash., and E. J. Brennan, St. Paul, Minn. Railway-tie.....	810,698	Jan. 23	4259	883	120	1052
Barry, Jefferson D., Waco, Tex. Thill-coupling.....	836,060	Nov. 13	2261	483	125	606
Barry, Jefferson D., assignor of three-fourths to D. Wise, F. D. Dehn, and M. L. Cross-land, Waco, Tex. Combination-tool.....	813,342	Feb. 20	3639	798	120	2364
Barry, John, and M. L. Shaughnessy, Westphalia, Kans. Combined measuring and registering device.....	818,405	Apr. 24	3710	796	121	2334
Barry, John, and M. L. Shaughnessy, Westphalia, assignors of one-half to L. J. Barrett and C. M. Elmore, Hoisington, Kans. Attachment for weighing-scales.....	820,947	May 22	3923	836	122	1053
Barry, John J., Nashville, Tenn. Hydraulic pressure device.....	814,508	Mar. 6	1015	209	121	221
Barry, Linda H., Durango, Mexico. Cushion-tire for vehicle-wheels.....	830,873	Sept. 11	1971	414	124	528
Barry, Samuel H. (See Bailly, Dona C., assignor.)						
Barry, Thomas A., Athens, assignor of one-half to E. M. Siebert, Springfield, Ill. Trap.....	830,284	Sept. 4	785	160-1	124	197
Barry, Thomas D., Brockton, Mass. Stitch-separator and pricking-up machine.....	811,997	Feb. 6	952	208	120	1682
Barsalou, Henry H., Moline, Ill. Portable fire-escape.....	825,506	July 10	1691	354	123	456
Barstow, George E. (See Rietzel and Barstow.)						
Bartel, Rudolph F., Bayonne, N. J. Cast-off hook.....	836,004	Nov. 13	2166	464	125	583
Bartel, William P., Waltham, Mass., assignor to Judson L. Thomson M'g Company. Rivet.....	821,397	May 22	4861	1031	122	1260
Bartelmus, Paul E., Pendleton, Oreg. Milking apparatus.....	833,500	Oct. 16	3019	640	124	2035
Bartel, Friedrich L., Bristol, England. Apparatus for preparing bleaching liquor.....	813,688	Feb. 27	4330	953	120	2576
Bartezki, Emil A., assignor to E. A. Bartezki Amusement Company, St. Louis, Mo. Coin-controlled apparatus.....	820,543	May 15	3093	665-7	122	809
Barth, Adolf. (See Weise, Rieche, and Barth.)						
Barth, Albert, assignor to S. A. John, Pawpaw, Ill., and J. L. Kratz, Columbus, Ohio. Sheep-shearing table.....	810,181	Jan. 16	3165	655	120	775
Barth, Charles F., assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-turbine.....	816,207	Mar. 27	4514	958	121	1140
Barth, Henry, Cincinnati, Ohio. Producing printing-surfaces.....	818,656	Apr. 24	4227	909	121	2446
Barth, Johannes D., <i>et al.</i> (See Knopf, Carl, assignor.)						
Barth, Otto B., Loveland, Colo. Sugar-machine.....	810,250	Jan. 16	3320	689	120	807
Barthélemy, Louis, Paris, France. Explosive.....	829,362	Aug. 21	3389	.....	123	2579
Bartholomäus, Rudolf, Dresden, Germany. Combination-tool.....	835,698	Nov. 13	1614	343	125	449
Bartholomew, Edward, assignor of one-half to Harry Duryea, Rochester, N. Y. Device for fastening gas-pipes.....	833,662	Oct. 16	3332	709	124	2110
Bartholomew Company. (See Stevens, Cyrus, assignor.)						
Bartholomew, Fleury K., Campbell, Cal. Fruit-packing device.....	818,812	Apr. 24	4554	976	121	2516
Bartholomew, George B., Ashland, Ky. Cutter-guard for woodworking machinery.....	826,465	July 17	3574	744	123	935
Bartholomew, John B., Peoria, Ill., assignor, by mesne assignments, to Sattley Stacker Company, Indianapolis, Ind. Straw-stacker.....	817,895	Apr. 17	2685	584	121	2057
Bartholomew, John B., Peoria, Ill., assignor, by mesne assignments, to Sattley Stacker Company, Indianapolis, Ind. Straw-stacker.....	817,896	Apr. 17	2689	585-6	121	2058

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bartholomew, John B., Peoria, Ill., assignor, by mesne assignments, to Sattley Stacker Company, Indianapolis, Ind. Straw-stacker.	817,897	Apr. 17	2700	586	121	2061
Bartholomew, John B., Peoria, Ill., assignor, by mesne assignments, to Sattley Stacker Company, Indianapolis, Ind. Straw-stacker.	817,952	Apr. 17	2805	608-9	121	2086
Bartholomew, John B., Peoria, Ill., assignor to Sattley Stacker Company, Indianapolis, Ind. Straw-stacker.	818,339	Apr. 17	3572	764-5	121	2249
Bartholomew, Joseph P., Bristol, assignor to Stanley Rule & Level Company, New Britain, Conn. Ratchet mechanism for tools.	822,714	June 5	979	199	122	1944
Bartholomew, M. D. (See Singler, Frank J., assignor.)						
Bartholomew, Phineas L., Omaha, Nebr., assignor to Union Bag & Paper Company, Jersey City, N. J. Paper-bag machine.	837,275	Dec. 4	9	2-5	125	1357
Bartholomew, Ralph M., Reading Center, N. Y. Rural-mail-delivery apparatus.	822,816	June 5	1157	238	122	1982
Bartholomew, Thomas, and F. Schultz, Basil, Ohio. Buggy-boot closure.	828,082	Aug. 7	795	164	123	1867
Bartholomew, Walter H., East Orange, N. J., assignor to C. B. Hill, trustee, Montgomery, N. Y. Distilling apparatus.	829,756	Aug. 28	4227	896	123	2830
Bartholomew, Walter H., East Orange, N. J., assignor to C. B. Hill, trustee, Montgomery, N. Y. Distilling apparatus.	831,593	Sept. 25	3396	713	124	946
Bartholomew, William G., Tankweg, Hamburg-Kleiner, Grاسبrook, Germany. Box-fastener.	830,819	Sept. 11	1876	390-1	124	503
Bartle, Howell, <i>et al.</i> (See Gathmann, Louis, assignor.)						
Bartlebaugh, Benjamin C., Benwood, W. Va. Gas heating-stove.	838,936	Dec. 18	3257	705	125	2243
Bartlebaugh, Benjamin C., assignor of one-half to J. Mahood, C. A. Barlow, and P. Riedel, Benwood, W. Va. Trolley-keeper.	824,611	June 26	4728	1006	122	2918
Bartleson, James. (See Douglas and Bartleson.)						
Bartlett, Albert D., Hampton, Va. Shutter-fastener.	813,343	Feb. 20	3640	798	120	2365
Bartlett, Arthur W., Montague Valley, Canada. Mechanical motor and brake.	818,406	Apr. 24	3712	796	121	2335
Bartlett, Arthur W., Detroit, Mich. Fire-escape.	829,134	Aug. 21	2918	612	123	2463
Bartlett, Charles M., assignor to L. B. Bartlett, Cincinnati, Ohio. Copy-holder.	834,553	Oct. 30	5314	1128	124	2691
Bartlett, Eayre O., and W. F. Gordon, Joplin, Mo. Densifying and eliminating air and gas from masses of pulverulent metallic salts and oxids.	809,354	Jan. 9	1499	303	120	365
Bartlett, Frank V., Detroit, Mich. Toy car.	815,504	Mar. 20	3064	638	121	775
Bartlett, George H., Boston, Mass. Making ornamented molded concrete articles.	829,249	Aug. 21	3146	663	123	2518
Bartlett, George H., Boston, Mass. Mold.	829,377	Aug. 21	3423	720	123	2586
Bartlett, George H., San Francisco, Cal. Punch and die-press.	831,763	Sept. 25	3755	786	124	1044
Bartlett, George H., Madison, Wis., assignor to International Harvester Company. Cutting apparatus for mowers.	821,978	May 29	5992	1277	122	1565
Bartlett, Harry D., Chicago, Ill. Hand-operated tool.	821,328	May 22	4699	1001	122	1222
Bartlett, Henry B., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine. (Reissue.)	12,494	June 12	2564	540-1	122	2332
Bartlett, Henry E., Chicago, Ill. Automatic railway safety-gate.	814,012	Mar. 6	12	3	121	5
Bartlett, Henry F., Hamilton, Canada. Flexible toy-hanger.	810,900	Jan. 30	4670	973	120	1173
Bartlett, John E. (See Voss, Detlef C., assignor.)						
Bartlett, John H., and F. H. Brown, Minneapolis, Minn. Separator.	825,796	July 10	2308	481	123	608
Bartlett, Laura B. (See Bartlett, Charles M., assignor.)						
Bartlett, Leander L., Montague City, Mass. Sliding reel-band.	831,764	Sept. 25	3757	786	124	1044
Bartlett, Leander L., Montague City, Mass. Reel-clamp.	834,554	Oct. 30	5315	1128	124	2692
Bartlett, Leander L., Montague City, Mass. Reel-clamp.	834,555	Oct. 30	5316	1129	124	2692
Bartlett, Leander L., Montague City, Mass. Reel-seat.	810,385	Jan. 23	3630	748	120	909
Bartlett, Marcus J., Chicago, Ill. Cattle-tag.	824,612	June 26	4730	1007-8	122	2919
Bartlett, Ralph W., North Brookfield, Mass. Apparatus for reducing dislocated joints.	818,013	Apr. 17	2927	632	121	2114
Bartlett, Robert S., Nocona, Tex. Windmill.	828,367	Aug. 14	1368	288	123	2034
Bartley, Milton, Allegheny, Pa. Railway-tie.	826,916	July 24	4537	944	123	1199
Bartley, Samuel and W. O., Calhoun, Ill. Insulator.						
Bartley, William O. (See Bartley, Samuel and W. O.)						
Bartoletti, Peter, Brownsville, Pa. Rotary explosion-engine.	810,366	Jan. 16	3567	733-4	120	863
Barton, David, and H. K. Ackerman, Paterson, N. J. Winding-machine.	818,514	Apr. 24	3925	844	121	2378
Barton, Delbert E., Racine, Wis. Hub.	818,340	Apr. 17	3575	765	121	2250
Barton, John A., Virginia, Minn. Wrench.	813,850	Feb. 27	4655	1029	120	2646
Barton, Louis N. (See Vaughn, Henry C., assignor.)						
Barton, Lyman G., Willsboro, assignor of one-half to A. A. Wheelock, Elizabethtown, N. Y. Obstetrical forceps.	820,845	May 15	3694	788	122	942
Bartosh, Joseph M., Mount Vernon, Iowa. Attachment for traction-engines.	817,833	Apr. 17	2552	548	121	2029
Bartram, Eli S., Selma, Ala. Cream-remover.	823,986	June 19	3508	749	122	2600
Bartram, Walker B., Cannon, Conn. Coin-controlled apparatus for measuring the heights of persons.	828,593	Aug. 14	1815	382	123	2150
Bartrum, Charles W., Newburgh, N. Y. Buttonhole-fly for trousers.	828,918	Aug. 21	2462	522	123	2345
Bartrum, Charles W., assignor to Sweet, Orr & Company, Newburgh, N. Y. Suspender-loop.	814,509	Mar. 6	1016	209	121	222
Bartsch, F. Robert, <i>et al.</i> (See McCann, Daniel, assignor.)						
Baruh, Joseph Y. (See Sturgis, Samuel D., assignor.)						
Bascom, Almon W., Spokane, Wash. Metallic railway-tie.	813,611	Feb. 27	4190	919	120	2546
Bascom, Henry M., Brooklyn, assignor of one-half to J. F. Hemenway, New York, N. Y. Electric signaling device.	828,368	Aug. 14	1370	288	123	2034
Bascom, Joseph D. (See Brown, Edward A., assignor.)						
Baser, Frank. (See Clair and Baser.)						
Basford, George M. (See Fry, Urias J., assignor.)						
Basham, Arthur P., Owensboro, Ky. Churn.	829,317	Aug. 21	3295	695	123	2554
Basic Chemical Company. (See Reuter, Ludwig H., assignor.)						
Basjanoff, Wladimir, Moscow, Russia. Lock-horseshoe.	827,601	July 31	6016	1251	123	1576
Basic Chemical Works. (See Bischler, Augustus, assignor.)						
Bason, Frederick, Chicago, Ill. Track-sanding device.	820,340	May 8	2662	580	122	656
Bass, John, McKees Rocks, Pa. Pulley-block.	835,877	Nov. 13	1949	413	125	532
Bass, Max, <i>et al.</i> (See Fontaine, Thomas A., assignor.)						
Bass, Perkins B. (See Kimble, Austin, assignor.)						
Bass, Robert S., <i>et al.</i> (See Melton, Henry C., assignor.)						
Basse, Gerhard D., Milwaukee, Wis. Trellis.	824,227	June 26	3958	848	122	2754
Bassell, John Y., and F. C. Blenkner, Columbus, Ohio. Retaining device for gun-barrel hand-protectors.	814,664	Mar. 13	1341	280	121	352
Bassett, Arthur J., <i>et al.</i> (See Goodwin, Lyman O., assignor.)						
Bassett, George M., <i>et al.</i> (See Goodwin, Lyman O., assignor.)						
Bassett, Joseph M., <i>et al.</i> (See Goodwin, Lyman O., assignor.)						
Bassett, Lemuel E., Redding, Cal. Machine for working the soil.	835,929	Nov. 13	2043	436	125	554
Bassett, Ulysses T. (See Bassett, William E. and U. T.)						
Bassett, William E. and U. T., Pittsburg, Pa. Wagon-replacer.	834,882	Nov. 6	9	2	125	5
Bassford, Lowell C., Chicago, Ill. Vestibule-car diaphragm.	830,559	Sept. 11	1351	280-1	124	363
Basnick, Edgar W., assignor to Burns, Silver and Company, Bridgeport, Conn. Device for fastening cabinet-hardware.	824,333	June 26	4147	888	122	2794

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Bassinger, William H., Passaic, N. J. Combination envelop and message blank	818,657	Apr. 24	4228	909	121	2446
Bastian, Charles L., Chicago, Ill. Guiding means for bowling-alley pin spotters or setters.	811,612	Feb. 6	152	33	120	1518
Bastian, Charles L., Chicago, Ill. Bowling-alley pin-spotter	812,253	Feb. 13	1495	327	120	1865
Bastian, Charles L., assignor, by mesne assignments, to Bottlers Machinery Manufacturing Company, Chicago, Ill. Valve for counter-pressure bottle-filling machines.	833,365	Oct. 16	2720	574	124	1967
Bastian, Charles O., assignor to Bastian Meter Company Limited, London, England. Electrolytic electricity-meter.	811,538	Feb. 6	8	2-3	120	1486
Bastian Meter Company. (See Bastian, Charles O., assignor.)						
Batchelder, Asa F., Schenectady, N. Y., assignor to General Electric Company. Electric locomotive	808,717	Jan. 2	188	41	120	43
Batchelder, Mark D., Peoria, Ill. Advertising-sign	823,459	June 12	2464	521	122	2312
Batchelder, Mark D., Peoria, Ill. Car-sign support	838,937	Dec. 18	3260	705	125	2244
Batcheller, Birney C., Philadelphia, Pa., assignor to Pearsall Pneumatic Tube and Power Company, New York, N. Y. Carrier for pneumatic tubes	808,623	Jan. 2	11	3	120	5
Bate, Charles. (See Holland, Newman H., assignor.)						
Bate, Isaac N., Cleveland, Ohio. Rotary belt	833,911	Oct. 23	3893	825-6	124	2295
Bate, William S., Elizabeth, N. J. Valve-actuating mechanism for radiators	820,846	May 15	3696	788	122	942
Bateman, Earnest H., Baldur, Canada. Gage	819,499	May 1	925	203	122	207
Bateman, Frank, assignor to Bateman Manufacturing Company, Grenloch, N. J. Plant-marker	833,663	Oct. 16	3333	709	124	2110
Bateman, Harry A. (See Robinson, William T., assignor.)						
Bateman, Joseph P. (See Hettinger and Bateman.)						
Bateman Manufacturing Company. (See Bateman, Frank, assignor.)						
Bateman, Miles. (See Fuller and Bateman.)						
Bateman, William L. (See Fallis and Bateman.)						
Bates, Adelmor M., assignor to Bates Valve Bag Company, Cleveland, Ohio. Valve-bag.	810,318	Jan. 16	3467	717	120	840
Bates, Albert H. (See Cooke and Bates.)						
Bates & Bacon. (See Wallenthin, Walfrid, assignor.)						
Bates, Charles W., St. Hyacinthe, Quebec, Canada. Protector mechanism for looms	838,162	Dec. 11	1787	384	125	1843
Bates, Edward C., Grand Forks, N. D. Device for holding collars, neckties, &c.	833,366	Oct. 16	2725	574	124	1965
Bates, Edwin G., New York, N. Y., assignor to Bates Machine Company. Plunger-operating numbering-machine	834,556	Oct. 30	5317	1129	124	2692
Bates, Frank L., San Francisco, Cal. Horizontal-cylinder piston	818,860	Apr. 24	4633	995	121	2533
Bates, General L., Ellis county, Tex. Cultivator attachment	839,536	Dec. 25	4485	957	125	2592
Bates, Hiram A., administrator. (See Bates, Willard A.)						
Bates Machine Company. (See Bates, Edwin G., assignor.)						
Bates, Percy A. C., London, England. Garment-fastening	817,615	Apr. 10	2112	447	121	1876
Bates, Ralph E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical control system	811,539	Feb. 6	10	3	120	1487
Bates, Richard, Tamaqua, Pa. Hose-coupling	822,423	June 5	371	77	122	1806
Bates, Theodore C., Worcester, Mass. Apparatus for sterilizing and cleansing bottles.	812,974	Feb. 20	2910	642	120	2210
Bates Valve Bag Company. (See Bates, Adelmor M., assignor.)						
Bates Valve Bag Company. (See Rogers, John, assignor.)						
Bates, Willard A., deceased, Princeton, Me.; H. A. Bates, administrator. Eye-testing instrument	824,900	July 3	451	89	123	121
Bates, William H., Culebra, Panama. Excavator-dipper	830,959	Sept. 11	2120	448	124	562
Bates, William H., Culebra, Panama. Steam-shovel tooth	830,960	Sept. 11	2121	448-9	124	562
Bates, William H., R. C. Douglass, and W. G. Nourse, assignors to Marine Iron Works, Chicago, Ill. Rotary engine	811,613	Feb. 6	153	33-4	120	1518
Batisse, Emile, Lyon, France. Starting device for motors	827,496	July 31	5812	1205-6	123	1526
Batson, Ernest J., Dogwood, Tenn. Lamp attachment	834,505	Oct. 30	5234	1111	124	2672
Batt, John B., North Tonawanda, N. Y. Centering device for stop-cock boxes	820,616	May 15	3219	692	122	837
Battalia, Leo H., New York, N. Y. Piano-action	827,952	Aug. 7	518	106	123	1800
Batten, Percy H., assignor of one-half to H. H. Gross, Chicago, Ill. Self-propelled car	827,408	July 31	5554	1154-5	123	1466
Batterton, John. (See Perdue, Ira A., assignor.)						
Batthey, Charles C., Concord, N. H. Track-clearing device	816,208	Mar. 27	4515	958	121	1140
Battle, Charles A., Sixmile, Ala. Stalk-cutter	826,986	July 24	4657	969	123	1227
Battram, John V., Walkerville, Canada. Car-fender	827,602	July 31	6017	1252	123	1576
Bauch, Paul, Hamburg, Germany. Hoisting-machine	827,204	July 31	5161	1071	123	1370
Bauchelle, John U., et al. (See Rich, Charles C., assignor.)						
Bauchelle, Wm. M., et al. (See Rich, Charles C., assignor.)						
Bauder, George E. (See Peters, Bauder, and Campbell.)						
Baudin, Adrien, Paris, France. Generator of fluid-pressure	813,075	Feb. 20	3109	681	120	2254
Bauer, Adam J., Collinsville, Ind. Ter. Ore-separator	836,553	Nov. 20	3281	699-700	125	909
Bauer & Black. (See Bauer, Perry S., assignor.)						
Bauer & Black. (See Schulz, Otto C., assignor.)						
Bauer & Black. (See Toles, Justin K., assignor.)						
Bauer, Carl E., Hammond, Ind., assignor to Simplex Railway Appliance Company, Chicago, Ill. Reinforced brake-beam	813,612	Feb. 27	4191	919	120	2546
Bauer, Carl E., Hammond, Ind., assignor to Simplex Railway Appliance Company, Chicago, Ill. Brake-beam fulcrum	828,369	Aug. 14	1371	289	123	2035
Bauer, Carl E., Hammond, Ind., assignor to Simplex Railway Appliance Company, Chicago, Ill. Brake-beam fulcrum	828,370	Aug. 14	1372	289	123	2035
Bauer, Carl E., and F. L. Susemihl, Hammond, Ind., assignors to Simplex Railway Appliance Company, Chicago, Ill. Truck side bearing	820,172	May 8	2346	510-11	122	584
Bauer, Charles, New York, N. Y. Car-fender	813,938	Feb. 27	4827	1065	120	2682
Bauer, Charles G., Brooklyn, N. Y. Rotary engine	820,544	May 15	3097	667	122	810
Bauer, Charles V., Louisville, Ky., assignor to Bauer Machine Company. Thread-controlling device for sewing-machines	822,337	June 5	224	46	122	1775
Bauer, Ervan L., Wellsburg, W. Va. Ventilated lid and cover	836,174	Nov. 20	2526	531	125	725
Bauer, Hans B. (See Rahr and Bauer.)						
Bauer, Joseph H., assignor of one-half to W. Feldschau, New York, N. Y. Attachment for planers	825,797	July 10	2309	481	123	609
Bauer, Joseph P. (See Frish and Shank, assignors.)						
Bauer Machine Company. (See Bauer, Charles V., assignor.)						
Bauer, Nicholas E. (See Fixler and Bauer.)						
Bauer, Perry S., assignor to Bauer & Black, Chicago, Ill. Sanitary napkin	808,624	Jan. 2	12	3	120	5
Bauer, Perry S., assignor to Bauer & Black, Chicago, Ill. Adhesive plaster and making same	825,291	July 10	1195	252	123	330
Bauer, Richard, Oakland, Cal. Power-hammer	838,233	Dec. 11	1931	413	125	1878
Bauer, Theodor. (See Oehler and Bauer.)						
Bauer, Wilhelm, Vohwinkel, near Elberfeld, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Red disazo dye	839,360	Dec. 25	4119		125	2504
Bauer, William, assignor of six-sevenths to M. C. Peter, W. H. Richardson, A. Ruetlinger, E. J. Miller, O. C. Richardson, Louisville, Ky., and B. C. Neat, New Albany, Ind. Automatic sprinkler system	831,207	Sept. 18	2633	553	124	714

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Orig.	Vol.	Page.
Bauermeister, William, Columbus, Ohio. Machine for use in the manufacture of chain-links.....	838,069	Dec. 11	1595	342	125	1794
Baugh, Thomas J., Hopkinsville, Ky. Wire-working tool.....	810,837	Jan. 23	4509	939	120	1106
Baughner, David L., assignor of one-half to J. P. Thayer, Paola, Kans. Well-drilling machine.....	812,393	Feb. 13	1777	389	120	1928
Baum, Edward, Knoxville, Tenn. Device for treating the nasal passages.....	820,948	May 22	3926	836	122	1054
Baum, Frank G., San Francisco, Cal. High-tension insulator.....	838,163	Dec. 11	1792	384	125	1845
Baum, Gustav, Breslau, Germany. Taxometer or fare-indicator.....	820,281	May 8	2563	556-7	122	634
Baum, Jacob, Cincinnati, Ohio. Flexible door and shutter and certain connections therefor.....	824,334	June 26	4148	888	122	2794
Baum, Jacob, Cincinnati, and F. J. Nutting, Dayton, Ohio; said Nutting assignor to said Baum. Machine for forming safe-plates.....	824,613	June 26	4734	1009	122	2919
Bauman, Herman. (See Mitchell and Bauman.).....						
Bauman, John H., Concord, Nebr. Hay-stacker.....	830,198	Sept. 4	605	122	124	155
Bauman, William W., Morton, Ohio. Fastener for leggings.....	832,447	Oct. 2	864	166	124	1420
Baumann, Adrian, Zurich, Switzerland. Electricity-meter.....	828,371	Aug. 14	1373	289	123	2035
Baumann, Charles, Sr. (See Dunn and Jennings, assignors.).....						
Baumann, Ernst K. A. (See Seyboth and Baumann.).....						
Baumann, Fritz, Kaiserslautern, Germany. Cover for road-manholes.....	814,013	Mar. 6	17	4	121	6
Baumer, Francis, New York, N. Y. Resilient base for candle-holders.....	814,636	Mar. 6	1263	265	121	274
Baumer, Francis, New York, N. Y. Candle-lamp.....	832,356	Oct. 2	676	130	124	1375
Baumgardner, William G. (See Berry and Baumgardner.).....						
Baumgart, August, Lind, Wash. Life-saving boat.....	811,815	Feb. 6	525	118	120	1597
Baumgartner, John, Chattanooga, Ohio. Concrete chimney-top.....	831,699	Sept. 25	3655	764	124	1019
Baumgartner, Joseph P., assignor of one-half to W. I. Forbes, Philadelphia, Pa. Placket-closer.....	833,501	Oct. 16	3021	641	124	2035
Baumgartner, Max, Chicago, Ill. Paper-feeding apparatus.....	824,401	June 26	4293	915	122	2823
Baumruk, Joseph, Chicago, Ill. Scrubbing-brush.....	827,074	July 31	4867	1014	123	1293
Baumsee, Saturn B. (See Citron, Saul, assignor.).....						
Baurmann, Gustav, assignor to Illinois Sewing Machine Company, Chicago, Ill., White Sewing Machine Company, Cleveland, and Davis Sewing Machine Company, Dayton, Ohio. Sewing-machine cabinet.....	809,240	Jan. 2	1255	256	120	277
Bauroth, Leonhard, assignor to Lawrence Manufacturing Co., Toledo, Ohio. Collapsible die for wiring or beading.....	810,023	Jan. 16	2836	586	120	706
Bausch, Edward, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic-lens mount.....	830,820	Sept. 11	1876	391-2	124	503
Bausch & Lomb Optical Company. (See Bausch, Edward, assignor.).....						
Bausch & Lomb Optical Company. (See Klein, Rudolph, assignor.).....						
Bausch & Lomb Optical Company. (See Pellow, Arthur, assignor.).....						
Bausch, Lomb, Saegmuller Company. (See Saegmuller, George N., assignor.).....						
Bausch, Lomb, Saegmuller Company <i>et al.</i> (See Saegmuller, George N., assignor.).....						
Bausher, Charles M., and A. C. Myers, Greentown, Ohio. Water-heater.....	834,444	Oct. 30	5115	1085	124	2640
Bawden, Edwin, New York, N. Y. Game apparatus.....	833,725	Oct. 23	3458	738	124	2185
Baxendell, Franklin A., <i>et al.</i> (See Stein, Jacob, assignor.).....						
Baxter, Alvah J., Aledo, Ill. Brake attachment for hay-racks.....	832,007	Sept. 25	4247	887	124	1167
Baxter, Berry A., Mansfield, Ohio. Manifolded account-book.....	823,755	June 19	3059	648	122	2499
Baxter, Berry A., Mansfield, Ohio. Manifolded account-book.....	823,756	June 19	3060	648	122	2500
Baxter, Berry A., Mansfield, Ohio. Swivel-burner.....	827,902	Aug. 7	402	86	123	1770
Baxter, David M., assignor of one-half to M. H. Baxter, Newport News, Va. Metal-bending machine.....	818,932	Apr. 24	4766	1024	121	2562
Baxter, Frederick W. (See Wadsworth, Arthur J., assignor.).....						
Baxter, Maxwell H. (See Baxter, David M., assignor.).....						
Baxter, William, Jr., Jersey City, N. J. Type-writer.....	816,552	Apr. 3	1	1	121	1355
Baxter, William, Jr., Jersey City, N. J. Type-writer.....	816,637	Apr. 3	192	45	121	1403
Baxter, William E., Frankfort, Ky. Cooking apparatus.....	828,801	Aug. 14	2213	470-1	123	2232
Bay State Tool Company. (See Walden, Frederick E., assignor.).....						
Bayer, Alexander, Brünn, Austria-Hungary. Apparatus for gas analysis.....	834,040	Oct. 23	4271	906-7	124	2383
Bayer, William F. (See Chase and Bayer.).....						
Bayles, Lewis C. (See Hellman and Bayles.).....						
Bayley, Charles H., Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Skiving-machine.....	823,578	June 19	2731	578-9	122	2429
Bayley, Guy L., Pittsburg, assignor to J. H. Fertig, Titusville, Pa. Valve for filters.....	825,507	July 10	1693	354-5	123	456
Bayley, Guy L., Pittsburg, assignor to J. H. Fertig, Titusville, Pa. Valve for filters.....	825,508	July 10	1695	355-6	123	457
Bayley, Guy L., Pittsburg, Pa., assignor to Cummings Filter Co. Filtering apparatus.....	837,658	Dec. 4	762	174	125	1543
Baylies, Fred N., <i>et al.</i> (See Mosteller, Dosier H., assignor.).....						
Baylies, Ritley N., <i>et al.</i> (See Mosteller, Dosier H., assignor.).....						
Baylor, Elwood O., Adrian, Mich. Gate-latch.....	814,665	Mar. 13	1343	280	121	352
Baynard, William H., Boston, assignor to A. E. Little & Company, Lynn, Mass. Shank-piece for boots and shoes.....	815,327	Mar. 20	2708	564	121	696
Bayne, John J., Alexandria, Va. Gun-bearing.....	811,540	Feb. 6	12	3-4	120	1487
Bayne, William M. (See Leineweber, Herman, assignor.).....						
Baynes, Frederick W., Exeter, England. Cash till and register.....	827,779	Aug. 7	1812	37	123	1715
Baysdorfer, Otto, Omaha, Nebr. Static electric machine.....	827,497	Aug. 31	5816	1206	123	1527
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Car-coupling.....	828,177	Aug. 7	966	199-200	123	1907
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Uncoupling mechanism for cars.....	828,266	Aug. 7	1120	236-7	123	1943
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Car-coupling.....	833,434	Oct. 16	2874	609-10	124	2003
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Car-coupling.....	833,435	Oct. 16	2876	610	124	2004
Bazinet, Louis M., <i>et al.</i> (See Forgues, Laurence Z., assignor.).....						
Bazlen, Max, assignor to Badische Anilin und Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Manganese peroxid sulfate and making same.....	837,777	Dec. 4	993		125	1601
Bequette, John W., Platteville, Wis., and B. F. Sackett, Toledo, Ohio. Ventilator.....	827,603	July 31	6018	1252	123	1576
Beach, Edward W. (See Stickle, Fredrick W., assignor.).....						
Beach, Edwin R., Jersey City, N. J. Adding-machine.....	808,893	Jan. 2	542	120	120	120
Beach, Harry W., Montrose, Pa. Valve.....	811,361	Jan. 30	5576	1164	120	1370
Beach, Seth, Toledo, Ohio. Faucet-opening seal and attachable faucet for cans.....	832,287	Oct. 2	544	103	124	1345
Beach, Thaddeus C., St. Johns, Mich. Pedestal-table.....	812,394	Feb. 13	1780	390	120	1928
Beach, Warren D. (See Allen and Beach.).....						
Beach, Willard J., assignor to Heyl & Patterson Incorporated, Pittsburg, Pa. Safety device for elevators.....	834,883	Nov. 6	11	3	125	5
Beagley, George. (See Dawson, James W., assignor.).....						
Beahm, Peter, Altoona, Pa. Lubricating apparatus for air-pumps.....	819,401	May 1	744	157-8	122	169

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Beakbane, James, Kingston, N. Y., assignor, by mesne assignments, to Doehler & Beakbane Manufacturing Co. Casting apparatus.	829,566	Aug. 28	3842	816	123	2738
Beal, Harry F., Franklin, Pa. Track construction for railways.	828,453	Aug. 14	1537	324	123	2079
Beale, Harry A., McCook, Nebr. Torpedo-setting device.	811,472	Jan. 30	5765	1207	120	1409
Beale, William F., Los Angeles, Cal. Step-ladder.	820,457	May 15	2922	635	122	771
Beall, Albert E., Clinton, Iowa. Chair.	816,209	Mar. 27	4517	959	121	1141
Beall, Albert E., Clinton, Iowa. Support for woven-wire mattresses.	839,093	Dec. 25	5591	777	125	2372
Beall, Albert E., assignor to Mississippi Burial Vault Co., Clinton, Iowa. Cement burial-vault.	833,367	Oct. 16	2727	575	124	1968
Beall, Harry T., and I. V. Guy, Fort Thomas, Ky. Crib attachment for bedsteads.	817,542	Apr. 10	1980	419	121	1849
Beall, John W., Chicago, Ill. Securer for gates and doors.	823,501	June 19	2579	544	122	2398
Beall, William L., assignor to Gale Manufacturing Company, Albion, Mich. Sulky-plow.	816,771	Apr. 3	435	98	121	1454
Beals, Erl V., Boston, Mass. Attachment for keyboard-machines.	812,542	Feb. 13	2059	452-5	120	1987
Beals, Erl V., Boston, Mass. Areameter.	818,601	Apr. 24	4111	883-4	121	2419
Beam, Calvin L., Rockwell City, Iowa. Bracket for shade-rollers.	820,593	May 15	3362	721	122	866
Beam, John B. (See Rush, Stephen P., assignor.)						
Beamman, William M., Washington, D. C. Attachment for surveying instruments.	816,422	Mar. 27	4976	1057	121	1237
Beamer, William A., Mount Vernon, Ohio. Pie cutter and crimper.	831,208	Sept. 18	2635	554	124	715
Bean, Alonzo S., New Plymouth, Idaho. Insect-destroying device.	832,179	Oct. 2	326	61	124	1292
Bean, Benjamin F., Gilford, N. H. Hook for cutting corn, &c.	818,813	Apr. 24	4555	976	121	2516
Bean, Henry W., et al. (See Ashley, Frank M., assignor.)						
Bean, John, Los Gatos, Cal. Animal-trap.	829,688	Aug. 28	4101	869	123	2800
Bean, Joseph A., Franklin township, Hendricks county, Ind. Riding-cultivator.	818,071	Apr. 17	3033	655	121	2134
Bean, Joseph S., West Norwich, Vt. Spittoon.	829,687	Aug. 28	4101	869	123	2800
Bean, Roscoe, Berea, Ohio. Repeating torpedo-cane.	810,386	Jan. 23	3631	748	120	910
Beane, Benjamin F., and R. P. Bennett, New Paris, Ohio. Fire-alarm system.	821,581	May 22	5193	1108	122	1330
Beane, Benjamin F., and R. P. Bennett, New Paris, Ohio. Fire-alarm system.	825,509	July 10	1698	356-7	123	457
Beanes, Warwick H., and H. Walton, Peterborough, England. Hot-water heating apparatus.	809,164	Jan. 2	1065	221-2	120	233
Beans, Manasseh W., Memphis, Mo. Railway-signal.	810,387	Jan. 23	3635	749	120	910
Beard, Clarence C., Sailes, La. Saw-set.	831,406	Sept. 18	3016	641	124	812
Beard, Francis J., Bloxwich, England. Bridle-bit.	835,092	Nov. 6	438	88	125	115
Beard, James W., and J. Salter, Bienville, La. Base for posts.	817,742	Apr. 17	2319	504	121	1985
Beard, Richard M., New York, N. Y. Intercommunication telephone system.	809,929	Jan. 16	2634	545	120	663
Beardslee, James C., assignor to Sherwin-Williams Company, Cleveland, Ohio. Wheel-painting machine.	834,249	Oct. 30	4746	1004	124	2548
Beardslee, James C., and W. J. Critchley, assignors to Sherwin-Williams Company, Cleveland, Ohio. Wheel-painting machine.	834,250	Oct. 30	4749	1005	124	2549
Beardsley, Andrew H. (See Beardsley, Arthur L. and A. H.)						
Beardsley, Arthur L., Chicago, Ill., and A. H. Beardsley, Elkhart, Ind. Twist drill and socket.	833,113	Oct. 9	2188	460	124	1781
Beary, Wash, Escatawpa, Ala. Log-hoist.	825,502	June 19	2580	544	122	2398
Bearse, George C., Portland, Me. Fishing-rod.	819,500	May 1	928	203	122	208
Beasley, Waldmre S., Westlake, Fla. Cheese-box.	837,176	Nov. 27	4571	969	125	1260
Beason, William A., Ashville, Ala. Wrench.	833,865	Oct. 23	3779	803	124	2266
Beath, William D., Columbus, Canada. Feed and litter carrier.	827,842	Aug. 7	300	62	123	1745
Beaton, Allan J., New Britain, Conn. Floor and ceiling plate.	837,536	Dec. 4	506	117	125	1482
Beatrice Manufacturing Company. (See Walter, Theophil P., assignor.)						
Beattie, James G., New York, assignor to Robert Gair Company, Brooklyn, N. Y. Machine for applying adhesives to paper, &c.	820,086	May 8	2179	474-5	122	549
Beattie Machine Works. (See Smith, Thomas S., assignor.)						
Beatty, Hugh, Pittsburg, Pa. Brake.	814,422	Mar. 6	871	178	121	190
Beatty, Hugh, Pittsburg, Pa. Window-cleaner.	815,782	Mar. 20	3643	766	121	899
Beatty, John H., assignor of one-half to R. E. Stone, Amite City, La. Garter.	820,380	May 8	2741	597	122	673
Beatty, John S. (See Mosher and Beatty.)						
Beau, Henri, Paris, France. Pump.	810,182	Jan. 16	3165	655	120	775
Beauceage, Joseph H. D., Pittsfield, Mass. Rotary reversible steam-engine.	834,041	Oct. 23	4274	907	124	2383
Beauchamp, Hilary J., Vossen, Canada. Single-delivery match-box.	819,501	May 1	929	203	122	208
Beauchamp, Newton R., Atlanta, Ga. Air-brake system.	828,635	Aug. 14	1890	398	123	2169
Beauchemin, Louis N., assignor of one-half to G. H. Simpson, Montreal, Canada. Nail-less horseshoe.	814,184	Mar. 6	354	72	121	77
Beauchemin, Victor E., Sorel, Quebec, Canada. Vehicle-wheel.	838,070	Dec. 11	1597	343	125	1795
Beauchene, Charles. (See Collie and Beauchene.)						
Beaudet, John, Somerville, Mass. Drawer-slide.	825,695	July 10	2115	440-1	123	563
Beaudry, Arthur, Manistique, Mich. Box-top-securing device.	814,932	Mar. 13	1845	386	121	460
Beauford, Henry, Kansas City, Mo. Motor roller-skate.	823,385	June 12	2325	487	122	2282
Beaufore, William C. (See Brabant and Beaufore.)						
Beaumont, David W., Brooklyn, N. Y. Holder for fountain-pens, &c.	839,537	Dec. 25	4486	957	125	2592
Beaumont, Thomas R., Park Place, London, England. Construction of wheels.	808,625	Jan. 2	13	3	120	5
Beauregard, Victor, Roxbury, Mass. Door check and spring.	832,891	Oct. 9	1768	365	124	1678
Beaver, Byron R., Ulysses, Nebr. Lifting-jack.	824,614	June 26	4739	1009	122	2921
Beaver, Charles V., Anita, Iowa. Telephone system.	826,220	July 17	3118	647	123	821
Beaver, Charles V., Anita, Iowa. Telephone system.	833,866	Oct. 23	3780	803-4	124	2266
Beaver Dam Manufacturing Company. (See Nelson, Nicholas R., assignor.)						
Beaver Dam Manufacturing Company. (See Nelson and Kalkhurst, assignors.)						
Beaver, John E., Warwick, Ohio. Boltless joint connection.	811,473	Jan. 30	5766	1207	120	1409
Beazley, John W. (See Keith, William M., assignor.)						
Beazley, Joseph O., Baltimore, Md. Faucet.	809,895	Jan. 9	2553	528	120	594
Becherer, Jay W., Brooklyn, N. Y., assignor to Coston Signal Company. Signal box or package.	815,783	Mar. 20	3643	766	121	899
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Flat-bed web-printing press.	809,241	Jan. 2	1257	256	120	277
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Web-manipulating mechanism.	811,121	Jan. 30	5087	1064	120	1264
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Web-looping mechanism.	811,270	Jan. 30	5408	1128	120	1334
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Web-looping mechanism.	811,271	Jan. 30	5410	1128	120	1335
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Rotary printing press.	814,510	Mar. 6	1017	209-11	121	222
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Inking apparatus for printing-presses.	823,098	June 12	1752	360-1	122	2158
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Means for fastening plates to cylinders.	823,099	June 12	1754	361	122	2158

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Means for supporting web-rolls while being unwound.....	830,285	Sept. 4	786	161	124	197
Bechtel, Henry S. (See Bechtel, Robert M. and H. S.)						
Bechtel, Robert M. and H. S., Philadelphia, Pa. Horseshoe.....	825,179	July 3	976	205	123	255
Bécigneul, Joseph J. M., Nantes, France. Apparatus for treating gas-purifying materials.....	833,114	Oct. 9	2189	460	124	1782
Bécigneul, Joseph J. M., Nantes, France. Extraction of sulfur from gas-purifying materials.....	833,573	Oct. 16	3166	672	124	2071
Beck, Albert E., Anacostia, assignor of one-half to M. R. Yates, Washington, D. C. Flat-car.	830,471	Sept. 4	1152	242	124	284
Beck, Charles W. (See Harris, William W., assignor.)						
Beck, Charles W., assignor, by mesne assignments, to Electrolite Gas Lamp Company, New York, N. Y. Acetylene-gas generator.....	820,468	May 15	2923	635	122	772
Beck, Conrad and H. C., assignors to C. Beck, London, G. M. Lawford, Westminster, and D. S. Capper, London, England. Range-finder.....	819,031	Apr. 24	4957	1064	121	2604
Beck, Frederick O., administrator. (See Des Jardins, Gideon J.)						
Beck, George C., Beavercreek, Minn. Register for pool-tables.....	811,195	Jan. 30	5262	1101-2	120	1302
Beck, Henry U. (See Adams, William H., assignor.)						
Beck, Horace C. (See Beck, Conrad and H. C.)						
Beck, Howard H. (See Fowler, John E., assignor.)						
Beck, John, Ashland, Wis. Refrigerating means.....	813,195	Feb. 20	3343	735-6	120	2304
Beck, John F., assignor of one-half to E. F. Hamm, Chicago, Ill. Electric motor and generator.....	819,971	May 8	1904	421-3	122	484
Beck, Joseph E., New Orleans, La. Plastic composition.....	834,101	Oct. 23	4413		124	2417
Beck, Leopold, Sömmerda, Germany. Automatic setting-key for setting the firing-charge rings of time-fuses.....	817,616	Apr. 10	2113	447-8	121	1876
Beck, Matthias A., Milwaukee, Wis. Automatic load-brake.....	836,912	Nov. 27	4045	865	125	1132
Beck, William, St. Paul, assignor of six-tenths to F. and W. Brahs, J. McGrann, C. Joyce, F. Johnson, and T. Welch, Henderson, Minn. Shoe-sole fastener.....	808,807	Jan. 2	366	79	120	81
Beck, William, assignor of seven-tenths to F. and W. Brahs, C. Joyce, J. McGrann, F. Johnson, and T. Welch, Henderson, Minn. Shoe-sole fastening.....	818,861	Apr. 24	4635	995	121	2533
Beck, William O., Chicago, Ill. Shoe-polishing stand.....	838,938	Dec. 18	3262	705	125	2244
Becke, Max, Höchst-on-the-Main, Germany. Producing multicolored dye effects in woolen fabrics, &c.....	815,671	Mar. 20	3390		121	847
Becker, Adolf, Berlin, Germany. Planing-machine.....	828,298	Aug. 14	1228	256	123	1999
Becker, Adolph F., Elizabeth, N. J., assignor to Diehl Manufacturing Company. Electric fan.....	825,576	July 10	1832	390	123	489
Becker, Anton, Columbus, Ohio. Freight-car.....	824,615	June 26	4740	1010	122	2921
Becker, Anton, Columbus, Ohio. Underframe construction for cars.....	834,654	Oct. 30	5528	1174	124	2745
Becker, Anton, assignor to Ralston Steel Car Co., Columbus, Ohio. Steel underframe construction for cars.....	837,895	Dec. 4	1218	269	125	1656
Becker, August E., Barron, Wis. Gate.....	836,061	Nov. 13	2262	483-4	125	606
Becker, Charles J., Los Angeles, Cal. Brooder.....	808,808	Jan. 2	367	79	120	81
Becker, George, Providence, R. I. Bracelet.....	839,538	Dec. 25	4488	957	125	2592
Becker, John, Wichita, Kans. Door-holder.....	812,476	Feb. 13	1921	423	120	1958
Becker, John, Wichita, Kans. Door-holder.....	828,802	Aug. 14	2215	471	123	2252
Becker, John W., Dayton, Ohio. Ellipsograph.....	828,372	Aug. 14	1375	290	123	2036
Becker, Joseph E., Foreman, Ark. Plow.....	834,445	Oct. 30	5116	1086	124	2641
Becker & Kolbinger. (See Münster, Karl, assignor.)						
Becker, Oscar, Berlin, Germany. Magazine film-holder.....	822,501	June 5	526	107-8	122	1841
Becker, Oscar, Berlin, Germany. Light-tight packet for photographic sensitized surfaces.	838,939	Dec. 18	3263	705	125	2244
Becker, Philip, Anderson, Ind., assignor, by mesne assignments, to Geneva Toy & Game Company. Game apparatus.....	816,553	Apr. 3	4	1	121	1355
Becker, Robert A., Schenectady, N. Y., assignor to General Electric Company. Railway switch-lock.....	829,832	Aug. 28	4398	927	123	2873
Becker, Theodor. (See Eichengrün and Becker.)						
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Producing molybdenum and its alloys.....	835,052	Nov. 6	360		125	96
Beckh, Walter. (See Conrad and Beckh.)						
Beckley, Joseph C., Dayton, Ohio. Water-tube boiler.....	821,329	May 22	4700	1001-2	122	1223
Beckman, Frank W. (See Nystrom and Beckman.)						
Beckman, Jacob H. (See Nystrom and Beckman.)						
Beckwith, Arthur K., Dowagiac, Mich. Finishing metals.....	835,659	Nov. 13	1552	332	125	435
Beckwith, Charles F., Boston, assignor of one-half to T. W. Spencer, Watertown, Mass. Eyeglasses.....	834,655	Oct. 30	5531	1174	124	2747
Beckwith, Grove R., and G. R. Lawrence, assignors to H. F. Williams, Minneapolis, Minn. Mop-wringer.....	819,687	May 1	1283	280	122	288
Beckwith, Nelson, Somerville, Mass. Wheel-tire.....	830,448	Sept. 11	1199	250	124	325
Beckwith, Robert B. (See Hinker and Beckwith.)						
Beckwith, William, assignor of one-half to B. E. Davis, Lowell, Mass. Spinning-flier.....	816,701	Apr. 3	307	72	121	1428
Becton, Millard F., Jersey City, N. J. Thermometer.....	821,848	May 29	5746	1223	122	1511
Becton, Millard F., Jersey City, N. J. Thermometer.....	825,798	July 10	2311	481	123	610
Bedell, Benjamin H., London, England. Collector.....	826,138	July 17	2954	614	123	783
Bedell, Francis H., assignor of one-half to A. McLean, Brooklyn, N. Y. Bowling-alley.	837,177	Nov. 27	4572	969-70	125	1260
Bedell, Isaac E., York, Pa. Revolving chair.....	826,917	July 24	4539	944	123	1199
Bedell, Richard M., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	811,362	Jan. 30	5578	1164	120	1371
Bedell, Richard M., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	816,841	Apr. 3	581	121	121	1488
Bedford, Ebenezer S., assignor of one-half to J. R. Hunzicker, Grand Rapids, Mich. Insecticide-trap.....	820,341	May 8	2664	581	122	656
Bedford, Jefferson W., Jr., Omaha, Nebr. Adjustable back-brush for bath-tubs.....	819,200	May 1	328	70	122	81
Bedient, George H., assignor, by mesne assignments, of one-half to F. G. Hereford, Baltimore, Md. Metallic fabric.....	819,711	May 8	1338	290	122	361
Bedinger, Singleton B., Terrell, Tex. Combined trousers-stretcher and coat-hanger.....	830,874	Sept. 11	1973	414	124	529
Bednarowicz, Theophil, South Bend, Ind. Self-lubricating trolley-wheel.....	827,843	Aug. 7	303	63	123	1745
Bedortha, Alfred C. and G. Q., Windsor, Conn. Treatment of tobacco.....	821,919	May 29	5878	1250	122	1541
Bedortha, Alfred C. and G. Q., Windsor, Conn. Treatment of tobacco.....	822,239	June 5	18	4	122	1732
Bedortha, George Q. (See Bedortha, Alfred C. and G. Q.)						
Bee Hive Fly Catcher Company. (See Corbett, Henry R., assignor.)						
Bee-Hive Fly Catcher Company. (See Samuels, Jacob, assignor.)						
Bee, Joseph F. (See Milligan and Bee.)						
Bee, William E. (See Reynolds and Bee.)						
Beebe, Dillon, Newark, N. J. Faucet-bung.....	824,228	June 26	3959	848	122	2755
Beebe, Dillon, Newark, N. J. Faucet-bung.....	824,229	June 26	3961	849	122	2755
Beebe, Dow R., Bridgeport, Conn. Coat-hanger.....	815,060	Mar. 13	2120	447	121	517
Beebe, Fred, Ludington, Mich. Grease-cup.....	839,539	Dec. 25	4490	958	125	2593

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Beebe, Joseph E., Harlan, Iowa. Foldable milking-stool and pail-holder.	815,672	Mar. 20	3391	708-9	121	847
Beecher, Adolphus H., Mason City, Iowa. Safety starting mechanism for motors.	815,137	Mar. 13	2284	477	121	554
Beekhuis, Hermanus A., Hanford, assignor to California Fruit Cannery Association, San Francisco, Cal. Apparatus for removing the skin from fruit.	836,913	Nov. 27	4046	865	125	1132
Beelendorf, Jürgen T., Süderende, Föhr Island, Germany. Means for scraping and cleaning the hulls of vessels.	826,012	July 17	2714	561	123	726
Beeler, Samuel A., Washington, Pa. Rail-joint.	819,502	May 1	930	204	122	208
Beeney, Henry S., Eliza, Ill. Brake mechanism.	809,165	Jan. 2	1071	222	120	235
Beerbower, Arthur W., Bryan, Ohio. Glass washer and scourer.	832,448	Oct. 2	865	167	124	1421
Beerkle, Frank X., Jr., Hiteman, Iowa. Rake attachment.	811,760	Feb. 6	416	91	120	1577
Beers, James O., Jr. (See Cantwell, Thomas, assignor.)						
Beetlestone, Edward, West Smethwick, England. Glass-rolling machinery.	818,141	Apr. 17	3183	685	121	2167
Beeton, John, Hucknall Torkard, England. Miner's pick.	828,299	Aug. 14	1229	256	123	2000
Beever, Edward J., Jellico, Tenn. Combined match-box and oil-can.	825,372	July 10	1366	288	123	373
Begg, Andrew, <i>et al.</i> (See Smith, Robert C., assignor.)						
Beglerbeg, Oscar von, Brunswick, Ga. Horse-detacher.	819,712	May 8	1339	290	122	361
Begole, Gordon W., assignor to Grand Rapids Saddlery Hardware Manufacturing Company, Limited, Grand Rapids, Mich. Terret for harness.	821,604	May 29	5262	1122	122	1403
Béguelin, Numa, Solothurn, Switzerland. Stem-winding watch.	819,713	May 8	1341	290	122	362
Béguelin, Numa, Solothurn, Switzerland. Stem-winding mechanism.	819,714	May 8	1342	290	122	362
Béguelin, Numa, Solothurn, Switzerland. Stem-winding watch.	823,503	June 19	2582	544	122	2398
Behagel, Wilhelm, and G. K. Schumann, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making phenylglycin salts.	818,341	Apr. 17	3577		121	2250
Béhal, Auguste, Paris, France, assignor, by mesne assignments, to Special Products Company. Manufacture of celluloid.	831,028	Sept. 18	2260		124	631
Behm, Gustav, Chicago, Ill. Extension-table.	830,042	Sept. 4	262	53	124	64
Behnisch, Carl H., Luckenwalde, Germany. Machine for cleaning textile fibers.	831,047	Sept. 18	3017	641	124	813
Behr, Burkard, Hamburg, Germany. Means for absorbing recoil in cannon, guns, and the like.	829,939	Sept. 4	1	1	124	3
Behr, Burkard, Hamburg, Germany. Cushioned stock for firearms.	837,601	Dec. 4	648	149	125	1515
Behr, Hans C., assignor of one-third to G. H. Thurston, Johannesburg, Transvaal. Valve-motion.	831,136	Sept. 18	2504	528-9	124	684
Behr, Peter, Hanover, Germany. Surgical sewing instrument.	834,042	Oct. 23	4278	907	124	2385
Behrend, Bernard A., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company and Allis-Chalmers Company. Method and apparatus for testing alternators.	836,359	Nov. 20	2893	614	125	814
Behrend, Bernard A., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Dynamo-electric machine.	838,605	Dec. 18	2653	570	125	2098
Behrendt & Co. (See Behrendt, Eugene, assignor.)						
Behrendt, Eugene, Batangas, Philippine Islands, assignor to Behrendt & Co., New York, N. Y. Stripping and cleaning machine.	826,918	July 24	4540	944-5	123	1199
Behrendt, Eugene, Manila, Philippine Islands, assignor to Behrendt & Co., New York, N. Y. Stripping and cleaning machine.	834,102	Oct. 23	4414	937-8	124	2417
Behrens, Johann G., Bremen, Germany. Manufacturing alkaline bicarbonates.	835,771	Nov. 13	1749		125	484
Behrens, William H., Newark, N. J. Hat sizing, hardening, and starting machine.	823,153	June 12	1861	384-5	122	2181
Behringer, John, Baltimore, Md. Work-support for carpenters' benches.	834,703	Oct. 30	5630	1194	124	2772
Behringer, L. W. (See Cooper, Walter J., assignor.)						
Behrmann, Frederick H., and G. H. Rodefeld, Ray township, Franklin county, Ind. Non-refillable bottle.	836,005	Nov. 13	2167	464	125	583
Beidler, George C., Oklahoma, Okla. Ter. Machine for exposing and developing photographic films.	810,388	Jan. 23	3637	749-50	120	911
Beiermeister Bros. Co. (See Beiermeister, John M., assignor.)						
Beiermeister, John M., Troy, assignor, by mesne assignments, to Beiermeister Bros. Co., New York, N. Y. Fold-collar.	835,594	Nov. 13	1428	306	125	405
Bein, Emile J., assignor to Adamite Surface Machine Co., Newark, N. J. Sandpapering-machine.	833,726	Oct. 23	3460	738-9	124	2185
Beique, Merille W., Colorado Springs, Colo. Composition of matter.	834,252	Oct. 30	4754		124	2550
Beisel, Charles P., Wilkes-Barre, Pa. Amusement apparatus.	838,071	Dec. 11	1598	343	125	1795
Beiser, Charles W., assignor to American Soldier Company, Brooklyn, N. Y. Device for packing and supporting toys.	834,452	Oct. 30	5127	1089	124	2644
Beitner, Fred W., Traverse City, Mich. Log-turner.	811,028	Jan. 30	4926	1028	120	1231
Békéfi, Vendel L., Cleveland, Ohio. Spinning-top.	836,958	Nov. 27	4135	882	125	1153
Belair, Albert, assignor to J. T. Morin, Montreal, Canada. Burial-casket.	818,220	Apr. 17	3337	716	121	2201
Belanger, Eusebe, Waterbury, Conn. Sash-cord fastener.	831,925	Sept. 25	4105	855	124	1130
Belber, Aaron S., Philadelphia, Pa. Trunk-tray support.	816,423	Mar. 27	4979	1057	121	1238
Belcher, Boyd S., Hockman, Va. Lamp.	837,778	Dec. 4	995	223	125	1601
Belcher, George E., Stoughton, Mass. Last.	818,407	Apr. 24	3714	797	121	2335
Belcher, Gilbert L., San Francisco, Cal. Dispensing device.	809,419	Jan. 9	1656	340	120	396
Belcher, Gilbert L., Oakland, Cal. Fountain-brush.	811,272	Jan. 30	5411	1128	120	1335
Belcher, Henry A., Marion, Idaho. Axle-spindle.	832,229	Oct. 2	438	81	124	1319
Beldam, George W., Ealing, England. Engine or machine packing.	835,744	Nov. 13	1694	361	125	471
Belden, Joseph C., and A. Beutler, assignors to Belden Manufacturing Company, Chicago, Ill. Attachment for desk-telephones.	818,602	Apr. 24	4114	884	121	2419
Belden Manufacturing Company. (See Belden and Beutler, assignors.)						
Belding, Thomas C., assignor to Canton Art Metal Company, Canton, Ohio. Division-plate and tablet-holder.	833,768	Oct. 23	3543	755	124	2207
Beliel, Albert J., Mulhall, Okla. Ter. Wagon-spindle.	809,166	Jan. 2	1072	223	120	235
Beliveau, Cyril, Henderson, Minn. Gate.	819,332	May 1	609	129	122	140
Belknap, Edwin D. (See Braun, Jacob J., assignor.)						
Belknap, Gardner A., Conneautville, Pa. Railway-tie.	819,840	May 8	1612	342-3	122	424
Bell, Arthur, New York, N. Y. Measuring attachment for paper-box machines.	824,464	June 26	4443	943	122	2856
Bell, Benjamin F. (See Rand, Jackson A., assignor.)						
Bell, Burton S., Ree Heights, S. D. Burglar-alarm.	828,834	Aug. 14	2275	484	123	2267
Bell, Charles E., Kittanning, Pa. Machine for decorating dishes.	834,181	Oct. 23	4587	973	124	2463
Bell, Chester A., Forest Hills, Mass. Door-operating mechanism.	820,949	May 22	3927	836-7	122	1055
Bell, Colin C., <i>et al.</i> (See Hird, Charles, assignor.)						
Bell, Edwin H., Chicago, Ill. Railway-tie.	833,913	Oct. 23	3897	826-7	124	2296
Bell, Emma, assignor of one-half to J. Walter, Jacksonville, Fla. Heater attachment to stoves.	813,137	Feb. 20	3249	714	120	2284
Bell, Ernest E. (See Farron, Elie A., assignor.)						
Bell, Francis G., assignor of one-half to I. B. Birnbaum, London, England. Telephone system.	831,819	Sept. 25	3861	808-10	124	1069
Bell, Frank, Tunbridge Wells, England. Toilet-tidy.	824,703	July 3	16	2	123	8
Bell, George W., Liverpool, England. Antivibration device for automobiles.	833,912	Oct. 23	3895	826	124	2295
Bell, George W., Ipswich, England. Pressing of guncotton blocks.	835,296	Nov. 6	838	175	125	212
Bell, George W., Ipswich, England. Pressing of guncotton blocks.	835,298	Nov. 6	842	175-8	125	213
Bell, George W., Hayle, England. Pressing of long guncotton blocks.	835,297	Nov. 6	839	175	125	212

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bell, Harry, Stamford, Conn. Vehicle-wheel.....	832,950	Oct. 9	1876	389	124	1703
Bell, Harry, Stamford, Conn. Vehicle-wheel.....	833,115	Oct. 9	2191	460	124	1782
Bell, Hayden H., Chicago, Ill., assignor of one-half to R. O'Neill. Advertising device.....	831,496	Sept. 18	3184	673	124	856
Bell, James F., Minneapolis, Minn. Printing.....	819,841	May 8	1614	343	122	425
Bell, James T., Lansing, Mich. Fruit-picker.....	818,342	Apr. 17	3578	765	121	2250
Bell, Jerome B., Wilmington, Del. Mold for linotype-machines.....	824,704	July 3	16	2	123	8
Bell, Jerome B., Wilmington, Del. Linotype-machine.....	824,705	July 3	18	2	123	9
Bell, Jesse T., Washington, N. J. Horseshoe.....	808,626	Jan. 2	14	3	120	6
Bell, John A., Lathrop, Cal. Punching-machine.....	813,939	Feb. 27	4829	1066	120	2682
Bell, John G., Ivegill, near Southwaite, England. Tire for vehicles.....	839,094	Dec. 25	3593	777	125	2373
Bell, John H., Haddonfield, N. J. Flushing-valve.....	832,834	Oct. 9	1652	340	124	1648
Bell, Joseph B., assignor to W. L. Flower, St. Louis, Mo. Oil-filter.....	830,286	Sept. 4	788	161	124	198
Bell, Louis. (See Smith and Bell.)						
Bell, Milton W., New Orleans, La. Railway-joint.....	822,817	June 5	1162	239	122	1983
Bell Pure Air and Cooling Company. (See Smith and Bell, assignors.)						
Bell, Robert, London, England. Treating surfaces to be protected from fouling.....	817,743	Apr. 17	2350		121	1985
Bell, Rollo R., Chickasha, Okla. Ter., assignor of one-half to W. P. Bell, Ceres, N. Y. Automatic fluid-pressure regulator.....	826,530	July 24	3774	782	123	1004
Bell, Samuel R., Tuscaloosa, Ala. Suspensory device for electric lamps.....	832,951	Oct. 9	1879	390	124	1703
Bell, Stuart E., Represa, Cal. Closure for bottles and the like receptacles.....	833,116	Oct. 9	2192	460	124	1782
Bell, Thaddeus, Grafton, W. Va. Railway-brake.....	816,702	Apr. 3	308	72	121	1429
Bell, Walter J., assignor of one-half to L. F. Moss, Los Angeles, Cal. Electrofluid pressure mechanism for operating railway appliances.....	810,609	Jan. 23	4110	848	120	1018
Bell, Walter J., assignor of one-half to L. F. Moss, Los Angeles, Cal. Electric fluid-pressure switching and signal appliance.....	834,704	Oct. 30	5631	1194-5	124	2773
Bell, Wilhelm, Burgbrohl, Germany. Drying apparatus.....	814,666	Mar. 13	1345	281	121	353
Bell, William G., Newton, Mass. Bag or package.....	815,255	Mar. 13	2519	524	121	608
Bell, Wilson P. (See Bell, Rollo R., assignor.)						
Bellamy, Albert, assignor of one-half to T. P. Kelly, A. Snelgrove, P. McQuaig, W. A. Matheson, and R. S. World, Fort William, Canada. Rail-chair.....	820,545	May 15	3101	667	122	811
Bellamy, Alfred R., Edgeley, Stockport, England. Sparking igniter for internal-combustion engines.....	811,122	Jan. 30	5089	1064	120	1265
Bellamy, Charles R., assignor of one-half to S. B. Thompson and J. H. Bellamy, Shreveport, La. Gun-barrel.....	827,844	Aug. 7	304	63	123	1745
Bellamy, Elmer E. (See Van Tassel-Beck, Margaret, assignor.)						
Bellamy, Frederick A., London, England. Tube-clip.....	813,033	Feb. 20	3019	665	120	2232
Bellamy, James H., et al. (See Bellamy, Charles R., assignor.)						
Bellars, Charles H., Lyndhurst, N. J. Means for constructing concrete walls.....	821,277	May 22	4590	978	122	1200
Belledin, Victor E., Paris, France. Tire for vehicle-wheels.....	819,503	May 1	931	204	122	209
Bellefontaine Foundry & Machine Company. (See Turner, George E., assignor.)						
Bellens, Charles. (See Lentz, Hugo, assignor.)						
Bellhouse, Edward L. W. (See Fawcett and Bellhouse.)						
Bellian, Mathias, Cleveland, Ohio. Paper hobby-horse.....	830,762	Sept. 11	1779	367	124	478
Bellmer, Fred J., et al. (See Dibble, Frank Y., assignor.)						
Belloff, John C., and A. Roth, New Brunswick, N. J. Frame for drying-racks.....	815,061	Mar. 13	2121	447	121	518
Bellows, Benjamin F. (See Coffe, William O., assignor.)						
Bellows, Benjamin F., Sioux City, Iowa. Grindstone attachment.....	818,933	Apr. 24	4768	1025	121	2562
Belluzzo, Giuseppe, Milan, Italy. Elastic-fluid turbine.....	814,423	Mar. 6	873	179	121	190
Belmondo, Marius, Marseille, France. Self-releasing brake-handle for tram-cars, &c.....	819,402	May 1	746	158	122	169
Belock, Barney W. (See Bielak and Belock.)						
Belt, Perley P., Fredonia, and E. Utz, Newton, Kans. Grinding-mill.....	838,370	Dec. 11	2193	476	125	1941
Belyea, Frederick S., Brookline, Mass. Portable dental furnace.....	812,395	Feb. 13	1782	390	120	1929
Bemis, Asahel L., Pueblo, Colo. Mold for ornamental artificial stone.....	835,175	Nov. 6	601	123	125	152
Bemis, Sumner A., Springfield, Mass. Railway-car truck.....	815,784	Mar. 20	3645	767	121	900
Bemis, Thomas, Indianapolis, Ind. Pneumatic tube for store service.....	812,162	Feb. 6	1288	282	120	1751
Bemis, Thomas, Indianapolis, Ind. Adjustable fence for saws.....	816,424	Mar. 27	4980	1057	121	1238
Bemis, Thomas, Indianapolis, Ind. Adjustable fence for saws.....	836,006	Nov. 13	2167	464	125	583
Bemrose, William. (See Lerchen, William, assignor.)						
Benard, Paul, Epemay, France. Device for lighting by electricity reversed gas-burners.....	836,295	Nov. 20	2778	590	125	789
Benary, Robert H., et al. (See McCaffrey, Michael J., assignor.)						
Benbury, Walton W., Hertford, N. C. Swing.....	823,386	June 12	2327	487	122	2282
Bender Car Door Company. (See Bender, Jacob S., assignor.)						
Bender, Edward A., Philadelphia, Pa. Liquid-soap holder.....	809,896	Jan. 9	2555	529	120	595
Bender, Frederick W., Crystallake, N. J. Shipping-crate.....	823,840	June 19	3225	682	122	2539
Bender, Frederick W., Hoboken, N. J. Fountain-pen.....	825,442	July 10	1551	320	123	423
Bender, Jacob P. (See Lungair, David, assignor.)						
Bender, Jacob S., Kansas City, Mo., assignor to Bender Car Door Company. Combined grain-door and loading and unloading platform for box-cars.....	814,014	Mar. 6	18	4	121	6
Bender, John, et al. (See Leichter, Edward, assignor.)						
Bender, John, Marion, Kans. Rule.....	838,371	Dec. 11	2195	476	125	1941
Bender, Oscar, Treptow, near Berlin, Germany. Combustion.....	818,221	Apr. 17	3339	716	121	2201
Bender, Robert C., assignor of one-half to W. A. Meletio, St. Louis, Mo. Refrigerator.....	826,466	July 17	3576	745	123	935
Bender, Samuel, Shreveport, La. Fireplace.....	820,173	May 8	2347	511	122	585
Bendheim, Charles, et al. (See Dauber, Carl W., assignor.)						
Bendickson, Iver E., assignor of two-thirds to C. Legreid and F. Woelffer, Cambridge, Wis. Conveying device.....	814,933	Mar. 13	1847	387	121	461
Bending, Joseph P., Otway, Ohio. Burial-vault.....	809,897	Jan. 9	2556	529	120	595
Bendixon, Bernhard. (See Pike, Herbert, assignor.)						
Benecke, Adelbert O., Newark, N. J., assignor to American Instrument Company. Electrical resistance material.....	839,257	Dec. 25	3921	843	125	2455
Benecke, Adelbert O., assignor to American Instrument Company, Newark, N. J. Scale-plate.....	839,258	Dec. 25	3923	843	125	2455
Benecke, Adelbert O., assignor to American Instrument Company, Newark, N. J. Rheostat.....	839,259	Dec. 25	3924	844	125	2456
Benedic, Augustin M., New Orleans, La. Recording apparatus.....	818,994	Apr. 24	4880	1048	121	2587
Benedic, Augustin M., New Orleans, La. Game apparatus.....	818,995	Apr. 24	4884	1049	121	2587
Benedict, Charles F. (See Cleff and Benedict.)						
Benedict, Edward S., New York, N. Y. Amusement device.....	811,998	Feb. 6	954	208	120	1683
Benedict, Frank H., Detroit, Mich. Tie for wire fencing.....	816,210	Mar. 27	4519	959	121	1141
Benedict, Frederic E., assignor to Fairbanks Morse & Company, Chicago, Ill. Brake for windmills.....	831,529	Sept. 25	3272	689	124	913
Benedict, Isidor C. (See Thompson and Benedict.)						
Benedict, Reuben. (See Thompson and Benedict.)						
Benedict, Roy P., Syracuse, N. Y. Music-leaf turner.....	819,504	May 1	932	204	122	209
Beneke, John. (See Jahnke, Rudolph G., assignor.)						
Beneke, Richard, Bromberg, Germany. Drum-mill.....	813,076	Feb. 20	3110	681	120	2254

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr & G.	Vol.	Page.
Beneke, Richard, Bromberg, Germany. Drum-mill.....	820,087	May 8	2183	475-6	122	549
Beneke, Richard, Bromberg, Germany. Ball-mill.....	833,664	Oct. 16	3335	709	124	2111
Benenato, Antonio, San Francisco, Cal. Portable loading-chute.....	837,602	Dec. 4	650	149	125	1515
Benet, Peter A., Boston, Mass. Safety-razor.....	811,999	Feb. 6	956	209	120	1684
Benford, Nathaniel T., Greensburg, Pa. Match-scratcher.....	834,557	Oct. 30	5319	1129	124	2693
Benford, Rezin B., assignor of two-thirds to J. T. Matthews and C. W. Wallace, Pittsburg, Pa. Cross-line buckle.....	830,489	Sept. 11	1200	250	124	326
Bengough, James, J. A. Tansley, and W. J. Reidell, assignors to Carter-Crume Company, Limited, Niagara Falls, N. Y. Manifold apparatus.....	816,063	Mar. 27	4224	895	121	1077
Benicke, Georg, assignor of one-half to Erste Offenbacher Special-Fabrik für Schmirgelwarenfabrikation Mayer & Schmidt, Offenbach-on-the-Main, Germany. Twist-drill-grinding apparatus.....	821,849	May 29	5747	1223-4	122	1511
Benjamin, Augustus J., deceased; M. A. Benjamin, Fredonia, N. Y., administratrix. Linotype-machine.....	820,546	May 15	3102	668	122	812
Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)						
Benjamin Electric Manufacturing Company. (See Weeks, Nelson, assignor.)						
Benjamin, Frederick W., Jefferson, Ohio. Potato-digger.....	814,346	Mar. 6	708	142	121	156
Benjamin, George H. (See Buckley, John, assignor.)						
Benjamin, George H., trustee. (See Coe, James R., assignor.)						
Benjamin, George H., trustee. (See Rule, William M., assignor.)						
Benjamin, George H., New York, N. Y. Metallurgical furnace.....	817,099	Apr. 3	1077	223-4	121	1597
Benjamin, George H., New York, N. Y. Metallurgical furnace.....	827,498	July 31	5819	1206-7	123	1528
Benjamin, George H., New York, N. Y. Metallurgical process for the extraction of metals from their ores and the conversion of iron into steel.....	834,656	Oct. 30	5532	1175	124	2747
Benjamin, George H., New York, N. Y., assignor to Coe Brass Manufacturing Company. Cylinder for treating heated metal.....	811,196	Jan. 30	5266	1102	120	1303
Benjamin, George H., New York, N. Y., assignor to Coe Brass Manufacturing Company. Cylinder for treating heated metal.....	834,356	Oct. 30	4944	1047	124	2598
Benjamin, Mary A., administratrix. (See Benjamin, Augustus J.)						
Benjamin, Morris, Atlanta, Ga. Bearing for grinding-mills.....	817,898	Apr. 17	2703	587	121	2062
Benjamin, Morris, Atlanta, Ga. Screen.....	821,777	May 29	5610	1195	122	1482
Benjamin, Newton, Elmira, N. Y. Railway-tie.....	830,287	Sept. 4	789	161	124	198
Benjamin, Reuben B., Chicago, Ill. Electric-lamp socket.....	825,444	July 10	1553	320	123	424
Benjamin, Reuben B., Chicago, Ill. Electric-lamp fixture.....	825,445	July 10	1555	321	123	424
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric-lamp holder.....	825,443	July 10	1552	320	123	424
Benjamin, Walter R., Granite City, Ill. Air-gun.....	822,645	June 5	835	170	122	1912
Benner, Henry L., Philadelphia, Pa. Window-sash fastener.....	820,617	May 15	3220	692	122	837
Benner, Homer C., Lancaster, Pa. Storm-apron for vehicles.....	824,774	July 3	178	31	123	52
Benner, Homer C., assignor to Benner Manufacturing Company, Lancaster, Pa. Baby-jumper.....	838,072	Dec. 11	1600	343-4	125	1796
Benner, Lorenzo D., Peoria, Ill. Corn-planter.....	828,267	Aug. 7	1122	237	123	1944
Benner, Lorenzo D., Peoria, Ill. Seed-planter.....	832,031	Oct. 2	8	2-3	124	1214
Benner, Lorenzo D., Peoria, Ill. Seed-planting machine.....	832,449	Oct. 2	866	167	124	1421
Benner Manufacturing Company. (See Benner, Homer C., assignor.)						
Bennett, Albert J. (See Gilman and Bennett.)						
Bennett, Alexander, Buffalo, N. Y. Non-refillable bottle.....	812,804	Feb. 20	2563	564	120	2133
Bennett, Arthur E., assignor to Bennett Manufacturing Company, Buffalo, N. Y. Ice-cream mold and dipper.....	809,663	Jan. 9	2138	443	120	500
Bennett, Charles A., Dover, N. J. Type-wheel alinement.....	810,024	Jan. 16	2839	587	120	707
Bennett, Charles E., assignor of one-half to Rosenbaum & Stockbridge, New York, N. Y. Motor-control system.....	829,135	Aug. 21	2919	613	123	2463
Bennett, Charles W., Elwood, Ind., assignor to American Sheet & Tin Plate Company, New York, N. Y. Resquaring-shears.....	819,201	May 1	330	70-1	122	81
Bennett, Clarence G., assignor of one-half to G. A. Rich, Melville, N. D. Shifting eccentric for engine-valves.....	818,934	Apr. 24	4769	1025	121	2562
Bennett, Dwight W., Philadelphia, assignor of one-third to B. Vansant, Feasterville, Pa. Expansion-bolt.....	839,705	Dec. 25	4824	1031	125	2675
Bennett, Edward, assignor to G. Westinghouse, Pittsburg, Pa. Pyrometer.....	822,338	June 5	225	46	122	1775
Bennett, Edward O., assignor of one-half to Illinois Pacific Glass Company, San Francisco, Cal. Apparatus for removing superfluous bronze.....	839,704	Dec. 25	4822	1031	125	2675
Bennett, Edwin W., Springfield, Mass. Stopper expanding and extracting device.....	820,469	May 15	2928	635	122	773
Bennett, Ernest C., New York, N. Y. Removable dental bridgework.....	832,528	Oct. 2	1015	204	124	1456
Bennett, Frank W., Waterbury, Conn. Calculator.....	819,715	May 8	1343	291-2	122	362
Bennett, Frederic D. (See Sanford, William W., assignor.)						
Bennett, Frederick, and S. A. Walker, New York, N. Y. Car-seat.....	809,084	Jan. 2	923	193-4	120	204
Bennett, Garfield G. (See Kyle and Hicks, assignors.)						
Bennett, Grant E., Cleveland, Ohio. Harness.....	812,913	Feb. 20	2781	612	120	2181
Bennett, James, Minneapolis, Minn. Ratchet-wrench.....	831,408	Sept. 18	3018	641	124	813
Bennett, Jennie. (See Linwood and Bennett.)						
Bennett, John, Attleboro, Mass., assignor to Electric Chain Company. Bracelet.....	836,080	Nov. 20	2310	490	125	674
Bennett, John G. (See Clark and Bennett.)						
Bennett, Joseph J., Lisbon, Ohio. Credit-accounting appliance.....	815,785	Mar. 20	3651	768	121	901
Bennett Manufacturing Company. (See Bennett, Arthur E., assignor.)						
Bennett-Marvell Manufacturing Company. (See Marvell, Roy W., assignor.)						
Bennett, Rose F., Boston, Mass. Sanitary-belt buckle.....	837,276	Dec. 4	14	6	125	1358
Bennett, Roy P. (See Beane and Bennett.)						
Bennett, Russell B., Westerville, Ohio. Composition post or analogous structure.....	829,940	Sept. 4	1	1	124	3
Bennett, Thomas, Toronto, Ontario, Canada. Temporary grate.....	837,377	Dec. 4	201	49	125	1406
Bennett, Thomas G., assignor to Winchester Repeating Arms Co., New Haven, Conn. Spreader for shot-cartridges.....	814,511	Mar. 6	1024	211	121	223
Bennett, Thomas G., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm.....	836,554	Nov. 20	3283	700	125	909
Bennett, Walter G., and J. F. Seyfang, Toledo, Ohio. Machine for molding concrete blocks.....	810,025	Jan. 16	2840	587	120	707
Bennett, William A., London, England. Necktie-fastener.....	829,053	Aug. 21	2732	573	123	2414
Bennett, William H., Newark, N. J. Closure for cream and milk jars or bottles.....	815,062	Mar. 13	2123	447	121	518
Bennett, William H., Rochester, N. Y. Brush.....	821,078	May 22	4216	896	122	1117
Bennett, William T. (See Klee, John G., assignor.)						
Bennett-Zamboni Manufacturing Company. (See Zamboni, Lawrence, assignor.)						
Benney, George A., Pittsburg, Pa. Treating metal pipe.....	832,288	Oct. 2	546		124	1345
Benning, John P. (See Hartzell, Edwin, assignor.)						
Benning, William F., et al. (See Craig, Edward, assignor.)						
Bennitt, Fred, et al. (See Vaughan, Bernard G., assignor.)						
Benoit, Eli, Blackstone, Mass. Filling-replenishing mechanism for looms.....	835,093	Nov. 6	440	88	125	116
Benoit, Frederick, assignor to J. M. Vernon, Chicago, Ill. Filter.....	827,780	Aug. 7	184	38	123	1715
Bens, Samuel J., assignor to R. L. Muir, San Francisco, Cal. Log-turner.....	818,142	Apr. 17	3184	685	121	2168

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Benson, Andrew, Chicago, Ill. Flexible connection.....	839,260	Dec. 25	3928	844	125	2457
Benson, Arthur E., Agricultural College, Miss., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.....	823,251	June 12	2089	434	122	2233
Benson, Arthur E., Agricultural College, Miss., assignor to Draper Company, Hopedale, Mass. Filling-tension means for loom-shuttles.....	825,886	July 17	2470	515	123	661
Benson, Arthur E., Agricultural College, Miss., assignor to Draper Company, Hopedale, Mass. Loom-shuttle.....	827,953	Aug. 7	519	106	123	1801
Benson, Arthur E., Agricultural College, Miss., assignor to Draper Company, Hopedale, Mass. Let-off mechanism for looms.....	829,689	Aug. 28	4103	869	123	2800
Benson, Frank G., Vancouver, British Columbia, Canada. Pencil-point protector.....	837,911	Dec. 11	1254	275	125	1708
Benson, Franklin A., <i>et al.</i> (See Allen, Clinton M., assignor.)						
Benson, Julia A., Greenfield, Mass. Mop-holder.....	831,642	Sept. 25	3513	736	124	978
Benson, Lewis W., Wichita, Kans. Tire-tightener.....	812,254	Feb. 13	1497	328	120	1866
Benson, Omar, New Bedford, assignor to Draper Company, Hopedale, Mass. Thread-parting mechanism for looms.....	815,786	Mar. 20	3653	768	121	902
Benson, Tully W., Wewoka, Ind. Ter. Automatic circuit-closer.....	837,178	Nov. 27	4573	970	125	1260
Benson, William H., San Francisco, Cal. Mold.....	811,474	Jan. 30	5769	1207	120	1410
Benson, William P., Sterling, Ill. Door-hanger.....	818,603	Apr. 24	4116	884	121	2420
Bent, Quincy, Lebanon, Pa. Concentrator.....	815,673	Mar. 29	3392	709	121	848
Bent, Quincy, Lebanon, Pa. Gas-purifier.....	815,674	Mar. 20	3394	709	121	848
Bentley, Charles H. and E. H., Halifax, England. Pipe-joint for earthenware, &c.....	827,409	July 31	5556	1156	123	1466
Bentley, Clifton P. (See Clayton and Bentley.)						
Bentley, Eddie, Lincoln, Ill. Steering-gear.....	838,940	Dec. 18	3265	706	125	2245
Bentley, Ernest H. (See Bentley, Charles H. and E. H.)						
Bentley, Frank, Niles, Ohio. Brick-pallet.....	817,689	Apr. 10	2235	479	121	1903
Bentley, Frank, Niles, Ohio. Brick-pallet.....	833,665	Oct. 16	3335	709	124	2111
Bentley, George, <i>et al.</i> (See Whitley, Alfred A., assignor.)						
Bentley, Oliver D. H., Washington, D. C., assignor to General Electric Company. Centrifugal governor.....	825,180	July 3	976	206	123	255
Bentley, William. (See Thompson and Bentley.)						
Bentley, William, and W. J. D. Thompson, Toronto, Ontario, Canada. Sliding window and window-frame.....	834,453	Oct. 30	5129	1089	124	2644
Benton, Charles A., Eaton Rapids, Mich. Ax-poll.....	825,887	July 17	2471	515	123	661
Benton, Linn B., assignor to American Type Founders Company, New York, N. Y. Matrix and punch cutting machine.....	809,548	Jan. 9	1893	393-4	120	450
Benton, Linn B., New York, N. Y., assignor to American Type Founders Company, Jersey City, N. J. Matrix-trimming and similar machine.....	819,842	May 8	1614	343-4	122	425
Bentote, George, Acton, England. Lamp for burning oil, &c.....	813,940	Feb. 27	4831	1066	120	2682
Bentson, Hans J., assignor to F. C. Austin, Chicago, Ill. Trenching-machine.....	824,839	July 3	327	60-1	123	91
Bentson, Hans J., assignor to F. C. Austin, Chicago, Ill. Trenching-machine.....	825,373	July 10	1367	288-9	123	374
Benz, Frederick, Sr., Haledon, assignor to Frank & Dugan, Paterson, N. J. Take-up mechanism for looms.....	822,818	June 5	1163	239	122	1983
Benz, Max, Jr., <i>et al.</i> (See Waller, Robert H., assignor.)						
Benzinger Bros. (See Nehr, Herman F., assignor.)						
Beranek, James F., <i>et al.</i> (See Conley, Charles M., assignor.)						
Berard, Norbert, Jr., Winchendon, Mass. Square and bevel.....	828,803	Aug. 14	2217	471	123	2252
Béraud, François, Lyon, and H. Janton, Villeurbanne, France. Automatic regulator for use in winding fabrics, threads, or yarns.....	839,261	Dec. 25	3930	844	125	2457
Berbecker & Rowland Manufacturing Company. (See Upson, Charles H., assignor.)						
Berberich, Charles A., Brooklyn, N. Y. Game device.....	830,288	Sept. 4	790	162	124	198
Bercha, Joseph, Atkinson, Neb. Turfing implement.....	836,623	Nov. 20	3403	726	125	935
Berea Novelty Company. (See Simpson, Robert D., assignor.)						
Berendes, Rudolph, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Alkyloxyacetyl compound of pyrocatechinmonooethyl ether.....	822,339	June 5	227		122	1775
Berendes, Rudolph, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Cresote compound.....	824,901	July 3	456		123	121
Berendes, Rudolph, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Menthol compound.....	836,914	Nov. 27	3048		125	1133
Berens, Stanislaus. (See Gatzert and Berens.)						
Berens, Stanislaus, La Grange, and A. N. Gatzert, Chicago, Ill. Automatic flash-light apparatus.....	813,077	Feb. 20	3111	682	120	2255
Berg, Charles. (See Ledwinka, Joseph, assignor.)						
Berg, Elling O., Madison, Minn. Automatic grain-weighing device.....	834,446	Oct. 30	5117	1086	124	2641
Berg, Ernst J., Schenectady, N. Y., assignor to General Electric Company. System of electrical distribution.....	832,357	Oct. 2	677	130	124	1375
Berg, Ernst J., Schenectady, N. Y., assignor to General Electric Company. Thermal cut-out.....	835,388	Nov. 6	1034	221	125	261
Berg, Henry, Orange, N. J. Gas soldering-iron.....	836,663	Nov. 27	3511	750	125	997
Berg, John, assignor to L. W. Golder, Chicago, Ill. Blowpipe apparatus.....	839,540	Dec. 25	4491	958	125	2593
Berg, Rudolf, assignor of one-half to F. Wenig, Pittsburg, Pa. Air compressing and cooling apparatus.....	836,624	Nov. 20	3405	726-7	125	935
Berg, Thorvald O., Little Falls, Minn. Tooth-bar.....	830,289	Sept. 4	793	162	124	199
Bergen, Harry S., Dayton, Ohio. Perforating-machine.....	811,816	Feb. 6	527	118	120	1598
Bergendal, Filip J., Herrång, Häfverörsund, Sweden. Furnace for calcining or burning briquets of ore.....	832,358	Oct. 2	678	130-1	124	1376
Bergener, Charles, assignor to C. T. Ham Manufacturing Company, Rochester, N. Y. Lamp and lantern.....	833,951	Oct. 23	3964	842	124	2314
Bergener, Charles, assignor to C. T. Ham Manufacturing Company, Rochester, N. Y. Tubular lantern.....	835,806	Nov. 13	1831	386	125	507
Bergenthal, Victor W., Chicago, Ill. Electric signal system.....	818,515	Apr. 24	3926	845-6	121	2379
Berger, Albert W., Canton, Ohio. Hook-and-eye fastening.....	820,904	May 15	3828	817	122	971
Berger, Alfred A. R. (See Schöppner and Berger.)						
Berger, Ernst, assignor to Firm of H. Levy, Rorschach, Switzerland. Shuttle for embroidering-machines.....	817,744	Apr. 17	2350	504	121	1985
Berger, Ernst, assignor to Firm of H. Levy, Rorschach, Switzerland. Apparatus for filling the shuttles of embroidering-machines.....	839,449	Dec. 25	4296	919-20	125	2547
Berger, Eugène, Evelon, France. Condenser for carding-engines.....	830,290	Sept. 4	794	162	124	199
Berger, Francis M., Basin, Mont. Eccentric.....	817,617	Apr. 10	2115	448	121	1877
Berger, Ignatz, and A. Uhazy, Allegheny, Pa. Milk-can lock.....	830,821	Sept. 11	1880	392	124	505
Berger, Lewis A. (See Bowers and Berger.)						
Berger Manufacturing Company. (See Ecker, Charles W., assignor.)						
Berger Manufacturing Company. (See Irwin, William W., assignor.)						
Berger Manufacturing Company. (See McKenzie, Angus, assignor.)						
Berger Manufacturing Company. (See Walter, Anton W., assignor.)						
Berger, Max, assignor to Firm of C. Zeiss, Jena, Germany. Prism-telescope casing.....	818,014	Apr. 17	2929	632	121	2114

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Berger, Paul, Duisburg, Germany. Device for distributing steam in rotary engines	830,291	Sept. 4	795	162	124	199
Berger, Paul E., Chicago, Ill. Vending-machine	822,909	June 12	1353	281	122	2070
Berger, Stanislaus, Trier, Germany. Means for insulating electric conductors	838,764	Dec. 18	2945	634	125	2169
Berger, Ulysses L., Washington, D. C. Attachment for hair-combs	828,872	Aug. 21	2364	502	123	2319
Berger, William A., Boston, Mass. Lateral adjuster for surveying instruments	839,541	Dec. 25	4494	958	125	2594
Bergeron, Alfred J., Bordeaux, France. Tailless kite which can be taken to pieces	824,616	June 26	4741	1010	122	2921
Bergeron, William N., Avoca, La. Hoisting apparatus	829,833	Aug. 28	4399	928	123	2874
Bergert, August L. E., Johannesburg, Transvaal. Means for distributing mine residues	825,292	July 10	1196	253	123	330
Bergert, August L. E., Johannesburg, Transvaal. Means for distributing mine residues, &c	832,714	Oct. 9	1403	283-4	124	1591
Bergesen, John, New York, N. Y. Oscillating-piston engine	821,398	May 22	4862	1031	122	1260
Bergh, Bror F., assignor to L. H. Rogers, New York, N. Y. Rotary condenser or pump	830,636	Sept. 11	1513	313	124	407
Berghof, August A. (See Ohl and Berghof.)						
Berglund, Saave K., and J. H. Teigen, Lake Mills, Iowa. Can-capping machine	831,029	Sept. 18	2261	477	124	631
Berglund, John M., Cameron, Tex. Quilting-frame	825,799	July 10	2312	482	123	610
Berglund, Robert O. P. (See Ljungman, Berglund, and Hjorth.)						
Bergman, August. (See Casaday and Bergman.)						
Bergman, Frank A., Chicago, Ill. Screw-cap for cans	817,100	Apr. 3	1079	224	121	1597
Bergmann, John, Pittsburg, Pa. Utilizing worn-out railway or like spiral steel springs	809,664	Jan. 9	2139	443	120	500
Bergoff, Julius, assignor to Empire Jewelry Case Company, Buffalo, N. Y. Covered box	810,901	Jan. 30	4670	973-4	120	1173
Bergquist, John G. (See Dean and Bergquist.)						
Bergs, Engelbert, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Production of camphene	833,666	Oct. 16	3336	.....	124	2111
Bergstrom, Johan K., Kane, Pa. Rail-splice	837,179	Nov. 27	4576	971	125	1261
Bergström, Sven T. (See Cardell and Bergström.)						
Beringer, John M., Pomeroy, Wash. Manure-spreader	810,450	Jan. 23	3804	782	120	950
Berkes, Christopher P. (See Stull and Berkes.)						
Berkey, Albert J. (See Mick, Josiah O., assignor.)						
Berkey, Joseph S., Wellersville, Ohio. Corn-planting machine	821,451	May 22	4966	1056	122	1284
Berkowitz, Louis I., Boston, Mass. Meat-rack	820,618	May 15	3221	693	122	838
Berkshire Specialty Company. (See Cornell, Chauncey A., assignor.)						
Berkshire Specialty Company. (See Foster, George H., assignor.)						
Berkstresser, Robert H., York, Pa. Vehicle-axle	828,179	Aug. 7	970	210	123	1908
Berliner, Erich, Elberfeld, Germany. Means for filling and closing barrels	828,594	Aug. 14	1817	382	123	2150
Berlinghoff, Peter, New York, N. Y. Drum	834,865	Oct. 30	5961	1265-6	124	2854
Berman, Benjamin N., and A. Harris, Philadelphia, Pa. Bunching-machine for making cigars	813,766	Feb. 27	4469	987	120	2605
Bermingham, John C., Kansas City, Mo. Bed-lock for ink-table distribution-presses	812,914	Feb. 20	2782	612	120	2181
Bermingham, John C., Kansas City, Mo. Bed-lock for ink-table distribution-presses	820,758	May 15	3491	749	122	897
Bern, Edward A., Chicago, Ill. Cap for sheet-piling	834,866	Oct. 30	5962	1266	124	2855
Bernard, Anton W., Chicago, Ill. Garment-hanger	838,839	Dec. 18	3092	666	125	2207
Bernard, Charles, Hericourt, France. Winding mechanism for cotton-laps	811,614	Feb. 6	157	34-5	120	1519
Bernard, Horace D., Beaumont, Tex. Rotary for oil-wells	812,000	Feb. 6	958	209	120	1684
Bernard, John J., <i>et al.</i> (See McGhee, John W., assignor.)						
Berndt, Albert W., Saginaw, Mich. Machine for riveting horse-collars	827,701	Aug. 7	13	2-3	123	1674
Bernei, Louis B., <i>et al.</i> (See Durboraw, Charles L., assignor.)						
Berney, B. J. (See Ritchey, Charles G., assignor.)						
Bernhard, Joseph A., Sidney, Mont. Hay gatherer and loader	830,292	Sept. 4	796	163	124	200
Bernhard, Morris, <i>et al.</i> (See Fawcett, William N., assignor.)						
Bernhard, Richard. (See Lowry, Cuthbert B., assignor.)						
Bernhardt, Ernst F., Leisnig, Germany. Potash leaching apparatus	813,078	Feb. 20	3113	682-3	120	2255
Bernheim, Ernst. (See Hock and Bernheim.)						
Bernheim, Eugene C., Newark, N. J. Eyeglasses	824,617	June 26	4742	1010	122	2921
Bernheim, Eugene C., Newark, N. J. Eyeglasses	833,289	Oct. 16	2576	538	124	1929
Bernheim, Samuel, New York, N. Y. Gas-burner	812,975	Feb. 20	2911	642	120	2210
Bernheisel, William F., Wheeling, W. Va. Stamp-affixing machine	815,138	Mar. 13	2285	477	121	554
Berns, Andrew H. and H. A., Chebanse, Ill. Wind-stacker hood	828,919	Aug. 21	2463	523	123	2345
Berns, Herman A. (See Berns, Andrew H. and H. A.)						
Bernstein, William F., Philadelphia, Pa. End piece for metallic bedsteads	810,699	Jan. 23	4260	883	120	1052
Bernstrom, Emil. (See Edlund, Claus A., assignor.)						
Bernstrom, John, <i>et al.</i> (See Berrigan, John J., assignor.)						
Bernthsen, Heinrich A., Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Rhodamin dye and making same	821,452	May 22	4968	.....	122	1284
Bernths, Bern O., Port Richmond, N. Y. Lock	823,987	June 19	3509	750	122	2600
Bernths, Bern O., Port Richmond, N. Y. Lock	835,389	Nov. 6	1035	221	125	262
Bernson, Thomas, Pittsburg, Pa. Metallic tie	825,800	July 10	2313	482	123	610
Berold, Frederick H., Jr., Cincinnati, Ohio. Knockdown paper box	822,037	May 29	6108	1301	122	1593
Berquist, Axel S. F., <i>et al.</i> (See McCabe, Franklin J., assignor.)						
Berrey, Samuel H., Providence, R. I. Hinge for gates	816,527	Mar. 27	5181	1099	121	1283
Berrigan, John J., Orange, N. J. Centrifugal separator	827,903	Aug. 7	403	86-7	123	1770
Berrigan, John J., East Orange, N. J., assignor to F. J. Arend, New York, N. Y., and J. Bernstrom, Stockholm, Sweden. Centrifugal separator	834,043	Oct. 23	4279	907	124	2385
Berry, Arthur C., assignor of one-half to C. L. Berry, Hyannis, Mass. Pump	822,178	May 29	6378	1354-5	122	1654
Berry, Austin, Ottawa, Canada. Adjustable suspender for electrical devices	808,894	Jan. 2	545	121	120	120
Berry, Austin, Ottawa, Canada. Journal-lubricator	812,915	Feb. 20	2783	612	120	2182
Berry, Benjamin F., St. Louis, Mo., assignor to United Printing Machinery Company, Boston, Mass. Two-revolution cylinder printing-press	812,632	Feb. 13	2244	487	120	2021
Berry, Benjamin F., St. Louis, Mo., assignor to United Printing Machinery Company, Boston, Mass. Two-revolution cylinder printing-press	819,716	May 8	1349	292	122	363
Berry, Benjamin F., St. Louis, Mo., assignor to United Printing Machinery Company, Boston, Mass. Rotary printing-press	823,387	June 12	2328	488	122	2283
Berry, C. L., <i>et al.</i> (See Quist, John and C., assignors.)						
Berry, Charles E., Waltham, Mass. Holder for main-wheel arbors	834,705	Oct. 30	5634	1195	124	2773
Berry, Charles L. (See Berry, Arthur C., assignor.)						
Berry, Edward H. (See Dollar, Leo, assignor.)						
Berry, Elmer and H. S., Hebron, Ohio. Corn cutter and shocker	813,851	Feb. 27	4656	1030	120	2646
Berry, Elwin S., assignor to C. C. Putnam & Son, Putnamville, Vt. Woodworking-machine	835,347	Nov. 6	946	201-2	125	239
Berry, Homer S. (See Berry, Elmer and H. S.)						
Berry, James M., Detroit, Mich. Curtain-roller cap	824,230	June 26	3963	849	122	2755
Berry, John J., assignor to Indianapolis Watchman Clock Company, Indianapolis, Ind. Combined telephone and watchman's alarm system	816,000	Mar. 27	4077	864	121	1043
Berry, John V., assignor of one-half to C. A. Barron, Shamokin, Pa. Nut-lock	829,363	Aug. 21	3391	715	123	2579
Berry, Joseph J. (See Adams and Berry.)						
Berry, Leroy A., Hartford, Me. Smoothing and polishing machine	809,420	Jan. 9	1658	340	120	396
Berry, Milford F., Fay, N. Y. Hoisting-crane	821,399	May 22	4865	1031	122	1261

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Berry, Samuel S., Manchester, England. Automatic work-recording appliance.....	831,030	Sept. 18	2264	478	124	632
Berry, Shepherd W., Lawrence, Kans. Attachment for grain-binders.....	814,347	Mar. 6	709	143	121	156
Berry, Walter A., Chattanooga, Tenn. Steam-boiler.....	825,696	July 10	2117	441-2	123	563
Berry, William M., and W. G. Baumgardner, Highland Park, Tenn. Boll opening and cleaning mechanism for cotton-harvesters.....	827,604	July 31	6019	1252-3	123	1577
Berry, William S., and L. A. Sturgeon, Lindsay, Cal. Double-acting deep-well pump.....	816,064	Mar. 27	4227	896	121	1078
Berryman, John, Clifton, Bristol, England. Holder for match-boxes.....	809,665	Jan. 9	2140	444	120	501
Bertelli, Riccardo R. (See Baeck and Bertelli.)						
Bertelsen, Andrew P. (See Hammer, John A., assignor.)						
Berthier, Andre, Constantinople, Turkey. Arrangement for fixing bayonets.....	816,954	Apr. 3	823	168	121	1540
Berthoud, Ray J., Swanton, Ohio. Shade-roller.....	831,137	Sept. 18	2507	529	124	685
Bertolini, Vincent, assignor to F. A. Hardy & Co., Chicago, Ill. Lens-mounting.....	820,174	May 8	2348	511	122	585
Bertram, Robert. (See Andersen and Bertram.)						
Bertschy, Adolph J. P., assignor of one-fourth to C. H. Donnelly, Woodstock, Ill. Telephonic repeating system.....	812,718	Feb. 13	2396	526-7	120	2051
Berwanger, Michael, Philadelphia, Pa. Metallic window frame and sash.....	833,727	Oct. 23	3461	739	124	2186
Besemfelder, Eduard R., Charlottenburg, Germany. Transporting and heat-interchanging appliance.....	817,101	Apr. 3	1080	224-5	121	1598
Beskow, Bernhard, San Francisco, Cal. Automobile sleigh.....	831,820	Sept. 25	3868	810	124	1071
Beskow, Bernhard, San Francisco, Cal. Controlling device for speed-changing mechanisms.....	835,210	Nov. 6	671	138-9	125	171
Besly, Charles H. (See Miller, John, Jr., assignor.)						
Bess, Albert, Hamilton, Ohio. Automatic guide for endless aprons.....	824,059	June 19	3640	775	122	2627
Bess, John W., Brilliant, Ohio. Invalid's couch.....	836,175	Nov. 20	2527	531	125	725
Bessemer Gas Engine Company. (See Murray and Fithian, assignors.)						
Bessenger, Frank H. (See Moore, Alanson A., assignor.)						
Besser, Herman, Alpena, Mich. Molding-machine.....	810,700	Jan. 23	4261	884	120	1052
Besser, Herman, Alpena, Mich. Culvert construction.....	820,342	May 8	2665	581	122	657
Besser, Herman, Alpena, Mich. Sewer and culvert mold.....	820,759	May 15	3493	749	122	898
Besser, Herman, Alpena, Mich. Tile-molding device.....	822,038	May 29	6109	1302	122	1593
Besser, Herman, Alpena, Mich. Molding device.....	822,039	May 29	6111	1302	122	1594
Besser, Herman, Alpena, Mich. Mold for hollow articles.....	822,040	May 29	6113	1303	122	1594
Besser, Herman, New York, N. Y. Electrical interrupter.....	827,782	Aug. 7	188	38	123	1716
Besser, Herman, assignor of one-half to I. Cobe, New York, N. Y. Interrupter for electrical circuits.....	827,781	Aug. 7	185	38	123	1716
Bessey, Joseph B., London, England. Producing fuel from peat by means of the electric current.....	817,899	Apr. 17	2705	.....	121	2063
Bessmer, William A., et al. (See Bundy, Cyrus L., assignor.)						
Besson, William, Duluth, Minn. Tubular rock-boring drill.....	817,296	Apr. 10	1490	313	121	1745
Best Ammunition Company. (See Bailey, Charles A., assignor.)						
Best, Harrison D., Pittsburg, Pa. Dental work.....	838,296	Dec. 11	2057	444	125	1907
Best, Isaac, Essex, Mass. Machine for combing wool.....	811,817	Feb. 6	530	118	120	1598
Best, James L., Bremerton, Wash. Sash-balance.....	838,515	Dec. 18	2479	538	125	2056
Best, John, Jeannette, Pa. Paddle-wheel.....	812,305	Feb. 20	2565	564	120	2133
Best, John H., Galva, Ill. Pin-hook.....	823,317	June 12	2216	462	122	2260
Best, John H., Denver, Colo. Display-rack.....	825,801	July 10	2316	482-3	123	610
Best, John H., Denver, Colo. Display-rack.....	826,826	July 24	4347	905	123	1152
Best, Otto, Daggett, Cal. Manufacturing boric acid.....	837,378	Dec. 4	202	.....	125	1407
Best, William, Morley, England. Miner's safety and other inclosed portable lamp.....	829,757	Aug. 28	4229	896	123	2831
Besteiro, Martin. (See Wreford and Besteiro.)						
Beswick, David. (See Beswick, John T. and D.)						
Beswick, John T. and D., New York, N. Y. Power-table and power attachment for tables.....	828,083	Aug. 7	796	164	123	1868
Beth, Wilhelm F. L., Lübeck, Germany. Shaking device for tubular and like filters.....	832,450	Oct. 2	873	167-8	124	1422
Beth, Wilhelm F. L., Lübeck, Germany. Cleaning filter-cloths in dust-collectors and the like.....	833,117	Oct. 9	2193	461	124	1783
Bethel, John T. (See Watkins and Bethel, assignors.)						
Bethel, Walter C. (See Watkins and Bethel.)						
Bethlehem Steel Company. (See Hammar, Sigard A. S., assignor.)						
Bethlehem Steel Company. (See Hughes and Stout, assignors.)						
Bethlehem Steel Company. (See Johnston, Archibald, assignor.)						
Bethlehem Steel Company. (See Meigs and Gathmann, assignors.)						
Bethlehem Steel Company. (See Meigs and Hammar, assignors.)						
Bethlehem Steel Company. (See Meigs and Jakobsson, assignors.)						
Bethlehem Steel Company. (See Meigs and Stout, assignors.)						
Bethlehem Steel Company. (See Meigs, Jakobsson, and Sullivan, assignors.)						
Bethlehem Steel Company. (See Philp, Casimir von, assignor.)						
Bethlehem Steel Company. (See Stout, Robert P., assignor.)						
Bethlehem Steel Company. (See Stout and Hughes, assignors.)						
Betker, Edward T., and W. D. Snyder, assignors to Economy Gas Lamp Company, Kansas City, Mo. Pump.....	827,205	July 31	5163	1072	123	1370
Bettendorf Metal Wheel Company. (See Binfeldt, Emil, assignor.)						
Bettington, Claude A. (See Robeson and Bettington.)						
Bettis, William I., assignor of one-half to H. Hamilton, Houston, Tex. Centrifugal pump.....	832,230	Oct. 2	439	81-2	124	1319
Bettis, William I., assignor of one-half to H. Hamilton, Houston, Tex. Centrifugal pump.....	832,651	Oct. 9	1280	258	124	1561
Betts, Adele E., Kensington, Md. Bed-pan.....	828,178	Aug. 7	969	200	123	1908
Betts, Andrew. (See Lighty and Betts.)						
Betts, Anson G. (See Valentine and Betts.)						
Betts, Anson G., Troy, N. Y. Electric furnace.....	816,554	Apr. 3	5	1-2	121	1355
Betts, Anson G., Troy, N. Y. Smelting lead sulfid.....	816,772	Apr. 3	459	.....	121	1455
Betts, Anson G., Troy, N. Y. Smelting lead sulfid.....	816,773	Apr. 3	440	.....	121	1455
Betts, Anson G., Troy, N. Y. Smelting lead-sulfid ores.....	821,330	May 22	4702	.....	122	1223
Betts, Anson G., Troy, N. Y. Lead-refining apparatus.....	827,702	Aug. 7	15	3	123	1674
Betts, Anson G., Troy, N. Y. Electrical conductor.....	833,290	Oct. 16	2576	538	124	1929
Betts, Charles L., Brooklyn, assignor to R. E. Dietz Company, New York, N. Y. Lamp or lantern.....	817,297	Apr. 10	1492	313	121	1746
Betts, Edward E., Evanston, Ill. Car-report-sheet book.....	832,451	Oct. 2	874	168	124	1422
Betts Machine Company. (See Moreton, George W., assignor.)						
Betulander, Gotthilf A., Stockholm, Sweden. Automatic telephone-exchange for double-wire telephone systems.....	835,878	Nov. 13	1951	413-14	125	532
Betulander, Gotthilf A., Stockholm, Sweden. Automatic telephone-exchange for double-wire telephone systems.....	839,095	Dec. 25	3594	778	125	2373
Betz, Charles L. (See Koehler and Betz.)						
Betz, Charles L., assignor to H. C. Fry, Rochester, Pa. Batch drying, heating, and feeding apparatus for glass-furnaces.....	823,757	June 19	3062	649	122	2500
Betz, John, J. and H. Wampach, Jordan, Minn. Wire-twisting implement.....	828,015	Aug. 7	652	133	123	1832
Betz, Oscar H., and G. E. Holliday, Rock Rapids, Iowa. Hog-catching device.....	824,402	June 26	4295	915	122	2824

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Betzel, William F. (See McDermott and Betzel.)						
Beuckman, Frank, East St. Louis, Ill. Meat-tenderer and vegetable-chopper.	816,955	Apr. 3	824	169	121	1540
Beuckmann, Henry G., assignor to E. F. Jones, Binghamton, N. Y. Pitless scale.	825,293	July 10	1201	254	123	331
Beugler, Edwin F. (See Holmes and Beugler.)						
Beutler, Albert. (See Belden and Beutler.)						
Beuttell, Alfred W., London, England. Illuminating device.	831,821	Sept. 25	3870	810-11	124	1072
Bevan, Alexander, Providence, R. I. Block-signal apparatus.	838,495	Dec. 11	2427	527-8	125	1999
Bevan, Alexander, assignor to Record Electric Railway Signal Company, Providence, R. I. Circuit-closer for trolley-signals.	836,062	Nov. 13	2263	484	125	606
Bevan, Frank, assignor to W. E. Bevan, Ardmore, Pa. Corner-joint for car-frames and the like.	834,103	Oct. 23	4417	938	124	2418
Bevan, John. (See Laye, Phillips, and Bevan.)						
Bevan, Thomas T., Pittsburg, Pa. Rotary engine.	827,605	July 31	6021	1253	123	1577
Bevan, William. (See Powell and Bevan.)						
Bevan, William E. (See Bevan, Frank, assignor.)						
Bevans, William H., Bridgeport, Conn. Mount for ordnance.	814,348	Mar. 6	710	143	121	156
Beville, Alfred S., Jacksonville, Fla. Stake and strap appliance for flat-cars.	835,930	Nov. 13	2046	437	125	554
Bevington, John, Cordova, Nebr. Carousel or merry-go-round.	828,636	Aug. 14	1893	398	123	2170
Bewan, James O., Savannah, Ga. Game-counter and card-cabinet.	835,844	Nov. 13	1892	401	125	520
Bewley, Claude E., assignor of one-half to J. C. Bewley, Los Angeles, Cal. Hose-coupling.	816,703	Apr. 3	309	72	121	1429
Bewley, John C. (See Bewley, Claude E., assignor.)						
Bewsic, William W., Elyria, Ohio. Presser-foot for sewing-machines.	839,706	Dec. 25	4826	1031	125	2675
Bewyer, Frank E., Newton, Iowa. Display-rack.	812,396	Feb. 13	1783	390	120	1929
Beyer, Edward A., Marquette, Mich. Regulator.	835,390	Nov. 6	1036	221-2	125	262
Beyer, Friedrich, Siegmars, Germany. Device for cutting and setting bricks, &c.	821,453	May 22	4970	1057	122	1284
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Seaming-machine.	813,034	Feb. 20	3020	665	120	2233
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Work-feeding punching-machine.	829,250	Aug. 21	3148	663-5	123	2518
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Sheet-feeding machine.	831,765	Sept. 25	3758	786-8	124	1045
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Drawing-press.	832,359	Oct. 2	681	131	124	1376
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Drawing-press.	837,659	Dec. 4	764	174-5	125	1543
Beyer, Peter C., Shohola, Pa. Ratchet-wrench.	837,537	Dec. 4	508	117	125	1482
Beyer, William F., assignor to M. Koster, Cleveland, Ohio. Fastener for glass joints.	814,637	Mar. 6	1265	266	121	274
Beyerle, Gottlob W., San Diego, Cal. Wire-fence lock.	809,549	Jan. 9	1902	394	120	451
Beyleand, Sidney A., assignor to Dean Electric Company, Elyria, Ohio. Lamp-jack for telephone-switchboards.	810,367	Jan. 16	3569	734	120	864
Beyleand, Sidney A., assignor to Dean Electric Company, Elyria, Ohio. Bell-box.	822,715	June 5	981	199	122	1944
Beyleand, Sidney A., assignor to Dean Electric Company, Elyria, Ohio. Transmitter-support.	823,579	June 19	2734	579	122	2429
Beyleand, Sidney A., assignor to Dean Electric Company, Elyria, Ohio. Supporting-arm for telephone-transmitters.	823,758	June 19	3064	649	122	2501
Beyleand, Sidney A., assignor to Dean Electric Company, Elyria, Ohio. Electric bell.	829,381	Aug. 28	3433	723	123	2635
Beynon, Harry. (See Linkenbach and Walton, assignors.)						
Beynon, Harry A., Chicago, Ill. Electrical switch.	828,373	Aug. 14	1376	291	123	2036
Bezanger, Gilbert, and J. A. Stewart, Halifax, Canada; said Stewart assignor to said Bezanger. Bed-bottom.	825,577	July 10	1824	390	123	490
Bezer, Henry, Westfield, N. J. Motor.	825,283	July 3	1175	249	123	306
Bezer, Henry, Westfield, N. J. Railway traffic-controlling apparatus and system.	827,411	July 31	5561	1157	123	1467
Bi-Lock Hook and Eye Company. (See Baird, Mortimer M., assignor.)						
Bibb, John T., Tacoma, Wash. Seal-lock.	831,209	Sept. 18	2637	554	124	715
Bible, Hunley. (See Robinson and Bible.)						
Bible, Hunley, and L. A. Robinson, Sherman, Tex. Wood-boring machine.	815,256	Mar. 13	2519	525	121	608
Bibus, Bertrand, and R. Scheubel, Vienna, Austria-Hungary. Producing salicylic-acid-menthol ether.	830,043	Sept. 4	263		124	64
Bice, Silas, Gloversville, N. Y. Cement chimney-top.	833,019	Oct. 9	2000	418	124	1734
Bichel, Christian E., Hamburg, Germany. Explosive.	839,450	Dec. 25	4303		125	2549
Bickel, Henry F., Plainfield, N. J., assignor to New York Air Brake Company. Air-brake apparatus.	823,023	June 12	1592	329-30	122	2125
Bickelhaupt, George, New York, N. Y. Skylight-opener.	832,231	Oct. 2	443	82	124	1320
Bickerdike, James A., Millersville, Ill. Hen's nest.	839,262	Dec. 25	3932	845	125	2457
Bickford, Hiram H., Elmira, N. Y. Apparatus for tempering or hardening steel.	820,619	May 15	3223	693	122	838
Bickford, John E., Whitman, Mass. Shank-stiffener.	834,506	Oct. 30	5235	1111	124	2672
Biddle, William E. (See Miller, John, Jr., assignor.)						
Biddle, William S. (See Pelfrey and Biddle.)						
Bidtel, Ernst, assignor to American Hydrolit Company, Hoboken, N. J. Magnesia cement.	827,286	July 31	5313		123	1405
Bidtel, Ernst, assignor to American Hydrolit Company, Hoboken, N. J. Laying patterned cement floors.	827,287	July 31	5314	1101	123	1405
Bidwell, Benson, Chicago, Ill. Apparatus for cooling electric motors and generators.	839,096	Dec. 25	3602	778	125	2375
Bidwell, Marshall H., Kansas City, Kans. Dehorning-gate.	821,454	May 22	4972	1057	122	1285
Bidwell, Richard O., South Vineland, N. J. Machine for washing sand.	810,251	Jan. 16	3322	689	120	807
Bieber, William, New York, N. Y. Means for making fireproof walls.	834,253	Oct. 30	4755	1006	124	2550
Biehn, Felix J. and O., Madison Lake, Minn. Spring-wheel.	836,294	Nov. 20	2777	589-90	125	789
Biehn, Frank A., Chicago, Ill. Carbureter.	839,707	Dec. 25	4827	1031-2	125	2676
Biehn, Otto. (See Biehn, Felix J. and O.)						
Bielak, Walter B., Gresham, and B. W. Belock, Cleveland, Ohio. Circuit-closer.	833,152	Oct. 16	2278	478	124	1851
Biele, August, New Haven, Mo. Insulator.	823,912	June 19	3360	716	122	2568
Bien, Julius H., assignor to C. A. Maydwell, San Francisco, Cal. Fly-paper.	813,196	Feb. 20	3345	736	120	2304
Bier, Emil, Mulheim-on-the-Ruhr, and A. Hoffmann, Cologne, Germany. Producing solid drawn tubes.	831,031	Sept. 18	2269	478-9	124	633
Bierbaum, Christopher H., Buffalo, N. Y. Casting-machine.	830,199	Sept. 4	606	122	124	155
Bierbrauer, William L., West Hoboken, N. J., assignor to Eugene Dietzgen Company, Chicago, Ill. Photographic-printing apparatus.	827,954	Aug. 7	521	107	123	1802
Bierd, Richard E., Carrollton, Mich. Punching-bag support.	818,604	Apr. 24	4118	585	121	2421
Bierley, Henry A., Portsmouth, Ohio. Washing-machine.	821,850	May 29	5749	1224	122	1512
Bierley, Henry A., Portsmouth, Ohio. Churn-dasher.	824,524	June 26	4550	966	122	2881
Bieri, John H., and J. H. Zwanger, Alliance, Nebr. Hose-coupling.	837,538	Dec. 4	509	118	125	1483
Bieseimer, Fred C., Sterling, Nebr. Wire fence.	834,867	Oct. 30	5963	1266	124	2855
Biffar, John. (See Reimers, Dycke H., assignor.)						
Bigelow, Claude, assignor to R. J. White, Chicago, Ill. Trip-lock for coin-operated vending-machines.	833,574	Oct. 16	3168	673	124	2071

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Bigelow, George E., assignor to Morgan Spring Company, Worcester, Mass. Means for supporting upholstery-springs.....	810,902	Jan. 30	4672	974	120	1173
Bigelow, George E., assignor to Morgan Spring Company, Worcester, Mass. Corner-fastening for spring-mattresses.....	839,097	Dec. 25	3603	778	125	2376
Bigelow, George H., San Francisco, Cal. Hair-pin.....	816,956	Apr. 3	826	169	121	1541
Bigot, Alexandre, Paris, France. (See Driver, Charles H., assignor.)						
Bigford, Albert F., Dunlap, Wash. Shoe-polisher.....	835,660	Nov. 13	1553	332	125	435
Biggar, Leroy A., Oneida, N. Y. Sheet-metal-bending machine.....	836,625	Nov. 20	3407	727-8	125	936
Biggerstaff, James. (See De Planque and Biggerstaff.)						
Biggs, George F., St. Louis, Mo. Sample-display case.....	810,026	Jan. 16	2844	587	120	708
Biggs, James, assignor of one-half to W. P. Boatman and H. J. Lambert, Fontanet, Ind. Railway-switch.....	835,845	Nov. 13	1894	401	125	520
Bigham, John, Pittsburg, Pa. Puzzle.....	809,898	Jan. 9	2557	529	120	595
Bigot, Alexandre, Paris, France. Manufacture of glazed or enameled ceramic ware.....	838,496	Dec. 11	2433		125	2001
Bihl, Ignatz, Newport, Ky. Fire-escape.....	816,896	Apr. 3	693	143	121	1512
Bijur, Joseph, assignor to General Storage Battery Company, New York, N. Y. End-cell switch.....	810,389	Jan. 23	3646	750	120	914
Bijur, Joseph, assignor to General Storage Battery Company, New York, N. Y. System of electric regulation.....	837,231	Nov. 27	4664	991-2	125	1284
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Electric regulator.....	839,708	Dec. 25	4832	1032-3	125	2677
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Electric regulator.....	839,709	Dec. 25	4837	1034-5	125	2678
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Booster-regulator.....	833,710	Dec. 25	4843	1035	125	2679
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Storage-battery plate.....	839,711	Dec. 25	4847	1036	125	2680
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Storage battery.....	839,712	Dec. 25	4849	1036	125	2681
Bijur, Joseph, assignor to General Storage Battery Company, New York, N. Y. Electric regulator.....	839,713	Dec. 25	4850	1036	125	2681
Bladreau, Calice, West Bridgewater, and A. P. Chapdelaine, Brockton, Mass., assignors to United-Xpedite Finishing Company, Berwick, Me., and Boston, Mass. Machine for polishing boots or shoes. (Reissue).....	12,460	Mar. 27	5239	1111	121	1297
Bilby, Alva E., Fairview township, Fayette county, assignor to A. M. Harris, South Bend, Ind. Belt-support.....	832,584	Oct. 9	1141	228	124	1529
Biles, John W., Louisville, Ky. Rotary steam-drier.....	829,758	Aug. 28	4231	896-7	123	2832
Biles, John W., assignor to himself, committee of C. H. Mantle, Louisville, Ky. Drier. (Reissue).....	12,491	June 5	1336	277	122	2017
Bilfinger, Carl W., Brooklyn, assignor of five-sixteenths to Columbia Engineering Works and A. P. Bachman, New York, N. Y. Apparatus for the manufacture of illuminating-gas.....	827,075	July 31	4868	1014-15	123	1293
Billau, George, Cleveland, Ohio. Controlling device for striking-pneumatics.....	829,582	Aug. 28	3435	723	123	2635
Billin, Charles E., Chicago, Ill. Truck-axle.....	832,360	Oct. 2	684	132	124	1377
Billings, Charles A. (See Hayes and Billings.)						
Billings, Clarence H., Jacksonville, Fla. Ratchet implement.....	838,000	Dec. 11	1429	310	125	1752
Billings, Erastus C., Greenfield, Mass. Nut-lock.....	825,802	July 10	2318	483	123	611
Billings, Frederick C., Rockford, Ill. Flange for piano-actions.....	810,761	Jan. 23	4264	884	120	1053
Billings, Frederick C., Rockford, Ill. Flange for piano-actions.....	822,716	June 5	983	200	122	1945
Billings, Frederick G., Milwaukee, Wis. Rail attachment for piano-actions.....	821,455	May 22	4975	1057	122	1285
Billingsley, James W. (See Haller and Billingsley.)						
Billington, Robert, <i>et al.</i> (See Richardson, Abraham, assignor.)						
Billington, Robert, <i>et al.</i> (See Richardson and Jones, assignors.)						
Billman, Charles H., Boston, Mass. Rope.....	808,895	Jan. 2	547	121	120	120
Billman, Charles H., Boston, Mass. Snap-hook.....	827,206	July 31	5166	1072	123	1371
Billman, Obed C. (See Foster, Samuel T., Jr., assignor.)						
Bills, Frank H., Springfield, Mass. Closure for bottles.....	837,779	Dec. 4	996	223	125	1601
Bills, Walter, South Melbourne, Victoria, Australia. Wire mattress.....	810,519	Jan. 23	3926	808	120	979
Billstein, Aaron, assignor to Friedenwald Company of Baltimore City, Baltimore, Md. Collapsible reel.....	811,898	Feb. 6	701	153	120	1633
Billstein, Aaron, assignor to Friedenwald Company of Baltimore City, Baltimore, Md. Collapsible reel.....	811,899	Feb. 6	701	153	120	1633
Billwiller, Johann, Goldach, Switzerland. Insulating material and manufacturing same. Bilodeau, J. Elie. (See Blais, Olivier, assignor.)	831,321	Sept. 18	2866		124	775
Bilz, William C., New York, N. Y. Fire-extinguishing device.....	812,001	Feb. 6	960	209	120	1684
Bim, Josef, Vienna, Austria-Hungary. Loom-shuttle.....	814,349	Mar. 6	711	143	121	156
Binder, Gottlob, assignor to Barnes and Erb Company, Philadelphia, Pa. Support for centrifugal extractors.....	811,363	Jan. 30	5580	1165	120	1371
Binder, Gottlieb, assignor to Kentucky Gear and Machine Company, Louisville, Ky. Detachable horseshoe-calk.....	834,183	Oct. 23	4590	973	124	2464
Bindhardt, Edward. (See Troeger, John F., assignor.)						
Bines, Robert. (See Wilson, David H., assignor.)						
Binford, Frank L., Los Angeles, Cal. Running-gear for vehicles.....	830,961	Sept. 11	2122	449	124	562
Bing, Joseph, New York, N. Y. Knockdown easel.....	831,766	Sept. 25	3763	788	124	1046
Bingell, Louis, Detroit, Mich. Tool for truing, grinding, and abrading wheels.....	830,293	Sept. 4	797	163	124	200
Bingenheimer, Albert F., Milwaukee, Wis. Fish-hook.....	823,460	June 12	2466	521	122	2312
Bingham, Alvah L., assignor to Ball Brothers Glass Manufacturing Company, Muncie, Ind. Glass-blowing machine.....	817,745	Apr. 17	2351	505-7	121	1986
Bingham, George S. (See Calder, James, assignor.)						
Bingler Charles F., New York, N. Y. Safety-razor.....	831,259	Sept. 18	2744	578	124	744
Binney, Harold, New York, N. Y., assignor to Nealon Company. Hose-supporter clasp.....	834,044	Oct. 23	4281	908	124	2385
Binney, Harold, New York, N. Y., assignor to Nealon Company. Hose-supporter clasp.....	836,081	Nov. 20	2311	490	125	674
Binnie, Robert, Sr., Bolivar, Pa. Rock-drill.....	818,015	Apr. 17	2929	633	121	2114
Binnig, Jacob, Boston, assignor of one-half to Mason & Hamlin Company, Cambridge, Mass. Pipe-valve for organs.....	825,294	July 10	1204	254	123	332
Binnig, Jacob, Boston, assignor of one-half to Mason & Hamlin Company, Cambridge, Mass. Pneumatic for musical instruments.....	829,941	Sept. 4	4	1-2	124	3
Binnings, Charles E., Stamford, Tex., assignor to E. P. Swenson, New York, N. Y. Mixing plant.....	814,667	Mar. 13	1348	281	121	353
Bippart, Ernst, Arnstadt, Thuringia, Germany. Subsoil-plow.....	836,007	Nov. 13	2168	465	125	583
Bippart, Ernst, Arnstadt, Thuringia, Germany. Double plow.....	837,539	Dec. 4	511	118	125	1483
Bippart, Griescom & Osborn. (See Theberath, John H., assignor.)						
Birch, John H. (See Birch, John H. and J. H.)						
Birch, John H. and J. H., Crawfordsville, Ind. Box-tray-forming machine.....	809,930	Jan. 16	2641	545-6	120	667
Birch, John H. and J. H., Crawfordsville, Ind. Tray-folding machine.....	830,294	Sept. 4	798	163	124	200
Birch, Joseph R., St. Louis, Mo. Electric release for target-traps.....	819,505	May 1	934	204	122	209

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Birchall, Alfred, Liverpool, England. Means for securing flexible tires to motor-car and like wheel-rims.....	839,098	Dec. 25	3604	779	125	2376
Birchard, George H., Lincoln, Nebr. Concrete foundation for scales.....	815,576	Mar. 20	3197	672	121	803
Bird, Edward A., Bunkie, La. Hydrocarbon-burner.....	828,804	Aug. 14	2218	471	123	2253
Bird, Jacob W., assignor of one-half to E. G. Keeble, Townsend, Tenn. Motor-vehicle.....	820,905	May 15	3829	817	122	971
Bird, James P., Worcester, Mass. Machine for securing flies to boxes.....	815,003	Mar. 13	1993	419-20	121	489
Bird, John G., Canton, Ill. Pick holder and carrier.....	828,805	Aug. 14	2219	472	123	2253
Bird, Peter B., New York, N. Y. Boiler compound.....	810,838	Jan. 23	4510	.....	120	1106
Bird, Reginald W., Boston, Mass., assignor to Flintkote Manufacturing Company, Ruthersford, N. J. Roofing material.....	820,470	May 15	2929	635	122	773
Bird & Son, F. W. (See Wyman, George R., assignor.)						
Bird, William T. (See Le Valley and Bird.)						
Birdsall, Wallace C., Oakland, Cal. Saw-handle.....	838,941	Dec. 18	3266	706	125	2245
Birdsey-Somers Co. (See Doolittle, James E., assignor.)						
Birkeland, Kristian, and S. Eyde, Christiania, Norway. Electric furnace.....	837,277	Dec. 4	15	6	125	1358
Birkenkamp, Henry J., Toledo, Ohio. Means for guarding openings into cisterns, catch-basins, &c.....	830,700	Sept. 11	1659	340	124	448
Birket, William E., Peoria, Ill. Vehicle.....	831,594	Sept. 25	3397	713-14	124	947
Birkin, Annie C., Nottingham, England. Wheel for road-vehicles.....	821,213	May 22	4467	951	122	1172
Birmingham, Charles H., Baltimore, Md. Alloy.....	824,618	June 26	4744	.....	122	2922
Birmingham Iron Foundry. (See Brennan, Desire A., assignor.)						
Birmingham, John P., assignor to R. Catlett, R. A. Marr, Lexington, W. G. Mathews, Clifton Forge, J. E. Edmunds, D. P. Halsey, and J. W. Gerow, Lynchburg, Va. Automatic emergency air-brake-operating device for railways.....	811,687	Feb. 6	295	66	120	1550
Birmingham Small Arms Company. (See Pougher, Charles F., assignor.)						
Birnbaum, Isidore B. (See Bell, Francis G., assignor.)						
Birney, James E., Leslie, Mich. Attachment for ice-cream freezers.....	814,109	Mar. 6	213	42	121	46
Birnie, Marvin C., Springfield, Mass. Garbage-can.....	836,555	Nov. 20	3285	700	125	910
Birnsfield, Jules A., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Wall set.....	828,835	Aug. 14	2276	485	123	2267
Birt, Charles S., Birmingham, England, assignor, by mesne assignments, to E. De Trey & Sons. Inhaler.....	813,344	Feb. 20	3641	798	120	2365
Birtman, Charles F., Chicago, Ill. Ozone-generator.....	811,364	Jan. 30	5581	1165-6	120	1372
Bischler, Augustus, assignor to Basle Chemical Works, Basel, Switzerland. Making in-doxyl, &c.....	839,099	Dec. 25	3607	.....	125	2377
Bischler, Augustus, assignor to Basle Chemical Works, Basel, Switzerland. Carbamic-acid ester and making same.....	839,100	Dec. 25	3608	.....	125	2377
Bischoff, Frederick F., Chicago, Ill., assignor to Universal Caster and Foundry Company. Caster.....	816,211	Mar. 27	4520	959	121	1141
Bishop, Abiathar, Pittsburg, Pa. Pile-driver.....	809,242	Jan. 2	1259	256	120	278
Bishop, Arthur S. (See Bishop, Frederick R., assignor.)						
Bishop, Charles C., assignor of one-third to W. L. Ryan, St. Louis, Mo. Talking-clock.....	830,200	Sept. 4	612	123	124	156
Bishop, Emeric L., Wausaukee, Wis. Saw-dressing machine.....	810,610	Jan. 23	4111	848-9	120	1019
Bishop, Frederick R., Southbridge, assignor of one-half to A. S. Bishop, North Attleboro, Mass. Die for curbing chains.....	817,618	Apr. 10	2117	448	121	1877
Bishop, Joanna B., <i>et al.</i> (See Smith, John A., assignor.)						
Bishop, Joseph W. (See Wightman, Bishop, and Andreck.)						
Bishop, Robert H., and W. Down, Highgate, assignors of two-thirds to L. E. Clark and S. F. Staples, London, England. Money-box.....	811,818	Feb. 6	533	119	120	1599
Bishop, Thomas L., <i>et al.</i> (See Harris, William A., assignor.)						
Bishop, William A. Newark, N. J., assignor of one-half to C. Tomkins, New York, N. Y. Outlet-gate and hopper.....	835,595	Nov. 13	1429	306-7	125	405
Bishop, William H. C., and G. L. Schoppert, Baltimore, Md., said Schoppert assignor to said Bishop. Portable fan.....	829,622	Aug. 28	3956	837	123	2765
Bishopric & Company. (See Bishopric, George F., assignor.)						
Bishopric, George F., assignor to Bishopric & Company, Toronto, Canada. Composite roofing.....	817,619	Apr. 10	2118	449	121	1878
Bisler, Gustav A., Philadelphia, Pa. Candy-holder.....	812,002	Feb. 6	961	210	120	1685
Bissell, Joseph E., Pittsburg, Pa. Transmitting mechanism.....	838,765	Dec. 18	2946	635	125	2169
Bissell, William W., Beaver, Pa. Device for shaping metal.....	838,164	Dec. 11	1794	385	125	1845
Bissini, Augusto, New York, N. Y. Sheet-music turner.....	834,874	Oct. 30	5977	1270	124	2859
Bitner, Harry, Berwyn, Ill. Mop-head.....	833,291	Oct. 16	2578	539	124	1929
Bitner, Harry, Estes Park, Colo. Hanging doll-house.....	836,296	Nov. 20	2779	590	125	789
Bitner, Harry, Berwyn, assignor to Arcade Manufacturing Company, Freeport, Ill. Mop-holder.....	809,243	Jan. 2	1264	257	120	279
Bittenbender, Arthur W. (See Rowe and Bittenbender.)						
Bitting, Jeremiah A., South Bethlehem, Pa. Music-leaf turner.....	816,704	Apr. 3	311	72	121	1429
Bittle, James F. (See Booth and Bittle.)						
Bittner, Edward F. (See Roche, William J., assignor.)						
Bittner, Hugo, assignor to La Société "L'Art Industriel," Paris, France. Rotary lithographic machine.....	837,029	Nov. 27	4277	910	125	1185
Bittori, Louis A. Rock Falls, Ill. Door-fastening.....	832,117	Oct. 2	189	38	124	1260
Bitzer, John. (See Schreiber, Carl, assignor.)						
Bivins, Abraham, Denver, Colo. Presser-foot for sewing-machines.....	822,340	June 5	228	46	122	1776
Bixby, Charles W., assignor to La Crosse Plow Company, La Crosse, Wis. Plow-rudder.....	830,637	Sept. 11	1516	313	124	407
Bixler, Emma E., Easton, Pa. Metal window-box for flowers.....	812,806	Feb. 20	2566	565	120	2133
Bixler, Ora L., Springfield, Ill. Curtain and shade support.....	820,547	May 15	3104	668	122	812
Bixler, Washington H., Easton, Pa. Bottle-indicator.....	819,972	May 8	1911	423	122	486
Bjorklund, Charles, Bowesmont, N. D. Gang-cultivator.....	821,979	May 29	5993	1278	122	1565
Bjurskröm, Fredrik, New York, N. Y. Inking apparatus for stamp-canceling and post-marking machines.....	812,255	Feb. 13	1499	328	120	1866
Bjurskröm, Fredrik, New York, N. Y. Feed mechanism for stamp-canceling and post-marking machines.....	812,780	Feb. 13	2511	552	120	2076
Bjurskröm, Fredrik, New York, N. Y. Stamp-canceling and postmarking machine.....	835,094	Nov. 6	441	89-90	125	116
Black, Alexander, Gourcock, Scotland. Window or sash operating device.....	839,056	Dec. 18	3475	750-1	125	2300
Black, Charles A., Jr., Hightstown, N. J. Ventilator-lifter.....	816,212	Mar. 27	4521	960	121	1141
Black, Charles F., Dayton, Ohio. Electric switch.....	825,632	July 10	1996	416	123	533
Black, Charles H., Pettysville, Ind. Reinforced concrete construction.....	813,540	Feb. 27	4045	886	120	2515
Black & Clawson Company. (See Harris, James W., assignor.)						
Black, Cornelius A., assignor of one-third to W. N. Harvey, Constantine, Mich. Rotary engine.....	825,374	July 10	1370	289-90	123	374
Black-Ford Utility Oil Company. (See Blackmore, Henry S., assignor.)						
Black, George F., Baltimore, Md. Apparatus for cooling liquids.....	812,256	Feb. 13	1500	328	120	1866
Black, Gilbert L., Minoa, N. Y. Gun-sight.....	810,702	Jan. 23	4265	884	120	1053
Black, Gilbert L., Minoa, N. Y. Gun-sight.....	810,703	Jan. 23	4266	885	120	1053
Black, Johnson A., and G. M. Brewer, Sylvia, Kans. Clothes-drier.....	822,341	June 5	229	47	122	1776

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Black, Matthew A., and F. F. Sanford, Caledonia, Pa. Cheese box and cutter.....	837,780	Dec. 4	998	223-4	125	1602
Black, Milton M. (See Hovey and Black.)						
Black, Russell. (See Owens and Black.)						
Black, Samuel D., Sherwood, Baltimore county, assignor to Manufacturers' Engineering Company, Baltimore, Md. Motor-controller.....	828,637	Aug. 14	1895	399	123	2171
Black, William. (See Mowbray, Black, and Warriner.)						
Black, William, Rices Landing, Pa. Cage for mine and elevator shafts.....	809,899	Jan. 9	2560	529-30	120	595
Black, William C., Plymouth, Ohio. Kneading-tray.....	810,101	Jan. 16	3006	626	120	746
Blackall, Robert H., Edgewood Park, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	817,953	Apr. 17	2813	609	121	2089
Blackburn, Arthur H., Matteawan, N. Y. Soot-scraper.....	828,996	Aug. 21	2611	550	123	2382
Blackburn, Arthur H., Matteawan, N. Y. Header for fuel-economizers.....	833,914	Oct. 23	3899	827	124	2296
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Machine for making air-hole glassware.....	810,460	Jan. 23	3806	782	120	951
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Machine for glazing air-hole glassware.....	810,461	Jan. 23	3808	782	120	951
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Apparatus for making air-hole glassware.....	810,462	Jan. 23	3810	783	120	952
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Making air-hole glassware.....	810,463	Jan. 23	3814	783	120	953
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Machine for making air-hole glassware.....	810,464	Jan. 23	3815	784	120	953
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Apparatus for making air-hole glassware.....	810,465	Jan. 23	3816	784	120	954
Blackburn, Frank H., Fostoria, assignor to National Electric Lamp Company, Cleveland, Ohio. Making incandescent lamps.....	810,466	Jan. 23	3818	784	120	954
Blackburn, Jasper, Chillicothe, Mo. Anchor for guy-wires.....	812,003	Feb. 6	963	210	120	1685
Blackler, Frank E., Brentwood, N. Y. Packet-holder.....	815,505	Mar. 20	3065	639	121	776
Blackford, Joseph H. M. (See Faherty and Blackford.)						
Blackington, Alva D. (See Sanderson, James G., assignor.)						
Blackith, Frederick, <i>et al.</i> (See Parsons, Reginald B., assignor.)						
Blackman, Harvey H., assignor to Cornell Incubator Mfg. Co., Ithaca, N. Y. Mirror attachment for brooders.....	825,697	July 10	2119	442	123	564
Blackman, Harvey H., assignor to Cornell Incubator Mfg. Co., Ithaca, N. Y. Brooder-hover.....	825,698	July 10	2120	442	123	564
Blackman, J. Newcomb. (See Forsell, Frans E., assignor.)						
Blackman, J. Newcomb. (See Place, Henry A., assignor.)						
Blackman, John J., New Britain, assignor to G. P. Bradstreet, Thomaston, Conn. Surface-finishing for floors, ceilings, &c.....	814,934	Mar. 13	1848	387	121	461
Blackmer, Robert M., Conway, Mich. Rotary engine.....	828,703	Aug. 14	2025	427	123	2203
Blackmore Engineering Company. (See Blackmore, Lawrence R., assignor.)						
Blackmore, Henry S., Mount Vernon, N. Y. Electrolytic apparatus.....	809,085	Jan. 2	925	194	120	205
Blackmore, Henry S., Mount Vernon, N. Y. Producing caustic alkali.....	809,088	Jan. 2	936	195	120	207
Blackmore, Henry S., Mount Vernon, N. Y. Making caustic alkali.....	809,089	Jan. 2	940	195	120	208
Blackmore, Henry S., Mount Vernon, N. Y. Making ketones.....	809,090	Jan. 9	2561	530	120	596
Blackmore, Henry S., Mount Vernon, N. Y. Making carbon acids and ketones.....	817,690	Apr. 10	2236	480	121	1903
Blackmore, Henry S., Mount Vernon, N. Y. Making hydrocarbon and combustible gas.....	819,506	May 1	935	122	120	209
Blackmore, Henry S., Mount Vernon, N. Y. Making sulfur trioxid.....	828,268	Aug. 7	1128	238	123	1945
Blackmore, Henry S., Mount Vernon, N. Y. Aromatic ketone and making same.....	830,044	Sept. 4	266	54	124	65
Blackmore, Henry S., Mount Vernon, N. Y., assignor to Black-Ford Utility Oil Company. Extracting sulfur from the sulfur-containing constituents of petroleum.....	809,086	Jan. 2	929	194	120	206
Blackmore, Henry S., Mount Vernon, N. Y., assignor to Black-Ford Utility Oil Company. Eliminating sulfur from the sulfur-containing constituents of petroleum.....	809,087	Jan. 2	932	194	120	206
Blackmore, John E. L. (See Plummer and Blackmore.)						
Blackmore, Lawrence R., assignor to Blackmore Engineering Company, Arlington, N. J. Rubber printing-stamp.....	828,704	Aug. 14	2026	428	123	2203
Blackmore, William, and A. Howard, assignors to T. R. Refractory Ore Syndicate Limited, London, England. Treatment of pyritic ores.....	839,451	Dec. 25	4305	125	2549	
Blackmun, William O. (See Barnes, Blackmun, and Miller.)						
Blackmun, William O., Hays, Kans. Rotary engine.....	833,292	Oct. 16	2579	539	124	1930
Blackstone, Clarence W., assignor of one-half to F. H. Knapp, Chicago, Ill. Power-hammer.....	816,291	Mar. 27	4669	991	121	1174
Blackstone, Daniel, Shelbyville, Ill. Elevator.....	813,941	Feb. 27	4833	1066-7	120	2683
Blackstone, Edward C., and R. E. Watts, Stamford, England. Swath-turner.....	831,032	Sept. 18	2270	479	124	633
Blackwell, Henry, <i>et al.</i> (See Byrne, James J., assignor.)						
Blackwell, Henry, <i>et al.</i> (See Hubbard, Frederick J., assignor.)						
Blackwell, Henry F., New York, N. Y. Gas-turbine-operating system.....	819,202	May 1	331	71-2	122	82
Blain, Charles F., and G. S. Jackson, Webb City, Mo. Thill-coupling.....	817,102	Apr. 3	1083	225	121	1599
Blain, Joseph, Binghamton, N. Y. Printing-machine.....	826,013	July 17	2716	562	123	727
Blaine, George E., Indianapolis, Ind. Harrow-tooth fastening.....	829,906	Aug. 28	4545	959	123	2909
Blair, Allen F., Craiton, and L. J. Robb, Pittsburg, Pa., assignors to Heyl & Patterson Incorporated. Rotary dump.....	837,379	Dec. 4	204	49-50	125	1407
Blair, Frank M., Toledo, Ohio. Automobile.....	813,541	Feb. 27	4046	886	120	2516
Blair, George W., Pittsburg, Pa. Making tiles.....	826,827	July 24	4349	905	123	1152
Blair, George W., and L. Wolf, Wabash, Ind. Faucet bottle-stopper.....	831,926	Sept. 25	4106	856	124	1131
Blair Light Company. (See Frost, Edward J., assignor.)						
Blair, Robert S., New York, N. Y. Eyeglasses.....	830,405	Sept. 4	1022	214	124	252
Blair, Thomas H., assignor to Whiting Manufacturing Company, Northboro, Mass. Cash-register.....	835,348	Nov. 6	948	202-3	125	239
Blair, Welsey W. (See Greenlaw, Warren A., assignor.)						
Blais, Olivier, assignor of one-fourth to J. E. Bilodeau, Bromptonville, Canada. Rail-joint. Blaisdell Filtration Company. (See Blaisdell, Hiram W., assignor.) (Reissue.)	826,828	July 24	4350	906	123	1153
Blaisdell, Hiram W. (See Whipple and Blaisdell.)						
Blaisdell, Hiram W., Los Angeles, Cal. System of excavating and filling vats.....	816,065	Mar. 27	4229	896	121	1079
Blaisdell, Hiram W., Los Angeles, Cal. System of handling material.....	826,646	July 24	4016	832-3	123	1067
Blaisdell, Hiram W., Los Angeles, Cal. Conveying system.....	830,045	Sept. 4	268	54	124	66
Blaisdell, Hiram W., Los Angeles, Cal. System of handling material.....	833,293	Oct. 16	2582	540	124	1930
Blaisdell, Hiram W., Los Angeles, Cal. Manual distributing-machine.....	839,542	Dec. 25	4497	959	125	2594
Blaisdell, Hiram W., assignor to Blaisdell Filtration Company, Los Angeles, Cal. Apparatus for cleaning filter-beds. (Reissue.)	12,488	May 22	5253	1119-20	122	1345
Blaisdell, Judson E. (See Rothwell and Blaisdell.)						
Blaisdell, Robert W., assignor to Garden City Strength Testing Machine Company, Beverly, Mass. Exercising-machine.....	816,957	Apr. 3	827	169	121	1541
Blaisdell, Sidney S. (See Allen, John L., assignor.)						
Blake, Charles C., Brookline, Mass. Electric signal.....	810,027	Jan. 16	2845	588	120	708
Blake, Charles C., Brookline, Mass. Cleat for electric wires.....	825,954	July 17	2600	540	123	695

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Blake, Edwin C., assignor to G. Ponarouse, San Francisco, Cal. Rotary locking collar-button.....	833,867	Oct. 23	3787	804	124	2267
Blake, Fredrick D., Chesterfield, S. C. Rotary engine.....	823,252	June 12	2090	435	122	2234
Blake, George A., New Bedford, Mass. Valve.....	836,082	Nov. 20	2312	490	125	675
Blake, Henry H. (See Denison and Blake.)						
Blake, Herbert S., Middletown, N. Y. Hat-press.....	829,759	Aug. 28	4235	897	123	2833
Blake, Hubert V., Accrington, England. Hydraulic ram.....	816,145	Mar. 27	4393	928-9	121	1115
Blake, Jacob, Bedford, Iowa. Burial-casket.....	813,942	Feb. 27	4835	1067	120	2683
Blake, James E., Cornell, assignor of one-half to N. M. Southwick, Streator, Ill. Attachment for vehicles.....	824,089	June 26	3691	786	122	2696
Blake, John A., Lafayette, Ind. Holder for staples, &c.....	815,787	Mar. 20	3655	769	121	902
Blake, John A., Wolcott, Ind. Fence-post.....	815,788	Mar. 20	3657	769	121	903
Blake, John A., and J. Kenrich, Wolcott, Ind. Concrete-block machine.....	809,901	Jan. 9	2563	530-1	120	596
Blake, John F., Port Monmouth, N. J., assignor of one-tenth to H. M. Schaap, New York, N. Y. Snow-melting machine.....	818,072	Apr. 17	3036	655-6	121	2135
Blake, Lucien L., Lawrence, Kans. Electrostatic apparatus.....	817,746	Apr. 17	2360	507	121	1987
Blake, Samuel H., Jersey City, N. J., and G. R. Davison, Pittsfield, Mass., assignors to General Incandescent Arc Light Company. Arc-lamp.....	822,240	June 5	19	4	122	1733
Blakely, Samuel, Grampian, Pa. Curtain-pole.....	819,507	May 1	936	205	122	209
Blakeslee, George S. (See Traub, Samuel B., assignor.)						
Blakeslee, George S., Chicago, Ill. Knife-polishing machine.....	833,153	Oct. 16	2279	479	124	1852
Blakeslee, Henry J., Hartford, Conn. Regulating-transformer.....	808,718	Jan. 2	194	42	120	45
Blakeslee, Frank A. (See Ruger, Forrest E., assignor.)						
Blalock, Alonzo L., Madison, Fla. Churn.....	835,846	Nov. 13	1896	401	125	521
Blameuser, Benjamin J., assignor to Chicago Compound Battery Co., Chicago, Ill. Galvanic battery.....	838,372	Dec. 11	2196	477	125	1942
Blanc, Auguste, St. Croix, Switzerland, assignor to La Société Savy Jeanjean et Cie., Paris, France. Machine for wrapping chocolate tablets or similar articles.....	815,675	Mar. 20	3396	710	121	849
Blanc, William, and L. Faiche, Geneva, Switzerland. Vehicle suspension.....	829,760	Aug. 28	4237	897	123	2833
Blanchard, Allen I., Chicago, Ill. Ticket.....	818,996	Apr. 24	4855	1049	121	2588
Blanchard, Frederick C., Fort Wayne, Ind. Golf-club.....	837,030	Nov. 27	4277	910	125	1186
Blanchard, Horace, Boston, Mass. Street-railway switch.....	826,084	July 17	2862	593	123	762
Blanchard, Leon E., assignor to Rollins Manufacturing Company, Boston, Mass. Speedometer.....	825,295	July 10	1207	254-5	123	333
Blanchard, Virgil W., New York, N. Y. Sad-iron heater.....	834,182	Oct. 23	4589	973	124	2464
Blanchard, Virgil W., New York, N. Y. Steam-boiler.....	834,221	Oct. 23	4660	988	124	2481
Blanchard, Virgil W., New York, N. Y. Cooking apparatus.....	834,222	Oct. 23	4662	988-9	124	2482
Blanchard, Virgil W., New York, N. Y. Gas burning, heating, and cooking stove.....	834,223	Oct. 23	4665	989	124	2482
Blanchard, Virgil W., New York, N. Y. Cooking apparatus.....	834,224	Oct. 23	4667	989	124	2483
Blanchard, Virgil W., New York, N. Y. Steam cooking apparatus.....	834,225	Oct. 23	4668	989	124	2483
Blanchard, Virgil W., New York, N. Y. Water-heater.....	834,226	Oct. 23	4670	990	124	2484
Blanchard, Virgil W., New York, N. Y. Cooking apparatus.....	834,227	Oct. 23	4671	990	124	2484
Blanchard, Virgil W., New York, N. Y. Gas heating apparatus.....	834,228	Oct. 23	4673	990	124	2484
Blanchard, Virgil W., New York, N. Y. Gas cooking stove and range.....	834,229	Oct. 23	4674	990	124	2485
Blanchard, Virgil W., New York, N. Y. Gas-range.....	834,230	Oct. 23	4676	991	124	2485
Blanchard, Virgil W., New York, N. Y. Cooking-oven.....	834,231	Oct. 23	4679	991	124	2486
Blanchat, Eugene, Glenmont, Ohio. Butter-stirrer.....	839,714	Dec. 25	4655	1037	125	2682
Blanding, Forrest H., assignor to Union Iron Works Company, San Francisco, Cal. Ore-feeder.....	831,595	Sept. 25	3402	714	124	948
Blankenbiller, Charles R., Reading, Pa. Smoke-consumer.....	830,560	Sept. 11	1353	281	124	363
Blankenheim, Charles. (See Hornecker and Blankenheim.)						
Blanpain, Valéry D., and A. Jaspert, Paris, France. Universal machine for working materials.....	837,660	Dec. 4	767	175-6	125	1544
Blanton, Ambrose D., et al. (See Brown, Lloyd C., assignor.)						
Blanton, Llewellyn H., et al. (See Brown, Lloyd C., assignor.)						
Blanzly, L. P. D. (See Bonom, Alfred, assignor.)						
Blaser, Peter J., Fostoria, Ohio. Buggy-boot and fastener.....	822,041	May 29	6115	1303	122	1595
Blasingame, Wesley F., Moultrie, Ga. Dental obtunder.....	810,611	Jan. 23	4113	849	120	1019
Blatt, Peter, Allegheny, Pa. Dumping-wagon.....	823,253	June 12	2092	435-6	122	2234
Blauhorn, Emanuel, Vienna, Austria-Hungary. Injector.....	817,620	Apr. 10	2119	449	121	1878
Blauvelt, William H., Syracuse, N. Y. Charging or feeding device.....	818,862	Apr. 24	4636	995-6	121	2534
Blaw Collapsible Steel Centering Company. (See Blaw, Jacob B., assignor.) (Reissue.)						
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Mold for sewers, &c. (Reissue).....	12,532	Sept. 18	3264	687	124	877
Blaxter, George H., New Brighton, assignor to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Swaging-mill.....	816,146	Mar. 27	4394	929	121	1115
Blaylock, Henry H., Houstonville, N. C. Folding bedstead.....	809,167	Jan. 2	1073	223	120	235
Blazej, Richard, New York, N. Y. V-block.....	810,319	Jan. 16	3470	717	120	840
Bleach & Caustic Process Company. (See Gabriel, George A., assignor.)						
Bleakley, Orrin D., et al. (See Hutchinson, Charles G., assignor.)						
Bleichschmidt, Charles E., Bellevue, Ky. Permutation-lock.....	816,842	Apr. 3	583	121	121	1488
Bleichschmidt, Charles E., Bellevue, Ky., assignor to Victor Safe & Lock Co., Cincinnati, Ohio. Grinding-machine.....	810,903	Jan. 30	4674	974	120	1174
Bleichenfabrik Limburg (Joseph Heppel) G. m. b. H. (See Lang, Albert, assignor.)						
Bleckley, Logan E., Clarksville, Ga. Bed-cover support.....	834,357	Oct. 30	4945	1047	124	2599
Bleichrode, Jacob B., assignor to J. Strauss, New York, N. Y. Garment-hanger.....	831,138	Sept. 18	2509	529	124	685
Blein, Tony, and E. Sallé, Lyon, France. Automatically-closing cock or valve.....	828,374	Aug. 14	1378	291	123	2037
Blenkner, Fred C. (See Bassell and Blenkner.)						
Bleo, John H., assignor to A. B. Levy, New York, N. Y. Valve for air-brake systems.....	814,350	Mar. 6	712	144	121	156
Bleo, John H., assignor to A. B. Levy, New York, N. Y. Valve for air-brake systems.....	820,760	May 15	3495	750	122	898
Blesch, Charles, Newport, Ky., assignor to Crane & Breed Manufacturing Company, Cincinnati, Ohio. Handle for burial-caskets, coffins, and the like.....	818,733	Apr. 24	4380	938	121	2479
Blesh, Robert S. (See Smith, Jed A., assignor.)						
Blessing, James H., Albany, N. Y. Steam-trap.....	826,221	July 17	3120	647	123	822
Blessing, John G., assignor to J. E. Cochran, Chicago, Ill. Weighing-scale.....	821,214	May 22	4469	951	122	1172
Blessing, John G., assignor to J. E. Cochran, Chicago, Ill. Weighing-scale.....	821,278	May 22	4592	978	122	1200
Blettner, John H., Pittsburg, Pa. Coating.....	814,424	Mar. 6	875	179	121	190
Blevins, Levi B., Deslacs, N. D. Conveyor-belt tightener for harvesters.....	832,361	Oct. 2	685	132	124	1377
Bleyer, Samuel T., assignor to Hawley Down Draft Furnace Company, Chicago, Ill. Furnace.....	839,263	Dec. 25	3934	845	125	2458
Blickley, Frank A., Philadelphia, Pa. Sash-balance.....	822,717	June 5	985	200	122	1945
Blim, Philip F., Chicago, Ill. Automatic elevator-gate.....	810,839	Jan. 23	4511	939	120	1106
Blin, Eugène, assignor to La Société des Etablissements Malicot et Blin, Aubervilliers, France. Ball-bearing.....	818,734	Apr. 24	4383	938	121	2479
Blinn, Charles P., assignor to A. M. McPhail Piano Company, Boston, Mass. Hammer-supporting flange for piano-actions.....	809,042	Jan. 2	825	177	120	182

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Blish, Henry H., Dubuque, Iowa. Device for selling goods	832,232	Oct. 2	445	82	124	1321
Bliss, Anthony H., North Attleboro, Mass. Bracelet	810,183	Jan. 16	3166	656	120	776
Bliss, Anthony H., North Attleboro, Mass. Bracelet	815,899	Mar. 20	3895	824	121	953
Bliss, Anthony H., North Attleboro, Mass. Bracelet	823,024	June 12	1596	330	122	2125
Bliss, Paul E., Leesburg, Fla. Telegraph-repeater	835,772	Nov. 13	1752	373-4	125	484
Blitsch, Michael, and T. F. McDonnell, Waterloo, Iowa. Folding scaffold-bracket	814,015	Mar. 6	20	4	121	6
Blixt, Terry, assignor to W. Foster, Pittsburg, Pa. Trolley-retriever	827,344	July 31	5425	1127-8	123	1434
Bloc, Alphonse and A., Luxemburg, Germany. Glove	825,510	July 10	1705	358	123	458
Bloc, Arthur. (See Bloc, Alphonse and A.)						
Blocher, Jonah M., Williams Bay, Wis. Spring-mattress support	827,345	July 31	5427	1128	123	1434
Block, Emile, New Orleans, La. Combined hand-torch and soldering-iron	816,425	Mar. 27	4981	1057	121	1238
Block, Gotthold, New York, N. Y., assignor to National Enameling and Stamping Company. Hinge for covers of vessels	837,781	Dec. 4	1000	224	125	1602
Blodgett, Stephen H., South Lincoln, Mass. Safety attachment for gas-burners	829,136	Aug. 21	2921	613	123	2464
Blodgett, William H., Los Angeles, Cal., and W. E. Miller, Boise, Idaho. Centerless engine	811,688	Feb. 6	297	66	120	1551
Blodell, Jacob, Kansas City, Kans. Saddle attachment for harness	824,231	June 26	3964	849	122	2756
Blomquist, Frank L., Sanders, Idaho. Clothes-tongs	809,244	Jan. 2	1265	257	120	279
Blomstrom, Charles H., assignor to C. H. Blomstrom Motor Company, Detroit, Mich. Cooling device for cylinders	815,257	Mar. 13	2521	525	121	608
Blonde, Joseph, Lenox Dale, Mass. Soap-bubble pipe	823,388	June 12	2330	488	122	2283
Blondel, André, Paris, France. Practicing wireless telegraphy	824,682	June 26	4856	1035-6	122	2946
Blondel, André, Paris, France. Press for manufacturing arc-lamp electrodes	830,201	Sept. 4	614	123-4	124	156
Blonfell, Peter, Tonawanda, N. Y. Machine for twisting metal bars	825,511	July 10	1706	358	123	459
Blondell, Peter, Tonawanda, assignor to Blondell Steel Company, Buffalo, N. Y. Whiffle-tree	824,060	June 19	3641	775	122	2627
Blondell Steel Company. (See Blondell, Peter, assignor.)						
Blood, Charles E. (See Truax, Thomas, assignor.)						
Blood, Edwin J., Chicago, Ill. Cannon	821,331	May 22	4703	1002	122	1223
Bloom, Aaron, Rochester, Pa. Bottle	832,452	Oct. 2	876	168	124	1422
Bloom, Jacob E., New York, N. Y. Vegetable and other food products and making the same	825,888	July 17	2472		123	661
Bloom, Jacob E., New York, N. Y. Cacao product and making same	837,782	Dec. 4	1001		125	1602
Bloom, Joseph L. (See Polatsik, William, assignor.)						
Bloom, Nicklas H., Nashua, Iowa. Riding attachment for agricultural implements	819,973	May 8	1912	423	122	486
Bloom, Nicklas H., Nashua, Iowa. Riding attachment for agricultural implements	821,980	May 29	5996	1278	122	1566
Bloomberg, Milton L., Greensboro, N. C. Clamp	814,898	Mar. 13	1788	374	121	448
Bloomberg, William, New York, N. Y. Garbage-pail	824,775	July 3	180	32	123	53
Bloomberg, William, New York, N. Y. Buckle	836,176	Nov. 20	2528	531	125	725
Bloomer, Charles T., Newark, N. Y. Paper vessel	822,910	June 12	1355	281-2	122	2071
Bloomer, Stephen H., Seattle, Wash. Grading and excavating machine	819,843	May 8	1618	344	122	426
Bloomingdale, Frank, Voorheesville, N. Y. Dumping-wagon	810,028	Jan. 16	2851	588	120	709
Blose, William H., New Paris, Ohio. Combined folding bed and cabinet	815,400	Mar. 20	2879	598-9	121	734
Bloss, William G., Pontiac, Ill. Motor	827,845	Aug. 7	305	63	123	1746
Blossom, Burton S., et al. (See Fritch, Joseph C., assignor.)						
Blossom, Francis, et al. (See Haller and Billingsley, assignors.)						
Blount, Lewis, Jr., et al. (See Blount, Lewis, assignor.)						
Blount, Lewis, Athens, assignor of two-thirds to C. B. Young and L. Blount, Jr., Augusta, Ga. Cotton-picker	815,676	Mar. 20	3402	711	121	850
Blount, William T., Jr., Thunderbolt, Ga. Saw-handle	832,529	Oct. 2	1017	204	124	1457
Blucker, Eric, Chicago, Ill. Turbine	829,942	Sept. 4	9	2	124	4
Blue, Charles E. (See Jones and Blue.)						
Blue, Charles E., Wheeling, W. Va. Machine for the manufacture of glassware	809,902	Jan. 9	2565	531	120	597
Blue, Charles E., Wheeling, W. Va. Machine for the manufacture of pressed and blown glassware	828,180	Aug. 7	972	201	123	1909
Blue, Charles E., Wheeling, W. Va. Glass gathering and delivering mechanism	832,118	Oct. 2	190	38-9	124	1290
Blue, Clarence F., Wilkes-Barre, Pa. Skirt-hanger	834,706	Oct. 30	5636	1195	124	2774
Blue, Henry L., St. Elmo, Colo. Automatic car-coupling	825,154	June 12	1863	385	122	2181
Bluen, Georg, Berlin, Germany. Copying-press	834,657	Oct. 30	5537	1175	124	2748
Bluen, Georg, Berlin, Germany. Reel for copying-presses	835,373	Dec. 11	2200	477	125	1942
Blum, George J., assignor to Armstrong-Blum Manufacturing Company, Chicago, Ill. Punching and shearing mechanism	833,294	Oct. 16	2584	540	124	1931
Blume, William H. F., St. Louis, Mo. Vehicle-body	820,343	May 8	2666	581	122	657
Blumel, Charles. (See Müller and Blumel.)						
Blumenberg Henry, Jr., Daggett, Cal., assignor to American Borax Company, Pittsburg, Pa. Making boric acid, &c.	809,550	Jan. 9	1903	394	120	451
Blumenfeld, Rudolf, Cleveland, Ohio. Igniter for gas-lamps	829,761	Aug. 28	4238	898	123	2834
Blumenthal, August. (See Lewin and Blumenthal.)						
Blumenthal, Sigmund, New York, N. Y. Needle-threader for sewing-machines	813,138	Feb. 20	3250	714	120	2285
Blumer, Henry. (See Kuchenbecker, Lewis, assignor.)						
Blumer, James, New York, N. Y. Corrugating-tool	837,783	Dec. 4	1004	224	125	1603
Blumer, Jean F., Engi, Switzerland. Automatic stop-motion mechanism for power-looms	830,561	Sept. 11	1354	281-2	124	363
Blumhard, Charles A., et al. (See Prideaux, Lewis, assignor.)						
Blunt, Albert G., et al. (See Butler, Amos K., assignor.)						
Blunt, J. Wallace, et al. (See Butler, Amos K., assignor.)						
Blunt, John F., Los Angeles, Cal. Means to sprinkle crude oil on dusty roads	821,152	May 22	4363	928	122	1150
Bly, Theron H. (See Crane and Bly.)						
Blye, Harry C. (See Hull, Joseph V., assignor.)						
Bynt, Florence T., Toledo, Ohio. Pie-pan	835,212	Nov. 6	676	139	125	172
Bynt, Herbert S., Steubenville, Ohio. Insulator	815,506	Mar. 20	3067	639	121	776
Boag, John, Kearney, N. J. Life-boat lowering and hoisting apparatus for use on ships	829,054	Aug. 21	2733	574	123	2414
Boals, John R., River Falls, Wis. Pump-rod coupling	813,613	Feb. 27	4192	919	120	2546
Boardman, Arthur F., Somerville, assignor to Electric Gas Lighting Company, Boston, Mass. Telephone for ships, mines, &c.	811,029	Jan. 30	4927	1028	120	1231
Boardman, Richard, Tiverton, R. I., and W. H. Sharples, Fall River, Mass. Electrical warp stop-motion	815,789	Mar. 20	3657	769	121	903
Boas, Alfred, and C. Rodrigues-Ely, Paris, France. Apparatus for reflecting and directing light	817,621	Apr. 10	2120	450	121	1878
Boas, Moritz, St. Hyacinthe, Canada. Knitting-machine	824,403	June 26	4296	916-17	122	2824
Boatman, William P., et al. (See Biggs, James, assignor.)						
Boatright, Jacob, Joplin, Mo. Hub and spindle	811,541	Feb. 6	14	4	120	1487
Boaz, Ernest O., and J. Kenahan, Fort Worth, Tex. Well-drilling machine	832,362	Oct. 2	687	132	124	1378
Bobbitt, James W., and E. Hayes, Joplin, Mo. Support for vehicle tongues or shafts	818,408	Apr. 24	3715	797	121	2335
Bock, Emil H., Hamburg, Germany. Apparatus for playing a game of skill	830,202	Sept. 4	618	125	124	157
Böck, Friedrich. (See Bamberger, Böck, and Wanz.)						
Bock, Henry L., assignor to Ross Rifle Company, Quebec, Quebec, Canada. Rifle-sight	837,180	Nov. 27	4577	971	125	1261

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bock, John A., Murfreesboro, Tenn. Window-fastener.....	835,931	Nov. 13	2048	437	125	555
Bock, William E., assignor to Toledo Glass Company, Toledo, Ohio. Machine for making hollow glass articles.....	833,295	Oct. 16	2587	540-1	124	1932
Bockelman, Henry H., Sylvan Grove, Kans. Feeding attachment for threshing-machines.....	831,927	Sept. 25	4107	856	124	1131
Bockhoff, William F., Indianapolis, Ind., assignor to National Cash Register Company, Jersey City, N. J. Cash-register.....	811,761	Feb. 6	417	92-3	120	1577
Bockhoff, William F., Indianapolis, Ind., and E. J. von Fein, Dayton, Ohio, assignors to National Cash Register Company, Jersey City, N. J., and Dayton, Ohio. Cash-register.....	816,066	Mar. 27	4234	897	121	1080
Bockhoff, William F., and E. J. Von Fein, assignors to National Cash Register Company, Dayton, Ohio. Cash-register.....	838,942	Dec. 18	3268	706-7	125	2245
Boda, Lee M. (See Boda, William J., assignor.)						
Boda, William J., Dayton, assignor of one-half to L. M. Boda, Columbus, Ohio. Secret nail.	808,968	Jan. 2	700	151	120	154
Bodamer, Frank O., <i>et al.</i> (See Koonse, Amos, assignor.)						
Bodde, Theodore, assignor to L. B. Marks, New York, N. Y. Vapor-tube-starting device.....	832,363	Oct. 2	688	133	124	1378
Bode, Karl A., New York, N. Y. Medical instrument.....	820,950	May 22	3930	837	122	1055
Bode, Peter J., St. Louis, Mo. Back-pressure trap for sewer-pipes.....	810,390	Jan. 23	3650	750-1	120	915
Bode, Peter J., assignor of one-fourth to C. J. Nagel, St. Louis, Mo. Cleaning-brush.....	828,705	Aug. 14	2029	428	123	2204
Bodeck, Henry T. W. (See Kalkau and Bodeck.)						
Bodell, Allen W., Wilmette, Ill. Dish-washing machine.....	821,696	May 29	5447	1160-1	122	1442
Boden, Edmund P., Santa Clara, Cal. Removable stopper and strainer.....	831,767	Sept. 25	3764	788	124	1046
Bodette, William, Toledo, Ohio. Dipper-tooth.....	820,906	May 15	3832	817	122	971
Bodfish, John H., North Bradley, Mich. Scale.....	828,806	Aug. 14	2220	472	123	2253
Bodine, Harry E., Philadelphia, Pa. Salesman's sample.....	832,585	Oct. 9	1142	228	124	1529
Bodine, Samuel L., Berwyn, assignor to Window Glass Machine Company, Pittsburg, Pa. Drawing hollow glass articles.....	832,835	Oct. 9	1653	340	124	1649
Bodinger, Samuel, New York, N. Y. Easel-frame.....	838,516	Dec. 18	2480	538	125	2056
Bodman, Walter L., Maywood, Ill. Tea or coffee pot.....	814,262	Mar. 6	514	106	121	110
Bodman, Walter L., Maywood, assignor to Liquid Carbonic Company, Chicago, Ill. Syrup-jar.....	825,181	July 3	979	206	123	255
Bodum, Louis D., <i>et al.</i> (See Barry, James, assignor.)						
Boeck, Alfred, and J. Müller, New York, N. Y. Amusement device.....	836,556	Nov. 20	3286	701	125	910
Boeck, Charles H., assignor to Metal Stamping Company, Jackson, Mich. Refrigerator.....	835,095	Nov. 6	444	90-1	125	117
Bogel, Carl W. E., Lima, Ohio. Carpet-cleaning device.....	838,943	Dec. 18	3270	707	125	2246
Boehm, Joseph L., St. Louis, Mo. Suspensory bandage and dressing-retainer.....	827,207	July 31	5168	1072	123	1372
Boehner, Jacob P., Freeport, Ill. Binder for loose leaves of books.....	812,397	Feb. 13	1786	391	120	1929
Boehringer & Soehne, C. F. (See Sarason, Leopold, assignor.)						
Boerger, Frederick. (See Harbrecht and Boerger.)						
Boese, Charles W., Temple, Tex. Clothes-pin.....	818,658	Apr. 24	4230	910	121	2446
Boese, Charles W., Temple, Tex. Clothes-line.....	836,855	Nov. 27	3904	883	125	1099
Boettcher, Henry R., Chicago, Ill. Animal-shears.....	832,836	Oct. 9	1655	341	124	1649
Boettler, George, St. Peters, Mo. Separator.....	816,067	Mar. 27	4240	898	121	1081
Bogaerts, Hubert, Bostel, Netherlands. Producing copies of oil-paintings.....	827,606	July 31	6023	1253	123	1578
Bogardus, Frank, Torrington, Conn. Folding crib.....	837,278	Dec. 4	17	6	125	1358
Bogardus, Van Ness H., assignor of one-half to W. T. Noad, Torrington, Conn. Sewing-cabinet.....	818,073	Apr. 17	3037	656	121	2135
Bogart, Fred H., New Britain, Conn. Universal joint.....	830,203	Sept. 4	620	125	124	157
Bogart, Fred H., assignor to Corbin Motor Vehicle Corporation, New Britain, Conn. Means for cooling internal-combustion engines.....	818,735	Apr. 24	4383	938-9	121	2479
Bogear, Bert, and J. G. Tompkins, Marengo, Iowa. Horseshoe-nail and fastener.....	824,090	June 26	3692	787	122	2696
Bögelmann, Hermann, Crefeld, Germany. Bottle-stopper.....	821,456	May 22	4976	1058	122	1286
Bogert, John L., New York, N. Y. Crank-axle lathe.....	836,360	Nov. 20	2895	614	125	815
Boggs, Herbert, Cobourg, Canada. Oil-lamp.....	814,668	Mar. 13	1350	282	121	353
Boggs, James F., Needles, Cal. Cloth measuring and marking machine.....	813,767	Feb. 27	4471	987	120	2606
Boggs, James F., Needles, Cal. Trolley-pole controller.....	831,530	Sept. 25	3273	689	124	913
Bogue, David A. (See Gorsuch and Bogue.)						
Bohache, Harry W., Cincinnati, Ohio. Attachment for Indian clubs.....	825,955	July 17	2602	540	123	695
Bohannon, Charley R., Welsh, La. Vehicle-wheel.....	828,269	Aug. 7	1133	238	123	1946
Bohling, Frederick and H. A. Albrecht, Sheboygan, Wis. Shaper-guard.....	828,706	Aug. 14	2030	429	123	2204
Bohm, Charles, Du Bois, Nebr. Sawing-machine.....	826,222	July 17	3122	648	123	822
Böhm, Oscar A., New York, N. Y. Manufacturing tipless miniature incandescent search-lamps.....	825,103	July 3	823	171	123	219
Bohy, Aimé, assignor to What Cheer Tool Company, What Cheer, Iowa. Pick.....	838,944	Dec. 18	3272	707	125	2246
Boice, Augustin. (See Schuman, James B., assignor.)						
Boileau, James W., assignor to L. C. Sherwood, Detroit, Mich. Ore-roaster.....	820,088	May 8	2184	476	122	550
Boilers and Engineering Company. (See Del Mar, Harry, assignor.)						
Boirault, Louis, Paris, France. Elastic tire for wheels.....	836,557	Nov. 20	3288	701	125	910
Bois, Clara. (See Plotkin, Max, assignor.)						
Boisard, Louis, Lyon, France. Cutting beveled teeth.....	823,025	June 12	1597	330-1	122	2126
Boisaubin, Alfred, Brooklyn, N. Y. Tobacco-pipe.....	824,971	July 3	596	119	123	158
Boise, Frank C. (See Warner, Isaac M., assignor.)						
Boismaure, Alfred A., New York, N. Y., assignor to Boismaure Oscillating Jewelry Company. Jewel-mounting.....	831,033	Sept. 18	2274	480	124	634
Boismaure Oscillating Jewelry Company. (See Boismaure, Alfred A., assignor.)						
Boisse, Louis M. J. de. (See Denis and Boisse.)						
Boisvert, Joseph L., Kankakee, Ill. Combined folding bed and table.....	824,404	June 26	4308	917	122	2826
Boiteau, Octave, Bloomer, Wis. Pail-handle.....	831,700	Sept. 25	3656	764	124	1019
Bök, Nils S., Stockholm, Sweden. Distributing device for centrifugal separator-bowls.....	832,837	Oct. 9	1657	341	124	1650
Bök, Nils S., Stockholm, Sweden. Centrifugal separator.....	834,254	Oct. 30	4757	1006	124	2551
Bokmayer, Walter. (See Swoboda, Adolf, assignor.)						
Boland, John. (See Mueller and Boland.)						
Boland, John V., St. Louis, Mo. Fire-brick tile.....	835,596	Nov. 13	1434	307	125	406
Bolden, James A., Gray, La. Machine for cutting sugar-cane.....	813,943	Feb. 27	4837	1067	120	2683
Boldenweck, Carl G. (See Neff and Boldenweck.)						
Boldog, Daniel, assignor of one-half to J. Melega, New York, N. Y. Means for freeing horses from vehicles.....	820,381	May 8	2742	597	122	673
Boldt, Charles F., Detroit, Mich. Honing-machine.....	820,761	May 15	3499	750	122	899
Bole, Robert E., Bakersfield, Cal. Oil-well pump.....	817,543	Apr. 10	1983	419	121	1850
Bole, Samuel T., assignor to J. A. Brill, Philadelphia, Pa. Electric sprinkling-car.....	830,046	Sept. 4	270	54-5	124	66
Bolen, U. S., <i>et al.</i> (See Burkins, Eugene, assignor.)						
Bolens, Harry W., Port Washington, Wis. Chair-iron.....	820,620	May 15	3224	694	122	838
Bolens, Harry W., Port Washington, Wis. Seat-spider.....	824,232	June 26	3965	849	122	2756
Boley, E. M., <i>et al.</i> (See Platt, George D., assignor.)						
Bolick, Jerome, Conover, N. C. Vehicle-wheel.....	836,361	Nov. 20	2898	615	125	815

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bolin, Nils P., assignor of one-half to W. G. Smith, Brockton, Mass. Device for detachably securing rubber heels to boots and shoes.	811,365	Jan. 30	5586	1166	120	1372
Bolinski, Herman J., New London, Wis. Mail-carrier.	829,623	Aug. 28	3957	838-9	123	2765
Bolitho, Otho G., Penzance, England. Apparatus for catching fish.	827,076	July 31	4873	1016	123	1294
Bollenbach, Friedrich, assignor of two-thirds to E. E. Herman and W. M. Holzinger, Allegheny, Pa. Loose-leaf ledger.	818,605	Apr. 24	4119	885	121	2421
Boller, Emma E., Pasadena, Cal. Folding sewing-receptacle for sewing-machines.	830,638	Sept. 11	1518	314	124	408
Boller, Peter, Chicago, Ill. Upholstery apparatus.	811,366	Jan. 30	5587	1166-7	120	1373
Bolles, Henry S. (See Townsend and Bolles.)						
Bollhoefer, Eddie, Colfax, Iowa. Display-rack.	817,216	Apr. 10	1328	278	121	1714
Bollinger, Robert, Freeland, Md. Extension-bed.	819,631	May 1	1169	256	122	262
Bollman, Franklin H., Beardstown, Ill. Broom-holder.	835,725	Nov. 13	1665	353	125	463
Bollman, George W., Pittsburg, Pa., assignor to Otis Elevator Company, Jersey City, N. J. Steam hoisting apparatus.	812,324	Feb. 13	1642	361-2	120	1900
Bollman, George W., Pittsburg, Pa., assignor to Otis Elevator Company, East Orange, N. J. Hoist.	817,747	Apr. 17	2361	507	121	1987
Bolstad, Paul E., Lake Mills, Iowa. Locking device for wire gates.	836,800	Nov. 27	3814	812	125	1078
Bölsterli, Walther, Winterthur, Switzerland. Producing solutions containing pure silver salt.	809,278	Jan. 9	1348		120	331
Bolte, Charles J., Columbus, Wis. Vehicle draft appliance.	818,997	Apr. 24	4888	1049	121	2588
Bolton, Alice, Kansas City, Mo. Game.	818,409	Apr. 24	3716	797	121	2336
Bolton, Andrew B., Manchester, England. Apparatus for superheating steam.	828,807	Aug. 14	2223	472	123	2254
Bolton, Herbert D., assignor to Elliott-Fisher Company, New York, N. Y. Work-gage for type-writers.	830,047	Sept. 4	271	55	124	66
Bolton, Herbert D., assignor to Elliott-Fisher Company, New York, N. Y. Ribbon-guide for type-writing machines.	838,073	Dec. 11	1601	344	125	1796
Bolton, James, and J. Weiss, Chicago, Ill. Sewing-machine.	830,562	Sept. 11	1355	282	124	364
Bolton, James M., Washington, D. C. Mold for building-blocks.	826,467	July 17	3578	745	123	936
Bolton, John T., assignor of one-half to G. Grime, Fall River, Mass. Warp stop-motion for looms.	835,807	Nov. 13	1833	387	125	507
Bolton, Paul F., Toronto, Ontario, Canada. Compound lumber.	837,661	Dec. 4	770	176	125	1545
Bolton, Werner von, Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Electric incandescent lamp.	817,732	Apr. 10	2327	500	121	1927
Bolton, Werner von, Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Homogeneous body of highly-refractory metals.	817,733	Apr. 10	2328		121	1927
Bolton, Werner von, Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Incandescent body for lighting purposes.	817,734	Apr. 10	2330	501	121	1927
Boman, Claes W., Brooklyn, assignor to Eagle Pencil Company, New York, N. Y. Pen-holder.	820,907	May 15	3833	818	122	971
Bombardier, Flavien, Valcourt, Quebec, Canada. Railway-rail joint.	832,715	Oct. 9	1408	284	124	1591
Bomeisler, Carl, New York, N. Y. Mirror.	820,621	May 15	3225	694	122	839
Bomgardner, Joseph, Cleveland, Ohio. Horseshoe-sharpening device.	822,229	May 29	6474	1374	122	1678
Bommer, Emil, New York, N. Y. Ball-bearing for spring-hinges.	822,570	June 5	677	138	122	1877
Bommer, Emil, New York, N. Y. Spring-hinge.	822,911	June 12	1357	282	122	2071
Bommer, Emil, New York, N. Y. Spring-hinge.	825,104	July 3	824	171-2	123	219
Bond, Albert. (See McKnight, Squire T., assignor.)						
Bond, Lon A., assignor to Rubbertex Cloth and Paper Company, Logansport, Ind. Waterproof fabric.	820,694	May 15	3364	721	122	866
Bond, Robert L., Orange, Va. Reversible hame.	819,508	May 1	937	205	122	209
Bond, Samuel C. (See Caskey and Bond.)						
Bond, William H., Newcastle, Ind. Harrow.	813,852	Feb. 27	4659	1030	120	2647
Bond, William R., Fort Thomas, Ky. Automatic stove-damper.	827,955	Aug. 7	524	107	123	1802
Bonfils, Frederick G., Denver, Colo. Aerial bicycle.	823,100	June 12	1756	361-2	122	2158
Bonn, Clyde G., Pine Bluff, Ark. Sawmill-carriage.	810,320	Jan. 16	3471	717	120	841
Bonnar, Robert A., et al. (See Clegg, Thomas, assignor.)						
Bonnechose, Gaston C. E. de, Paris, France. Turbine-engine.	810,252	Jan. 16	3324	690	120	808
Bonnell, William A., Brooklyn, N. Y. Insulating appliance.	821,920	May 29	5581	1250	122	1542
Bonnell, William R., and J. F. Conrad, assignors of one-fourth to R. J. Slingermann, Elizabeth, N. J. Drainage-trap for houses.	838,001	Dec. 11	1430	310	125	1752
Bonnella, Albert J., London, England. Electric-lamp fitting.	825,182	July 3	981	206	123	256
Bonner, Robert A. (See Sinclair, Harry C., assignor.)						
Bonner, William T., Boston, Mass., assignor to Wm. T. Bonner Co. Gage-fitting.	831,139	Sept. 18	2510	529-30	124	686
Bonney, Oscar L., Denver, Colo. Leveling device for clocks and similar instruments.	824,525	June 26	4551	966-7	122	2881
Bonom, Alfred, Paterson, N. J., assignor of one-tenth to L. P. D. Blanz, Brooklyn, N. Y. Hydraulic turbine.	834,558	Oct. 30	5320	1129-30	124	2693
Bonroe, Frank A., St. Louis, Mo. Tobacco-press.	815,790	Mar. 20	3662	770	121	904
Bonsal, Isaac N., Oronogo, Mo. Ore-crusher.	825,699	July 10	2123	443	123	565
Bonser, James E., New York, N. Y. Trap.	828,595	Aug. 14	1818	383	123	2151
Bonson Furnace and Boiler Company. (See Bonson, William W., assignor.)						
Bonson, William W., Dubuque, Iowa, assignor to Bonson Furnace and Boiler Company, Chicago, Ill. Boiler.	830,129	Sept. 4	461	93	124	116
Bonta, Thomas G., Harrodsburg, Ky. Hemp-brake.	826,014	July 17	2717	562	123	727
Bonte, John P., Chicago, Ill. Automatic stop-gage for saw-tables.	836,237	Nov. 20	2650	558	125	755
Bontempi, Augusto, assignor of one-half to L. von Gessner, New York, N. Y. Type-writing machine.	825,261	July 3	1131	240-1	123	204
Bontempi, Augusto, New York, assignor to H. C. Gessner, Brooklyn, N. Y. Article of an alloy of iron and hydrogen and producing the same.	835,495	Nov. 13	1236		125	356
Bontty, Joseph, San Diego, Cal. Seine.	825,633	July 10	1997	416	123	533
Bonvillain, Philibert, Paris, France. Apparatus for grinding or crushing foundry-sand, &c.	810,904	Jan. 30	4675	974-5	120	1174
Bonvillain, Philibert, Paris, France. Molding-machine.	812,004	Feb. 6	965	210	120	1685
Bonvillain, Philibert, Paris, France. Mold-charging apparatus.	813,614	Feb. 27	4193	920	120	2546
Bonvillain, Philibert, Paris, France. Manufacturing pattern-plates.	814,263	Mar. 6	514	107	121	111
Bonvillain, Philibert, Paris, France. Apparatus for use in manufacturing small metallic pattern-plates.	814,638	Mar. 6	1266	266	121	274
Bonvillain, Philibert, Paris, France. Hydraulic molding-press.	815,577	Mar. 20	3199	672-3	121	804
Bonvillain, Philibert, Paris, France. Machine for manipulating foundry-molds.	818,410	Apr. 24	3718	797-8	121	2336
Bonwell, William H., Brookville, Ind. Baling-press.	837,540	Dec. 4	513	119	125	1483
Boocock, Edward H., West Vale, England. Steam-engine.	831,822	Sept. 25	3872	811	124	1072
Boof, Michel, Strassburg, Germany. Roasting apparatus for coffee, malt, &c.	813,274	Feb. 20	3491	769	120	2334
Booker, Carsner J. (See Brock and Booker.)						
Booker, Daniel L., Girard, Ala. Wrench.	823,155	June 12	1864	385	122	2181
Bookland, Ernest W. (See McAlpin, Frank G., assignor.)						
Boomer, Isaac N., and S. P. Linkswiler, Salix, Iowa. Railway-tie.	818,606	Apr. 24	4121	885	121	2421
Boon, Arthur W., Brixton, England. Expandible sprocket.	809,421	Jan. 9	1659	341	120	396
Boone, Charles H. (See Hewes, James E., assignor.)						
Boone, George M., Baltimore, Md. Smoke-consumer.	809,168	Jan. 2	1074	223	120	236

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Boone, John R., Nashville, Tenn. Hydrocarbon-burner.....	810,253	Jan. 16	3326	690-1	120	808
Boone, Robert B., <i>et al.</i> (See Tatum, James W., assignor.)						
Booraem, John V., New York, N. Y. Means for automatically balancing rotating masses.....	829,251	Aug. 21	3164	666	123	2524
Booraem, Robert E., New York, N. Y. Ventilating system for mines, tunnels, or subways.....	820,945	May 15	3907	833	122	989
Boos, Christian J., Jackson, Mich. Brick-making machine.....	831,596	Sept. 25	3403	714-15	124	949
Boosted, Emil. (See Boosted, Henry J., assignor.)						
Boosted, Henry J., assignor of one-half to E. Boosted, Kenosha, Wis. Repeating shotgun.....	830,048	Sept. 4	273	55-6	124	67
Booth, Alba C., Burlington, Vt. Bottle-cap lifter.....	812,257	Feb. 13	1501	329	120	1866
Booth, Charles W. (See Menzel, William G., assignor.)						
Booth, David N., New York, N. Y. Metallic support for artificial teeth.....	824,465	June 26	4444	943	122	2856
Booth, Emmons R., Cincinnati, Ohio. Lock.....	816,705	Apr. 3	313	73	121	1429
Booth, Irving E., <i>et al.</i> (See Flynt, Louis W. G., assignor.)						
Booth, Irving E., <i>et al.</i> (See Olson and Flynt, assignors.)						
Booth, James, East Liverpool, Ohio. Curtain-stretcher.....	825,375	July 10	1377	290	123	377
Booth, James H., Jumbunna, Victoria, Australia. Fifth-wheel.....	830,701	Sept. 11	1661	340	124	448
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Knob.....	808,627	Jan. 2	15	4	120	6
Booth, Lewis M. (See Sutro and Booth.)						
Booth, Quentin W., <i>et al.</i> (See Flynt, Louis W. G., assignor.)						
Booth, Quentin W., <i>et al.</i> (See Olson and Flynt, assignors.)						
Booth, Robert E., and J. Wise, Charleroi, Pa. Car-starter.....	811,123	Jan. 30	5090	1065	120	1265
Booth, William H., Atkinson, N. C. Sliding-door fastener.....	818,143	Apr. 17	3185	685	121	2168
Booth, Zachary T., and J. F. Bittle, assignors of one-third to C. Smith, Brunswick, Md. Railway-tie.....	812,807	Feb. 20	2568	565	120	2134
Borated Specialty Company. (See Dix, Edward S., assignor.)						
Borchers, Johannes A. W., Aachen, P. R. Franke, Eisleben, and F. E. Günther, Aachen, Germany. Electrolytic production of copper.....	830,639	Sept. 11	1520		124	408
Borchers, William F. (See Yoders, Irvin G., assignor.)						
Borchert, William. (See Akerly and Borchert.)						
Borden, Bradford, assignor, by mesne assignments, to Borden Company, Warren, Ohio. Adjustable die-stock.....	812,398	Feb. 13	1787	391	120	1930
Borden, Bradford, assignor, by mesne assignments, to Borden Company, Warren, Ohio. Adjustable die-stock.....	814,581	Mar. 6	1159	242	121	251
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Adjustable die-stock.....	817,217	Apr. 10	1330	278	121	1714
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Pipe-threading machine.....	828,808	Aug. 14	2224	473	123	2254
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Adjustable die-stock.....	830,875	Sept. 11	1974	414	124	529
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Adjustable die-stock.....	834,454	Oct. 30	5131	1089-90	124	2644
Borden, Charles H., Stamford, Conn. Telephone-bracket.....	834,104	Oct. 23	4418	938-9	124	2418
Borden, Charles R. C., Brookline, Mass. Stethoscope.....	832,032	Oct. 2	13	3	124	1216
Borden Company. (See Borden, Bradford, assignor.)						
Borden, Horace, New Bedford, Mass. Street-cleaning machine.....	830,490	Sept. 11	1202	251	124	326
Borden, Libbie, Spokane, Wash. Refrigerator.....	824,061	June 19	3642	775	122	2628
Borden's Condensed Milk Co. (See Mottlan, August J., assignor.)						
Bordner, William R., Canton, Ohio. Fence-post.....	829,834	Aug. 28	4402	928	123	2874
Borg, Fredrik G., Chicago, Ill. Bridge.....	828,873	Aug. 21	2365	503	123	2319
Borgen, Morris, Birmingham, England. Mouthpiece for pipes and cigar and cigarette holders.....	838,606	Dec. 18	2655	571	125	2099
Borgmann, Wilhelm, Düsseldorf, Germany. Sign.....	834,447	Oct. 30	5119	1087	124	2641
Bories, Leon, San Francisco, Cal. Protective gate for moving pictures.....	823,913	June 19	3361	716	122	2568
Borini, Giuseppe, Reggio Emilia, Italy. Iron-framed wood pad for track-rails.....	816,774	Apr. 3	441	100	121	1455
Borland, Samuel C., and P. Vanderwulp, Parnassus, assignors to American Glass Bending Company, Limited, New Kensington, Pa. Apparatus for bending glass.....	833,436	Oct. 16	2876	610-11	124	2004
Borlaug, Joseph E. and J. Hibbing, Minn. Link or clevis.....	831,260	Sept. 18	2745	578	124	744
Borlaug, Julia. (See Borlaug, Joseph E. and J.)						
Bormann, Johann G. L., Charlottenburg, Germany. Gas-generator.....	817,035	Apr. 3	974	200	121	1575
Bormann, Rudolf. (See Callmann and Bormann.)						
Born, Charles. (See Christen, Orgeich, and Born.)						
Born, Frank A., Grover, S. D. Spring-wheel.....	813,035	Feb. 20	3023	665-6	120	2233
Born, Paul B. F., Grover, S. D. Windmill-governor.....	816,213	Mar. 27	4522	960	121	1142
Bornand, Joseph, New York, N. Y. Spring-motor.....	836,734	Nov. 27	3686	786-7	125	1043
Borne, John F., assignor to Hammond-Hamburger Company, Silver Creek, N. Y. Gas-burner.....	824,972	July 3	597	120	123	158
Borneman, Andrew G., Athens, N. J. Clothes-pin.....	810,704	Jan. 23	4267	885	120	1054
Borneman, Henry, Paterson, N. J. Climbing apparatus.....	810,254	Jan. 16	3328	691	120	809
Borneman, Henry, Paterson, assignor of one-half to A. Bakker, Passaic, N. J. Washing-machine.....	829,252	Aug. 21	3167	667	123	2525
Bornhoeft, Edward, New York, N. Y. Piano-pedal.....	820,622	May 15	3228	694	122	839
Bornot, André F., Philadelphia, Pa. Machine for scouring garments, fabrics, &c.....	812,005	Feb. 6	966	210	120	1686
Bornstein, Jennie L., Dayton, Ohio. Belt attachment for sanitary supports.....	828,809	Aug. 14	2226	473	123	2255
Borough Construction Company. (See Meem, James C., assignor.)						
Borsch, John L., Jr., Philadelphia, Pa. Tool for grinding lenses.....	816,555	Apr. 3	8	2	121	1356
Borsdori, Charles W., Haledon, N. J. Cue-tip.....	825,105	July 3	826	172	123	220
Borst, Frank A., assignor to Ideal Concrete Machinery Company, South Bend, Ind. Adjustable face-plate.....	812,916	Feb. 20	2784	613	120	2182
Borst, Frank A., assignor to Ideal Concrete Machinery Company, South Bend, Ind. Sill and lintel machine.....	817,413	Apr. 10	1718	362	121	1795
Borst, Frank A., assignor to Ideal Concrete Machinery Company, South Bend, Ind. Building-block-mold core.....	837,662	Dec. 4	772	176	125	1545
Borst, Frank A., South Bend, and J. Groseop, Auburn, assignors to Ideal Concrete Machinery Company, South Bend, Ind. Machine for manufacturing hollow concrete building-blocks. (Reissue).....	12,578	Dec. 18	3542	766	125	2318
Borst, George, Rochester, N. Y. Match-box.....	830,406	Sept. 4	1027	214	124	254
Borst, George, Rochester, N. Y. Sleeve-protector.....	833,667	Oct. 16	3337	710	124	2111
Borsum, Louis, Plainfield, N. J. Reversible back for photographic cameras.....	823,759	June 19	3067	649-50	122	2501
Borsum, Louis, Plainfield, N. J. Photographic camera.....	835,127	Nov. 6	510	103	125	131
Borth, August. (See Dieckmann, John, assignor.)						
Bortree, Louis S., deceased, Toledo, Ohio; A. B. Andrews, administratrix. Seed-planter.....	825,376	July 10	1379	290-1	123	378
Boryeson, Charles B. (See Asper and Boryeson.)						
Bosch, Carl, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Production of cyanogen compounds.....	821,457	May 22	4977		122	1286
Bosch, John N., Jr., Cementon, Pa. Grinding-mill.....	827,703	Aug. 7	17	3	123	1674
Boschelli, Angelo A., assignor to Boschelli Non-Refillable Bottle Company, Harrisburg, Pa. Bottle.....	824,706	July 3	20	3	123	9

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Boschelli Non-Refillable Bottle Company. (See Boschelli, Angelo A., assignor.)						
Boschen, William H., Richmond, Va. Trunk.	819,974	May 8	1913	423	122	486
Böskén, Heinrich, Geldern, Germany. Producing imitation marble on finished objects.	845,213	Nov. 6	677	139	125	172
Bosley, Charles U., Lebanon, Ky. Adjustable slipper.	831,210	Sept. 18	2638	554	124	715
Boss, Homer C., Leroy, N. Y. Draft-equalizer.	814,110	Mar. 6	214	42	121	46
Boss, Martin P., San Francisco, Cal. Stamp-mill.	815,936	Mar. 27	3959	839	121	1019
Boss, Martin P., San Francisco, Cal. Stamp-mill.	815,937	Mar. 27	3960	839	121	1020
Boss, Martin P., San Francisco, Cal. Concentrator.	822,912	June 12	1358	282-3	122	2071
Boss, Martin P., San Francisco, Cal. Crushing-mill.	822,913	June 12	1362	283	122	2072
Boss, Martin P., San Francisco, Cal. Mortar for stamp-mills.	822,914	June 12	1363	283	122	2072
Boss, William, St. Anthony Park, Minn. Grass-collecting receptacle for lawn-mowers.	829,943	Sept. 4	11	3	124	4
Bossert Electric Construction Company. (See Bossert, William F., assignor.)						
Bossert, Leon W. (See Slocum, Silas D., assignor.)						
Bossert, William F., Utica, N. Y. Insulated rail-joint.	833,020	Oct. 9	2091	419	124	1734
Bossert, William F., Utica, N. Y. Three-point jack.	839,264	Dec. 25	3936	846	125	2458
Bossert, William F., assignor to Bossert Electric Construction Company, Utica, N. Y. Junction-box.	833,296	Oct. 16	2589	541	124	1932
Bossuet, Emile M., Paris, France. Dirigible balloon.	837,784	Dec. 4	1006	224	125	1603
Bostelman, Rudolph A., Nashville, Tenn. Machine-cover.	827,412	July 31	5596	1157-8	123	1474
Boston Crude Oil Burner Co. (See Jackson, Benjamin F., assignor.)						
Boston, Dudley T., Garfield county, Okla. Ter. Return-envelop.	827,208	July 31	5170	1072	123	1372
Boston Garbage Can Company. (See Orkin, Jacob I., assignor.)						
Boston Pneumatic Power Company. (See Nolan and Sanborn, assignors.)						
Boston Rubber Shoe Company. (See Lakin, Charles, assignor.)						
Boston Wire Stitcher Company. (See Briggs, Thomas A., assignor.)						
Bostrom, Axel G. (See Holmes and Bostrom.)						
Bostrom-Brady Manufacturing Company. (See Bostrom, Ernst A., assignor.)						
Bostrom, Ernst A., Atlanta, Ga., assignor to Bostrom-Brady Manufacturing Company. Leveling instrument.	814,111	Mar. 6	217	42	121	47
Bostrom, John M. (See Holmes and Bostrom.)						
Bostwick, Abner L., Detroit, and C. L. Johnson, Marine City, Mich. Fire-escape.	836,008	Nov. 13	2170	465	125	584
Bostwick, John R., Clifton Springs, assignor to Lawrence-Bostwick Manufacturing Company, Phelps, N. Y. Cream-separator.	838,374	Dec. 11	2201	478	125	1946
Bosworth, Martin L., assignor of one-half to E. J. Brownell, Bristol, R. I. Vaginal syringe.	818,814	Apr. 24	4556	976	121	2517
Bothwell, George A., Owen Sound, Ontario, Canada. Locomotive.	832,585	Oct. 9	1144	229	124	1530
Bott, Adolph F., assignor of two-thirds to J. F. Marx and P. Wickens, Rochester, N. Y. Apparatus for lasting boots and shoes.	828,300	Aug. 14	1230	257	123	2000
Bott, George M., assignor of one-half to F. R. Marks, Ashland, Ohio. Spring for doors, gates, and the like.	816,556	Apr. 3	10	3	121	1356
Böttcher, Karl, and F. Heym, Benrath, near Düsseldorf, Germany. Automatic grasper.	818,736	Apr. 24	4385	939	121	2480
Bottenstein, Leopold, Pittsburg, Pa. Car-coupling.	829,456	Aug. 28	3615	759-60	123	2682
Bottlers Machinery Manufacturing Company. (See Bastian, Charles L., assignor.)						
Bottlers Machinery Manufacturing Company. (See Strasburger, Frank C. H., assignor.)						
Bottomley, James F., Walsend-on-Tyne, and A. Paget, North Cray, England. Fusing silica and shaping the mass while plastic.	822,424	June 5	372	77-8	122	1806
Bottomley, James F., Walsend, and A. Paget, North Cray, England. Apparatus for working fused silica or the like.	836,558	Nov. 20	3290	701-2	125	911
Bottomley, James F., Walsend, R. S. Hutton, Manchester, and A. Paget, North Cray, England. Manufacture of silica glass.	812,399	Feb. 13	1790	391-2	120	1931
Bottom, George W., Chicago, Ill. Toe-weight for horses.	819,509	May 1	939	205	122	210
Bouchard, Noël, Longue Pointe, Quebec, Canada. Braking mechanism.	836,362	Nov. 20	2900	615	125	816
Bouchaud-Praceli, Edouard, assignor to Portable Gas Fountain Syndicate Limited, Paris, France. Automatic apparatus for carbureting air and other gases.	835,745	Nov. 13	1695	361	125	471
Boucher, Arthur L., assignor to New York Cigarette Machine Company, New York, N. Y. Cigarette-machine.	831,034	Sept. 18	2276	480-1	124	634
Boucher, Arthur L., assignor to New York Cigarette Machine Company, New York, N. Y. Cigarette-finishing machine.	832,289	Oct. 2	547	103-4	124	1345
Boucherot, Paul, Paris, France. Dynamo-electric machine.	825,877	July 10	2451	511-12	123	643
Boucher, Charles F. (See Young, Clark, and Green, assignors.)						
Bouery, Pierre, Weaverville, Cal. Dredger and bed-rock cleaner.	816,958	Apr. 3	828	169	121	1541
Boughton, Seymour W., Cleveland, Ohio. Expansion-controlled apparatus.	810,255	Jan. 16	3329	691	120	809
Bouhall, Herman J., assignor of one-half to A. B. Honecker, Cleveland, Ohio. Individual safety garment-rack.	812,917	Feb. 20	2785	613	120	2182
Boulboulé, Ernest, Brussels, assignor to G. Widmer & Cie., Haren, near Brussels, Belgium. Hot-water-distributing apparatus.	826,468	July 17	3579	746	123	936
Boulden, Herbert D. (See Boulden, William M., W. I., and H. D.)						
Boulden, William I. (See Boulden, William M., W. I., and H. D.)						
Boulden, William M., W. I., and H. D., Chester, Pa. Drop and cellar-door hinge.	817,748	Apr. 17	2363	508	121	1988
Boulger, Benjamin, New York, N. Y. Garbage-furnace.	835,699	Nov. 13	1615	344	125	450
Boulton, Orrin T., Covington, Ohio. Scale.	833,868	Oct. 23	3788	804-5	124	2267
Bourgeois, Joseph R., et al. (See Fuller, Eugene, assignor.)						
Bourne, Albert E. (See Bourne, Thomas and A. E.)						
Bourne, George C., Worcester, Mass. Pistol-grip.	822,646	June 5	838	171	122	1913
Bourne, George C., Worcester, assignor to M. E. Johnson, executrix, Fitchburg, Mass. Pistol-grip. (Reissue).	12,502	July 10	2465	514	123	646
Bourne, Horace, Catford, England. Sewing-thimble.	837,896	Dec. 4	1218	269	125	1656
Bourne, Thomas and A. E., Birmingham, England. Caster.	824,619	June 26	4744	1010	122	2922
Bourque, Cyrille, Vancouver, British Columbia, Canada. Warehouse-truck-wheel check.	831,701	Sept. 25	3656	764	124	1019
Bourque, Cyrille, Vancouver, British Columbia, Canada. Removable point for picks.	836,856	Nov. 27	3906	834	125	1100
Bouteille, Etienne, Paris, France. Glazing of horticultural and other structures.	828,084	Aug. 7	797	165	123	1868
Boutell Manufacturing Company. (See Boutell, William H., assignor.)						
Boutell, William H., assignor to Boutell Manufacturing Company, Rochester, N. Y. Fruit-slicer.	820,762	May 15	3500	750-1	122	899
Boutillier, Louis, Paris, France. Gas-producer.	835,847	Nov. 13	1897	402	125	521
Bouton, Arthur A., assignor to Standard Sewing Machine Company, Cleveland, Ohio. Button-sewing mechanism.	820,089	May 8	2186	476-7	122	550
Bouton, Georges. (See Dion and Bouton.)						
Bouvier, George E., and J. N. Proulx, Woonsocket, R. I. Slubber or fly-frame.	833,668	Oct. 16	3338	710	124	2111
Bovee, David W., Waterloo, Iowa. Apparatus for the construction of plastic walls.	812,006	Feb. 6	968	211	126	1686
Bovee, David W., Waterloo, Iowa. Furnace.	819,632	May 1	1171	256-7	122	263
Bovee, David W., Waterloo, Iowa. Apparatus for the construction of plastic walls.	825,183	July 3	983	207	123	257
Bowden, Charles H. J. (See Rouleau, Joseph A. A., assignor.)						
Bowden, Ernest A. B. (See Jacobs, Insell, Newton, and Bowden.)						
Bowditch, John F., Boston, Mass. Flat brush.	822,571	June 5	679	138	122	1877
Bowditch, John P., Framingham, England. Whip-handle.	835,150	Nov. 6	557	113	125	142

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bowditch, Nathaniel, Aurora, Ill. Cotton-harvesting machine.....	827,288	July 31	5315	1101-2	123	1405
Bowen, Adna G., New York, N. Y. Paper-clip.....	819,717	May 8	1351	292	122	364
Bowen, Almon F., Newport News, Va. Reefing-tool.....	833,869	Oct. 23	3791	805	124	2268
Bowen, George W., Ridley Park, Pa. Stockless anchor.....	822,097	May 29	6214	1325	122	1618
Bowen, Henry. (See Bowerfind, Edward J., assignor.)						
Bowen, Isaac N., Lead, S. D. Tire.....	818,863	Apr. 24	4638	996	121	2534
Bowen, Russell H. (See Zamboni and Bowen.)						
Bowen, Thomas, Grove City, Pa. Rail-joint.....	839,715	Dec. 25	4856	1037	125	2682
Bower, Abram L., Boyertown, Pa. Block-signal system for electric railways.....	810,703	Jan. 23	4268	885	120	1054
Bower, Abram L., Boyertown, Pa. Automatic block-signal system.....	817,036	Apr. 3	976	200	121	1576
Bower, Abram L., Boyertown, Pa. Railway block-signal system.....	832,652	Oct. 9	1283	259	124	1562
Bower, Clarence E. (See Wygant, Lewis B., assignor.)						
Bower, Clarence E., Denver, Colo. Baling-press.....	810,029	Jan. 16	2853	589	120	710
Bower, Clarence E., Denver, Colo. Self-feeder for baling-presses.....	822,915	June 12	1365	284	122	2073
Bower, Henry F. (See Slade and Bower.)						
Bowerbank, John W., Jersey City, N. J. Fire-bucket.....	837,181	Nov. 27	4579	971	125	1262
Bowerfind, Edward J., assignor to H. Bowen, Adrian, Mich. Dies for tying intersecting wires.....	826,829	July 24	4351	906	123	1153
Bowerfind, Edward J., assignor to Lion Fence Co., Adrian, Mich. Wire feeding and measuring device.....	829,624	Aug. 28	3964	839	123	2767
Bowerman, William J., Detroit, Mich. Shooting-gallery. (Reissue).....	12,440	Jan. 30	5881	1233	120	1433
Bowers, Charles E., Westminster, Md. Heating system.....	822,819	June 5	1164	239	122	1983
Bowers, David. (See Keller and Bowers.)						
Bowers, Edward L., assignor to New Home Sewing Machine Company, Orange, Mass. Bobbin-case for sewing-machines.....	819,688	May 1	1285	280	122	288
Bowers, Fredson E., New Haven, Conn. Tire-case.....	832,453	Oct. 2	877	169	124	1423
Bowers, Harry, Kenesaw, Nebr. Rail-joint.....	826,304	July 17	3264	675	123	857
Bowers, Harvey, Wichita, Kans. Window-sash adjuster.....	812,808	Feb. 20	2569	565	120	2134
Bowers, James, Caldwell, N. J. Valve.....	828,086	Aug. 7	799	165	123	1868
Bowers, James, Caldwell, N. J. Dispensing apparatus.....	839,543	Dec. 25	4501	959	125	2595
Bowers, John C., Boston, Mass. Permutation-lock for bottle-stoppers.....	827,053	July 24	4791	1000	123	1259
Bowers, John L., Monticello, Cal. Preserving prunes.....	830,407	Sept. 4	1028	124	124	254
Bowers, Robert A. (See Harp, Frank P., assignor.)						
Bowers, Robert H., Nashville, Tenn. Nut-lock.....	827,289	July 31	5320	1102	123	1407
Bowers, Rudolph C., and L. A. Berger, East Ringgold, Ohio. Centrifugal speed-regulator.....	832,233	Oct. 2	446	82	124	1321
Bowers, William F., San Francisco, Cal. Dredger-sleeve.....	809,903	Jan. 9	2569	532	120	597
Bowers, Wilson S., Blandon, Pa. Target-trap.....	827,413	July 31	5600	1158	123	1475
Bowersock, Wilber E., Burlington, Iowa. Canceling-tool.....	822,179	May 29	6379	1355	122	1655
Bowery, Frederick J., assignor to McConway & Torley Company, Pittsburg, Pa. Car-coupling.....	839,101	Dec. 25	3608	779-80	125	2377
Bowes, Alpin M., Denver, Colo. Combined saw, square, and bevel.....	823,101	June 12	1758	362	122	2159
Bowes, Charles F. (See Allen and Bowes.)						
Bowes, George S. (See Culler, James B., assignor.)						
Bowey, John, Jr., London, Ontario, Canada. Water-purifier.....	835,661	Nov. 20	3480	743	125	953
Bowie, Aubrey, Sanford, Fla. Journal roller-bearing.....	825,956	July 17	2603	540	123	695
Bowie, William S., assignor to M. J. O'Callaghan and H. Siskind, Boston, Mass. Ham-mock.....	825,700	July 10	2124	443	123	565
Bowker, Amaziah C. (See Frack and Bowker.)						
Bowler, Noadiah P. (See Roberts, Albert E., assignor.)						
Bowles, Herbert B., et al. (See Smith, James M., assignor.)						
Bowles, John G., Chicago, Ill. Axle lock-nut.....	824,776	July 3	181	32	123	53
Bowley, Arthur S., Putney, England. Manufacture of articles in rubber and for their repair.....	836,083	Nov. 20	2314	490-1	125	675
Bowling Ball Company. (See Lahr, Henry B., assignor.)						
Bowling, Clarence B., Detroit, Mich. Garment-fastener.....	821,851	May 29	5751	1224-5	122	1512
Bowling, George S., Clarksville, Tenn. Ice-can filler.....	808,809	Jan. 2	369	80	120	82
Bowling, George S. and J. M., Clarksville, Tenn. Umbrella.....	828,810	Aug. 14	2227	473	123	2255
Bowling, James M. (See Bowling, George S. and J. M.)						
Bowlus Automatic Scale Company. (See Bowlus, Henry C., assignor.) (Reissue.)						
Bowlus, Henry C., assignor to Bowlus Automatic Scale Company, Springfield, Ohio. Automatic weighing-machine. (Reissue).....	12,554	Nov. 6	1223	264	125	307
Bowman, Arthur M., Avalon, Pa. Barge.....	819,633	May 1	1174	257	122	263
Bowman, Benton S., Millersburg, Pa. Safety-brake for elevators.....	810,256	Jan. 16	3331	691	120	809
Bowman, Benton S., assignor of one-half to S. S. Johnson, Millersburg, Pa. Safety car-truck axle.....	820,175	May 8	2350	512	122	585
Bowman, D. O., Rockford, Mich. Potato-digger.....	812,007	Feb. 6	971	211-12	120	1687
Bowman, Frank P., Bridgewater, Va. Harrow.....	835,879	Nov. 13	1958	415	125	533
Bowman, George M., et al. (See Imes, James S., assignor.)						
Bowman, Henry W., Barboursville, Ky. Bottle-washer.....	831,261	Sept. 18	2746	578-9	124	744
Bowman, James G. (See Cahill, John P., assignor.)						
Bowman, Lambert E., Flanagan, Ill. Draft-equalizer.....	831,409	Sept. 18	3019	642	124	813
Bowman, Lewis F., Ankenytown, Ohio. Combined rail-gage and brace.....	831,597	Sept. 25	3407	715	124	950
Bowman, Mary E. (See Klein, Daniel, assignor.)						
Bowman, Newton K., North Lawrence, Ohio. Switch-operating mechanism.....	814,582	Mar. 6	1161	242-3	121	251
Bowman, Newton K., North Lawrence, Ohio. Mine-gate.....	820,090	May 8	2190	477	122	551
Bowman, Newton K., North Lawrence, Ohio. Mine-gate.....	822,241	June 5	21	4-5	122	1733
Bowman, Newton K., North Lawrence, Ohio. Mail-bag catcher and deliverer.....	824,902	July 3	456	89	123	121
Bowman, Newton K., North Lawrence, Ohio. Hoop forming and splicing machine.....	827,607	July 31	6024	1253-4	123	1578
Bowman, Newton K., North Lawrence, Ohio. Mail-bag deliverer.....	837,380	Dec. 4	207	50-1	125	1408
Bowman, Wilbur N., Pierre, S. D. Slug-counter.....	832,033	Oct. 2	14	3	124	1216
Bowmaster, Charles F., Litchfield, Ill. Lantern-globe rack.....	809,422	Jan. 9	1660	341	120	397
Bown, David E., Pittsburg, Pa. Attachment-plug for electric lighting.....	837,182	Nov. 27	4580	971	125	1262
Bown, David E., Pittsburg, Pa. Fuse-plug for electric lighting.....	837,183	Nov. 27	4582	972	125	1263
Bown, David E., Pittsburg, Pa. Attachment-plug.....	837,184	Nov. 27	4583	972	125	1263
Bowne, Charles L., Keyport, N. J. Hot-air generator.....	836,009	Nov. 13	2171	465-6	125	584
Bowne, John D., assignor of one-half to J. M. Graham, New York, N. Y. Steam water-heater temperature-regulator.....	827,608	July 31	6030	1255	123	1580
Bowron, Charles E., Birmingham, Ala. Charging mechanism for cupola-furnaces.....	822,502	June 5	528	108-9	122	1842
Bowser, Harry M. (See Bowser, Ross M. and H. M.)						
Bowser, James E., and J. H. Francis, Newport News, Va. Ratchet-wrench.....	827,846	Aug. 7	306	64	123	1746
Bowser, Ross M. and H. M., Renfrew, Pa. Display-rack.....	838,517	Dec. 18	2481	538	125	2056
Bowsher, Samuel. (See Petery, Evan E. P., assignor.)						
Bowsher, Samuel. (See Petery and Jackson, assignors.)						
Box, Alfred, Philadelphia, Pa. Furnace.....	838,679	Dec. 18	2799	601	125	2134
Boyce, Arthur, Des Moines, Iowa. Hot-air furnace.....	816,528	Mar. 27	5183	1099	121	1284

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Boyce, Charles L., Detroit, Mich., assignor to American Telephone and Telegraph Company. Telephone system.....	820,176	May 8	2351	512	122	586
Boyce, John E., New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Elevator-brake.....	814,669	Mar. 13	1350	282	121	354
Boyce, Michael L., Carroll, Iowa. Fence-post.....	808,969	Jan. 2	701	152	120	154
Boyd, Chase, <i>et al.</i> (See Boyd, William M., assignor.)						
Boyd, Edwin S., Norris City, Ill. Dumping car or wagon.....	822,820	June 5	1165	240	122	1983
Boyd, Ernest I., <i>et al.</i> (See Boyd, William M., assignor.)						
Boyd, Frederic R. C. (See Callan and Boyd.)						
Boyd, Frederic R. C., Lynn, Mass., assignor to General Electric Company. Nozzle for elastic-fluid turbines.....	814,425	Mar. 6	876	179	121	191
Boyd, George H., Washington, D. C. Incubator.....	828,181	Aug. 7	974	201-2	123	1909
Boyd, James T., Indianapolis, Ind. Combined fracture-bed and invalid's chair.....	823,841	June 19	3226	682	122	2539
Boyd, John, Bessemer, Ala. Molding-bit.....	811,124	Jan. 30	5091	1065	120	1265
Boyd, John H., Barberton, Ohio. Bowling-pin-setting device.....	838,766	Dec. 18	2947	635-6	125	2170
Boyd, John M., Fond du Lac, Wis. Suspended track for elevators and carriers.....	812,477	Feb. 13	1922	424	120	1958
Boyd, John M., Fond du Lac, Wis. Elevator and carrier.....	827,609	July 31	6031	1255	123	1580
Boyd, John M., Fond du Lac, Wis. Pulley-block.....	827,680	July 31	6207	1290	123	1629
Boyd, Leroy. (See Kruse and Boyd.)						
Boyd, Robert W. (See Van Dusen, Henry L., assignor.)						
Boyd, Thomas S. (See Stem, Edgar S., assignor.)						
Boyd, Walter C., Williamsburg, Iowa. Gate.....	813,615	Feb. 27	4194	920	120	2547
Boyd, William H. (See Tuthill and Boyd.)						
Boyd, William M., assignor of two-thirds to C. and E. I. Boyd, Connorsville, Ind. Means for lubricating vehicle-wheels.....	811,615	Feb. 6	158	35	120	1520
Boye, James H., assignor to Boye Needle Company, Chicago, Ill. Commodity-cabinet.....	823,202	June 12	1973	411	122	2208
Boye, James H., assignor to Boye Needle Company, Chicago, Ill. Sewing-machine-needle chart.....	838,945	Dec. 18	3273	707	125	2246
Boye Needle Company. (See Boye, James H., assignor.)						
Boyens, Carl F., Allentown, Pa. Railway-frog.....	834,962	Nov. 6	156	32	125	43
Boynton, W. H. (See Butler, Neal A., assignor.)						
Boyer, Allen P., Goshen, Ind. Settee or chair.....	823,102	June 12	1759	362	122	2159
Boyer, Allen P., Goshen, Ind. Track-coupling.....	833,195	Oct. 16	2377	497	124	1877
Boyer, Allen P., Goshen, Ind. Carrier.....	835,780	Nov. 13	1771	377	125	488
Boyer, Charles A., and D. C. Peck, Marengo, Ill. Stovepipe.....	810,706	Jan. 23	4271	885	120	1055
Boyer, Henry V. (See Kimber, Emmor, assignor.)						
Boyer, Isaac H., Muncie, Ind. Steam-producer.....	822,718	June 5	986	200-1	122	1945
Boyer, Isaac H., Muncie, Ind. Apparatus for the generation of steam.....	831,768	Sept. 25	3765	789	124	1047
Boyer, Isaac H., Muncie, Ind. Steam-producer.....	835,597	Nov. 13	1435	308	125	407
Boyer, Isaac H., Muncie, Ind. Compound engine.....	837,785	Dec. 4	1008	225	125	1603
Boyer, Joseph E., Stewartsville, Mo. Sliding gate.....	826,987	July 24	4658	970	123	1228
Boyer, Oliver, Conant, Ohio. Corn-shocker.....	812,909	Feb. 20	2570	565-7	120	2134
Boyer, Samuel, Colfax, Wash. Horse-collar attachment.....	822,242	June 5	23	5	122	1733
Boyer, William R., and G. P. Laubenstein, Philadelphia, Pa. Fluid-dispensing apparatus.....	829,762	Aug. 28	4241	898	123	2835
Boyington, Arthur. (See Power and Boyington.)						
Boykin, Christopher C., assignor to American Novelty Company, Incorporated, Norfolk, Va. Apparatus for filling capsules.....	817,622	Apr. 10	2121	450	121	1878
Boylan, Aaron F., and E. C. Chamberlin, Denison, Iowa. Finger-ring expander.....	827,290	July 31	5322	1102	123	1407
Boyle, Francis D., Toledo, Ohio. Pad for upholstered furniture.....	813,616	Feb. 27	4196	921	120	2547
Boyle, George E. (See Swanson and Boyle.)						
Boyle, James M., assignor of one-half to F. W. Roller, New York, N. Y. Making hollow objects, conduits, &c.....	830,204	Sept. 4	621	125	124	158
Boyle, James W., Unity Station, Pa. Regulator or governor.....	818,864	Apr. 24	4640	996-7	121	2535
Boyle, Johanna M., New York, N. Y. Hat-fastener.....	829,835	Aug. 28	4403	929	123	2875
Boyle, John, Peabody, Mass. Igniter for explosive-engines.....	827,904	Aug. 7	406	87	123	1771
Boyle, Robert S., Fort Branch, and W. G. Cleveland, Cynthia, Ind. Ball-bearing electric trolley-wheel.....	821,400	May 22	4866	1032	122	1261
Boyle, William D., <i>et al.</i> (See Gabrielson, William, assignor.)						
Boyles, Victor G., assignor of one-half to S. M. Closson, Logansport, Ind. Burial-vault.....	833,502	Oct. 16	3023	641	124	2036
Boynton, Francis W., Auckland, New Zealand. Cardboard box.....	814,264	Mar. 6	516	107	121	111
Boynton, Francis W., Auckland, New Zealand. Cardboard box.....	829,567	Aug. 28	3846	816	123	2739
Boynton, George H., Pittsfield, Mass. Means for cleaning the driving-belts of machinery.....	822,503	June 5	531	109	122	1842
Bozard, Harrison B., Allegany, N. Y. Grain-distributor.....	836,664	Nov. 27	3512	750	125	997
Bozen, Samuel, assignor to J. B. Smith, Sterling, Ill. Wedge-cutting machine.....	839,716	Dec. 25	4858	1038	125	2682
Bazzalla, Hermenegildo, Torino, Italy. Suspension cableway system.....	830,491	Sept. 11	1203	251-2	124	326
Braaten, Ole O., and H. T. Disrud, Barsness, Minn. Beater-clearer for threshing-machines.....	831,769	Sept. 25	3769	790	124	1047
Brabant, Charles C., and W. C. Beaufore, Alpena, Mich. Wheel-hub.....	809,666	Jan. 9	2142	444	120	501
Brabson, Frank. (See Strack, John, assignor.)						
Bracco, Guglielmo, Sr., Turin, Italy. Pelvic belt or band.....	819,975	May 8	1915	424	122	487
Brace, George B., Santa Ana, Cal. Gate.....	816,843	Apr. 3	585	122	121	1488
Bracken, William C., Gallitzin, Pa. Boiler-tubing.....	813,768	Feb. 27	4473	988	120	2606
Brackett, Don O., Forest City, N. C. Tire-shrinking machine.....	815,900	Mar. 20	3896	824	121	954
Bradburn, Frederick C., Rochester, N. Y. Daylight developer for photographs.....	837,541	Dec. 4	514	119	125	1484
Bradbury, Charles H., Boston, Mass. Ice-cream scraper.....	830,763	Sept. 11	1780	367	124	479
Bradbury, George W., Walla Walla, Wash. Grain-separator.....	826,988	July 24	4659	970-1	123	1228
Bradford, Charles K., Lynnfield, assignor of one-half to C. W. and G. W. Bradford, Boston, Mass. Platen for type-writers.....	837,279	Dec. 4	18	7	125	1359
Bradford, Charles W., <i>et al.</i> (See Bradford, Charles K., assignor.)						
Bradford, Chester, Indianapolis, Ind. Means for attaching and driving elevators.....	824,840	July 3	331	61	123	92
Bradford, Chester, Indianapolis, Ind. Elevator and weigher.....	837,381	Dec. 4	210	51	125	1408
Bradford Dyers' Association. (See Krais, Paul, assignor.)						
Bradford, Edward S., Jr. (See Napier, Charles, assignor.)						
Bradford, Fred W. R., Melrose, Mass. Bottle-wrapper.....	811,689	Feb. 6	299	67	120	1552
Bradford, George W., <i>et al.</i> (See Bradford, Charles K., assignor.)						
Bradford, McDuffie, Nocona, Tex. Syrup-pitcher.....	823,663	June 19	2899	613	122	2468
Bradham, Caleb D., Newbern, N. C. Shipping-tag.....	812,633	Feb. 13	2246	488	120	2022
Bradish, John Q., <i>et al.</i> (See Dodge, Jasper L., assignor.)						
Bradish, Leola F., <i>et al.</i> (See Dodge, Jasper L., assignor.)						
Bradish, Stanley P., <i>et al.</i> (See Dodge, Jasper L., assignor.)						
Bradley, Bernard F. (See Bradley, Edward F., assignor.)						
Bradley, Bernard F., New York, N. Y. Brake for vehicles.....	836,085	Nov. 20	2323	491	125	677
Bradley, Byron C., Bradley, assignor to David Bradley Manufacturing Company, Chicago, Ill. Hay-press.....	827,956	Aug. 7	526	108-9	123	1803
Bradley, Byron C., Bradley, assignor to David Bradley Manufacturing Company, Chicago, Ill. Follower-block.....	827,957	Aug. 7	531	109	123	1804

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bradley, Charles A. (See Grönvald, Andreas, assignor.)						
Bradley, Charles S., New York, N. Y. Reduction of iron, &c., from their ores	829,907	Aug. 28	4546		123	2909
Bradley, Christopher C. (See Kohlbrenner, Peter, assignor.)						
Bradley, Christopher C., Syracuse, N. Y. Thill-coupling	838,767	Dec. 18	2951	636	125	2171
Bradley, Edward F., Tuftell Park, London, England, assignor to B. F. Bradley, New York N. Y. Brake for vehicles	836,084	Nov. 20	2316	491	125	675
Bradley, Felix M., Blacksher, Ala. Cotton-blocker	816,638	Apr. 3	194	45-6	121	1403
Bradley, Frank L., Cincinnati, Ohio. Combined dresser, chair, and trunk	811,475	Jan. 30	5769	1208	120	1410
Bradley, Henry L., New Haven, Conn. Wire bracket-frame	832,234	Oct. 2	447	83	124	1321
Bradley & Hubbard Mfg. Co. (See Penfield, William A., assignor.)						
Bradley, John H. (See Wiggs, Jonathan N., assignor.)						
Bradley, Lawrence L., et al. (See Hall, Robert J., assignor.)						
Bradley, Lynde, assignor of one-half to S. Allen, Milwaukee, Wis. Resistance device for electric-current controllers	815,317	Mar. 13	2648	554	121	635
Bradley, Lynde, assignor to Compression Rheostat Company, Milwaukee, Wis. Electric-current controller	821,697	May 29	5450	1161-2	122	1443
Bradley, Royal H., assignor to Kelsey Heating Company, Syracuse, N. Y. Heater	828,874	Aug. 21	2368	503	123	2320
Bradley, Sara L., et al. (See Bradley, William H., assignor.)						
Bradley, Sylvester, Peoria, Ill. Means for loading and unloading grain	825,106	July 3	827	172	123	220
Bradley, W. O. (See Tubbs, Nelson J., assignor.)						
Bradley, Walter M., New Haven, Conn. Blowpipe	810,257	Jan. 16	3333	692	120	810
Bradley, William A., Chesterton, Ind. Folding chair	815,507	Mar. 20	3068	639	121	776
Bradley, William C., et al. (See Bradley, William H., assignor.)						
Bradley, William C., Woonsocket, R. I., assignor to Curtis & Marble Machine Company, Worcester, Mass. Lappet-shearing machinery	815,938	Mar. 27	3962	839-40	121	1020
Bradley, William H., assignor of six-eighths to A. Gilliland, W. C. Bradley, Bellevue, Pa., M. E. Webster, Chicago, Ill., and S. L. Bradley, St. Louis, Mo. Gas-producer	838,946	Dec. 18	3274	708	125	2247
Bradley, William W. (See Wirth and Bradley.)						
Bradner, Harry E., Lansing, Mich. Vehicle-body	814,823	Mar. 13	1665	348	121	423
Bradner, Harry E., Lansing, Mich. Vehicle-body	814,824	Mar. 13	1666	348	121	423
Bradshaw, Charles T., Philadelphia, Pa. Telephone-call meter	822,719	June 5	989	201-2	122	1946
Bradshaw, Charles T., and O. M. Thomson, assignors to Attracto Company, Philadelphia, Pa. Amusement or advertising device	834,707	Oct. 30	5637	1195	124	2774
Bradshaw, Featherston. (See Whitehurst and Bradshaw.)						
Bradshaw, Harry, assignor of one-half to W. D. House, Kansas City, Mo. Paper-feeding machine	810,391	Jan. 23	3651	751-3	120	915
Bradshaw, Harry, assignor of one-half to W. D. House, Kansas City, Mo. Sheet-registering machine	810,392	Jan. 23	3661	753-4	120	917
Bradshaw, Irvin J., and B. B. Downard, Milwaukee, Wis. Glove	838,518	Dec. 18	2483	539	125	2057
Bradshaw, Richard A., Anna, Tex. Wire-stretcher	838,680	Dec. 18	2801	601	125	2135
Bradshaw, Robert Y., Chicago, Ill. Receptacle	814,265	Mar. 6	517	107	121	111
Bradshaw, William. (See Hefty, Birger, assignor.)						
Bradshaw, William M., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bearing for measuring instruments	822,425	June 5	376	78	122	1807
Bradshaw, William S., San Jose, Cal. Baling-press brake	810,102	Jan. 16	3007	626-7	120	746
Bradshaw, William S., San Jose, Cal. Hoisting apparatus	833,994	Oct. 23	4169	885	124	2357
Bradshaw, William T., Oakland, C. H. Townsend and O. F. Erickson, Berkeley, Cal. Illuminated sign	836,915	Nov. 27	4049	865	125	1133
Bradstreet, George P. (See Blackman, John J., assignor.)						
Bradt, Chauncey D., Troy, N. Y. Hygrometer	833,154	Oct. 16	2281	479	124	1852
Bradway, Chaitin, Schenectady, N. Y., assignor to General Electric Company. Nozzle for elastic-fluid turbines	814,426	Mar. 6	878	180	121	191
Brady, Francis W., Englewood, N. J. Internal-combustion engine	835,773	Nov. 13	1755	374	125	484
Brady, Frank J., Chocanut, Pa. Antikicking attachment	810,520	Jan. 23	3927	808	120	979
Brady, Frank J., Chocanut, Pa. Wire-coupling device	828,182	Aug. 7	976	202	123	1910
Brady, Patrick J. (See Cordery and Brady.)						
Brady, Patrick V., New York, N. Y. Umbrella-rib and stretcher connection therefor	831,823	Sept. 25	3873	811	124	1072
Braga, Antonio R. D., São Paulo, Brazil. Manufacturing food products	829,253	Aug. 21	3168		123	2525
Braga, Antonio R. D., São Paulo, Brazil. Manufacturing food products	829,254	Aug. 21	3169		123	2525
Brager, Gull O., Osage, Iowa. Sad-iron	831,410	Sept. 18	3020	642	124	814
Bragg, Arthur, assignor to Whirl Pleasure Railroad Company, Brooklyn, N. Y. Pleasure-railway	838,074	Dec. 11	1603	345	125	1797
Bragg, Austin, Waterville, Me. Power-hammer	810,905	Jan. 30	4676	975	120	1174
Bragg, Charles N., et al. (See Fageol, Rollie B., assignor.)						
Bragg, Frederick A., Springfield, Mass. Bayonet-sabbard	831,770	Sept. 25	3770	790	124	1048
Bragg, Frederick A., Springfield, Mass. Scabbard	831,771	Sept. 25	3771	790	124	1048
Bragg, George J., Newark, N. J. Centrifugal liquid-separator	817,465	Apr. 10	1836	335	121	1820
Bragg, Henry T., Yonkers, N. Y. Tire	835,808	Nov. 13	1837	387	125	508
Braggins, John E., Los Angeles, Cal. Picture-frame jointer	817,466	Apr. 10	1839	385	121	1820
Bragstad, Joseph W., Huron, S. D. Clutch mechanism for display devices	824,062	June 19	3644	776	122	2628
Braham, Harry L., Cincinnati, Ohio. Cake-mixer	832,235	Oct. 2	448	83	124	1321
Brahm, Jakob. (See Strait, Brahm, and Strait.)						
Brahs, Frank, et al. (See Beck, William, assignor.)						
Brahs, William, et al. (See Beck, William, assignor.)						
Brainard, Sidney W., assignor to Cleveland Pneumatic Tool Company, Cleveland, Ohio. Valve for fluid-pressure motors	831,824	Sept. 25	3875	812	124	1073
Brainard, William S., West Bridgewater, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Rough-rounding and channeling machine	808,628	Jan. 2	16	4	120	6
Braine, Bancroft G., New York, N. Y., assignor, by mesne assignments, to Rail Joint Company. Electrically-conductive rail-joint and bond therefor	812,781	Feb. 13	2513	553	120	2076
Braine, Bancroft G., New York, N. Y., assignor, by mesne assignments to Rail Joint Company. Insulated rail-joint	813,998	Feb. 27	4936	1092	120	2703
Brais, Frederick, and S. Nadeau, Cleveland, Ohio. Scriber	822,916	June 12	1372	285	122	2075
Braithwaite, Charles C. (See Dales and Braithwaite.)						
Braithwaite, Wilfred, Middlefield, Conn. Gun-sight	810,258	Jan. 16	3334	692	120	810
Braly, Walter M., Blackwell, Okla. Ter. Machine for calculating interest and percentage	818,222	Apr. 17	3340	716-17	121	2201
Braman, Charles F., et al. (See Allen, Clinton M., assignor.)						
Bramhall, Albert F., Manchester, England. Clamp	835,809	Nov. 13	1838	388	125	508
Brammer, Henry, St. Louis, Mo. Mechanical movement	814,185	Mar. 6	355	72	121	77
Brammer, Henry, St. Louis, Mo. Machine for making tubs	815,139	Mar. 13	2287	478	121	555
Brammer, Henry, St. Louis, Mo. Mechanical movement	819,333	May 1	611	129	122	140
Brammer, James, St. Louis, Mo. Support for pistons	820,695	May 15	3365	721	122	867
Bramwell, James C. (See Holritz, Edward A., assignor.)						
Bran, Friedrich. (See Haber, Van Oordt, and Bran.)						
Branch, Joseph G., St. Louis, Mo. Washing and disinfecting apparatus	827,610	July 31	6036	1255	123	1581
Branch, Michael, Richmond, Va. Parallel square	826,759	July 24	4234	880	123	1124

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Branch, William, Abingdon, Ill. Corn-crib.....	837,786	Dec. 4	1012	225	125	1605
Brand, Emil. (See Keeney, Charles H., assignor.) (Reissue.)						
Brand, Fritz, Berlin, Germany. Emergency electric-lighting arrangement for theaters and similar buildings.....	809,904	Jan. 9	2570	532	120	597
Brand, George P., New York, N. Y. Pneumatic valve and seat.....	823,842	June 19	3229	683	122	2339
Brand, George P., New York, N. Y. Air tension-motor.....	835,774	Nov. 13	1757	374-5	125	485
Brand, George P., New York, N. Y. Primary pneumatic valve.....	835,775	Nov. 13	1761	375	125	486
Brand, George P., New York, N. Y. Tracker-bar for pneumatic players for musical instruments.....	835,776	Nov. 13	1764	376	125	487
Brand, George P., New York, N. Y. Means for automatically controlling pneumatically-actuated devices.....	835,777	Nov. 13	1765	376	125	487
Brand, George P., New York, N. Y. Pneumatic valve-seat.....	835,778	Nov. 13	1768	377	125	488
Brand, George P., San Francisco, Cal. Mechanical musical instrument.....	833,995	Oct. 23	4172	885-6	124	2358
Brandell, Edward J., Buffalo, N. Y. Advertising device.....	826,363	Nov. 20	2302	615	125	816
Brandell, Claus O., Chicago, Ill. Machine for making concrete blocks.....	825,107	July 3	829	172-3	123	220
Brandenberger, Harry, Baltimore, Md. Show-window and show-case.....	823,203	June 12	1974	411	122	2208
Brandes, Herman H., Corydon, Ky. Heater.....	817,900	Apr. 17	2706	587	121	2063
Brandes, Herman H., Corydon, Ky. Shoe-brushing device.....	825,512	July 10	1707	358	123	459
Brandhuber, George F., Pierre, S. D. Engine-starter.....	836,559	Nov. 20	3293	702	125	911
Brandie, Henry. (See Smith, John, assignor.)						
Brandon, George R., Chicago, assignor to Whiting Foundry Equipment Company, Harvey, Ill. Traveling crane.....	832,119	Oct. 2	193	39-40	124	1261
Brandon, William H., Kokomo, Ind. Vaginal syringe.....	835,496	Nov. 13	1237	266	125	357
Brandstedt, Paul F., assignor to American Standard Fire-Proofing Co., Washington, D. C. Fireproof window and casing.....	817,138	Apr. 3	1156	239-40	121	1616
Brandstetter, Georg, Gratz, and R. Freund, Vienna, Austria-Hungary. Apparatus for automatically feeding boilers.....	817,037	Apr. 3	978	200	121	1576
Brandt, Anthony. (See Weber, Arnold W., assignor.)						
Brandt, Bernard L., Detroit, Mich. Suspenders.....	839,544	Dec. 25	4502	959-60	125	2596
Brandt Cashier Company. (See Brandt, Edward J., assignor.)						
Brandt, Charles. (See Brandt, George F., assignor.)						
Brandt, Charles F., New Castle, Pa. Lacing catch or hook.....	833,915	Oct. 23	3900	827	124	2296
Brandt, Edward J., Watertown, Wis., assignor to Brandt Cashier Company, Chicago, Ill. Coin-tray.....	811,197	Jan. 30	5267	1102	120	1303
Brandt, Edward J., Watertown, Wis., assignor to Brandt Cashier Company, Chicago, Ill. Pencil-holder.....	814,670	Mar. 13	1354	282	121	354
Brandt, Edward J., Watertown, Wis., assignor to Brandt Cashier Company, Chicago, Ill. Push device.....	824,841	July 3	334	62	123	92
Brandt, Edward J., Watertown, Wis., assignor to Brandt Cashier Company, Chicago, Ill. Coin-holder.....	824,842	July 3	335	62	123	93
Brandt, Edward J., Watertown, Wis., assignor to Brandt Cashier Company, Chicago, Ill. Key-holder.....	825,184	July 3	985	207	123	257
Brandt, Edward J., Watertown, Wis., assignor to Brandt Cashier Company, Chicago, Ill. Printing device.....	837,280	Dec. 4	19	7	125	1359
Brandt, George F., assignor of one-half to C. Brandt, Boston, Mass. Fountain-pen.....	828,920	Aug. 21	2465	523	123	2345
Brandt, Heinrich O., Manchester, England. Hydraulic apparatus for opening and shutting bulkhead-doors.....	817,691	Apr. 10	2238	480-1	121	1904
Branin, Mark H., Newark, N. J., assignor to General Electric Company. Stem-making machine.....	833,196	Oct. 16	2378	498	124	1877
Bransfield, Michael T., Chicago, Ill. Pacing device for horses.....	823,504	June 19	2582	544	122	2398
Bransgrove, Charles, Monroe, Mich. Cord tension-alarm.....	811,367	Jan. 30	5588	1167	120	1373
Branson, Tighman E., assignor of two-thirds to H. Hatfield and W. S. Foster, Belle-plaine, Kans. Pneumatic lifting means for grain-doors.....	811,690	Feb. 6	301	67	120	1552
Branson, Tighman E., assignor of two-thirds to H. Hatfield and W. S. Foster, Belle Plaine, Kans. Grain-door for cars.....	833,503	Oct. 16	3024	642	124	2036
Brant, Alva, assignor of one-half to T. A. Williams, Richmond, Ind. Fence-clamp.....	833,821	Oct. 23	3673	784	124	2238
Brantingham, Allen C., Toledo, Ohio. Gyratory sifter.....	817,901	Apr. 17	2707	587	121	2063
Brantingham, Allen C., Toledo, Ohio. Gyratory sifter.....	818,607	Apr. 24	4122	886	121	2421
Brantner, James A., Tacoma, Wash. Hand disk plow.....	831,531	Sept. 25	3275	690	124	914
Braschi, Victor M. (See Orr, Herbert P., assignor.)						
Braschi, Victor M., Mexico, Mexico. Apparatus for producing and preparing certain articles of food.....	826,469	July 17	3582	747	123	937
Braschi, Victor M., Mexico, Mexico. Flexible baking-tray.....	826,470	July 17	3584	747	123	937
Braserton, John, Danville, Ill. Ventilating-roof.....	831,411	Sept. 18	3022	642	124	814
Brash, Orin. (See Brash, Walter M. and O.)						
Brash, Walter M. and O., Loami, Ill. Gate.....	825,185	July 3	986	207	123	258
Brashears, John W., Winthrop Heights, D. C. File-box and support therefor.....	826,760	July 24	4235	880-1	123	1125
Brasier, Henri C., Ivry-Port, France. Driving-gear of motor-boats.....	833,769	Oct. 23	3544	755	124	2207
Brasington, John M., assignor to T. E. and C. S. McCall, Jr., Bennettsville, S. C. Fertilizer-distributor.....	837,787	Dec. 4	1013	226	125	1605
Brasor, Frederick S., <i>et al.</i> (See Pilcher, Frank A., assignor.)						
Brasor, Frederick S., assignor of two-thirds to F. A. Pilcher and S. S. Porter, Marietta, Ohio. Musical instrument.....	829,383	Aug. 28	3437	723	123	2636
Brass Goods Manufacturing Company. (See Jessup, James J., assignor.)						
Brasseur, Ernest J., assignor to A. B. Dick Company, Chicago, Ill. Envelop-sealing apparatus.....	822,572	June 5	680	138-9	122	1877
Bratschie, Amiel, New Castle, Pa. Dirigible air-ship.....	816 706	Apr. 3	316	73	121	1430
Brauburger, Ernst, Steglitz, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Roller-blind for photographic cameras.....	833,916	Oct. 23	3901	828	124	2296
Brauchli, Jacob, Hampton, Va. T and angle square.....	829,137	Aug. 21	2923	613	123	2465
Brauer, Otto M., Marshalltown, Iowa. Acetylene-gas generator.....	816,775	Apr. 3	442	100	121	1455
Brauer, Otto M., Marshalltown, Iowa. Acetylene-gas generator.....	816,776	Apr. 3	445	100-1	121	1456
Brauer, Otto M., Marshalltown, Iowa. Carbide-feeder.....	821,332	May 22	4707	1002-3	122	1224
Braun, Anton M., Arad, Austria-Hungary. Production of stove-polish.....	809,279	Jan. 9	1349		120	331
Braun, Charles G. (See Meyer and Braun.)						
Braun, Jacob J., New York, N. Y., assignor to E. D. Belknap. Machine for addressing envelopes and the like.....	823,988	June 19	3511	750-1	122	2600
Braun, John M., <i>et al.</i> (See Crowson, William L., assignor.)						
Braun, Joseph E., <i>et al.</i> (See Crowson, William L., assignor.)						
Braun Manufacturing Company. (See Shrum, Peter J., assignor.)						
Braun, Roman, <i>et al.</i> (See Crowson, William L., assignor.)						
Bräunlein, Georg, Nuremberg, Germany. Process and apparatus for making metal-coated paper strips.....	818,144	Apr. 17	3187	685-6	121	2168
Brauns, August, Green Bay, Wis. Rubber eraser.....	814,899	Mar. 13	1789	374	121	418
Braunsdorf, Henry R. (See Mueller and Braunsdorf.)						
Braunstein, Aron and A. Ratiner, New York, N. Y. Antiseptic shaving-brush.....	829,364	Aug. 21	3391	715	123	2579

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Pages.
Braunstein, Jacques, Berlin, Germany. Gas-lamp.	835,053	Nov. 6	362	73-4	125	96
Brawley, Robert V., Statesville, N. C. Grate.	834,255	Oct. 30	4760	1007	124	2551
Brawner, Harry O., Baltimore, Md. Bottle-stopper.	817,038	Apr. 3	980	201	121	1577
Braxton, Daniel, assignor of one-third to C. J. Dobler, Baltimore, Md. Wrench.	812,008	Feb. 6	971	212	120	1687
Bray, Albert, assignor to Spotless Steam Sponger Company, Cleveland, Ohio. Cloth-shrinking device.	837,281	Dec. 4	21	7-8	125	1359
Bray, Charles W., assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Roll-removing device.	808,719	Jan. 2	196	42	120	45
Bray, Charles W., Pittsburg, Pa., assignor to American Tin Plate Company, Orange, N. J. Rolling plates and sheets.	825,634	July 10	1998	416-17	123	533
Bray, Oscar E., Warsaw, N. Y. Distributing-nozzle for pneumatic conveyer-pipes.	816,897	Apr. 3	695	143	121	1513
Braymer, Albert E. (See Oakes, William W., assignor.)						
Braymer, Forrest V., Blooming Valley, Pa. Bread and pastry board.	830,764	Sept. 11	1781	367	124	479
Brayshaw, Shipley N., Hulme, Manchester, England, assignor to G. Nash, New York, N. Y. Melt or bath for hardening steel.	812,178	Feb. 13	1348		120	1832
Brayshaw, Shipley N., Hulme, Manchester, England, assignor to G. Nash, New York, N. Y. Hardening steel.	838,375	Dec. 11	2203		125	1945
Brazeal, Joseph E., Birmingham, Ala. Chute for unloading railway-cars.	812,009	Feb. 6	972	212	120	1687
Brazier, James D., and D. O. Sullivan, Vicksburg, assignors, by mesne assignments, of one-half to B. Siani, Rolling Fork, Miss. Grabot-machine.	810,707	Jan. 23	4272	886	120	1055
Braznell, John J., St. Louis, Mo. Folding bed.	822,243	June 5	24	5	122	1734
Braznell, John J., St. Louis, Mo. Device for cleaning and refilling dipping-tanks.	824,973	July 3	598	120	123	158
Breckenridge, Robert S., Latrobe, assignor of one-half to C. W. Dickinson, Pittsburg, Pa. Overalls.	829,944	Sept. 4	12	3	124	4
Breckheimer, Peter E., Elkhart Lake, Wis. Neck-yoke.	833,822	Oct. 23	3675	784	124	2239
Breckon, Joseph A., assignor of one-fourth to J. Cartan, Toronto, Canada. Fire-escape.	815,401	Mar. 20	2881	599	121	734
Bredel, Jacob, Höchst-on-the-Main, Germany. Manufacture of quartz-glass from quartz-sand, &c.	816,707	Apr. 3	318		121	1430
Bredel, Jacob, Höchst-on-the-Main, Germany. Manufacture of articles from quartz-glass.	816,708	Apr. 3	318		121	1431
Bredenberg, Alfred, Champlain, N. Y., assignor to Sheridan Iron Works and T. W. & C. B. Sheridan Company. Paper-cutting machine.	819,718	May 8	1352	292-3	122	364
Bredenberg, Alfred, Champlain, N. Y., assignor to Sheridan Iron Works and T. W. & C. B. Sheridan Company. Embossing-press.	821,079	May 22	4218	897	122	1117
Bredenberg, Alfred, Champlain, N. Y., assignor to Sheridan Iron Works and T. W. & C. B. Sheridan Company. Book-trimmer.	821,080	May 22	4220	897-8	122	1118
Breed, De Witt C., assignor of two-thirds to E. J. Taylor and M. K. Doty, Lockport, N. Y. Bottle.	828,707	Aug. 14	2032	429	123	2204
Breed-Johnson Furniture Company. (See Peterson, John A., assignor.)						
Breeden, Howard H. (See Breeden, William S. and H. H.)						
Breeden, William S. and H. H., Bradford, Pa. Device for making and finishing bottle-necks.	830,408	Sept. 4	1028	215	124	254
Breen, Charles R., New York, N. Y. Horn.	829,836	Aug. 28	4404	929	123	2875
Breen, Charles R., New York, N. Y. Sound-modifier.	838,297	Dec. 11	2059	444	125	1908
Breen, Cornelius M., New York, N. Y. Guard for vent-pipes.	809,667	Jan. 9	2144	444	120	501
Breese, Charles P., Norfolk, Va., assignor to Hall Signal Company. Railway signaling system.	827,054	July 24	4794	1000	123	1260
Breeze, Frank A., Philadelphia, Pa. Roller-stand.	814,900	Mar. 13	1790	374	121	448
Breeze, Frank A., Forest Mills, Canada. Spinning and like machine.	821,013	May 22	4081	869	122	1087
Brehm, Richard, Sheboygan, Wis. Cattle-stanchion.	821,153	May 22	4364	928	122	1151
Brehmer, Philip H., Rutland, Vt. Ticket-box for theaters.	833,575	Oct. 16	3170	673	124	2072
Breitenstein, Julius G., assignor to Independent Button and Machine Company, Chicago, Ill. Press for button-making and like purposes.	836,916	Nov. 27	4050	866	125	1133
Brekke, Lewis O., Minneapolis, Minn. Footboard for iron bedsteads.	815,258	Mar. 13	2522	525	121	609
Brelsford, John E., and J. W. Lutz, Dayton, Ohio. Lightning-arrester.	829,055	Aug. 21	2736	574	123	2414
Bremberg, Axel, Glasgow, Scotland. Gun-mounting.	828,811	Aug. 14	2229	474-5	123	2255
Bremer, Herman H., Chicago, Ill. Telescopic pole.	838,519	Dec. 18	2485	539	125	2057
Bremer, René M. V., Schaarbeek-Brussels, Belgium. Indicating-target.	812,400	Feb. 13	1794	392	120	1931
Bremer, William, assignor to Harris & Cole Brothers, Cedar Falls, Iowa. Ironing-board.	824,091	June 26	3693	787	122	2696
Brendel, Frank E., assignor to J. W. Strobel and H. W. Brown, Baltimore, Md. Bottle-tool.	833,823	Oct. 23	3676	784	124	2239
Brennan, Dennis J., Shenandoah, Pa. Jointed rule.	812,010	Feb. 6	974	213	120	1687
Brennan, Desire A., Ansonia, assignor to Birmingham Iron Foundry, Derby, Conn. Safety device for machinery.	828,454	Aug. 14	1538	324-5	123	2079
Brennan, Edward J., et al. (See Barry, James, assignor.)						
Brennan, James M. (See Twitchell, Charles R., assignor.)						
Brennan, James P., Columbus, Wis. Potato-harvester.	829,384	Aug. 28	3438	723	123	2636
Brennan, John J., assignor of one-half to T. J. Hines, Louisville, Ky. Still.	822,573	June 5	684	139	122	1878
Brennan, John J., assignor of one-half to T. J. Hines, Louisville, Ky. Apparatus for distillation.	822,574	June 5	685	139	122	1879
Brennan, John P., Lawrence, Mass. Expansive pulley.	809,169	Jan. 2	1075	224	120	236
Brennan, Martin J., Dayton, Ohio. Leaf-turner.	816,068	Mar. 27	4242	898	121	1082
Brennan, Patrick H., Syracuse, N. Y. Carbureter.	821,081	May 22	4224	898	122	1118
Brennan, Thomas, Jr., St. Louis Park, Minn. Lid-closing device for boxes.	829,385	Aug. 28	3441	724	123	2637
Brennan, Thomas, Jr., Minneapolis, Minn., assignor to Monitor Drill Co. Scraper for drill-disks.	828,183	Aug. 7	977	202	123	1910
Brennan, Thomas L., Deward, Mich. Railway-frog.	809,487	Jan. 9	1787	369	120	426
Brennan, William J., et al. (See MacMillan, Clyde, assignor.)						
Brent, John T., Jr., Cold Spring, N. Y. Adjustable seat and desk.	816,292	Mar. 27	4671	991-2	121	1175
Brent, John T., 2d, assignor to Sectional Weight Company, Cold Spring, N. Y. Sectional weight.	826,706	July 24	4132	858	123	1097
Brent, John T., 2d, assignor to Sectional Weight Company, Cold Spring, N. Y. Weight.	826,707	July 24	4134	858	123	1098
Brent, Richard N., Delequa, Colo. Washing-machine.	830,876	Sept. 11	1975	415	124	529
Brentano, Simon. (See Erlinger, Xaver, assignor.)						
Brenton, Wiley, Carlisle, Ind. Threshing-machine.	812,719	Feb. 13	2405	527	120	2053
Brenzinger, Julius, assignor to Max Ams Machine Co., New York, N. Y. Can-heading machine.	813,482	Feb. 27	3930	862	120	2488
Brenzinger, Julius, assignor to Max Ams Machine Company, New York, N. Y. Can-flanging machine.	814,639	Mar. 6	1267	266-7	121	274
Brenzinger, Julius, assignor to Max Ams Machine Company, New York, N. Y. Machine for making can-bodies.	815,791	Mar. 20	3666	771-2	121	904
Brenzinger, Julius, assignor to Max Ams Machine Company, New York, N. Y. Machine for lining can-covers.	817,154	Apr. 10	1196	248-9	121	1685

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Brenzinger, Julius, assignor to Max Ams Machine Company, New York, N. Y. Machine for lining can-covers.	822,342	June 5	230	47-8	122	1776
Brenzinger, Julius, assignor to Max Ams Machine Co., Mount Vernon, N. Y. Cap-flanging machine.	816,001	Mar. 27	4093	865	121	1050
Brenzinger, Julius, assignor to Max Ams Machine Company, Mount Vernon, N. Y. Can-heading machine.	819,264	May 1	458	96	122	106
Brenzinger, Julius, Mount Vernon, N. Y., assignor to Sanitary Can Machinery Company, Ellsworth, Me. Can-heading machine.	821,605	May 29	5263	1122	122	1403
Brenzinger, Julius, Mount Vernon, N. Y., assignor to Sanitary Can Machinery Company, Ellsworth, Me. Can-heading machine.	823,254	June 12	2095	436	122	2235
Brenzinger, Julius, Mount Vernon, N. Y., assignor to Sanitary Can Machinery Company, Ellsworth, Me. Machine for lining covers for cans and jars.	827,414	July 31	5602	1158-9	123	1475
Brenzinger, Julius, Mount Vernon, N. Y., assignor to Sanitary Can Machinery Company, Ellsworth, Me. Can-heading machine.	836,735	Nov. 27	3688	787	125	1043
Bresnahan, Maurice V. (See Heys, John J., assignor.)						
Bressler, John T. Shepardsdown, Pa. Trace connection.	830,877	Sept. 11	1978	416	124	530
Bressmer, Fred A., Decatur, Ill. Plow.	837,258	Nov. 27	4726	1001	125	1298
Bretsher, Rudolph C., Wilkinsburg, Pa. Folding umbrella.	839,717	Dec. 25	4859	1038	125	2683
Brett, Charles N., Vassar, Mich. Heating-furnace.	815,140	Mar. 13	2290	478-9	121	555
Brett, Edward S., Coventry, England. Drop-hammer.	811,368	Jan. 30	5590	1167-8	120	1373
Brett, Henry W., Dorchester, Mass. Edge-finishing machine.	830,563	Sept. 11	1358	282	124	365
Brett, William F., Decatur, Ill. Windmill.	827,611	July 31	6039	1256	123	1582
Bretzfelder, Israel E., and R. K. Thumler, New York, N. Y. Regulating-hinge for piano swinging frames.	809,043	Jan. 2	827	177	120	182
Breuchaud, Jules, Yonkers, N. Y. Tunnel and means for constructing the same.	832,120	Oct. 2	195	40-1	124	1261
Breul, Clemens, Grafrath, Germany. Writing-pen leadlet.	825,296	July 10	1211	255	123	334
Breul, Richard A., Bridgeport, Conn. Square.	828,375	Aug. 14	1379	291	123	2037
Brevoort, Virgil E. (See Hills and Brevoort.)						
Brew, John P., and E. P. Suiter, Basin, Mont. Revolving drum-screen.	816,426	Mar. 27	4983	1058	121	1239
Brew, William H., et al. (See Tayman, Franklin S., assignor.)						
Brewer, Charles A., Noroton Heights, Conn. Buckle.	824,276	June 26	4043	866	122	2773
Brewer, Edgar P., Spokane, Wash. Automobile.	821,154	May 22	4365	928	122	1151
Brewer, Everett C., assignor of one-half to W. H. Nolker, St. Louis, Mo. Telephone-transmitter.	825,635	July 10	1999	417	123	534
Brewer, Gipp M. (See Black and Brewer.)						
Brewer, Horatio J., New York, N. Y. Battery-zinc.	814,825	Mar. 13	1667	348-9	121	423
Brewer, William E. (See White and Wilcox, assignors.)						
Brewer, William R. (See Hicks, Linus A., assignor.)						
Brewer, William T., assignor of one-half to J. D. MacTaggart, Syracuse, N. Y. Instrument for computing fractions.	819,689	May 1	1288	281	122	289
Brewington, Henry S., Baltimore, Md. Bottle-closure.	823,026	June 12	1600	331	122	2126
Brewington, Henry S., Baltimore, Md. Bottle-closure.	823,027	June 12	1601	331	122	2126
Brewster, Frederick H., Auburn, N. Y. Machine for blacking shoes.	811,030	Jan. 30	4928	1028	120	1231
Brewster, Morris B. (See Platt and Landon, assignors.)						
Brewster, Morris B., Columbus, Ohio. Elevator and conveyer.	812,478	Feb. 13	1927	424	120	1959
Brewster, Robert, Chicago, Ill. Artificial tooth.	832,587	Oct. 9	1146	229	124	1530
Brewster, Walter F. (See North, Smith, and Brewster.)						
Brewster, William A., Edmonton, Canada. Rotary grain-separator.	828,529	Aug. 14	1690	356	123	2117
Brewster, Zeno C., Oxford, N. Y. Pressure-regulated air-valve.	833,368	Oct. 16	2728	575	124	1968
Brewton, Joseph L., Mill, La. Vehicle-brake.	810,612	Jan. 23	4114	849	120	1019
Brian, Thomas C. (See Martin, James V., assignor.)						
Brian, William S. (See Tucker, Junius E., assignor.)						
Brian, William S. (See White, Phylander C., assignor.)						
Brickell, Harry S., Pittsburg, Pa. Safety device for doors and locks.	820,696	May 15	3366	721	122	867
Brickett, Frank E., Haverhill, assignor, by mesne assignments, to J. G. Redshaw and J. McBrien, Lynn, Mass. Device for applying adhesives.	830,049	Sept. 4	278	56	124	68
Brickford, Frank E. (See Pierce, Robert, assignor.)						
Brickley, John. (See Gable and Brickley.)						
Bridge, James H., Philadelphia, Pa. Electrically treating air or other gases.	832,767	Oct. 9	1507	304	124	1617
Bridge, James H., Philadelphia, Pa. Electrifier for treating air or other gases.	832,768	Oct. 9	1510	304	124	1617
Bridge, James H., New York, N. Y., and C. Ellis, assignors, by mesne assignments, of one-third to Sawyer, Foster, and Hardy, Boston, Mass. Making hydrated oxid of lead.	811,552	Feb. 6	28		120	1491
Bridge, James W. (See Moore and Bridge.)						
Bridge, John W., Methuen, assignor to Arlington Mills, Lawrence, Mass. Stop mechanism for looms.	824,335	June 26	4150	888-9	122	2795
Bridgeport Brass Company. (See Stapley, William S., assignor.)						
Bridgeport Hardware Manufacturing Company. (See Hobbs, Willis F., assignor.)						
Bridger, James, assignor to New Inverted Incandescent Gas Lamp Company, Limited, London, England. Inverted incandescent gas-burner.	816,427	Mar. 27	4985	1058	121	1239
Bridges, Charles W., Indianapolis, Ind. Cheese-cutter.	819,510	May 1	941	205-6	122	210
Bridges, John F., Alameda, Cal. Rotary engine.	828,997	Aug. 21	2612	551	123	2382
Bridges, Robert L. Z., and E. Z. Hatcher, Brinson, Ga. Car-standard.	832,588	Oct. 9	1146	229	124	1530
Bridges, Walter H. (See Woodman and Bridges.)						
Bried, Julien A., San Francisco, Cal. Panoramic camera.	812,163	Feb. 6	1289	282	120	1751
Briede, Otto, Benrath, Germany. Manufacture of nuts.	819,844	May 8	1619	345	122	426
Briede, Otto, Benrath, near Düsseldorf, Germany. Forging-machine.	822,878	June 5	1280	264	122	2006
Briede, Otto, Benrath, near Düsseldorf, Germany. Rolling-mill.	822,879	June 5	1284	265	122	2007
Briede, Otto, Benrath, near Düsseldorf, Germany. Rolling-mill for rolling seamless metal tubes.	822,880	June 5	1287	265	122	2008
Briede, Otto, Benrath, near Düsseldorf, Germany. Forging-machine. (Reissue.)	12,515	July 31	6252	1298	123	1642
Brien, Joseph A. (See Stevenson, John, assignor.)						
Brien, Roch, Notre Dame de Grace, Quebec, Canada. Smoke-consumer.	830,765	Sept. 11	1782	367-8	124	479
Brierley, Thomas, et al. (See Richardson, Abraham, assignor.)						
Brierley, Thomas, et al. (See Richardson and Jones, assignors.)						
Brierley, Thomas, assignor of one-half to H. Heap, Blackpool, England. Folding seat applicable for outdoor use, theaters, and other purposes.	820,344	May 8	2668	581-3	122	657
Briest, Joseph E. M., Levallois-Perret, France. Carbureter.	826,531	July 24	3776	782-3	123	1004
Briet, Maurice, Paris, France. Mechanical lubricator.	815,508	Mar. 20	3069	640	121	776
Briganti, Pasquale, New York, N. Y. Sterilizing and antiseptic case with stand for surgical instruments.	816,959	Apr. 3	830	170	121	1542
Briggs, Arthur J., assignor to Smith Premier Typewriter Company, Syracuse, N. Y. Type-writing machine.	813,345	Feb. 20	3643	799	120	2366
Briggs, Birdsall. (See Noble, Leonard B., assignor.)						
Briggs, E. E. (See Rickard, Clyde A., assignor.)						
Briggs, Francis W., Lewiston, Me. Extended ledger system.	815,259	Mar. 13	2523	526-30	121	609
Briggs, Frank J., Everett, Mass. Apparatus for feeding electrolytic cells.	814,583	Mar. 6	1163	243	121	252

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Briggs, Frederick E., Carbondale, Pa. Coal-gate for locomotive-tenders.....	835,779	Nov. 13	1770	377	125	488
Briggs, Herbert A., New York, N. Y. Type-writing machine.....	827,704	Aug. 7	18	4	123	1675
Briggs, James E., Waterloo, Iowa. Dumping-wagon.....	812,918	Feb. 20	2787	613	120	2182
Briggs, James E., Waterloo, Iowa. Tilting platform.....	823,914	June 19	3362	717	122	2568
Briggs, John O. C., East Providence, R. I. Turnbuckle.....	836,063	Nov. 13	2267	484	125	608
Briggs, John O. C., East Providence, R. I. Releasing device.....	838,002	Dec. 11	1432	311	125	1753
Briggs, Nelson. (See Montgomery, Henry J., assignor.)						
Briggs, R. H., Sr. (See Pearce, John R., assignor.)						
Briggs, Thomas A., assignor to Boston Wire Stitcher Company, East Greenwich, R. I. Bookbinding-table.....	829,457	Aug. 28	3618	760	123	2682
Briggs, Thomas A., assignor to Boston Wire Stitcher Company, East Greenwich, R. I. Staple-magazine.....	836,662	Nov. 20	3482	743	125	954
Briggs, Warren R., Bridgeport, Conn. Bottle-stopper-holding device.....	835,497	Nov. 13	1239	266	125	357
Briggs, William C., Winston Salem, N. C. Cutter for cigars.....	838,298	Dec. 11	2060	444	125	1908
Briggs, William F., Bristol, R. I. Clothes-line prop.....	814,266	Mar. 6	518	107	121	111
Brigham, Charles H., New York, N. Y., and G. P. Harvey, Jersey City, N. J. Machine for preparing coated materials.....	814,351	Mar. 6	717	145	121	158
Brigham, E. Terry, <i>et al.</i> (See Osborn, David L., assignor.)						
Brigham, Fredrick H., Baltimore, Md. Overalls.....	815,063	Mar. 13	2125	447	121	518
Brigham, Herbert O., Providence, R. I. Book and pamphlet filing device.....	837,603	Dec. 4	651	149	125	1515
Bright, Fred E., Philadelphia, Pa., assignor to Mergenthaler Linotype Company. Linotype-machine.....	832,769	Oct. 9	1511	305-10	124	1617
Bright, Henry C. (See Watson Henry W., assignor.)						
Bright, Thomas W., Elk, W. Va. Stovepipe-thimble.....	825,889	July 17	2477	515	123	662
Bright, William A., Sedalia, Okla. Ter. Baling-press.....	835,054	Nov. 6	365	74	125	97
Bright, William R., Norfolk, Va. Veneer-cutting machine.....	822,647	June 5	840	171	122	1913
Brightman, Clarence. (See Treman, Walter J., assignor.)						
Briley, Otho M., Ames, Iowa. Excavating-scoop.....	834,358	Oct. 30	4947	1048	124	2599
Brill, George M., assignor to J. A. Brill, Philadelphia, Pa. Adjustable brake-hanger.....	813,346	Feb. 20	3647	799	120	2367
Brill, George M., assignor to J. A. Brill, Philadelphia, Pa. Brake-hanger.....	816,293	Mar. 27	4673	992	121	1175
Brill, John A. (See Bole Samuel T., assignor.)						
Brill, John A. (See Brill, George M., assignor.)						
Brill, John A. (See Curwen, Samuel M., assignor.)						
Brill, John A. (See Heulings, William H., Jr., assignor.)						
Brill, John A. (See Pickles, Charles K., assignor.)						
Brill, John A., and S. M. Curwen, Philadelphia, Pa.; said Curwen assignor to said Brill. Car-truck.....	816,294	Mar. 27	4674	992-3	121	1175
Brill, John A., and W. S. Adams, Philadelphia, Pa. Car-truck.....	821,279	May 22	4595	979-80	122	1201
Brillhart, Elmer L., Ludington, Mich. Land-marker.....	821,082	May 22	4226	898	122	1119
Brillhart, Elmer L., Ludington, Mich. Aeronautic toy.....	833,504	Oct. 16	3027	642	124	2037
Brillhart, Jesse T., Lincoln, Nebr. Bottle.....	826,919	July 24	4544	945	123	1200
Brilliant Electric Company. (See Elliott, Elias L., assignor.)						
Brillon, Archilas R., <i>et al.</i> (See Forgues, Laurence Z., assignor.)						
Brimmer, Edgar W. and E. E. Nessen City, Mich. Rail-fastener.....	825,636	July 16	2000	418	123	534
Brimmer, Elmer E. (See Brimmer, Edgar W. and E. E.)						
Brimmer, John F., <i>et al.</i> (See Cline, William, assignor.)						
Brimmon, Gilbert C., and O. A. Nelson, Homestead, N. D. Planter.....	815,328	Mar. 20	2709	564-5	121	696
Brinckle, Addington L., Philadelphia, Pa. Telephone-switch.....	821,981	May 29	5999	1279	122	1567
Brindle-Steere Company. (See Steere, Merrill O., assignor.)						
Brindle-Steere Company. (See Steere and Wardwell, assignors.)						
Brine, Francis J., Somerville, Mass. Annunciator apparatus.....	828,376	Aug. 14	1380	291	123	2037
Briner, Emil A. (See Smith and Briner.)						
Bring, Gustaf G., Petersfors, Sweden. Apparatus for magnetic separation.....	827,499	July 31	5823	1207	123	1529
Brining, Frank P., Westgrove, Pa. Casket-fastener.....	818,224	Apr. 17	3348	717	121	2202
Brining, Frank P. and J. Stackhouse, Philadelphia, Pa. Coffin-fastener.....	818,223	Apr. 17	3347	717	121	2202
Brink, Gerret and H., Hudsonville, Mich. Artificial-stone fence-post.....	830,962	Sept. 11	2124	449	124	563
Brink, Herman. (See Brink, Gerret and H.)						
Brinker, Charles B., assignor to Brinker Safety Switch Attachment Company, West Lebanon, Ind. Railway-switch.....	810,906	Jan. 30	4678	975	120	1174
Brinker, Charles B., assignor to Brinker Safety Switch Attachment Company, West Lebanon, Ind. Railway-switch.....	818,865	Apr. 24	4642	997	121	2535
Brinker, Charles B., assignor to Brinker Safety Switch Attachment Company, West Lebanon, Ind. Railway-switch.....	818,866	Apr. 24	4646	998	121	2536
Brinker Safety Switch Attachment Company. (See Brinker, Charles B., assignor.)						
Brinkerhoff, W. E., <i>et al.</i> (See Knowles, Camden E., assignor.)						
Brinkhaus, Hugo, Berlin, Germany. Pince-nez eyeglasses.....	828,812	Aug. 14	2232	475	123	2256
Brinkman, Louis H., assignor to Whitlock Coil Pipe Company, West Hartford, Conn. Automatic bending-machine.....	812,258	Feb. 13	1501	329	120	1867
Brinkman, Louis H., assignor to Whitlock Coil Pipe Company, West Hartford, Conn. Radiator.....	829,625	Aug. 28	3966	839	123	2767
Brinkmann, Frederick A., Plumbill, Ill. Grain-measuring device.....	822,917	June 12	1373	285	122	2075
Brinkmeyer, Fredrick W., Decatur, Ill. Ball-return mechanism for bowling-alleys.....	809,245	Jan. 2	1266	257	120	279
Brinkmeyer, Fredrick W., Decatur, Ill. Bowling-alley.....	811,476	Jan. 30	5771	1208	120	1410
Brinley, Charles A., Philadelphia, Pa. Fence.....	839,545	Dec. 25	4503	960	125	2596
Brinley, Charles A., assignor to American Pulley Company, Philadelphia, Pa. Wheel.....	812,179	Feb. 13	1349	293	120	1833
Brinly-Hardy Company. (See Brinly, John L., assignor.)						
Brinly, John L., assignor to Brinly-Hardy Company, Louisville, Ky. Plow-point.....	820,035	May 8	2064	451	122	522
Brinton, Joseph H. (See Hoffman, George A., assignor.)						
Brinton, Walter, High Bridge, N. J. Forming castings.....	816,709	Apr. 3	319	74	121	1431
Brinton, Walter, High Bridge, N. J., assignor to Taylor Iron and Steel Company. Cast manganese-steel rail.....	812,810	Feb. 20	2578	567	120	2136
Brinton, Walter, High Bridge, N. J., assignor to Taylor Iron and Steel Company. Treating manganese steel.....	812,811	Feb. 20	2580		120	2137
Brinton, Walter, High Bridge, N. J., assignor to Taylor Iron and Steel Company. Making safes or vaults.....	813,394	Feb. 20	3734	821	120	2385
Brinton, Walter, High Bridge, and W. Gaston, Plainfield, N. J., assignors to Taylor Iron and Steel Company. Safe or vault.....	832,838	Oct. 9	1658	341-2	124	1650
Briquetting Company. (See Cole, Henry W. N., assignor.)						
Brisacher, Hugo, assignor of one-half to W. F. Martin, New York, N. Y. Garment-fastener.....	829,837	Aug. 28	4405	929	123	2875
Brisbois, Odilon, assignor of one-half to Turner Brass Works, Chicago, Ill. Telephone toll-box.....	821,778	May 29	5611	1195-6	122	1482
Briscoe, Charles N., assignor to Union Stopper Company, Morgantown, W. Va. Stopper.....	814,352	Mar. 6	718	145	121	158
Briscoe, Benjamin, Detroit, Mich. Radiator-disk.....	821,698	May 29	5456	1162	122	1445
Briscoe, Benjamin, assignor to Briscoe Manufacturing Company, Detroit, Mich. Cooler.....	810,030	Jan. 16	2855	589	120	710

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Briscoe, Frank, assignor to Briscoe Manufacturing Company, Detroit, Mich. Radiator.	817,692	Apr. 10	2241	481	121	1904
Briscoe Manufacturing Company. (See Briscoe, Benjamin, assignor.)						
Briscoe Manufacturing Company. (See Briscoe, Frank, assignor.)						
Brislin, Andrew J., Jamaica, N. Y., assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Triple valve.	827,291	July 31	5323	1103	123	1407
Brissey, W. C., <i>et al.</i> (See Shepard, Frank P., assignor.)						
Brister, Samuel H., Monticello, Iowa. Brush.	810,708	Jan. 23	4274	886	120	1056
Brister, William T., assignor of one-half to F. Galle, Guadalupe county, Tex. Hame-hook.	839,265	Dec. 25	3938	846	125	2459
Bristol Brass Company. (See Holley, Everett D., assignor.)						
Bristol, Warren H., Brooklyn, N. Y. Boy's side garter.	822,180	May 29	6381	1355	122	1655
Bristol, William H., New York, N. Y. Thermo-electric couple.	811,819	Feb. 6	535	119	120	1599
Bristol, William H., New York, N. Y. Indicating and recording device.	813,689	Feb. 27	4332	953	120	2576
Bristol, William H., New York, N. Y. Pressure indicator and recorder.	822,244	June 5	25	6	122	1734
Bristow, Charles, Christchurch, New Zealand. Machine for forming plastic material into lumps.	833,576	Oct. 16	3172	673-4	124	2072
Bristow, Charles, Addington, (Christchurch, New Zealand. Seed-sower.	837,542	Dec. 4	516	119-20	125	1484
Bristow, Ralph E., Denver, Colo. Flush-tank valve mechanism.	826,532	July 24	3778	784	123	1005
Bristow, Samuel, Topeka, Kans. Game device.	825,890	July 17	2478	516	123	662
British Hosiery and Electrolytic Bleaching Company. (See Taylor, Frank, assignor.)						
Britt, Orlin P. (See Kramer and Britt.)						
Brittain, Isaac M., North Bend, Nebr. Safety-catch for railway-switches.	829,690	Aug. 28	4106	869	123	2801
Britto, José P. R. de, Rio de Janeiro, Brazil. Spittoon or sanitary receptacle.	833,669	Oct. 16	3340	710	124	2112
Britton, Francis J., assignor of one-half to H. I. Cohen, Brainerd, Minn. Scriber.	830,130	Sept. 4	463	93	124	117
Britton, James A., Bethlehem, Pa. Hose puller and wringer.	810,259	Jan. 16	3335	692-3	120	810
Britton, Louis H., assignor of three-fourths to G. B. Harvey and H. V. George, Lisbon, Ohio. Fire-alarm apparatus.	816,960	Apr. 3	831	170	121	1542
Britton, Samuel, Twilight, Pa. Railway-brake.	828,184	Aug. 7	978	202-3	123	1910
Britton, Walter J., Spartanburg, S. C. Means for regulating evening mechanisms for cotton pickers or openers.	833,155	Oct. 16	2282	480	124	1852
Brix, Oskar, Leipsic-Gohlis, Germany. Rope-grip for suspended rope railways.	829,056	Aug. 21	2739	575	123	2415
Broad, John E., Brooklyn, assignor of one-half to H. P. Carrington, New York, N. Y. Machine for stamping and sealing envelopes.	835,234	Nov. 6	714	147-8	125	181
Broad, William, Aliquippa, Pa. Wire-stretching device.	812,401	Feb. 13	1796	393	120	1931
Broadbelt, Daniel, New York, N. Y. Garter.	836,626	Nov. 20	3409	728	125	936
Broadbent, Joseph, assignor of one-half to C. J. Smith, Arnolds, Md. Latch.	835,273	Nov. 6	799	167	125	202
Broadbent, William, Salt Lake City, Utah. Carved gum-form.	810,184	Jan. 16	3167	656	120	776
Broadbooks, Peter, Batavia, N. Y. Friction-clutch for vises, lifting-jacks, clamps, or the like.	827,612	July 31	6054	1256	123	1589
Broadbooks, Peter, Batavia, N. Y. Clamp.	833,670	Oct. 16	3340	711	124	2112
Broadbooks, Peter, Batavia, assignor to Utica Drop Forge and Tool Company, Utica, N. Y. Pliers.	818,343	Apr. 17	3579	766	121	2250
Broadfoot, Thomas. (See Mitchell and Broadfoot.)						
Broadfoot, John W., and F. W. Ordish, assignors to Robert Dempster & Sons, Ltd., Eiland, England. Apparatus for discharging gas-retorts.	812,479	Feb. 13	1929	425-6	120	1960
Broadway, William H., Little Rock, Ark. Machine for ornamenting wood.	824,277	June 26	4044	866	122	2773
Broadwell, Charles E., San Francisco, Cal. Leaf for loose-leaf ledgers.	839,718	Dec. 25	4860	1038	125	2683
Broadwell, Charles H., assignor to Landers, Fry and Clark, New Britain, Conn. Mixer.	826,223	July 17	3123	648-9	123	822
Broadwell, Edward C. (See Lyons and Broadwell.)						
Broadwell, Walter L., South Norfolk, Va. Collapsible table.	809,170	Jan. 2	1077	224-5	120	236
Brochet, André, and G. Ranson, Paris, France. Electrolytic process of making bases of the alkali-earth metals.	835,661	Nov. 13	1554		125	435
Brocius, Harvey R., assignor of one-half to J. A. Haven, Summerville, Pa. Reproducer for graphophones.	828,836	Aug. 14	2279	485	123	2268
Brock, Clarence R., assignor of one-half to C. M. Stark, Perry, Kans. Fan-motor.	814,267	Mar. 6	519	108	121	111
Brock, Frederick C., and A. M. Schaffer, assignors to Vehicle Apron & Hood Company, Columbus, Ohio. Tire-cover.	834,963	Nov. 6	158	32	125	44
Brock, Jay C., and C. J. Booker, Greenville, Ohio. Thill and pole support.	824,620	June 26	4746	1011	122	2922
Brock, Matthias, Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Lasting-machine.	823,664	June 19	2900	614	122	2469
Brock, Peter A., Jersey City, N. J., assignor to Standard Bottle Company. Non-refillable bottle.	824,336	June 26	4153	889	122	2795
Brock, Walter I., Erie, Pa. Freight-car.	835,392	Nov. 6	1039	222-3	125	263
Brockschmidt, Henry. (See Brockschmidt, Hermann L. and H.)						
Brockschmidt, Hermann L. and H., Freistatt, Mo. Crate.	835,932	Nov. 13	2049	437-8	125	555
Brockton Folding Machine Company. (See Rollins, George E., assignor.)						
Brockway, Tiffany J., Aline, Okla. Ter. Rail system for vehicles.	831,702	Sept. 25	3658	765	124	1020
Brockway, Watson O., Threcoaks, Mich. Overshoe-fastener.	809,905	Jan. 9	2571	532	120	598
Brode, Charles W., New Comerstown, Ohio. Clothes-frame.	812,011	Feb. 6	975	213	120	1688
Broderick, David F., assignor of one-half to L. Sperry, Hartford, Conn. Try-square.	834,964	Nov. 6	159	32	125	44
Broderick, David F., New Britain, assignor of one-half to L. Sperry, South Windsor, Conn. Dipping mechanism for electroplating apparatus.	839,719	Dec. 25	4861	1038-9	125	2683
Broderick, John K., St. Louis, Mo. Rotary motor.	816,147	Mar. 27	4397	929-30	121	1115
Broderick, Michael C., and B. F. Siber, Massillon, Ohio. Railway-tie.	821,014	May 22	4083	869	122	1088
Brodeur, Francois X., assignor of one-half to E. W. Mullins, Lynn, Mass. Shoe.	812,812	Feb. 20	2583	567	120	2137
Brodnax, Clarence M., and P. F. King, New York, N. Y. Bottle-closure.	808,629	Jan. 2	18	4	120	6
Broel, Ferdinand, Velbert, Germany. Automatic igniter and extinguisher for gas-lamps.	826,533	July 24	3781	784	123	1006
Broesamle, Geo. H., <i>et al.</i> (See Ludwick, Jay, assignor.)						
Broga, William W., Springfield, Mass. Car-brake.	819,203	May 1	339	73	122	83
Brogan, Edward N., Boundbrook, N. J. Roofing-lap.	821,606	May 29	5265	1122	122	1404
Brolin, Willard A. (See Faust and Brolin.)						
Broman, John G., Chicago, Ill. Boiler-cleaner.	822,575	June 5	687	140	122	1879
Bromar Limited. (See Findlay, James, assignor.)						
Bromley, Daniel W., and T. E. West, assignors of one-fourth to J. D. Coffman, Nicholasville, Ky. Gate.	826,305	July 17	3265	675	123	858
Bromley, George W., Lake View, N. J. Winding-machine.	812,012	Feb. 6	977	213	120	1688
Bromley, John L., Oil City, Pa., assignor to Oil City Gas Engine Starter Company. Gas-engine valve.	831,598	Sept. 25	3409	715-16	124	950
Bronder, Gaston A., Brooklyn, N. Y. Lubricating device for wheels and axles.	812,402	Feb. 13	1798	393	120	1931
Bronder, Gaston A., Brooklyn, N. Y. Lubricating device.	815,260	Mar. 13	2527	530	121	609
Bronder, Gaston A., Brooklyn, N. Y. Measuring-drum.	817,834	Apr. 17	2553	548	121	2029
Bronder, Gaston A., Brooklyn, N. Y. Electrically-driven fluid-motor.	832,653	Oct. 9	1287	259	124	1563
Bronson, Adelbert E., Jr., assignor to Bronson-Walton Company, Cleveland, Ohio. Coffee-mill.	834,105	Oct. 23	4420	939	124	2418

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bronson, Enos A. (See Wilson and Bronson.)						
Bronson, George M. (See Whitcomb, Beecher D., assignor.)						
Bronson-Walton Company. (See Bronson, Adelbert E., Jr., assignor.)						
Brook, Frank, Huddersfield, England. Employee's time-recorder	816,844	Apr. 3	586	122	121	1489
Brookbank, Edward R., Battle Creek, Mich. Sulky-cultivator	821,083	May 22	4228	899	122	1120
Brooke, Isaac, Pottstown, assignor to Floyd-Wells Company, Royersford, Pa. Radiator.	813,275	Feb. 20	3492	770	120	2335
Brooke, Robert G., Macclesfield, England. Injector.	832,952	Oct. 9	1881	390-1	124	1704
Brooke, Sue C. (See Brooke, William E., assignor.)						
Brooke, William E., Cleveland, Ohio, assignor to S. C. Brooke, New York, N. Y. Die-stock	827,209	July 31	5171	1073	123	1373
Brookfield, Henry M. (See Kribs, Seraphim, assignor.)						
Brookfield, Henry M. (See Schorling, William H., assignor.)						
Brookfield, Henry M., New York, N. Y. Glass-furnace	808,810	Jan. 2	371	80	120	82
Brookfield, Henry M., New York, N. Y. Press for making glass articles	810,031	Jan. 16	2857	590-1	120	711
Brookfield, Henry M., New York, N. Y. Device for mixing ingredients for making glass and for feeding them to furnaces	826,139	July 17	2956	614	123	783
Brookfield, Henry M., New York, N. Y. Press for making insulators or similar articles	835,236	Nov. 6	723	150-1	125	184
Brookfield, Henry M., New York, N. Y. Molding glass	835,393	Nov. 6	1042	223	125	264
Brookfield, Henry M., New York, N. Y. Apparatus for making glass insulators or other similar glass articles	836,297	Nov. 20	2780	590-1	125	790
Brookfield, Henry M., New York, N. Y. Making glass insulators or other glass articles	836,298	Nov. 20	2786	591-2	125	792
Brookfield, Henry M., New York, N. Y., and W. D. Stivers, Jersey City, N. J.; said Stivers assignor to said Brookfield. Press for making glass insulators or similar articles	835,235	Nov. 6	717	148-9	125	182
Brookfield, Theodore, Kamloops, Canada. Rail-joint	829,255	Aug. 21	3170	667	123	2525
Brookman, John H., <i>et al.</i> (See Fulford, Elijah D., assignor.)						
Brookman, John H., assignor of one-half to C. B. Warner, Central City, Iowa. Target-trap	838,376	Dec. 11	2205	478	125	1943
Brooks, Arthur A., and G. A. Watson, Liverpool, England. Magazine plate-holder	819,403	May 1	747	153	122	169
Brooks, Arthur A., and G. A. Watson, Liverpool, England. Light-proof envelop for sensitized plates	819,404	May 1	748	158	122	170
Brooks, Byron A., Brooklyn, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine	812,782	Feb. 13	2514	553	120	2076
Brooks, Charles E., assignor to B. Roth Tool Company, St. Louis, Mo. Press	827,847	Aug. 7	308	64-5	123	1746
Brooks, Charles L., Clearmont, Wyo. Wrench	839,102	Dec. 25	3610	780	125	2377
Brooks Corset Co. (See Brooks, William F., assignor.)						
Brooks, Edward J., East Orange, N. J. Seal-press	813,079	Feb. 20	3115	683	120	2255
Brooks, Edward J., East Orange, N. J. Seal	818,344	Apr. 17	3580	766	121	2251
Brooks, Edward J., East Orange, N. J. Snap-seal	818,659	Apr. 24	4232	910	121	2446
Brooks, Edward J., East Orange, N. J. Coil-wire seal	822,576	June 5	689	140	122	1879
Brooks, Edward J., East Orange, N. J. Seal for boxes	822,577	June 5	690	140	122	1879
Brooks, Edward J., East Orange, N. J. Bung-tin driver	822,918	June 12	1375	286	122	2075
Brooks, Edward J., East Orange, N. J. Snap-seal	831,825	Sept. 25	3877	812	124	1073
Brooks, Edward J., East Orange, N. J. Seal for bags	836,431	Nov. 20	3058	649	125	853
Brooks, Edward J., East Orange, N. J. Seal for bags	836,560	Nov. 20	3294	702	125	911
Brooks, Edward J., East Orange, N. J. Seal for boxes	837,788	Dec. 4	1015	226	125	1605
Brooks, Edward J., East Orange, N. J. Seal for boxes	837,789	Dec. 4	1016	226	125	1605
Brooks, Everett W. (See Hildebrandt, Charles T., assignor.)						
Brooks, George. (See Julian and Brooks.)						
Brooks, George H. (See Sternau, Percy, assignor.)						
Brooks, Harry. (See Kohn, Sigmund, assignor.)						
Brooks, Henry B., Montgomery, Ala. Stove	823,389	June 12	2331	488	122	2283
Brooks, Isaac G., Wabash, Ind. Fence-post mold	834,448	Oct. 30	5119	1087	124	2641
Brooks, Jacob, Grimsby, Canada. Support for fitting doors	824,777	July 3	183	32	123	54
Brooks, James M., Molena, Ga. Dumping-wagon	818,373	Apr. 24	4386	939-40	121	2480
Brooks, John B., Birmingham, and J. Holt, Aston, England. Cycle-saddle	823,915	June 19	3363	717	122	2569
Brooks, John B., Birmingham, and J. Holt, Aston, England. Cycle-saddle	823,916	June 19	3365	718	122	2569
Brooks, John C., Paterson, N. J. Needle-loom	831,322	Sept. 18	2868	608	124	775
Brooks, John P., Albany, N. Y. Eyelet	836,857	Nov. 27	3907	834	125	1100
Brooks, Karmell, New York, N. Y. Shot-feed for drills	814,427	Mar. 6	880	180	121	191
Brooks, Karmell, New York, N. Y. Equalizing weight-feed for drill-shanks	816,295	Mar. 27	4677	993-4	121	1176
Brooks, L. C. (See Hulbert, Edwin F., assignor.)						
Brooks, Moses M. (See Carleton and Brooks.)						
Brooks, Posey P., Hattiesburg, Miss. Automatic cylinder drain-valve	825,513	July 10	1709	359	123	459
Brooks, Reuben, assignor to Russia Cement Company, Gloucester, Mass. Collapsible tube	832,654	Oct. 9	1288	259	124	1564
Brooks, Richard T. (See Jackson, Henry E., assignor.)						
Brooks, Robert A., Chicago, Ill. Flushometer	834,256	Oct. 30	4761	1007	124	2552
Brooks, Robert E., F. T. Newitt, and A. J. Smith, Buena Vista, Colo. Railway-brake adjuster	823,917	June 19	3366	718	122	2569
Brooks, Samuel S., Brooklyn, N. Y. Combined strap-hanger, signal-bell ringer, and register-ringer	818,935	Apr. 24	4771	1025	121	2563
Brooks Tire Machine Company. (See Hackney, Isaac M., assignor.)						
Brooks, Walter E. (See Hall and Hawkenson, assignors.)						
Brooks, William A., assignor of one-half to Morris & Company of Illinois, Chicago, Ill. Machine for splitting pigs' feet	835,055	Nov. 6	367	74-5	125	98
Brooks, William F., assignor to Brooks Corset Co., New Haven, Conn. Corset	819,405	May 1	749	159	122	170
Brooks, William F., assignor to Brooks Corset Co., New Haven, Conn. Corset	826,306	July 17	3268	676	123	858
Brookshier, Charles D., Linton, and J. A. Ball, Thorntown, Ind. Concrete-mold	836,798	Nov. 27	3810	811	125	1077
Broomall, Edgar W., Rochester, N. Y. Bearing for vertical shafts	809,280	Jan. 9	1349	274	120	331
Broomall, Edgar W., Rochester, N. Y. Centrifugal cream-separator	809,355	Jan. 9	1499	304	120	365
Broomall, Edgar W., Rochester, N. Y. Vertical-shaft bearing	821,699	May 29	5457	1163	122	1445
Broomall, Harry H. (See Kerwin and Broomall.)						
Broomall, Taylor F., Jr. (See Kerwin and Broomall.)						
Broome, Joseph, Bayonne, N. J., assignor to Concave and Convex Printing Company. Printing-machine	831,323	Sept. 18	2869	608-9	124	776
Broome, Lewis H., Jersey City, N. J. Sash-cord fastener	817,039	Apr. 3	981	201	121	1577
Broome, Lewis H., Jersey City, N. J. Wheel-tire	833,437	Oct. 16	2878	611	124	2005
Broomell, Albert P., York, Pa. Kiln	822,245	June 5	27	6	122	1734
Broomell, Thomas W., Watertown, N. Y. Resilient wheel	834,106	Oct. 23	4422	940	124	2419
Brosey, Christian, administrator. (See Feigly, David.)						
Brosious, Adam, Catawissa, Pa. Railway-signal	818,660	Apr. 24	4234	910	121	2447
Brosius, Ernst. (See Strupat and Brosius.)						
Brosius, Samuel G., Washington, D. C. Safety-razor	809,604	Jan. 9	2023	419	120	476
Brosius, Samuel G., Washington, D. C. Safety-razor	810,709	Jan. 23	4275	886	120	1056

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Brosius, William B., assignor to W. L. Girard, St. Louis, Mo. Pallet setting and adjusting tool.	817,955	Apr. 17	2817	610	121	2089
Brosnan, Cornelius J., Springfield, Mass., assignor, by mesne assignments, to O. A. Miller Treeing Machine Company, Portland, Me. Shoe-holder.	838,234	Dec. 11	1932	414	125	1878
Brossoit, James J., Grand Rapids, Wis. Drill-sharpening machine.	816,961	Apr. 3	834	170-1	121	1543
Brossoit, James J., Salt Lake City, Utah. Die.	820,763	May 15	3504	751	122	901
Brothers, William, Prestwich, England. Refrigerating apparatus.	828,530	Aug. 14	1693	356	123	2117
Broughton, Chauncey, assignor of two-thirds to C. Felton and S. Dash, Boston, Mass. Recording device for boot-black stands.	833,118	Oct. 9	2193	461	124	1783
Broughton, Edwin, <i>et al.</i> (See Yorke, Arthur H., assignor.)						
Broughton, Samuel S., Mooresville, Ind. Piano-stool.	833,771	Oct. 23	3547	755	124	2208
Brouillard, Louis N., Niagara, Wis. Pushing device.	817,693	Apr. 10	2242	481	121	1904
Brousseau, Harry, New York, N. Y. Pneumatic drill.	820,345	May 8	2670	583-4	122	657
Broux, Elié J. L. (See Scrépel and Broux.)						
Brouyette, Charles D., assignor of one-half to F. W. Kinney, Chicago, Ill. Spring-brace.	817,954	Apr. 17	2815	609	121	2089
Brouyette, Charles D., assignor of one-half to M. A. Hunt & Co., Cincinnati, Ohio. Spring-bed-bottom.	820,091	May 8	2192	478	122	551
Browder, Henry W., Beaumont, Tex. Hotel-office dinkey.	827,415	July 31	5604	1159	123	1476
Browder I. C., <i>et al.</i> (See Latimer, Samuel A., assignor.)						
Browder, M. V., <i>et al.</i> (See Latimer, Samuel A., assignor.)						
Brower, Bloomfield, New York, N. Y. Ink-well.	821,852	May 29	5752	1225	122	1512
Brower, Ernest C., and J. D. H. Schulz, Brooklyn, N. Y. Folding stair-chair.	812,013	Feb. 6	978	213-14	120	1688
Brower, George W., Santa Monica, Cal. Suspended railway.	818,608	Apr. 24	4124	886-8	121	2422
Brower, William, assignor of one-half to M. P. Seibel, Manlius, Ill. Cutting and reaming knife.	812,325	Feb. 13	1647	362	120	1901
Brown, Albert C., Chicago, Ill. Faucet.	832,589	Oct. 9	1148	229	124	1531
Brown, Albert E., Brookfield, and C. H. Rhodes, Herkimer, N. Y.; said Rhodes assignor to said Brown. Clamping device.	818,227	Apr. 17	3355	719	121	2204
Brown, Alexander, Ottawa, Canada. Copy-holder.	824,405	June 26	4309	917	122	2826
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Grab-bucket.	808,630	Jan. 2	20	5	120	7
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Closet for shops and other purposes.	819,406	May 1	750	159	122	170
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Means for hoisting and conveying two-rope grab-buckets.	829,057	Aug. 21	2740	575-6	123	2416
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Constructing masts.	837,912	Dec. 11	1255	275-7	125	1708
Brown, Alexander T. (See Lipe and Brown.)						
Brown, Alexander T., Syracuse, N. Y. Propeller.	810,032	Jan. 16	2863	591-2	120	712
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	836,858	Nov. 27	3908	834-5	125	1100
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	837,031	Nov. 27	4279	911	125	1186
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	837,032	Nov. 27	4292	912	125	1191
Brown, Alexander T., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Steering device.	809,171	Jan. 2	1078	225	120	237
Brown, Alexander T., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Power-transmitting mechanism.	814,268	Mar. 6	521	108	121	112
Brown, Alexander T., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Transmission-gear.	819,334	May 1	612	129-30	122	141
Brown, Andrew J., Chicago, Ill. Corn-planter.	810,103	Jan. 16	3009	627	120	746
Brown, Annie B., Franklin, Mass. Book-support.	820,471	May 15	2931	636	122	773
Brown, Arthur H., Hamilton, Mo. Crown and bridge work.	818,661	Apr. 24	4235	910	121	2447
Brown, Arthur J., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Controller-operating means.	815,578	Mar. 20	3201	673	121	804
Brown, Arthur P., Bradley, Me. Tackle-block.	823,989	June 19	3513	751	122	2601
Brown, Augustus, Elgin, Ill. Chronometer-escapement.	808,631	Jan. 2	21	5-6	120	7
Brown Bag-Filling Machine Company. (See Brown, Benjamin F., assignor.)						
Brown, Benjamin A. (See Slider, William T., assignor.)						
Brown, Benjamin F., Boston, assignor to Brown Bag-Filling Machine Company, Fitchburg, Mass. Bag-filling machine.	836,665	Nov. 27	3513	750-1	125	997
Brown, Benjamin S., Altoona, Pa. Center-stem guide for car-bodies.	812,720	Feb. 13	2407	527-8	120	2053
Brown, Benjamin S., Altoona, Pa. Draft-rigging mechanism for cars.	812,721	Feb. 13	2409	528	120	2054
Brown, Benoni S., deceased, Onset, Mass.; S. A. Brown, executor. Dental-tool holder or clutch.	816,069	Mar. 27	4244	898	121	1082
Brown, Bert A., Bristol, Conn. Glazier's tool.	820,092	May 8	2195	478	122	552
Brown, Calvin S., Toledo, Ohio, and J. N. Clouse, St. Louis, Mo. Spirit-level.	809,275	Jan. 2	1330	270	120	293
Brown, Carl E., Columbus, Ohio. Electrical piano-playing mechanism.	822,881	June 5	1288	265	122	2008
Brown, Charles A., Salem, Mass. Stencil for automatic mailing-machines.	835,700	Nov. 13	1618	344	125	450
Brown, Charles A., Lorain, Ohio, assignor to American Steel and Wire Company. Purifying water.	825,637	July 10	2002		123	535
Brown, Charles B. (See Jordan and Brown.)						
Brown, Charles C., West Greensburg, Pa. Rail-joint.	811,369	Jan. 30	5592	1168	120	1374
Brown, Charles D. (See Finch and Brown.)						
Brown, Charles E., Parsons, Pa. Safety device for elevators.	829,094	Aug. 21	2810	591	123	2435
Brown, Charles F., trustee. (See Coy, Frederick W., assignor.)						
Brown, Charles F., trustee. (See Reeve, Sidney A., assignor.)						
Brown, Charles F., trustee. (See Reeve and Noyes, assignors.)						
Brown, Charles H., Lilly, Pa. Rail-tie.	826,400	July 17	3443	715	123	902
Brown, Charles L., Springfield, Mass. Machine for bundling laundered articles.	826,761	July 24	4241	881	123	1126
Brown, Charles L., Philadelphia, Pa. Aerial-cable support.	837,185	Nov. 27	4584	972	125	1263
Brown, Charles N., Quincy, Mass., assignor to F. A. Hardy & Company, Chicago, Ill. Making bifocal lenses.	827,500	July 31	5825	1207	123	1530
Brown, Charles W., trustee, <i>et al.</i> (See Hitchcock, Halbert K., assignor.)						
Brown, Charles W., Somerville, Mass. Valve.	829,458	Aug. 28	3620	760	123	2683
Brown, Clair H., Detroit, Mich. Eyeglasses.	835,299	Nov. 6	846	178	125	214
Brown, Cyril P., Spring Lake, assignor of one-half to J. F. Johnston, Grand Haven, Mich. Attachment for bedsteads.	828,185	Aug. 7	980	203	123	1911
Brown, Daniel. (See Meeks and Brown.)						
Brown, Daniel, Cranston, R. I. Rifle set-lock and safety set-trigger.	814,584	Mar. 6	1165	244	121	252
Brown, Daniel W., <i>et al.</i> (See Clippinger, Harry C., assignor.)						
Brown, De Witt G., American Falls, Idaho. Label-holder.	812,634	Feb. 13	2248	488	120	2022
Brown, Delmont S., Watertown, N. Y. Pad for horse-collars.	828,186	Aug. 7	953	204	123	1911
Brown, Ebenezer C. (See Williams and Brown.)						
Brown, Edgar T., Pittsburg, Pa. Rail-joint.	831,035	Sept. 18	2281	481-2	124	635
Brown, Edward, deceased, Philadelphia, Pa.; Provident Life & Trust Company of Philadelphia, administrator. Portable hot-blast pyrometer.	818,867	Apr. 24	4648	998	121	2536

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Brown, Edward A., Carbondale, Ill. Combination track gage, level, and alining apparatus.	830,640	Sept. 11	1522	314	124	409
Brown, Edward A., assignor to J. D. Bascom, St. Louis, Mo. Tramway-bucket grip.	830,564	Sept. 11	1360	283	124	365
Brown, Edward A., and A. Williams, Carbondale, Ill. Railway-track gage.	814,826	Mar. 13	1670	349	121	424
Brown, Edward G., Glenellen, Cal. Folding box.	813,347	Feb. 20	3649	800	120	2367
Brown, Edward R., Boston, assignor, by mesne assignments, to W. F. Lakin, trustee, Quincy, Mass. Apparatus for maintaining air-pressure in ale and beer casks.	828,270	Aug. 7	1135	238-9	123	1947
Brown, Edward T., assignor to Owosso Manufacturing Company, Owosso, Mich. Window-screen.	812,813	Feb. 20	2584	567	120	2138
Brown, Elmer E. (See Sober and Brown.)						
Brown, Elmer H. (See Williams and Brown.)						
Brown, Eric, Baden, Switzerland. Means of coupling turbines.	828,301	Aug. 14	1232	257	123	2000
Brown, Ernest A. (See Edwards and Brown.)						
Brown, Ernest S., Washington, D. C. Paper-lifting device for paper-rolls.	823,318	June 12	2217	462	122	2260
Brown, Eugene, assignor of one-half to G. A. Chapman, W. S. Yearsley, and C. E. Scriber, Colfax, Wash. Storage-bin.	832,290	Oct. 2	549	104	124	1346
Brown, Euthadeus I., Princess Anne, Md. Apparatus for printing photographs.	810,907	Jan. 30	4681	976	120	1175
Brown, Flora R., Philadelphia, Pa. Bedstead.	820,951	May 22	3931	837	122	1055
Brown, Florence L., Chandler, Okla. Ter. Protective cover for picture-frames.	836,010	Nov. 13	2173	466	125	584
Brown, Francis C., New York, N. Y. Fountain-pen.	819,719	May 8	1357	293	122	365
Brown, Francis J., Meadowvale, Canada. Ear-carriage device for horses.	822,919	June 12	1376	286	122	2075
Brown, Frank H. (See Bartlett and Brown.)						
Brown, Frank H., St. Louis, Mo. Springless dial-scale.	835,899	Nov. 13	1997	422	125	544
Brown, Fred H., Los Angeles, Cal. Electrical apparatus for determining the location of metallic ores.	817,749	Apr. 17	2365	508	121	1988
Brown, Frederick W., assignor to P. Toussaint, New York, N. Y. Surgical appliance.	833,671	Oct. 16	3341	711	124	2112
Brown, George, Central Aquirre, Porto Rico. Apparatus for cooling and lubricating crank-case engines.	831,532	Sept. 25	3276	690	124	914
Brown, George, Niles, Mich., assignor to South Bend Machine Mfg. Co., South Bend, Ind. Molding-machine for forming bricks and the like from plastic material.	833,952	Oct. 23	3969	843	124	2315
Brown, George, Niles, Mich., assignor, by mesne assignments, to South Bend Machine Mfg. Co. Machine for molding cement bricks.	833,953	Oct. 23	3972	843-4	124	2316
Brown, George, and G. Taylor, Ladd, Ill. Shaft-gate.	812,814	Feb. 20	2585	568	120	2138
Brown, George H., Norfolk, Va. Machine for making veneer-stave barrels.	811,031	Jan. 30	4931	1029	120	1232
Brown, George M., Otto, N. Y. Computing device.	809,605	Jan. 9	2026	420	120	477
Brown, George T., R. L. Williamson, R. J. Parrish, and C. K. Nail, Winston Salem, N. C. Tobacco-dipping machine.	828,455	Aug. 14	1541	325	123	2079
Brown, George W., Hyde Park, Mass. Cable-reel winder and brake.	815,261	Mar. 13	2528	530	121	610
Brown, Hamet, New York, N. Y. Conveyer.	818,225	Apr. 17	3349	718	121	2202
Brown, Hamilton E., Yonkers, N. Y. Emergency-chain for railways.	819,265	May 1	460	97	122	107
Brown, Hannah E., Magnolia, Mass. Wearing-apparel.	815,329	Mar. 20	2711	565	121	697
Brown, Harry J. (See Hebert and Brown.)						
Brown, Henry. (See Wheeler, Joseph, assignor.)						
Brown, Henry T., Wilkinsburg, Pa. Car-brake.	823,255	June 12	2097	436	122	2235
Brown, Henry W., et al. (See Brendel, Frank E., assignor.)						
Brown, Herbert L. (See Cashdollar and Brown.)						
Brown, Herbert S. (See Sittmann, Gustav, assignor.)						
Brown, Herbert S., New York, N. Y. Oscillating electric fan.	809,356	Jan. 9	1501	304	120	365
Brown Hoisting Machinery Company. (See Brown, Alexander E., assignor.)						
Brown, Holcombe J., Chicago, Ill. Centrifugal hair-separator.	838,377	Dec. 11	2211	479	125	1946
Brown, Homer J., Washington, D. C. Lubricator.	814,269	Mar. 6	523	108	121	112
Brown, Horace, Springfield, Mass. Tennis-racket.	823,028	June 12	1602	331	122	2126
Brown, Horace F., Chicago, Ill. Reducing ores.	817,414	Apr. 10	1721	362-3	121	1796
Brown, Horace F., Chicago, Ill. Ore-reducing furnace.	817,415	Apr. 10	1723	363	121	1796
Brown, Horace P., Alameda, Cal., assignor to Pacific Manifold Book Company, Carson City, Nev. Sales-book.	831,023	Sept. 11	2237	473	124	590
Brown, Howard J., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray.	815,004	Mar. 13	1999	420	121	490
Brown, James. (See Brown, William and J.)						
Brown, James A., Philadelphia, Pa. Anchorage for concrete structures.	827,613	July 31	6055	1257	123	1589
Brown, James A., Chicago, Ill. Yieldable gear-wheel.	830,641	Sept. 11	1522	314	124	409
Brown, James H. (See Gilman and Brown.)						
Brown, James H., St. Charles, assignor of one-half to H. D. Kirk, Chicago, Ill. Fence.	809,906	Jan. 9	2572	532	120	598
Brown, James O., Jr., et al. (See Brown, James O., Sr., assignor.)						
Brown, James O., Sr., assignor of seven-tenths to W. E. and J. O. Brown, Jr., W. T. Jamison, and R. H. Manning, Kansas City, Mo. Corn-planter.	836,917	Nov. 27	4052	866	125	1134
Brown, James T., New York, N. Y. Folding phonograph-horn.	811,900	Feb. 6	703	154	120	1634
Brown, James T., New York, N. Y. Phonograph-horn.	813,999	Feb. 27	4937	1092	120	2704
Brown, James W., Minneapolis, Minn. Automatic pressure-retainer.	808,811	Jan. 2	372	80	120	82
Brown, Jasper C. (See Brown, John L., J. C., and W. M.)						
Brown, Jerome A., and B. Bybee, Portsmouth, Ohio. Rural mail-box.	814,428	Mar. 6	881	180	121	192
Brown, Jessie T. (See Meaders and Brown.)						
Brown, John, Camden, N. J. Trolley-wheel.	831,412	Sept. 18	3023	643	124	814
Brown, John E., et al. (See Kilroy, Patrick M., assignor.)						
Brown, John H., and C. Francisus, Pittsburg, Pa. Fire-escape.	813,139	Feb. 20	3251	715	120	2285
Brown, John L., Lacon, J. C. and W. M. Brown, Vinemont, Ala. Driver for grinding-mills.	826,224	July 17	3125	649	123	823
Brown, John R., China Grove, N. C. Match-scratcher and advertising attachment.	820,384	May 15	2754	599	122	737
Brown, John R., Manchester, England. Means for laying or erecting telegraph and like poles.	826,708	July 24	4135	858-9	123	1098
Brown, John R., and I. Harter, Jr., Mansfield, Ohio, assignors to Stirling Consolidated Boiler Company, New York, N. Y. Manhole plate or cover.	836,859	Nov. 27	3912	835	125	1102
Brown, John R., and K. Park, Mansfield, Ohio. Water-tube boiler.	832,590	Oct. 9	1150	230	124	1531
Brown, John R., and K. Park, Mansfield, Ohio. Water-tube boiler.	832,591	Oct. 9	1151	230	124	1532
Brown, John S. (See Fulton and Brown.)						
Brown, John W., Hammond, Ill. Towel or dish-cloth holder.	823,029	June 12	1603	332	122	2127
Brown, John W., assignor to National Carbon Company, Cleveland, Ohio. Dry-battery cell.	836,480	Nov. 20	3134	665	125	871
Brown, John W., assignor to National Carbon Company, Cleveland, Ohio. Battery-cell.	838,165	Dec. 11	1796	386	125	1846
Brown, John W., and C. W. Jenkins, Washington, D. C. Trolley-shield.	816,148	Mar. 27	4399	930	121	1116
Brown, Joseph. (See Hickey and Brown.)						
Brown, Joseph E., Cheyenne, Okla. Ter. Fly-trap for screen-doors.	832,892	Oct. 9	1771	365	124	1678
Brown, Lewis A., St. Louis, Mo., assignor to St. Louis Steel Enameled Brick and Seal Company. Seal.	830,565	Sept. 11	1363	283	124	366
Brown, Lewis A., and R. Lang, St. Louis, Mo.; said Lang assignor to said Brown. Brick-machine.	828,377	Aug. 14	1383	292	123	2038

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Brown, Lewis B., <i>et al.</i> (See Dudson, John E., assignor.)						
Brown, Lewis R., South Orange, N. J., and F. H. Wentworth, New York, N. Y.; said Wentworth assignor of thirty one-hundredths to said Brown. Electric switch.	818,226	Apr. 17	3351	718	121	2203
Brown-Lipe Gear Company. (See Brown, Alexander T., assignor.)						
Brown, Lloyd C., assignor of seven-eighths to L. H. and A. D. Blanton, Indianapolis, Ind. Automatic railway-switch adjuster.	827,138	July 31	4998	1043	123	1325
Brown, Luther P., assignor of one-half to C. H. Kenworthy, Chicago, Ill. Grease-proofing and moisture-proofing paper, &c.	838,607	Dec. 18	2656		125	2099
Brown, Mark A., assignor of one-half to T. J. Arline, Savannah, Ga. Non-refillable bottle.	830,566	Sept. 11	1365	283	124	367
Brown, Marshall W., Pittsburg, Pa. Supporting forms used in the construction of concrete and other masonry.	814,585	Mar. 6	1167	244	121	253
Brown, Michael F., Seattle, Wash. Means for securing logs in rafts.	836,627	Nov. 20	3411	728	125	936
Brown, Nathaniel H., Philadelphia, Pa. Revolving exhibit-display apparatus.	838,975	Dec. 11	1604	345	125	1797
Brown, Nathaniel H., assignor to Williams, Brown & Earle, Philadelphia, Pa. Pantograph.						
Brown, Orestes S., Milwaukee, Wis. Shade-roller and support therefor.	809,246	Jan. 2	1267	257-8	120	280
Brown, Peter, Greeley, Colo. Beet-topping machine.	818,516	Apr. 24	3930	846	121	2379
Brown, Peter, Bellingham, Wash., assignor to Troy Chemical Manufacturing Company, (Limited), Troy, Idaho. Retort-furnace.	820,385	May 15	2756	599	122	738
Brown, Peter, Tacoma, Wash. assignor to Troy Chemical Manufacturing Company, (Limited), Troy, Idaho. Retort for the distillation of woods.	835,237	Nov. 6	729	151-2	125	185
Brown, Philip C., New Albany, Ind. Hame-fastener.	835,747	Nov. 13	1698	362	125	472
Brown, R. J., <i>et al.</i> (See Henzel, Casper H., assignor.)	831,643	Sept. 25	3514	736	124	978
Brown, R. T. (See Offutt, John W., assignor.)						
Brown, Robert A., Chicago, Ill. Life-boat.	812,815	Feb. 20	2586	568	120	2138
Brown, Robert H., and J. Hirsch, Los Angeles, Cal. Saw.	817,361	Apr. 10	1605	340	121	1771
Brown, Ross D., assignor of one-third to R. H. Riffe, Muncie, Ind. Glass-gathering machine.	838,768	Dec. 18	2953	636-7	125	2171
Brown, Roy, and A. Ralya, Karns City, Pa. Switch-lock.	831,413	Sept. 18	3025	643	124	815
Brown, Roy W., Amsterdam, N. Y. Electric controller.	836,666	Nov. 27	3517	751	125	898
Brown, Samuel M., Richland, Mich. Package for butter.	823,030	June 12	1604	332	122	2127
Brown, Seth A., executor. (See Brown, Benoni S.)						
Brown & Sharpe Manufacturing Company. (See Gabriel, Charles R., assignor.)						
Brown and Sharpe Manufacturing Company. (See Parker, John, assignor.)						
Brown and Sharpe Manufacturing Company. (See Thacher, John J., assignor.)						
Brown and Sharpe Manufacturing Company. (See Wingo, Richard T., assignor.)						
Brown, Silas B., Cincinnati, Ohio. Time-controlled damper.	808,896	Jan. 2	548	121	120	121
Brown, Stephen P., Stratford, Conn. Laminated multiple-arch concrete dam.	818,738	Apr. 24	4389	940	121	2481
Brown Straw Binder Company. (See Wanamaker and Miles, assignors.)						
Brown, Summers, London, England. Frame for use with rotary duplicating or printing machines and the like.	825,186	July 3	988	208	123	258
Brown, Susan A. (See O'Donnell, Felix, assignor.)						
Brown, Theophilus, assignor to Richardson Manufacturing Co., Worcester, Mass. Maturespreader.	821,779	May 29	5614	1196	122	1482
Brown, Thomas. (See McConnell, Louis Y., assignor.)						
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Hopper-bottom car.	816,070	Mar. 27	4246	899	121	1082
Brown, Thomas R., New York, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Draw-bar-centering device for railway-cars.	821,084	May 22	4231	900	122	1120
Brown, Thomas R., New York, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Draw-bar-centering device for railway-cars.	821,085	May 22	4232	900	122	1120
Brown, Thomas R., New York, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Stake for the sides of railway-cars.	827,501	July 31	5826	1208	123	1530
Brown, Thomas W., Iowa Falls, Iowa. Shocker attachment for binders.	815,141	Mar. 13	2292	479-80	121	556
Brown, Walter S., and H. W. Enderis, Lincoln, Nebr. Feeding attachment for printing-presses.	815,262	Mar. 13	2530	531	121	610
Brown, Walter W., Schenectady, N. Y., assignor to General Electric Company. Electromagnet.	826,307	July 17	3268	676	123	858
Brown, Washington L., Clinton, Me. Wagon.	822,042	May 29	6117	1303	122	1595
Brown, Will B., Goshen, Ind. Light-fixture.	827,783	Aug. 7	190	38-9	123	1716
Brown, William, and A. Weber, San Francisco, Cal. Backing-lumber for half-tones.	832,530	Oct. 2	1018	204	124	1457
Brown, William and J., Vancouver, Canada. Carburetor.	817,218	Apr. 10	1331	277	121	1714
Brown, William A., Oakland, Cal. Electrical water-heater.	820,282	May 8	2567	557	122	634
Brown, William A., Chicago, Ill. Rotary engine.	822,426	June 5	377	78-9	122	1807
Brown, William A., Brookhaven, Miss. Envelop and stamp moistener.	838,076	Dec. 11	1605	345	125	1797
Brown, William B., Baltimore, Md. Optometer.	814,512	Mar. 6	1025	211-12	121	223
Brown, William D., Indianapolis, Ind., and C. H. Campbell, Springfield, Ohio. Indicator for letter-cases.	820,697	May 15	3368	722	122	867
Brown, William E., <i>et al.</i> (See Brown, James O., Sr., assignor.)						
Brown, William E. (See Browning, Edmund T., assignor.)						
Brown, William F., San Francisco, Cal. Jeweler's implement.	816,777	Apr. 3	448	101	121	1457
Brown, William H., Indianapolis, Ind. Heater.	811,273	Jan. 30	5412	1129	120	1335
Brown, William H., Indianapolis, Ind. Automatically-tightening railway rail-holder and tie.	817,544	Apr. 10	1985	419	121	1850
Brown, William H., Lockhart, Tex. Photographic-printing device.	812,816	Feb. 20	2588	559	120	2139
Brown, William H., Toledo, Ohio. Draft-beam.	819,335	May 1	615	130	122	142
Brown, William H., Syracuse, N. Y. Boiler-feeder.	839,546	Dec. 25	4506	960	125	2597
Brown, William H., assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Printing-machine.	820,472	May 15	2931	636	122	773
Brown, William H., assignor to Energy Elevator Company, Philadelphia, Pa. Hoisting apparatus.	820,764	May 15	3505	752	122	901
Brown, William L., Little Rock, Ark. Railway water-tank.	815,142	Mar. 13	2296	480	121	556
Brown, William M. (See Brown, John L., J. C., and W. M.)						
Brown, William M., Gibsonburg, Ohio. Hoisting-machine.	808,632	Jan. 2	23	6	120	8
Brown, William M., assignor of one-fourth to G. H. Parmelee, Johnstown, Pa. Operator's key for telephone-switchboards.	824,843	July 3	338	62	123	94
Brown, William M., Johnstown, Pa., assignor to Lorain Steel Company. Railway-track structure.	829,945	Sept. 4	13	3	124	5
Brown, William M., Johnstown, Pa., assignor to Lorain Steel Company. Electric-railway system.	830,131	Sept. 4	464	93-4	124	117
Brown, William N., assignor of one-half to F. Poignee, Lebanon, Ill. Miner's-cap attachment.	836,481	Nov. 20	3135	666	125	871
Brown, William P., Siler City, N. C. Wood-bending machine.	829,838	Aug. 28	4406	929-30	123	2875
Brown, William V., Berwick, Canada. Shingling-hatchet.	812,403	Feb. 13	1799	394	120	1931
Brown, William W., Media, Pa., assignor to Robert P. Brown Manufacturing Company, New York, N. Y. Safety-pin.	818,998	Apr. 24	4889	1049	121	2589

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Browne, Arthur W., Prince Bay, N. Y., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Tooth-shade guide.	825,578	July 10	1837	390	123	491
Browne, Arthur W., Prince Bay, N. Y., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Dental engine.	825,891	July 17	479	516	123	662
Browne, Arthur W., Prince Bay, N. Y., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Head-rest.	838,299	Dec. 11	2060	444-5	125	1908
Browne, Gaylord H., Chicago, Ill., assignor of one-half to C. A. Baker, Milwaukee, Wis. Automobile.	839,266	Dec. 25	3939	846-7	125	2459
Browne, George W., New York, N. Y. Soap-shaver.	821,982	May 29	6000	1279	122	1567
Browne, George W., New York, assignor to G. W. Adams, Brooklyn, and M. Mendel, New York, N. Y. Electric railway.	827,681	July 31	6210	1291	123	1630
Browne, Harry P. C., assignor of one-half to W. H. Palmer, Jr., New York, N. Y. Revolution-counter.	827,614	July 31	6056	1257	123	1590
Browne, Henry, Swampscott, Mass. Shoe.	819,845	May 8	1621	345	122	426
Browne, Henry F., Swampscott, Mass. Last.	837,913	Dec. 11	1258	277	125	1709
Browne, Henry F., Swampscott, assignor to Nail-Less Cushion Heel-Seat Company, Lynn, Mass. Last.	835,746	Nov. 13	1697	361	125	471
Browne, Herbert J., <i>et al.</i> , administrators. (See Browne, William F.)						
Browne, Lee O., <i>et al.</i> (See Jay, William H., assignor.)						
Browne, Ralph C., Salem, Mass. Inductive system.	831,599	Sept. 25	3410	716	124	951
Browne, Richard B., New York, assignor to Richey, Browne & Donald, Brooklyn, N. Y. Door-hanger.	813,399	Feb. 27	3765	827	120	2450
Browne, William F., deceased; H. J. Browne and E. B. Clark, administrators, Washington, D. C. Emulsion-fuel compound.	827,139	July 31	5001		123	1325
Browne, William J., Pittsburg, Pa. Pleasure-railway.	829,256	Aug. 21	3172	667-8	123	2526
Brownell, Edward J. (See Bosworth, Martin L., assignor.)						
Brownell, Frank A., assignor to Eastman Kodak Company, Rochester, N. Y. Lens-focusing mechanism for cameras.	831,324	Sept. 18	2873	609	124	777
Brownell, Frank A., assignor to Eastman Kodak Company, Rochester, N. Y. Lens-focusing device.	834,884	Nov. 6	13	3	125	6
Brownell, George L., Worcester, Mass. Feeding mechanism for metal-working machines.	833,770	Oct. 23	3545	755	124	2208
Brownell, Harry G., Louisville, Ky. Filing-machine.	829,839	Aug. 28	4408	930	123	2876
Brownell, William H., <i>et al.</i> (See Willis, Achille M., assignor.)						
Brownfield, Ewing, assignor of one-half to T. L. Klafke, Oklahoma, Okla. Ter. Street-railway switch.	814,827	Mar. 13	1671	349	121	424
Browning, Earl H. (See Browning, Victor R. and E. H.)						
Browning, Edmund T., assignor of one-half to W. E. Brown, Stockton, Cal. Automatic time circuit-breaker.	817,362	Apr. 10	1608	340	121	1772
Browning, Eli. (See Holloway and Browning.)						
Browning, George A. (See Lord and Browning.)						
Browning, John M., Ogden, Utah. Recoil-brake for automatic guns.	812,326	Feb. 13	1648	362	120	1901
Browning, John M., Ogden, Utah. Firearm.	818,739	Apr. 24	4390	940	121	2481
Browning, Melvin H., Perry, Ill. Seeder.	838,947	Dec. 18	3275	708	125	2247
Browning, Tillie J., Philadelphia, Pa. Eye for garment-hooks.	813,140	Feb. 20	3253	715	120	2285
Browning, Tillie J., Philadelphia, Pa. Garment-hook.	825,701	July 10	2126	444	123	565
Browning, Victor R. and E. H., Nottingham, Ohio. Safety lowering device.	814,828	Mar. 13	1673	350	121	425
Browning, William H., New York, N. Y. Tobacco-container.	839,720	Dec. 25	4864	1039	125	2684
Brownsville Glass Company. (See Harvey, George H., assignor.)						
Brownsville Glass Company. (See Speer, James R., assignor.)						
Brownsville Glass Company. (See Speer and Harvey, assignors.)						
Brubaker, John S., Sinnamahoning, Pa. Railway-tie.	821,853	May 29	5755	1225	122	1513
Brubaker, Oliver E. J., Allegheny, Pa. Fixed ammunition.	819,634	May 1	1176	257	122	264
Bruce, Alexander H., Washington, D. C. Soap-holder for washboards.	837,186	Nov. 27	4586	973	125	1263
Bruce, Brainerd T., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writer carriage. (Reissue.)	12,508	July 17	3765	780	123	987
Bruce, De Witt, and W. M. Delavan, assignors to Triumph Voting Machine Company, Pittsfield, Mass. Voting-booth.	831,703	Sept. 25	3661	765	124	1020
Bruce, James, Denison, Tex. Swab-holder.	825,514	July 10	1711	359	123	460
Bruce, John L., Kogarah, New South Wales, Australia. Automatic lighter and extinguisher for gas-burners.	816,962	Apr. 3	835	171-2	121	1543
Bruce, Thomas J., assignor of one-eighth to W. H. Clark, Chelsea, Ind. Ter. Guide means for freight-car doors and the like.	839,721	Dec. 25	4865	1040	125	2684
Bruce, William M., Jr., assignor to Select Telephone Manufacturing Company, Springfield, Ohio. Lock-out system for party-line telephones.	833,297	Oct. 16	2590	542	124	1932
Bruce, William M., Jr., assignor to Select Telephone Manufacturing Company, Springfield, Ohio. Lock-out system for party-line telephones.	833,298	Oct. 16	2592	542	124	1933
Bruce, William W., Bement, Ill. Wagon-standard.	832,008	Sept. 25	4248	888	124	1167
Brucker, Francis, Shelby, Ohio. Washing-machine.	827,140	July 31	5002	1044	123	1325
Bruckman, John, San Francisco, and A. E. Maiden, Oakland, Cal. Platen-press roll-fed attachment.	830,766	Sept. 11	1783	368	124	479
Brude, Ole, Aalesund, Norway. Life-boat.	835,498	Nov. 13	1240	267	125	358
Brudewold, Canute L. (See Martin, Joseph G., assignor.)						
Brueck, Otto, Jersey City Heights, N. J. Packing for partitions for washtubs and the like.	836,628	Nov. 20	3412	728	125	937
Bruen, Edwin C., Brooklyn, N. Y. Inclined railway.	835,662	Nov. 13	1555	333	125	436
Bruen, James O., and W. Ackerman, Chanute, Kans. Apparatus for extracting and applying well-tubing, &c.	828,708	Aug. 14	2034	429	123	2205
Brühl, Ernst, Berlin, Germany. Powder for dusting patterns in foundries.	811,477	Jan. 30	5774		120	1411
Brühl, Paul. (See Riebe and Brühl.)						
Bruman, Otto F., Schenectady, N. Y., assignor to General Electric Company. Emergency-governor for steam-engines.	818,345	Apr. 17	3582	766-7	121	2251
Brumbaugh, Martin P. (See McKinney, Clayton A., assignor.)						
Brunnerhop, Diedrich, Boston, Mass. Non-refillable bottle.	822,181	May 29	6383	1355	122	1655
Brun, Joseph, Chaux-de-Fonds, Switzerland. Watch-regulator.	824,466	June 26	3446	943	122	2857
Brunck, Rudolph, Dortmund, Germany. Extracting ammonia from gases.	824,092	June 26	3694	787	122	2696
Brunck, Rudolph, Dortmund, Germany. Extracting ammonia from gases.	825,297	July 10	1212	256	123	334
Brundage, Robert K., <i>et al.</i> (See Torst, William, Jr., assignor.)						
Brundage, T. J., <i>et al.</i> (See Torst, William, Jr., assignor.)						
Bruner, George C., assignor of one-half to C. Nussmeier, Evansville, Ind. Gasket.	829,840	Aug. 28	4410	931	123	2876
Bruner, Martin R., Wapakoneta, Ohio. Neck-yoke.	827,905	Aug. 7	408	87	123	1772
Bruner, Martin R., Wapakoneta, Ohio. Running-gear for vehicles.	829,500	Aug. 28	3696	780	123	2700
Bruner, Martin R., Wapakoneta, Ohio. Vehicle-axle.	832,034	Oct. 2	16	4	124	1217
Bruner, Martin R., Wapakoneta, Ohio. Hub-attaching device.	834,885	Nov. 6	16	3	125	7
Brunet, Léon, Brioude, France. Formation of a lithopone having a sulfite of baryta base.	838,769	Dec. 18	2959		125	2173
Brunette, Joseph, Rochester, N. Y. Non-refillable bottle.	824,278	June 26	4047	866	122	2774

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Brunhoff, Edward, Cincinnati, Ohio. Cigar-cutter.....	828,087	Aug. 7	800	166	123	1868
Brunhoff, Edward, Cincinnati, Ohio. Cigar-tip cutter.....	828,088	Aug. 7	802	166	123	1869
Brunhoff, Edward, Cincinnati, Ohio. Cigar-cutter.....	831,533	Sept. 25	3278	690	124	914
Brunhoff Manufacturing Company. (See Walker, Edwin, assignor.) (Reissue.)						
Brunler, Oscar, Leipsic-Gohlis, Germany. Apparatus for advertisement and heating purposes.....	829,501	Aug. 28	3698	780	123	2701
Brünler, Oscar H. U., Leipsic-Gohlis, Germany. Apparatus for making nitric acid.....	834,257	Oct. 30	4766	1008	124	2553
Brunnemer, William T. M., Monmouth, Ill. Plow.....	836,238	Nov. 20	2651	558-9	125	755
Brunner, Josef, Pinegrove, Mont. Animal-call.....	813,853	Feb. 27	4660	1031	120	2647
Brunner, Leonard, <i>et al.</i> (See Green, John J., assignor.)						
Brunner, Margaret A., New York, N. Y. Umbrella attachment.....	809,551	Jan. 9	1904	395	120	451
Bruno, Pietro, Turin, Italy. Device for securing and sealing doors, &c.....	826,647	July 24	4019	833	123	1068
Bruno, Pietro, Turin, Italy. Punch for operating seal-locks.....	827,055	July 24	4797	1000	123	1260
Brunotte, Friedrich, Hamburg, Germany. Screen for sewage or the like.....	819,720	May 8	1358	293	122	365
Brussens, William F., assignor of one-half to J. H. Dierks, New York, N. Y. Milk-can seal.....	828,187	Aug. 7	985	204	123	1912
Brunswick-Balke-Collender Company. (See McCarthy, Dennis F., assignor.)						
Brunswick-Balke-Collender Company. (See McIntire, Jacob N., assignor.)						
Brunswick, Fredrick L., Oswego, N. Y. Razor-strop.....	833,728	Oct. 23	3462	739-40	124	2186
Brunswick Refrigerating Company. (See Whitaker, Richard, assignor.)						
Brunton, David W., Denver, Colo. Universal transit instrument.....	837,791	Dec. 4	1019	227	125	1606
Brush, Alanson P., Detroit, Mich. System of splash lubrication. (Reissue).....	12,524	Aug. 28	4667	978	123	2942
Brush, Charles F. (See Linde, Carl, assignor.)						
Brush, John T. (See Cox, Henry G., assignor.)						
Brush, William, Weehawken, N. J. Dental can.....	811,370	Jan. 30	5593	1168	120	1374
Brust, William H. (See Eastey, Samuel L., assignor.)						
Bryton, David A., Clarksville, Tex. Rail-joint.....	828,378	Aug. 14	1384	292	123	2038
Bryan, Arthur, Minworth Hall, Minworth, and W. Jones, Holly Mount, Redhill, England. Sprinkler.....	830,963	Sept. 11	2125	450	124	563
Bryan, Dempsey T., and O. Sadler, Rocky Mount, N. C. Clothes-line pin.....	820,177	May 8	2356	512	122	587
Bryan, Guy H., Plankinton, S. D. Lawn-mower.....	833,996	Oct. 23	4179	886	124	2359
Bryan, James L., Hot Springs, Ark. Attachment for platform-scales.....	834,258	Oct. 30	4767	1008	124	2553
Bryan, John H. B., Buffalo, N. Y. Apparatus for drawing patterns from molds.....	827,416	July 31	5606	1159-60	123	1476
Bryan, John H. B., Buffalo, N. Y., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Clutch mechanism.....	812,817	Feb. 20	2592	569	120	2139
Bryan Manufacturing Company. (See Fischer, Jens J. O., assignor.)						
Bryant, Albert L., Boston, Mass. Ticket-holder.....	838,003	Dec. 11	1433	311	125	1753
Bryant, Albert L., Boston, Mass. Ticket-holder.....	838,004	Dec. 11	1434	311	125	1754
Bryant, Asa T. (See Newell and Bryant.)						
Bryant, Charles A., Wakefield, Mass., assignor to Oakville Company, Waterbury, Conn. Safety-pin.....	825,579	July 10	1838	390	123	491
Bryant Electric Company. (See Goodridge, Gilbert W., assignor.)						
Bryant Electric Company. (See Jones, William W., assignor.)						
Bryant Electric Company. (See Seeley, Frank E., assignor.)						
Bryant, Fred A. (See Williams, Bert L., assignor.)						
Bryant, Frederic J., New York, N. Y. Fire-escape.....	836,432	Nov. 20	3060	649	125	853
Bryant, Herschel L., Tonkawa, Okla. Ter. Trolley.....	830,409	Sept. 4	1031	215	124	255
Bryant, Isaac V. (See Long and Bryant.)						
Bryant, John M., and J. B. Allen, Detroit, Mich. Closet-bowl seat.....	812,480	Feb. 13	1932	426	120	1960
Bryant, Niles, Battle Creek, Mich. Tuning instrument.....	813,769	Feb. 27	4475	988	120	2607
Bryant, Ralph R., Newark, N. J. Feed-bag.....	835,128	Nov. 6	513	103	125	132
Bryant, Richard S., Columbus, Ohio. Vehicle-wheel.....	816,149	Mar. 27	4401	930	121	1116
Bryant, Thomas W., Torrington, Conn. Fishing-reel.....	832,291	Oct. 2	552	104	124	1346
Bryant, Walter G., Cartersville, Mo. Crushing-rolls.....	826,140	July 17	2959	615	123	784
Bryant, Warren S., Adhall, assignor of one-half to C. C. Dockery, Cameron, Tex. Hay-press power.....	808,633	Jan. 2	27	6	120	8
Bryant, Willard, and N. L. Thomas, Detroit, Mich. Valve for cornets and band instruments.....	839,547	Dec. 25	4507	961	125	2597
Bryant, William A., assignor of one-fourth to T. W. Rouse, Wetumpka, Ala. Reinforced concrete cross-tie.....	828,837	Aug. 14	2280	485	123	2269
Bryant, William E., assignor to Michigan Lubricator Co., Detroit, Mich. Automatic checks for feed-glasses and water by-passes for lubricators.....	837,790	Dec. 4	1017	227	125	1606
Bryant, William E., G. M. Wolcott, and R. Davidson, assignors to Michigan Lubricator Company, Detroit, Mich. Lubricator.....	814,016	Mar. 6	21	4-5	121	6
Bryar, George, Boston, Mass., assignor of seven-eighths to J. M. Smith, St. Johns, Canada. Frictional lock-nut for bolts.....	838,948	Dec. 18	3276	708	125	2248
Bryce, Henry, Cohoes, N. Y. Guide for sewing-machines.....	814,513	Mar. 6	1029	212-13	121	224
Bryce, Robert M., Chicago, Ill. Machine for molding, dividing, and shaping dough.....	820,386	May 15	2758	600	122	738
Brynildsen, Jac. Canby, Minn. Dispensing label-holder.....	836,086	Nov. 20	2328	491-2	125	678
Bryon, William J., Jr., New York, N. Y. Punching-bag apparatus.....	815,677	Mar. 20	3404	711	121	871
Bryson, David K., assignor to Bryson & Howe, Pittsburg, Pa. Cycle-pump.....	819,690	May 1	1294	281	122	291
Bryson & Howe. (See Bryson, David K., assignor.)						
Brzycky, Antoni, Minneapolis, Minn. Window-bracket.....	821,983	May 29	6001	1279-80	122	1568
Bubar, John H., Denver, Colo. Shipping-crate.....	813,944	Feb. 27	4838	1068	120	2683
Bubb, Harry A., Williamsport, Pa. Pulley.....	827,346	July 31	5428	1128	123	1434
Bubenheim, Henry J., Pittsburg, Pa. Roller-table.....	811,820	Feb. 6	536	119	120	1599
Bucciari, Benedetto, Sharpsburg, assignor of one-half to V. De Luca, Pittsburg, Pa. Safety device for oil-cans.....	809,281	Jan. 9	1350	274	120	332
Buccola, Joseph, Chicago, Ill. Dress-chart.....	831,826	Sept. 25	3880	813	124	1024
Buch, Royer S., Elizabethtown, Pa. Land-roller.....	819,721	May 8	1360	294	122	366
Buchanan, Archibald, Jr., New York, N. Y. Floor-flange for water-closet bowls.....	812,543	Feb. 13	2081	455	120	1990
Buchanan, Benjamin G., Ashland, Wis. Securing device for shoe-laces.....	820,698	May 15	3372	722	122	868
Buchanan, Charles G., Brooklyn, N. Y. Crushing-machine.....	819,976	May 8	1917	424	122	487
Buchanan, Duncan J., Detroit, Mich. Revolver-lock.....	814,017	Mar. 6	24	5	121	7
Buchanan, Ernest L. (See Christiansen, Noll, and Buchanan.)						
Buchanan, Frank, Dayton, Ohio. Headlight.....	830,767	Sept. 11	1786	368-9	124	480
Buchanan, Frank, Syracuse, N. Y. Screen attachment for headlights.....	830,768	Sept. 11	1789	369	124	481
Buchanan, Frank L., St. Louis, Mo. Paint composition.....	831,497	Sept. 18	3185		124	857
Buchanan, George P., Allegheny, Pa. Attachment for stringed instruments.....	816,898	Apr. 3	696	143	121	1513
Buchanan, Gilbert D., Saratoga, Wyo. Brake mechanism for vehicles.....	819,511	May 1	943	206	122	211
Buchanan, John A., Pittsburg, Pa. Swingletree.....	809,769	Jan. 9	2333	483	120	545
Buchanan, Judson, assignor to Chattanooga Plow Company, Chattanooga, Tenn. Cane-mill.....	819,037	May 1	6	2	122	4
Buchanan, Judson, assignor to Reversible Disc Plow & Implement Company, Chattanooga, Tenn. Plow.....	819,038	May 1	8	3	122	5

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Buchanan, Leonard B., Woburn, Mass. Electric fuse.....	838,235	Dec. 11	1934	414	125	1878
Buchanan, Rea, Peoria, Ill. Ice-cream dipper.....	820,473	May 15	2939	636	122	776
Buchanan, Robert, Jr., New York, N. Y. Pleasure-railway.....	828,921	Aug. 21	2468	523	123	2346
Buchanan, William C. K., Kansas City, Mo. Mandrel for dental engines.....	820,474	May 15	2941	637	122	776
Bueher, Bertram H., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyer.....	811,125	Jan. 30	5092	1065-6	120	1265
Bucher & Gibbs Plow Company. (See Allen, Lemuel E., assignor.)						
Bucher & Gibbs Plow Company. (See Niesz and Stewart, assignors.)						
Bucher & Gibbs Plow Company. (See Stewart, Jonathan M., assignor.)						
Buchner, Albert, and E. P. McClure, Chicago, Ill. Journal-bearing.....	820,765	May 15	3508	752	122	901
Buck, Charles H. (See Holland and Buck.)						
Buck, Daniel J. F., Chicago, Ill. Gas water-heater.....	817,219	Apr. 10	1333	279	121	1715
Buck, Frank C., Prahran, Victoria, Australia. Valve and cock.....	817,040	Apr. 3	982	201	121	1577
Buck, Fred A., Hubbardston, Mich. Stove.....	826,308	July 17	3272	676-7	123	859
Buck, George E., Newburg, Iowa. Attachment for grinding-machines.....	825,803	July 10	2319	484	123	611
Buck, Harold W., Niagara Falls, N. Y., assignor to General Electric Company. Electric cable.....	816,428	Mar. 27	4987	1059	121	1239
Buck, Harold W., Niagara Falls, N. Y., assignor to General Electric Company. Electric-car heater.....	825,298	July 10	1213	256	123	334
Buck, Stephen E., Moline, Ill. Music-holder.....	838,077	Dec. 11	1606	345-6	125	1797
Buck, Taylor S., New York, N. Y. Stamp.....	808,812	Jan. 2	374	80	120	83
Buck, Thomas F., Newark, N. J. Non-refillable bottle.....	829,626	Aug. 28	3968	839	123	2767
Buck, William L., New York, N. Y. Transmission-gear.....	826,309	July 17	3274	677	123	860
Buckeye Fence Machine Company. (See Harris, Jonathan, assignor.)						
Buckeye Iron & Brass Works. (See Hubbell, Joseph H., assignor.)						
Buckeye Lubricating Company. (See Fickes, John C., assignor.)						
Buckeye Manufacturing Company. (See Lambert and Fuller, assignors.)						
Buckham, George T. (See Dawson and Buckham.)						
Buckingham, Albert E., Oakland, assignor to Buckingham Manufacturing Company, San Francisco, Cal. Cigarette-making device.....	816,150	Mar. 27	4403	930	121	1117
Buckingham, Charles L., New York, and E. Germann, Brooklyn, N. Y.; said Germann assignor to said Buckingham. Telegraphy.....	826,472	July 17	3586	748	123	938
Buckingham, Charles L., New York, and E. Germann, Brooklyn, N. Y.; said Germann assignor to said Buckingham. Feeding mechanism for perforating-machines for preparing telegraphic messages for automatic transmission.....	832,035	Oct. 2	17	4-5	124	1217
Buckingham, George B., Brookville, Ind. Animal-sling.....	833,119	Oct. 9	2195	461	124	1783
Buckingham, George H., Los Angeles, Cal. Chicken-roost.....	819,204	May 1	345	74	122	84
Buckingham, John E., Jr., assignor of one-half to R. M. Mullett, Washington, D. C. Fish-hook.....	831,211	Sept. 18	2639	555	124	716
Buckingham Manufacturing Company. (See Buckingham, Albert E., assignor.)						
Buckius, Albert O., Jr., assignor to National Malleable Castings Company, Chicago, Ill. Rail-anchor.....	831,140	Sept. 18	2513	530	124	686
Buckius, Albert O., Jr., Chicago, Ill., assignor to National Malleable Castings Company, Cleveland, Ohio. Friction draft-rigging.....	832,953	Oct. 9	1886	392	124	1705
Buckius, Edward M., Los Angeles, Cal. Collapsing tap.....	832,716	Oct. 9	1409	284	124	1592
Buckland, Amos B., Rochester, N. Y. Adjustable incandescent-light holder.....	828,709	Aug. 14	2037	490	123	2206
Buckland, Edward S., assignor of one-half to W. J. Haskin, Binghamton, N. Y. Envelop-moistener.....	811,478	Jan. 30	5775	1209	120	1411
Buckley, Charles A., Grass Valley, Orig. Door-hanger.....	836,239	Nov. 20	2654	559	125	756
Buckley, Frank W., <i>et al.</i> (See Willson, James F., assignor.)						
Buckley, Henry, <i>et al.</i> (See Smith, Frank A., assignor.)						
Buckley, Jeremiah F., D. C. Kline, and H. Singleton, assignors to Pritchard-Strong Company, Rochester, N. Y. Chuck.....	823,031	June 12	1605	332-3	122	2127
Buckley, John, Waterbury, Conn., assignor of one-half to G. H. Benjamin, New York, N. Y. Automatic lathe.....	834,359	Oct. 30	4948	1048-50	124	2599
Buckley, John D., Fermoy, Pa. Seed-dropper.....	818,936	Apr. 24	4772	1025-6	121	2563
Buckley, John J., T. P. McGinn, and J. A. Rogan, Plymouth, assignors of one-fourth to T. Roche, Boston, Mass. Spinning mechanism.....	811,528	Jan. 30	5869	1230-1	120	1430
Buckley, Louis H. (See Cather and Buckley.)						
Buckley, Miles J., Waterbury, Conn. Couch.....	821,333	May 22	4709	1003	122	1225
Buckley, Patrick J., Waukesha, Wis. Peat-oven.....	816,214	Mar. 27	4523	960-1	121	1142
Buckley, Patrick J., Waukesha, Wis. Peat-drier.....	825,957	July 17	2604	541	123	695
Bucklin, Charles A., assignor to B. J. Francis, New York, N. Y. Telephone apparatus.....	828,271	Aug. 7	1140	239-40	123	1948
Bucklin, Charles S., Baltimore, Md., assignor to National Canning & Manufacturing Company. Can-lining machine.....	815,402	Mar. 20	2882	599-600	121	735
Bucklin, Orson, Marietta, Minn. Combined end-gate and lifting-jack.....	821,458	May 22	4978	1058	122	1286
Bucklin, Orson, Marietta, Minn. End-gate and lifting-jack.....	831,534	Sept. 25	3279	690	124	915
Buckman, John S., College Point, N. Y. Adjustable form for making wire hat-frames.....	833,197	Oct. 16	2381	498-9	124	1878
Buckminster, Prescott S., Haywards, Cal. Indicator.....	811,532	Feb. 6	15	4	120	1488
Bucknam, Robert M., Medford, Mass. Gas-burner and fixture therefor.....	811,529	Jan. 30	5872	1231	120	1431
Buckner, Charles A. (See Smith, Dea C., assignor.)						
Buckner, George O. M. (See Totten, Eugene M., assignor.)						
Buckner, Moses L. S. and W. T. Shelbyville, Ky. Filter.....	818,868	Apr. 24	4649	998	121	2536
Buckner, William T. (See Buckner, Moses L. S. and W. T.)						
Buckwalter, Daniel T., Royersford, Pa. Mail-box.....	815,263	Mar. 13	2532	532	121	611
Buckwalter, Frank B., <i>et al.</i> (See Skidmore, Charles, assignor.)						
Buckwalter, Joseph R., Reading, Pa., assignor to Koller and Smith, New York, N. Y. Card-index.....	837,914	Dec. 11	1259	277	125	1709
Bucy, Alexander W., Detroit, Mich. Skirt-supporter.....	819,119	May 1	175	36	122	45
Bucy, Perl L., Bartlesville, Ind. Ter. Belt-tightener.....	836,918	Nov. 27	4057	866	125	1134
Bucyrus Company. (See Ferris, Walter, assignor.)						
Bucyrus Company. (See Ferris and Bager, assignors.)						
Bucyrus Company. (See Ferris and Magie, assignors.)						
Bucyrus Company. (See Knox, Samuel L. G., assignor.)						
Bucyrus Company. (See Knox and Ferris, assignors.)						
Bucyrus Company. (See Knox and Magie, assignors.)						
Bucyrus Company. (See Magie, William E., assignor.)						
Buda Foundry & Manufacturing Company. (See Gard, John J., assignor.)						
Buda Foundry & Manufacturing Company. (See Gerlach, Thomas A., assignor.)						
Buda Foundry & Manufacturing Company. (See Weston, William S., assignor.)						
Budd, Edward G. (See Old and Budd.)						
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Car-seat.....	814,514	Mar. 6	1032	213	121	225
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Car-seat.....	823,256	June 12	2099	437	122	2235

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Seat-frame.	825,804	July 10	2321	484	123	612
Budd, Edward G., and C. A. Condé, assignors to Hale-Kilburn Metal Company, Philadelphia, Pa. Car-seat.	830,410	Sept. 4	1032	215-16	124	255
Budd, Horace, Philadelphia, Pa. Fire-grate.	837,543	Dec. 4	519	120	125	1485
Budd, Mary. (See Cooper, James G., assignor.)						
Budde & Westermann. (See Müller and Zipprich, assignors.)						
Budenbach, William F., Scranton, Pa. Horseshoe-calk.	817,155	Apr. 10	1200	250	121	1686
Budlong, Irving J. (See Lomphey and Budlong.)						
Bueb, Julius, Dessau, Germany. Gas-producing apparatus.	822,246	June 5	28	6-7	122	1735
Buehler, Charles H., St. Marys, Ohio. Base-ball bat.	813,400	Feb. 27	3766	827	120	2450
Buehler, Fred, Chicago, Ill. Cabinet for phonograph-records.	832,954	Oct. 9	1887	392	124	1706
Buell, Charles E., North Plainfield, N. J., assignor to General Fire Extinguisher Company, New York, N. Y. Fire-extinguishing apparatus.	818,999	Apr. 24	4890	1050	121	2589
Buell, Charles E., North Plainfield, N. J., assignor to General Fire Extinguisher Company, New York, N. Y. Fire-extinguishing apparatus.	826,085	July 17	2863	594	123	762
Buell, Edward A., Dekalb, Ill. Party telephone-line.	811,691	Feb. 6	303	67	120	1552
Buell, Edward A., Dekalb, Ill. Party telephone-line.	811,692	Feb. 6	311	68	120	1554
Buell, George E., Rochester, N. Y. Anatomical brace for the cure of flat foot.	833,120	Oct. 9	2196	462	124	1784
Buerkle, August, Allegheny, Pa. Valve.	820,178	May 8	2357	512	122	587
Buermann, August. (See Turtton, Harry, assignor.)						
Buermann, August, Newark, N. J. Curber or controller for bridle-bits.	822,504	June 5	533	109	122	1842
Buescher, Ferdinand A., Elkhart, Ind. Wind musical instrument.	826,473	July 17	3590	748	123	938
Bueto, Randolph R., Slaughter, La. Fence-post.	833,577	Oct. 16	3173	674	124	2073
Bufano, Pasquale. (See Pierboni and Bufano.)						
Buff, Frank L., Eaton, Ill. Bow-facing oar.	808,720	Jan. 2	197	43	120	46
Buff, Frank L., Eaton, Ill. Floor-clamp.	829,946	Sept. 4	14	3	124	5
Buffalo Dental Manufacturing Company. (See Lewis, Theodore G., assignor.)						
Buffalo Forge Company. (See Carrier, Willis H., assignor.)						
Buffalo Forge Company. (See Müller, Frank X., assignor.)						
Buffalo Gas Generator & Manufacturing Company. (See Schrader, John R., assignor.)						
Buffalo Leather Co. (See Smith, William R., assignor.)						
Buffalo Lounge Co. (See Jacobs, Henry J., assignor.)						
Buffalo Pitts Company. (See Vraalstad, Edward J., assignor.)						
Buffalo Pitts Company. (See Vraalstad and Doyle, assignors.)						
Buffalo Steam Roller Company. (See Todd, Marquis J., assignor.)						
Buffard, Blaise, Paris, France. Safety-inkstand.	823,257	June 12	2101	437	122	2235
Buffelen, John, Tacoma, Wash. Woodworking-machine.	809,552	Jan. 9	1905	395-6	120	451
Buffer Spring Mattress Company. (See Martin, Francis, assignor.)						
Buffington, Charles R., Fort Benton, Mont. Current-motor.	823,665	June 19	2908	615	122	2470
Buffington, George W., assignor of one-half to A. L. Mumma, Mechanicsburg, Ohio. Window.	827,958	Aug. 7	532	109	123	1804
Buffum, Herbert H., assignor to H. H. Buffum Company, Abington, Mass. Slide-gear.	818,662	Apr. 24	4237	911	121	2447
Bug, Abel, Berlin, Germany. Paper-feeding machine.	829,459	Aug. 28	3621	760-1	123	2683
Bugbee, Louie G., Polo, Ill. Steam-generator.	837,544	Dec. 4	520	120	125	1485
Bugby, Sullivan, Soldiers Home, Cal. Fence.	810,260	Jan. 16	3338	693	120	811
Buggé, Rasmus, London, England. Brake for motor-cars.	818,815	Apr. 24	4557	977	121	2517
Buhl, William, Minneapolis, Minn. Wrench.	823,390	June 12	2332	489	122	2284
Buhles, William C., San Francisco, Cal., assignor, by mesne assignments, to Hermetic Closure Co., Chicago, Ill. Apparatus for applying liquid to covers of receptacles.	823,391	June 12	2334	489	122	2284
Buhoup, Harry C., Chicago, Ill. Journal-box.	824,406	June 26	4310	918	122	2826
Buhoup, Harry C., Chicago, Ill. Center-bearing for railway-cars.	829,502	Aug. 28	3698	781	123	2701
Buhrer, Casper, Sandusky, Ohio. Metallic railway-tie and rail-fastening.	819,846	May 8	1623	346	122	426
Buhrer, Casper, Sandusky, Ohio. Metallic railway-tie.	819,977	May 8	1920	425	122	488
Buley, Olga E., Shepherd's Bush, London, England. Appliance for retaining blankets, rugs, and similar coverings in position.	816,710	Apr. 3	320	74	121	1431
Bulger, Peter, Sturgeon, Pa. Nut and bolt lock.	830,964	Sept. 11	2127	450	124	564
Bull, Charles C., Lester, Iowa. Wrench.	826,401	July 17	3448	716	123	902
Bull, George P., Ojus, Fla. Sash-operating mechanism.	828,188	Aug. 7	985	204	123	1912
Bull, Harcourt W. (See Wesson and Bull.)						
Bull, Thomas, Santa Clara, Cal. Hydrocarbon generator and burner.	837,604	Dec. 4	652	150	125	1516
Bull, Thomas J., New York, N. Y. Lamp-rheostat.	815,330	Mar. 20	2712	565	121	697
Bullard, Albert M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Automatic telephone-exchange system.	826,310	July 17	3275	677-8	123	860
Bullard, Albert M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Automatic-exchange circuit.	838,006	Dec. 11	1437	312	125	1754
Bullard, Albert M., and W. H. Matthies, New York, N. Y., assignors to Western Electric Company, Chicago, Ill. Electrical circuit-interrupter.	838,005	Dec. 11	1436	312	125	1754
Bullard Automatic Wrench Company. (See Reynolds, Henry L., assignor.)						
Bullard, Charles R., St. Ives, county of Huntingdon, England. Non-skidding device for tires.	808,721	Jan. 2	199	43	120	46
Bullard, Dudley B., and J. J. Minter, Bridgeport, Conn. Incandescent-lamp socket.	826,225	July 17	3126	649	123	823
Bullard, Edward P., Jr., assignor to Bullard Machine Tool Company, Bridgeport, Conn. Counterbalancing device.	828,875	Aug. 21	2371	504	123	2320
Bullard, Edward P., Jr., assignor to Bullard Machine Tool Company, Bridgeport, Conn. Rotary-table bearing.	828,876	Aug. 21	2373	504	123	2321
Bullard, Edwin W., Springfield, Mass. Driving mechanism for profiling-machines.	812,818	Feb. 20	2593	569-70	120	2140
Bullard, Frank F., and G. H. Scott, assignors to Morgan Spring Company, Worcester, Mass. Detachable hook for spring-beds.	825,702	July 10	2127	444	123	566
Bullard, James H., Springfield, Mass. Speedometer.	816,639	Apr. 3	196	46	121	1404
Bullard, James H., Springfield, Mass. Insulator-pin.	823,461	June 12	2467	521	122	2312
Bullard Machine Tool Company. (See Bullard, Edward P., Jr., assignor.)						
Bullard, Paul R., Waltham, Mass. Educational appliance.	819,847	May 8	1625	346	122	427
Bulley, Louis T., New Haven, Conn. Shade-roller.	808,722	Jan. 2	200	43	120	46
Bulley, Louis T., New Haven, Conn. Attachment for prepayment gas-meters.	825,187	July 3	989	208-9	123	259
Bullock Electric Company. (See Rambeau, Harry L., assignor.)						
Bullock Electric Manufacturing Company <i>et al.</i> (See Behrend, Bernard A., assignor.)						
Bullock Electric Manufacturing Company. (See Brown, Arthur J., assignor.)						
Bullock Electric Manufacturing Company. (See Lord, Charles E., assignor.)						
Bullock Electric Manufacturing Company. (See Nichols, Louis C., assignor.)						
Bullock John H., Millerton, Kans. Stackers for grain or the like.	812,014	Feb. 6	980	214	120	1689
Bullock, Lewis C., Jr., Milesburg, Pa. Table.	818,663	Apr. 24	4239	911-12	121	2448
Bullock, Lewis C., Milesburg, Pa. Ironing-table.	823,580	June 19	2736	579-80	122	2430
Bullock, William C. A., Jackson, Miss. Combined undergarment and testes-supporter.	816,963	Apr. 3	837	172	121	1543
Bulman, Elvah O., Grand Rapids, Mich. Pen and pencil holder.	820,908	May 15	3834	818	122	972
Bulman, Elvah O., Grand Rapids, Mich. Twine-holder.	821,015	May 22	4084	870	122	1088

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Bultman, Henry D., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Dental plugger	832,955	Oct. 9	1888	393	124	1706
Bumer, Mary, <i>et al.</i> (See Jackson, Thomas B., assignor.)						
Bumpus, Fred R., and J. Kyle, Franklin, Pa. Floor-dressing machine	817,041	Apr. 3	984	201	121	1577
Bunce, Earl M., Fenton, Mich. Fence and other post	825,703	July 10	2128	444	123	566
Bunce, Theodore D., New York, N. Y. Hydrometer	829,460	Aug. 28	3625	761	123	2684
Bunce, William H., Jersey City, N. J., assignor to Woolworth & Graham, New York, N. Y. Postal-card printing and banding machine	812,180	Feb. 13	1350	294	120	1833
Bunch, Walter A., assignor to Climax Split Gland Company, Chattanooga, Tenn. Stuffing-box gland	835,007	Nov. 6	259	56-7	125	68
Bundsen, Adolf E., Chicago, Ill. Clasp	814,112	Mar. 6	219	43	121	47
Bundsmann, Emile T., assignor to K. Tingley, Point Loma, Cal. Combination for and the process of manufacturing artificial stone	839,722	Dec. 25	4866		125	2685
Bundy, Clifton L., and A. H. Manwaring, assignors to Philadelphia Electrical & Manufacturing Co., Philadelphia, Pa. Cut-out	836,482	Nov. 20	3136	666	125	871
Bundy, Cyrus L., Scranton, Pa. Poultry-car	819,512	May 1	946	207	122	212
Bundy, Cyrus L., assignor of two-thirds to G. E. Seeley and W. A. Bessmer, Scranton, Pa. Combined door hanger and track	836,860	Nov. 27	3913	835	125	1102
Bundy, Henry A. (See Emerick and Bundy.)						
Bundy, Henry C., assignor of two-thirds to F. Morrison and E. Pinsonneault, Watertown, N. Y. Door opening and closing device	829,365	Aug. 21	3392	715-16	123	2580
Bundy Manufacturing Company. (See Goss, Harry T., assignor.)						
Bundy Manufacturing Company. (See Martin, George L., assignor.)						
Bundy, Willard L., Binghamton, N. Y. Clock mechanism for time-recorders	831,498	Sept. 18	3186	674	124	857
Bunet, Paul, Paris, France, assignor to General Electric Company. Cooling dynamo-electric machines	837,033	Nov. 27	4296	912-13	125	1192
Bunge, Julius H. O., Buffalo, N. Y. Turbine	827,141	July 31	5004	1044-5	123	1325
Bunge, Julius H. O., Buffalo, N. Y. Elastic-fluid turbine	835,748	Nov. 13	1700	362	125	472
Bunke, Oscar. (See Fenn, William B., assignor.)						
Bunker, Carey E., Oregon, Mo. Reflector for magnifying-glasses	817,902	Apr. 17	2709	588	121	2064
Bunker, Charles M., <i>et al.</i> (See Cove, George H., assignor.)						
Bunker, George, Toronto, Ontario, Canada. Plasterer's hawk	832,036	Oct. 2	21	5	124	1217
Bunker, John W., assignor to Bunker Truss Company, New York, N. Y. Advertising device for trusses, &c.	839,267	Dec. 25	3941	847	125	2459
Bunker, Marcellus, Woburn, Mass. Vehicle-wheel	819,039	May 1	9	3	122	5
Bunker Truss Company. (See Bunker, John W., assignor.)						
Bunn, Joseph T., Washington, D. C. Support and hanger	825,299	July 10	1214	256	123	334
Bunnell, Charles D., New York, N. Y. Amusement apparatus	820,346	May 8	2672	584	122	658
Bunnell, Morton G., Chicago, assignor to Western Wheeled Scraper Co., Aurora, Ill. Crushing-machine	839,103	Dec. 25	3611	780-1	125	2378
Bunsen, William M., Galesville, Wis. Nest	820,952	May 22	3932	837	122	1056
Buquet, Alcide, and A. Crochet, Minerva, La. Car-unloading apparatus	824,621	June 26	4747	1011	122	2922
Burbank, Abner J., Harvard, Ill., assignor to Milwaukee Hay Tool Company, Milwaukee, Wis. Hoist	828,379	Aug. 14	1386	292	123	2039
Burbank, Abner J., Harvard, Ill., assignor to Milwaukee Hay Tool Company, Milwaukee, Wis. Hoist	828,380	Aug. 14	1387	293	123	2039
Burbank, Edward A., Berlin, N. H. Thawing apparatus	829,095	Aug. 21	2812	591	123	2435
Burbank, Henry L., and J. W. Manson, Akron, Ohio. Drawing-board	836,919	Nov. 27	4058	867	125	1135
Burbridge, Edwin W., Kenosha, Wis. Spring bed-bottom	835,394	Nov. 6	1044	224	125	264
Burch, Charles E. S., Seattle, Wash. Dredging-machine	814,270	Mar. 6	525	109	121	112
Burch, Herbert A., Kalamazoo, Mich. Carbureter	820,036	May 8	2065	451	122	523
Burch, William R., Chicago, Ill. Support for surgical needles	839,268	Dec. 25	3943	847	125	2460
Burcham, Andrew J., Kelso, Wash. Dredge	810,710	Jan. 23	4276	887	120	1056
Burchard, Bernhard T., Brooklyn, N. Y. Fluid-brake mechanism	811,198	Jan. 30	5268	1102	120	1303
Burchard, Bernhard T., Brooklyn, N. Y. Drill-jig	833,917	Oct. 23	3904	828	124	2298
Burchard, Bernhard T., and V. J. Wahlstrom, Brooklyn, N. Y. Clutch and counter-shaft mechanism	821,984	May 29	6002	1280	122	1568
Burchett, George W., Belleville, N. J. Self-playing piano	817,545	Apr. 10	1986	420	121	1851
Burckett, Charles H., deceased, Glenridge, N. J.; M. M. Burckett, administratrix. Machine for closing receptacles	828,381	Aug. 14	1387	293	123	2039
Burckett, Mary M., administratrix. (See Burckett, Charles H.)						
Burckhart, Henry B., Chicago, Ill. Loose-leaf binder	818,664	Apr. 24	4240	912	121	2448
Burckheimer, Marcus, <i>et al.</i> (See Fawcett, William N., assignor.)						
Burden, William H., Detroit, Mich. Shade or canopy supporting bracket	818,937	Apr. 24	4774	1026	121	2564
Burdette, Mims S., Greenville, S. C. Machine for making bands for spinning and twisting machines	819,848	May 8	1627	346-7	122	428
Burdg, William J., <i>et al.</i> (See Woodiwiss, Jason M., assignor.)						
Burdick, Charles L., London, England. Coloring-machine	822,578	June 5	692	140-1	122	1880
Burdick, Charles L., London, England. Color-printing machine	836,483	Nov. 20	3139	666-7	125	872
Burdick, Charles L., London, England. Color-printing machine	836,484	Nov. 20	3143	667-8	125	874
Burdick, Frank L., Nebraska City, Nebr. Smoker's appliance	833,121	Oct. 9	2198	462	124	1784
Burdick, John, Fort Shaw, Mont. Bouquet-holder	809,172	Jan. 2	1081	225	120	238
Burdick, Julian C., Jr., Flushing, N. Y. Cushion-tire	824,778	July 3	185	32	123	54
Burford, Robert, East Liverpool, Ohio. Wardrobe	835,701	Nov. 13	1619	345	125	461
Burg, G. N. (See Hoffken, Jerry G., assignor.)						
Burg, Louis, Dallas City, Ill. Coupling for doubletrees and swingletrees	824,063	June 19	3646	776	122	2628
Burgard, Jacob L., Chicago, Ill., assignor of one-half to J. M. Connel, Topeka, Kans. Automatic tagging-machine	835,176	Nov. 6	602	123-4	125	153
Burge, Fred, New Haven, Conn. Pulley-block	827,959	Aug. 7	534	109	123	1805
Burge, William J., Edgewood, R. I. Washboiler-drainer	833,729	Oct. 23	3465	740	124	2187
Burger, Edward, Kokomo, Ind. Stovepipe-cleaner	833,021	Oct. 9	2004	419	124	1735
Burger, Franz, Fort Wayne, assignor of three-fourths to H. M. Williams, Allen, Ind. Automatic equalizing piston-valve	824,903	July 3	458	90	123	122
Burger, Franz, and H. M. Williams, Fort Wayne, Ind.; said Burger assignor of one-half to said Williams. Fire-box	809,247	Jan. 2	1270	258	120	280
Burger, Frederick W., assignor to Fort Wayne Foundry and Machine Company, Fort Wayne, Ind. Furnace	819,849	May 8	1628	347	122	428
Burger, John P. (See Leilich and Burger.)						
Burger, Lufe. (See Warner, Joseph C., assignor.)						
Burger, Leopold F., assignor to Woolley Foundry & Machine Works, Anderson, Ind. Tandem gas-engine	816,215	Mar. 27	4526	961-2	121	1143
Burger, Reinhold, and A. Aschenbrenner, Berlin, Germany. Field or hunting flask	820,347	May 8	2673	584	122	658
Burgess, Alexander, Detroit, Mich. Batter-mixing machine	814,935	Mar. 13	1851	387	121	462
Burgess, Andrew, Owego, N. Y. Automatic magazine-gun	821,921	May 29	5882	1250	122	1542
Burgess, Andrew, Owego, N. Y. Automatic gun	821,922	May 29	5885	1251	122	1542
Burgess, Andrew, Owego, N. Y. Automatic gun	822,851	June 5	1227	253	122	1995

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Burgess, George M., assignor to Draper Company, Hopedale, Mass. Bobbin-spring . . .	825,704	July 10	2130	445	123	566
Burgess, James H., <i>et al.</i> (See Fraser, William K., assignor.)						
Burgin, Welby W., Richmond, Ky. Dentist's tweezers . . .	836,299	Nov. 20	2791	593	125	792
Burk, Charles A. D., Philadelphia, Pa. Measuring-machine . . .	835,933	Nov. 13	2051	438	125	555
Burke, Charles G., Brooklyn, N. Y., assignor of one-half to J. Q. A. Whittemore, Boston, Mass. Telephone . . .	809,423	Jan. 9	1661	341	120	397
Burke, Charles G., Brooklyn, N. Y., assignor of one-half to J. Q. A. Whittemore, Boston, Mass. Electric system of transmission . . .	823,505	June 19	2583	545	122	2399
Burke, Charles G. and E. J., Brooklyn, N. Y., assignors of twenty-one thirtieths to J. Q. A. Whittemore, Boston, Mass. Electric system of transmission . . .	822,579	June 5	697	141-2	122	1882
Burke, Charles G. and E. J., Brooklyn, N. Y., assignors of one-half to J. Q. A. Whittemore, Boston, Mass. Telephone system . . .	826,534	July 24	3783	785	123	1006
Burke, Edward J. (See Burke, Charles G. and E. J.)						
Burke, Edward J., Brooklyn, N. Y., assignor of one-half to J. Q. A. Whittemore, Boston, Mass. Electric bell . . .	827,077	July 31	4874	1016	123	1294
Burke, Frank. (See Rink, William E., assignor.)						
Burke, Henry B., Windber, Pa. Metallic tie and rail-fastener . . .	822,720	June 5	991	202	122	1946
Burke, Henry B., Windber, Pa. Car-brake . . .	824,467	June 26	4448	944	122	2857
Burke, Henry B., Windber, Pa. Trolley . . .	833,505	Oct. 16	3029	643	124	2035
Burke, Joseph, Victoria, Tex. Non-refillable bottle . . .	820,548	May 15	3105	668	122	812
Burke, Morgan E. (See Zimmerman and Burke.)						
Burke, Nathan L., Benton Harbor, Mich. Dental compress . . .	811,479	Jan. 30	5776	1209	120	1411
Burke, Patrick H., assignor to North & Judd Manufacturing Company, New Britain, Conn. Strap-buckle . . .	818,074	Apr. 17	3038	656	121	2135
Burke, Robert E., Hoboken, N. J. Valve . . .	825,705	July 10	2131	445	123	567
Burke, Stephen E., Butler, Ind. Automobile-climber . . .	825,300	July 10	1217	256	123	335
Burke, Thomas F., and T. L. Valley, Newcastle, Pa. Return-ball . . .	810,613	Jan. 23	4115	849	120	1020
Burke, Thomas N., Chicago, Ill. Fire-extinguisher . . .	821,780	May 29	5616	1197	122	1483
Burkhart, George W. (See Hartman, Noble W., assignor.)						
Burkholder, Isaac R., Dayton, Ohio, assignor of one-half to C. N. Heist, Cissnapark, Ill. Gate . . .	811,371	Jan. 30	5593	1168	120	1374
Burkholder, John H., assignor to W. V. B. Topping, Ashland, Ohio. Door-hanger . . .	833,438	Oct. 16	2885	612	124	2007
Burkholder, John R., Lancaster, Pa. Pneumatic horse-collar . . .	827,705	Aug. 7	20	4	123	1675
Burkins, Eugene, assignor of six-sevenths to J. W. McClellan, T. F. Erwin, B. Lavine, U. S. Bolen, G. M. Wright, and W. J. Rodgers, St. Louis, Mo. Milk-dipper . . .	821,700	May 29	5458	1163	122	1446
Burland, Jeffrey H., Montreal, Quebec, Canada. Measuring and registering device . . .	837,034	Nov. 27	4298	913	125	1193
Burley, Franklin G., Boston, Mass. Jar-closure . . .	813,276	Feb. 20	3493	770	120	2335
Burley, Harry S., Chicago, Ill., assignor to General Machinery & Supply Company. Animal-shears . . .	814,113	Mar. 6	220	43	121	48
Burlich, Henry, New York, N. Y. Rotary engine . . .	813,854	Feb. 27	4661	1031	120	2647
Burlingame, Fred E., Wrentham, Mass. Drying-machine . . .	835,096	Nov. 6	450	91	125	118
Burlingame, Frederick J., and J. Merrill, Woonsocket, R. I. Rail-sanding device . . .	831,323	Sept. 18	2876	610	124	778
Burnaby, Arthur S., Brighton, England. Electrically-propelled vehicle and permanent way therefor . . .	826,015	July 17	2720	563	123	727
Burnes, Frank, <i>et al.</i> (See Platt, George D., assignor.)						
Burnett, John. (See George and Burnett.)						
Burnett, Robert L., Hathers, Ga. Shovel-plow attachment . . .	828,638	Aug. 14	1901	400	123	2172
Burnette, Clifford R. (See Huston and Burnette.)						
Burnfield, David, Denver, Colo. Locomotive head and signal light . . .	823,392	June 12	2336	490	122	2284
Burnham, Arthur M., Gardiner, Me., assignor of one-half to W. G. Crawford, Washington, D. C. Shutter-worker . . .	818,346	Apr. 17	3584	767	121	2251
Burnham, Charles S., Philadelphia, Pa., assignor to Security Elevator Safety Company, New York, N. Y. Safety device for elevators . . .	826,535	July 24	3784	785	123	1006
Burnham, Fred P., <i>et al.</i> (See Anderson, Frederick L., assignor.)						
Burnham, George, Jr. (See Marsh, George A., assignor.)						
Burnham, Rollin, Storm Lake, Iowa. Wire-stretcher . . .	831,827	Sept. 25	3881	813	124	1074
Burnham, Williams & Company. (See Ehle and Nice, assignors.)						
Burnham, Williams & Company. (See Linton, Morris, assignor.)						
Burnham, Williams & Company. (See Webster, Walter O., assignor.)						
Burnop, Clara D. (See Simonds, Frank A., assignor.)						
Burns, Alvin C., East Lake, Ala. Concrete-wall mold . . .	836,667	Nov. 27	3521	751	125	999
Burns, Frederick W., Boston, Mass. Game apparatus . . .	809,606	Jan. 9	2023	420	120	477
Burns, George J. (See Chandler, Daniel L., assignor.)						
Burns, Henry C. (See Houston, Burns, and Van Voorhees.)						
Burns, Ira R., Bellwood, Pa. Embalming fluid . . .	835,781	Nov. 13	1781		125	494
Burns, James F. (See Stack and Burns)						
Burns, James F., Albany, N. Y. Device for supporting cables of electric lamps . . .	816,429	Mar. 27	4988	1059	121	1240
Burns, James J. (See Shaffer, John E., assignor.)						
Burns, Jeremiah D., Washington, D. C., assignor of twenty-four one-hundredths to L. Gynn, Wabash, Ind., and W. J. Sheetz, Washington, D. C. System of preventing the collection of ice on rails . . .	814,671	Mar. 13	1355	282-3	121	354
Burns, John F., Allegheny, Pa. Curtain-pole . . .	823,259	June 12	2103	438	122	2236
Burns, John M. (See Gehring, Frederic, assignor.)						
Burns, Patrick S., Cleveland, Ohio. Mat . . .	835,274	Nov. 6	800	167	125	202
Burns, Robert. (See Harris, Varian M., assignor.)						
Burns, Silver and Company. (See Barnard, Charles S., assignor.)						
Burns, Silver and Company. (See Bassick, Edgar W., assignor.)						
Burns, Thomas, Leeds, England. Boring-tool, reamer, and the like . . .	817,042	Apr. 3	985	202	121	1578
Burns, William Sr., Dayton, Ohio. Flushing-tank . . .	814,353	Mar. 6	721	145	121	159
Burnside, Robert, Jr. (See Dalrymple and Burnside.)						
Burpee, George H., Philadelphia, Pa., assignor to B. F. Sturtevant Company, Hyde Park, Mass. Tube-scraper . . .	828,189	Aug. 7	986	205	123	1912
Burr, Elizabeth J., Mounds, Utah. Tie-plate . . .	837,187	Nov. 27	4587	973	125	1264
Burr, Ellis M., Champaign, Ill. Changeable-speed gearing . . .	813,770	Feb. 27	4477	988-9	120	2607
Burr, Franklin H., Atlantic, Iowa, assignor to Railway Mail Equipment Co., Beresford, S. D. Mail receiving and delivering mechanism for railways . . .	827,056	July 24	4799	1001	123	1261
Burr, Nelson, Batavia, Ill. Feed-mill . . .	814,114	Mar. 6	224	43-4	121	49
Burr, William G., Kenosha, Wis. Water-heater . . .	835,395	Nov. 6	1046	224	125	264
Burrage, Donald F., Beckenham, England. Apparatus for displaying goods . . .	831,828	Sept. 25	3882	813-14	124	1075
Burrage, George B., Chicago, Ill. Filing-case . . .	831,024	Sept. 11	2239	473	124	591
Burran, William J., Weches, Tex. Car-coupling . . .	829,266	Aug. 21	3401	716	123	2581
Burrell & Company, D. H. (See Lane, Frederic A., assignor.)						
Burrell, Henry, Glasgow, Scotland. Cover for ships' hatchways . . .	810,185	Jan. 16	3168	656-7	120	776
Burrell, Loomis, assignor to D. H. Burrell & Company, Little Falls, N. Y. Milking-machine . . .	838,236	Dec. 11	1935	414	125	1879

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Burris, William S. (See Hatten and Burris.)						
Burroughs Adding Machine Company. (See Gooch, Claiborne W., assignor.)						
Burroughs Adding Machine Company. (See Macauley, Alvan, assignor.)						
Burroughs Adding Machine Company. (See McFarland, Charles N., assignor.)						
Burroughs, Frank S., Zillah, Wash. Lock for water-gates.	821,854	May 29	5757	1225	122	1513
Burroughs, Oliver B., Jacksonville, Fla. Sash-lock.	826,830	July 24	4352	906	123	1153
Burrow, William E., Ophir, Oreg. Clevis.	831,600	Sept. 25	3419	717	124	955
Burrowes Barrington E. (See Spear, Murray H., assignor.)						
Burrowes, Marcus R., Sarnia, Canada. Stamp-affixing device.	814,936	Mar. 13	1853	388	121	462
Burrowes, Sidney, Falls View, Ontario, Canada. Limit-switch for electric motors.	838,681	Dec. 18	2802	602	125	2135
Burrows, Alexander, Woodward, Okla. Ter. Whip-operating device.	813,401	Feb. 27	3767	827	120	2450
Burrows, Frank M., Pittsburg, Pa. Eraser.	823,918	June 19	3368	718	122	2570
Burrows, George, Liverpool, England. Dress-placket fastener.	813,945	Feb. 27	4839	1068	120	2683
Burrows, Harrison G., assignor of one-half to W. H. Douglas, Fall River, Mass. Folding wringer.	838,166	Dec. 11	1798	386	125	1846
Burrows, William R., Newark, N. J., assignor to General Electric Company. Vapor electric apparatus.	820,348	May 8	2675	584	122	659
Burry, John, assignor of one-half to J. E. Munson, New York, N. Y. Telegraphy and telegraph apparatus.	811,127	Jan. 30	5097	1066-8	120	1266
Burson, Abraham. (See Rodney, Ford, Conroy, Burson, and Fitch.)						
Burson, William W., Chicago, Ill. Pattern knitting-machine.	819,407	May 1	752	160-1	122	170
Burt, Albert J. (See Thoeni, Herman, assignor.)						
Burt, Arthur H., Mosman, near Sydney, H. Jackson and C. A. Finch, Sydney, New South Wales, Australia. Apparatus for the extraction of grease from wool.	829,763	Aug. 28	4244	899	123	2836
Burt, Arthur H., Mosman, near Sydney, H. Jackson and C. A. Finch, Sydney, New South Wales, Australia. Extraction of grease from wool.	829,764	Aug. 28	4247	900	123	2836
Burt Company. (See Hoyt and Gaven, assignors.)						
Burt, Eli A., and H. Harris, New York, N. Y. Clasp for hatbands.	811,126	Jan. 30	5096	1066	120	1266
Burt, Fred N. (See Oesterreich, Albin, assignor.)						
Burt, Homer A., Detroit, Mich. Brush-soap.	816,002	Mar. 27	4096	865	121	1050
Burt, James A., Gumnison, Miss. Riding-cultivator.	832,531	Oct. 2	1020	205	124	1457
Burt, Newton B., New York, N. Y. Implement for bias-cutting.	816,529	Mar. 27	5184	1100	121	1284
Burch, Manly W., Sparta, Mich. Wardrobe.	827,292	July 31	5325	1103	123	1407
Burton, Alfred, Pretoria, Transvaal. Adjustable tent-pole.	818,665	Apr. 24	4243	912	121	2449
Burton, Charles S., Oak Park, Ill. Expression-controlling device for musical instruments.	822,098	May 29	6216	1325-6	122	1618
Burton, Charles S., Oak Park, Ill., assignor to Miracle Pressed Stone Company, Minneapolis, Minn. Building-block.	820,387	May 15	2764	600	122	739
Burton, Christopher D., Scarborough, England. Bottle or jar closure.	826,226	July 17	3128	649	123	824
Burton, F. R. (See Pfeifer, John, assignor.)						
Burton, Frank F. (See Watrous, Isaac A., assignor.)						
Burton, Frank F., assignor to Winchester Repeating Arms Co., New Haven, Conn. Shell-extractor.	832,364	Oct. 2	691	133	124	1379
Burton, George D., Boston, Mass. Treating cotton.	827,293	July 31	5326	1104	123	1408
Burton, Joseph A., and E. H. Roy, assignors to Burton Mfg. Co., Nashville, Tenn. Parcel-carrying strap.	823,258	June 12	2102	438	122	2236
Burton Mfg. Co. (See Burton and Roy, assignors.)						
Burton, Roscoe C., Tarrytown, N. Y. Musical transposition-chart.	815,403	Mar. 20	2886	600	121	735
Burton, Walter C., Fitchburg, Mass. Railway-signal.	821,923	May 29	5887	1251	122	1543
Burton, William, St. John, Canada. Nut-lock.	827,615	July 31	6061	1258	123	1591
Burton, William J., Chicago, Ill. Machine for making switchboard-cords.	830,295	Sept. 4	800	164	124	201
Burton, William J., Detroit, Mich. Metallic window.	835,598	Nov. 13	1439	308-9	125	408
Burt, Allan E., assignor to Draper Company, Hopedale, Mass. Filling-tension and controlling means for looms.	828,922	Aug. 21	2470	524	123	2347
Burwell, Amos E., Butler, Pa. Fruit-picker.	821,855	May 29	5758	1226	122	1514
Burwell, Arthur W. (See Baker and Burwell.)						
Bury, Thomas J., McKinney, Tex. Fence-post.	839,723	Dec. 25	4867	1040	125	2685
Busby, Alvin C., Bakersfield, Cal. Device for bending metallic bars.	825,805	July 10	2323	484	123	612
Busby, E. A. G. (See Busby, Nahum J., assignor.)						
Busby, Milton, Jr., et al. (See Davis, Stephen G., assignor.)						
Busby, Nahum J., Boston, assignor to E. A. G. Busby, Chelsea, Mass. Detachable tread for boots and shoes.	836,364	Nov. 20	2904	616	125	817
Busch, Fedor E., Chicago, Ill. Sash and door lock.	822,505	June 5	534	110	122	1843
Busch, Herman F., Millvale, assignor to Armstrong Cork Company, Pittsburg, Pa. Apparatus for forming cork rods.	832,717	Oct. 9	1413	285	124	1592
Busch, Horace L., De Queen, Ark. Churn-operating mechanism.	812,819	Feb. 20	2595	570	120	2140
Busch, Hugo H., New York, N. Y. Safety apparatus for elevator-cars.	838,770	Dec. 18	2960	638	125	2173
Busch, John G., Potter Valley, Cal. Ax holster and guard.	810,614	Jan. 23	4116	850	120	1020
Buschemeyer, Henry W., Louisville, Ky. Fishing-rod.	839,104	Dec. 25	3617	781	125	2380
Buschow, Charles G., Westfield, N. Y. Condenser for tobacco-pipes.	819,513	May 1	948	208	122	212
Busfield, James, Haverhill, Mass. Buffing-roll.	819,722	May 8	1361	294	122	366
Busch, Abraham V., New York, N. Y. Game-table.	836,561	Nov. 20	3296	703	125	912
Busch, Bertrand B., Chicago, Ill. Water-motor wheel.	817,546	Apr. 10	1992	420	121	1852
Busch, Charles A., North East, Pa. Back-pressure valve.	818,411	Apr. 24	3720	798	121	2336
Busch, Charles A., North East, Pa. Governor.	829,908	Aug. 28	4547	959	123	2909
Busch, Charles A., Corry, Pa. Motor.	832,592	Oct. 9	1154	231	124	1533
Busch, Harry E., assignor, by mesne assignments, of one-half to Western Patent Right and Investment Company, Seattle, Wash. Fence-wire twister.	820,909	May 15	3835	818	122	972
Busch, James F., Springfield, Mass. Wicket-valve.	813,771	Feb. 27	4483	989	120	2609
Busch, Samuel P., Columbus, Ohio. Car-coupling.	810,104	Jan. 16	3011	627	120	747
Busch, Samuel P., Columbus, Ohio. Automatic car-coupling.	823,990	June 19	3514	751	122	2601
Busch, Samuel P., Columbus, Ohio. Car-wheel.	824,407	June 26	4312	918	122	2826
Busch, Samuel P., Columbus, Ohio. Draft-gearing.	838,378	Dec. 11	2212	479	125	1946
Busch, Samuel P., Columbus, Ohio. Draft-gearing.	838,379	Dec. 11	2214	480	125	1946
Busbard, Fred J., Winthrop, Minn. Support for clothes-line reels.	836,959	Nov. 27	4136	882	125	1154
Busby, George G. (See Casswell, Richard H., assignor.)						
Bushmeyer, Charles J., Judsonia, Ark. Piston-rod lubricator.	837,915	Dec. 11	1261	277	125	1709
Bushong, Harry F., Kalamazoo, Mich. Leaf or sheet for temporary or loose-leaf binders.	822,427	June 5	380	79	122	1808
Bushong, Ivan. (See Caldwell and Bushong.)						
Buskist, Charles J., New Albion, and J. W. Mutter, Wesley, N. Y. Making cheese.	821,334	May 22	4711	.....	122	1225
Buss, George W., Woburn, Mass. Folding step-ladder.	811,616	Feb. 6	160	36	120	1520
Busse, Busso von, Marienwerder, Germany. Fabric for cement plastering and concrete.	826,989	July 24	4664	971	123	1229
Bussey, Everett E., Cambridge, and H. D. Waterhouse, Quincy, Mass. Cigar-tip cutter.	814,937	Mar. 13	1855	388	121	463
Bussey, H. L., et al. (See Fears, John, assignor.)						
Butchart, Clarence D., Denver, Colo. Adjustable opening-stop for head-gates.	830,411	Sept. 4	1036	216	124	256
Butcher, Charles, Cambridge, Mass. Post-hole digger.	827,682	July 31	6213	1291	123	1631

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Disg.	Vol.	Page.
Butenschön, Heinrich, Hohenwestedt, Germany. Means for forming floats from logs of wood.	820,699	May 15	3373	722	122	868
Bütikofer, Eduard, Biel, Switzerland. Motor-cycle.	818,609	Apr. 24	4131	888	121	2424
Butler, Albert C., Crandall, Tex. Oil-burner.	833,299	Oct. 16	2594	542	124	1933
Butler, Albert N., <i>et al.</i> (See Garvey, William E., assignor.)						
Butler, Alfred J., Boston, Mass. Clothes-hanger.	834,868	Oct. 30	5964	1267	124	2855
Butler, Amos K., assignor of one-twelfth to A. G. Blunt, one-twelfth to J. W. Blunt, three forty-eighths to E. C. Butler, one-sixth to C. A. Marston, and one-twelfth to J. P. Clark, Skowhegan, Me. Valve.	833,672	Oct. 16	3343	711	124	2112
Butler, Arthur C., Wollaston, Mass. Tachometer.	817,547	Apr. 10	1992	420	121	1852
Butler, Blannie C., Asheville, N. C. Cotton-chopper.	811,530	Jan. 30	5876	1232	120	1432
Butler, Charles N., assignor to Durkin Controller Handle Company, Philadelphia, Pa. Controller-regulator.	826,474	July 17	3592	748	123	939
Butler, Ernest, Sheldon, Iowa. Clothes-drier.	818,228	Apr. 17	3358	719	121	2204
Butler, Ernest, assignor of one-half to R. Wachtler, Mankato, Minn. Rail tie and chair.	836,064	Nov. 13	2269	485	125	608
Butler, Ernest C., <i>et al.</i> (See Butler, Amos K., assignor.)						
Butler, Frank G. (See Symonds, Henry, assignor.)						
Butler, George M., and C. G. Ehringer, Washburn, Ill. Eaves-trough clamp.	812,404	Feb. 13	1800	394	120	1932
Butler, George P., New Haven, Conn. Screw-driver.	839,105	Dec. 25	3618	781	125	2380
Butler, Herman H., Roscoe, N. Y. Thread-cutter for spools.	822,821	June 5	1167	240	122	1984
Butler, Hugh M., Kirkstall Forge, near Leeds, England. Metallic axle.	815,678	Mar. 20	3407	711-12	121	852
Butler, Hugh M., Kirkstall Forge, England. Axle.	825,108	July 3	832	173	123	220
Butler, James F., Philadelphia, Pa. Paper-winder.	830,296	Sept. 4	803	164-5	124	201
Butler, James F., Scranton, Pa. Fire-escape.	811,615	Jan. 23	4117	850	120	1020
Butler, Joseph, Naumai, New Zealand, assignor to Lidgerwood Manufacturing Company. Logging apparatus.	816,640	Apr. 3	200	46-7	121	1405
Butler, Mike. (See Sachs, Martin K., assignor.)						
Butler, Neal A., assignor of one-half to W. H. Boyenton, Hampton, Va. Signaling device.	821,459	May 22	4980	1058	122	1287
Butler, Richard J., and E. Glennon, New York, N. Y. Hat-fastener.	834,559	Oct. 30	5322	1130	124	2694
Butler, Robert, Boston, Mass. Cleaning device for fittings.	837,035	Nov. 27	4300	913-14	125	1193
Butler, Thomas H., Baltimore, Md. Reversing-gear.	815,331	Mar. 20	2715	566	121	697
Butler, William, Birkdale, England. Stand for photographic cameras, telescopes, and other scientific instruments.	821,335	May 22	4712	1003-4	122	1225
Butler, William A., San Francisco, Cal. Continuous kiln.	822,580	June 5	701	142	122	1882
Butler, William E., and M. L. Lane, David City, Nebr. Telephone signaling apparatus.	834,869	Oct. 30	5965	1267	124	2855
Butman, Thomas R., Lake Bluff, Ill. Steam-generator.	809,282	Jan. 9	1351	274-5	120	332
Butt, Ernest O., New York, N. Y. Water-cooler.	819,850	May 8	1629	347	122	428
Butt, George W., Norfolk, Va. Log-handling machine.	838,300	Dec. 11	2062	445	125	1908
Butta, Richard. (See Joks and Petrik, assignors.)						
Butterfield, Fessenden C., Oakland, Cal. Ore roasting and oxidizing apparatus.	832,292	Oct. 2	554	105	124	1347
Butterfield, George F., assignor to G. I. Butterfield, Boston, Mass. Shoe-sole vulcanizing and applying apparatus.	821,336	May 22	4715	1004	122	1226
Butterfield, Grace I. (See Butterfield, George F., assignor.)						
Butterfield, James H., Logan, Ohio. Nut-lock.	814,516	Mar. 6	1036	214	121	226
Butterfield, Joseph B., Scarborough, England. Tap for steam, water, or gas, &c.	826,536	July 24	3791	785	123	1009
Butterfield, Luther J., assignor to J. A. Alexander, Milwaukee, Wis. Boat.	829,058	Aug. 21	2743	576	123	2416
Butterfield, Wells D., Detroit, Mich. Monolithic building.	814,765	Mar. 13	1547	327	121	398
Butterworth, Frank L., Brooklyn, N. Y. Hat-brim flange and center block or frame therefor.	818,610	Apr. 24	4133	888	121	2425
Butterworth, Frank W., Danville, Ill. Kiln for burning clayware.	826,831	July 24	4353	906-7	123	1153
Butterworth, Samuel D., Jr., assignor of one-half to G. H. Cummings, Detroit, Mich. Child's carriage.	824,622	June 26	4748	1011-12	122	2923
Buttler, William, Indianapolis, Ind. Apparatus for making wire-glass.	814,515	Mar. 6	1034	214	121	225
Buttler, William, Indianapolis, Ind. Polishing glass plates.	839,724	Dec. 25	4868	1040-1	125	2685
Büttner, Max, Wilmersdorf-Berlin, Germany. Asymmetric cell.	809,770	Jan. 9	2334	483	120	545
Button Machinery Company. (See Hornby, John, assignor.)						
Button, Monroe, Fort Plain, N. Y. Cutter-head.	830,297	Sept. 4	805	165	124	202
Button, Theodore E. (See Hewlett and Button.)						
Button, Theodore E., Schenectady, N. Y., assignor to General Electric Company. Switch-operating mechanism.	829,841	Aug. 28	4411	931-2	123	2876
Buttress, George and J. A., Los Angeles, Cal. Double automatic window-lock.	825,377	July 10	1383	291	123	378
Buttress, Joseph A. (See Buttress, George and J. A.)						
Buxton, Brook L., <i>et al.</i> (See Byrd, William P., assignor.)						
Buxton, George A., <i>et al.</i> (See Byrd, William P., assignor.)						
Buxton, Willard H., assignor to A. T. Matthews, Worcester, Mass. Pipe-collar.	839,106	Dec. 25	3620	782	125	2380
Buyce, John F. (See Perkins and Buyce.)						
Buyer, Samuel, <i>et al.</i> (See Meyer, Sophie, assignor.)						
Buyten, Hermann, Düsseldorf, Germany. Folding table.	810,616	Jan. 23	4120	850-1	120	1020
Buyten, Hermann, Düsseldorf, Germany. Compound wooden plate.	823,843	June 19	3231	683	122	2540
Buzzell, Charles A., Newburyport, Mass. Gas-generating furnace.	824,337	June 26	4156	889	122	2796
Byar, Ernest L., and M. L. Clopton, Lufkin, Tex. Ash-pan.	828,710	Aug. 14	2038	430	123	2206
Byars, Bid, <i>et al.</i> (See Latimer, Samuel A., assignor.)						
Bybee, Burt. (See Brown and Bybee.)						
Byce, Lyman C., Petaluma, Cal. Thermostat.	832,293	Oct. 2	556	105	124	1347
Bye, Jacob M. (See Carman, Florence, assignor.)						
Bye, Martin, Worcester, Mass., assignor to Harrington & Richardson Arms Company. Recoil-operated firearm.	812,015	Feb. 6	982	214-16	120	1689
Bye, Martin, Worcester, Mass., assignor to Harrington & Richardson Arms Company. Handle for firearms.	812,016	Feb. 6	987	216	120	1690
Bye, Martin, assignor to Harrington & Richardson Arms Co., Worcester, Mass. Cylinder-stop for revolvers.	818,075	Apr. 17	3039	656	121	2136
Byers, John F., deceased, Ravenna, Ohio; K. Byers, administratrix. Mechanism for connecting vehicle axles and bodies.	820,179	May 8	2359	513	122	587
Byers, John G., and J. W. Myer, San Diego, Cal. Rock-crusher.	817,298	Apr. 10	1493	313	121	1746
Byers, John Y., and J. W. Myer, San Diego, Cal. Quartz-mill.	828,466	Aug. 14	1542	326	123	2079
Byers, Kate, administratrix. (See Byers, John F.)						
Byl, George N., assignor of one-half to J. Koehler, Jersey City, N. J. Label-pasting board.	837,792	Dec. 4	1021	227	125	1606
Byor, Gustav A., Edgar, Nebr. Mold.	811,032	Jan. 30	4934	1029-30	120	1233
Byram William S. (See James, McAllister, and Byram.)						
Byrd, Atvill, Kansas City, Mo. Combination journal-box and lubricator.	831,704	Sept. 25	3662	766	124	1021
Byrd, Britton E., Durham, N. C., assignor of three-fourths to V. G. Davis, Bracey, Va., J. I. Rose and F. L. Walker, Durham, N. C. Jewel-setting pliers.	818,347	Apr. 17	3585	767	121	2252
Byrd, Robert L., <i>et al.</i> (See Gibson, Rowan, assignor.)						
Byrd, William P., assignor of two-thirds to G. A. Buxton, Baltimore, and B. L. Buxton, Frederick county, Md. Car-replacer.	813,855	Feb. 27	4664	1032	120	2648

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Byrne, Dennis, Jr. (See Swengel and Byrne.)						
Byrne, Francis J. (See Cleveland and Byrne.)						
Byrne, Hugh H., La Crosse, Wis. Toilet-case.	818,412	Apr. 24	3721	799	121	2337
Byrne, James J., assignor to W. E. Partridge and H. Blackwell, Detroit, Mich. Folding bed.	833,022	Oct. 9	2005	420	124	1735
Byrne, Lemuel R. (See Armstrong, Preston, assignor.)						
Byrne, Mathew, and W. G. Young, San Francisco, Cal. Spring-heel cushion for shoes.	825,515	July 10	1712	359	123	460
Byrnes, Clarence P., Pittsburg, Pa. Sectional case.	810,033	Jan. 16	2866	592	120	713
Byrnes, Clarence P., Sewickley, Pa. Bottle-cap.	822,099	May 29	6219	1326	122	1619
Byrnes, William J., assignor of one-half to H. W. Donaldson, Sacramento, Cal. Sash lift and lock.	834,886	Nov. 6	17	3	125	7
Byron, George W., Washington, D. C. Air-ship.	839,548	Dec. 25	4508	961	125	2598
C. A. Thomson Machine Company. (See Parsons and Pennington, assignors.)						
C. B. Cottrell & Sons Company. (See Cottrell, Charles P., assignor.)						
C. B. Cottrell & Sons Company. (See Cottrell, Edgar H., assignor.)						
C. B. Cottrell & Sons Company. (See Greenway, Richard J., Jr., assignor.)						
C. B. Cottrell & Sons Company. (See Seymour, Ralph C., assignor.)						
C. H. Blomstrom Motor Company. (See Blomstrom, Charles H., assignor.)						
C. H. Fuller Company. (See Barrett, William F., assignor.)						
C. H. Wheeler Manufacturing Company. (See Wheeler, Clifton H., assignor.)						
C. H. Wheeler Manufacturing Company. (See Wheeler and Mullan, assignors.)						
C. H. Wheeler Manufacturing Company. (See Wheeler and Pratt, assignors.)						
C. L. Scott Mfg. Co. (See Scott, Charles L., assignor.)						
C. T. Ham Manufacturing Company. (See Bergener, Charles, assignor.)						
Cable Company. (See Klugh and Whitehead, assignors.)						
Cable, Frank D., assignor to Etna Machine Company, Toledo, Ohio. Apparatus for cutting screw-threads on pipes, &c.	828,016	Aug. 7	654	133-4	123	1832
Cable, Robert, Jr., New York, N. Y. Wrest-plank for pianos.	835,129	Nov. 6	514	103	125	132
Cable Trace Co. (See Shisler, Sherman, assignor.)						
Cables, Frank A. (See Lawton, Leonard, assignor.)						
Cabos, Christian M., Vienna, Austria-Hungary. Machine for molding pastry and confectionery.	828,711	Aug. 14	2040	430	123	2206
Cachat, Peter J., Louisville, Ohio. Window-sash pivot.	811,531	Jan. 30	5877	1232	120	1433
Caddell, James, and A. Sutherland, Buffalo, N. Y. Fountain-brush.	818,666	Apr. 24	4244	912	121	2449
Cade, Enos B., Seattle, Wash. Tide power.	811,762	Feb. 6	423	93	120	1578
Cade, Enos B., Seattle, Wash. Tide-power signaling apparatus.	824,408	June 26	4313	918-19	122	2827
Cadillac Cabinet Company. (See Johnson, Henry, assignor.)						
Cadle, Wilbert W., Williamsburg, Pa. Packing-ring for fruit-jars and the like and making the same.	834,965	Nov. 6	160	33	125	44
Cadman, Addi B., assignor to Warner Instrument Company, Beloit, Wis. Drive-gearing for automobile speed-indicating mechanisms.	837,188	Nov. 27	4588	973	125	1264
Cadogan, Patrick A., Boston, Mass. Insecticide.	824,409	June 26	4315	.....	122	2827
Cadorette, Albert, and L. Laflamme, Lowell, Mass. Mitering and beveling machine.	823,506	June 19	2587	545	122	2399
Cadwallader, Bassett, La Grange, Ill. Playing-cards.	821,781	May 29	5618	1197	122	1483
Cadwallader, William Y., et al. (See Duff, Hugh Y. B., assignor.)						
Cadwell, Edwin B., New York, N. Y., assignor of two-thirds to F. Johnston and F. M. Ashley. Cushion-tire.	827,784	Aug. 7	192	39	123	1717
Cady, Frank E. (See Cady, Ralph E., assignor.)						
Cady, Ralph E., assignor of one-half to F. E. Cady, Auburn, N. Y. Water-filter.	829,503	Aug. 28	3700	781	123	2702
Caffeeno Drug Company. (See Parrish, James H., assignor.)						
Cafferty, Theron S., and A. J. Hayden, Topeka, Kans. Device for handling railway-ties.	825,638	July 10	2004	418	123	535
Caffodio, Dominick J. B., New York, N. Y. Amusement device.	837,189	Nov. 27	4591	974	125	1265
Cage, William E., Hohen Soims, La. Chain sling and trip.	813,277	Feb. 20	3495	770	120	2335
Cagle, Carter M., Beckville, Tex. Machine for forming round cotton-bales.	809,283	Jan. 9	1354	275-6	120	333
Cagle, Carter M., Beckville, Tex. Bale-tying machine.	810,521	Jan. 23	3927	808-9	120	979
Cagle, Carter M., assignor of one-half to L. C. Pruitt, Beckville, Tex. Rotary engine.	822,343	June 5	234	49	122	1777
Cahen, Emile D., assignor to Société Anonyme d'Electricité et d'Automobiles Mors. Paris, France. Safety steering mechanism for automobile carriages.	814,586	Mar. 6	1170	244	121	253
Cahill, Jeremiah E., and C. F. Jenkins, Washington, D. C.; said Jenkins assignor to said Cahill. Motion-picture machine.	819,514	May 1	950	208	122	212
Cahill, John, Norfolk, Va. Rolling door or shutter and means for operating the same.	812,722	Feb. 13	2411	528-9	120	2054
Cahill, John, Norfolk, Va. Shutter.	824,410	June 26	4315	919	122	2827
Cahill, John, Norfolk, Va. Rolling or flexible shutter.	835,599	Nov. 13	1441	309	125	408
Cahill, John P., Massillon, assignor of one-half to J. G. Bowman, Canton, Ohio. Drill clamp and support.	834,605	Oct. 30	5427	1153	124	2719
Cahill, Thomas J., Salem, Ohio. Non-refillable bottle.	830,205	Sept. 4	623	126	124	158
Cahn, Helen W., New York, N. Y. Hose-supporter.	813,197	Feb. 20	3346	736	120	2304
Cahoone, Edwin R., Troy, N. Y. Air-heating attachment for ranges.	827,210	July 31	5173	1073-4	123	1373
Caillouet, Nicholas. (See Robiehaux, Caillouet, and Delhaye.)						
Cain, George E., et al. (See Nicewarner, Theodore G., assignor.)						
Cain, Jacob A., et al. (See Lingo, Frank M., assignor.)						
Cain, Napoleon B. (See McCathie and Cain.)						
Cain, Wesley R. (See McCathie and Cain.)						
Cain, William G., Victoria, La. Means for locating and raising sunken vessels.	814,517	Mar. 6	1037	215	121	226
Cain, William H., assignor of one-half to C. O. Goss, Columbus, Ohio. Means for regulating and controlling gas-supply.	831,262	Sept. 18	2748	579	124	745
Cain, William S., Chicago, Ill. Computing measuring vessel.	809,091	Jan. 2	945	196	120	208
Cain, Wright W., Kosciusko, Miss. Wagon attachment.	809,498	Jan. 9	1788	370	120	426
Caine, Frank C., Cleveland, Ohio. Interior concrete structural work.	809,090	Jan. 2	943	195	120	208
Cairncross, Andrew S., St. Paul, Minn. Automatic stop mechanism for rotary ovens.	831,829	Sept. 25	3883	814	124	1075
Cairns, John, Bangor, Ireland. Pneumatic alarm.	816,430	Mar. 27	4989	1059	121	1240
Cairns, Joseph V. (See Smith, James H., assignor.)						
Cairns, William A., Greenfield, Mass. Current-motor.	838,682	Dec. 18	2803	602	125	2135
Calbeck, Rinaldo, Pratt, Kans. Table-supporting rack.	832,454	Oct. 2	878	169	124	1423
Calbeck, Samuel F., and S. Alder, Redlands, Cal. Hammock-chair.	827,417	July 31	5609	1160	123	1477
Calcutt, Reginald B., Chicago, Ill. Tire for wheels.	834,966	Nov. 6	161	33	125	44
Calder, Alexander C., Richmond, Va. Combined gage-cock and safety-valve.	835,056	Nov. 6	369	75	125	98
Calder, James, assignor of one-half to G. S. Bingham, Hamilton, Canada. Shocking attachment for harvester-binders.	810,186	Jan. 16	3170	657-9	120	776
Calder, Warren H. (See Davis, Edward F., assignor.)						
Caldwell, Charles W. (See Caldwell, Edward F., assignor.)						
Caldwell, Charles W. (See Mickey and Caldwell.)						
Caldwell, Edward F., Chicago, Ill., assignor to C. W. Caldwell, Waterloo, Iowa. Means for cooling engine and other cylinders.	820,549	May 15	3106	669	122	812
Caldwell, Frank C., Oak Park, Ill. Machine for forming conveyer-flights.	830,965	Sept. 11	2128	450-1	124	564
Caldwell, Harry J., and J. R. Barr, Earl Park, Ind. Conditioning grain.	825,378	July 10	1385	291	123	379

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Caldwell, Harry J., and J. R. Barr, Earl Park, Ind. Grain-treating apparatus	828,531	Aug. 14	1695	357	123	2118
Caldwell, Henry C., assignor to A. B. Underhill, Buffalo, N. Y. Combined metal core vent and support	818,413	Apr. 24	3722	799	121	2337
Caldwell, John A., Montclair, N. J. Mechanical stoker	812,635	Feb. 13	2248	488-9	120	2022
Caldwell, John D., assignor to Caldwell Sorenson Linnograph Company, Seattle, Wash. Clothes-marking apparatus	838,683	Dec. 18	2805	602-3	125	2136
Caldwell, John D., and I. Bushong, Seattle, Wash. Shingle-trimming machine	813,946	Feb. 27	4841	1068	120	2684
Caldwell, John D., and N. A. Sorenson, assignors to Caldwell-Sorenson Linnograph Co., Seattle, Wash. Clothes-marking apparatus	812,723	Feb. 13	2413	529	120	2055
Caldwell, John H., Spartanburg, S. C. Stump-puller	835,934	Nov. 13	2053	438	125	556
Caldwell Manufacturing Company. (See Ralston, William A., assignor.)						
Caldwell-Sorenson Linnograph Co. (See Caldwell and Sorenson, assignors.)						
Caldwell Sorenson Linnograph Company. (See Caldwell, John D., assignor.)						
Caldwell, William D., <i>et al.</i> (See Connor, Charles R., assignor.)						
Caldwell, William L., Indianapolis, Ind. Folding bed	818,517	Apr. 24	3932	846-7	121	2380
Caldwell, Yancey Q., Paris, Tenn. Padlock	823,919	June 19	3369	719	122	2570
Caldwell, Yancey Q., Paris, Tenn. Inhaler	834,184	Oct. 23	4591	973	124	2464
Caler, David R., Groveland, Pa. Window	816,431	Mar. 27	4990	1059	121	1240
Caler, Francis M., Los Angeles, Cal. Acetylene-gas machine	833,023	Oct. 9	2007	420	124	1735
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch fittings	809,425	Jan. 9	1665	342	120	398
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Sash-pulley	809,489	Jan. 9	1790	370	120	427
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Molding-machine	812,820	Feb. 20	2596	570	120	2140
Caley, Charles J., New Britain, Conn., assignor to Russell & Erwin Manufacturing Company. Sash-center	817,220	Apr. 10	1337	279	121	1716
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch	819,120	May 1	176	36	122	45
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Bolt	831,036	Sept. 18	2282	482	124	635
Caley, Charles J., and H. G. Voight, assignors to Russell and Erwin Manufacturing Company, New Britain, Conn. Lock	809,424	Jan. 9	1663	341	120	397
Caley, Charles J., and H. G. Voight, assignors to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock mechanism	812,821	Feb. 20	2597	570	120	2141
Caley, Charles J., and H. G. Voight, assignors to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism	833,198	Oct. 16	2386	499	124	1879
Caley, Charles J., and H. G. Voight, assignors to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock mechanism	836,300	Nov. 20	2791	593	125	793
Caley, Jeremiah. (See Caley, John and J.)						
Caley, John, Bedford, and J. Caley, Bloomington, Ind. Brake-operating mechanism	813,856	Feb. 27	4665	1032	120	2648
Calhoun, Charles. (See Ferguson and Calhoun.)						
Calhoun, Daniel L., New York, N. Y. Dough-divider	834,887	Nov. 6	18	4	125	7
Calhoun, Laura A., Oceanpark, Cal. Bottle	820,093	May 8	2196	478	122	552
Calhoun, William G. (See Calhoun, William H. and W. G.)						
Calhoun, William H., Marshalltown, Iowa, and W. G. Calhoun, Fargo, N. D., assignors of one-half to E. H. Uhl, Chicago, Ill. Heater	811,199	Jan. 30	5270	1103	120	1304
California Fruit Cannery Association. (See Beekhuis, Hermanus A., assignor.)						
California Fruit Cannery Association. (See Cerruti, Antonio, assignor.)						
Calkins, Addison N., Quincy, Ill. Metallic wagon running-gear	836,240	Nov. 20	2655	560	125	756
Calkins, Albert C., Los Angeles, Cal. Crushing-rolls	815,332	Mar. 20	2716	566	121	697
Calkins, Albert C., Los Angeles, Cal. Grinding-machine	815,333	Mar. 20	2718	566-7	121	698
Calkins, Albert C., assignor to Calkins Company, Los Angeles, Cal. Furnace	819,700	May 1	1309	285	122	294
Calkins Company. (See Calkins, Albert C., assignor.)						
Calkins, F. G., <i>et al.</i> (See Zeigler, John L., assignor.)						
Calkins, Gary G., Evanston, Ill. Oil-burner	833,439	Oct. 16	2886	612	124	2007
Call, Howe, <i>et al.</i> (See Eayrs, Winslow P., assignor.)						
Call, Hubert L., assignor to Crescent Rotary Engine Company, Spokane, Wash. Rotary engine	828,712	Aug. 14	2041	431	123	2207
Callaghan, James W., Newark, N. J. Hydrant	822,920	June 12	1377	286-7	122	2076
Callahan, Jeremiah J., Detroit, Mich. Ear-tab	836,087	Nov. 20	2330	492	125	678
Callahan, John, Seattle, Wash. Cleaning compound	810,105	Jan. 16	3012		120	747
Callahan, John R., Salem, Mo. Combined roost and nest-support	827,706	Aug. 7	21	5	123	1676
Callahan, Thomas H., Harrison, N. J. Billiard and pool table	835,177	Nov. 6	609	124	125	154
Callan, John G., Lynn, Mass., assignor to General Electric Company. Automatic speed-regulator for internal-combustion engines	809,771	Jan. 9	2334	483	120	545
Callan, John G., Lynn, Mass., assignor to General Electric Company. Variable-stroke crank	812,636	Feb. 13	2252	489	120	2023
Callan, John G., Lynn, Mass., assignor to General Electric Company. Packing for elastic-fluid turbines	819,635	May 1	1177	257	122	264
Callan, John G., Lynn, Mass., assignor to General Electric Company. Regulating mechanism for elastic-fluid turbines	820,911	May 15	3844	820	122	974
Callan, John G., Lynn, Mass., assignor to General Electric Company. Governing mechanism	820,912	May 15	3847	820-1	122	974
Callan, John G., Lynn, Mass., assignor to General Electric Company. Governing mechanism for fluid-actuated motors	820,913	May 15	3851	821	122	975
Callan, John G., Lynn, Mass., assignor to General Electric Company. Stop mechanism for elastic-fluid turbines	822,248	June 5	37	8	122	1737
Callan, John G., Lynn, Mass., assignor to General Electric Company. Wire-gage	824,064	June 19	3648	776-7	122	2629
Callan, John G., Lynn, Mass., assignor to General Electric Company. Means for attaching turbine-buckets	830,878	Sept. 11	1979	416	124	530
Callan, John G., and B. H. Hamilton, Lynn, Mass., assignors to General Electric Company. Elastic-fluid turbine	822,247	June 5	31	7-8	122	1735
Callan, John G., and F. R. C. Boyd, Lynn, Mass., assignors to General Electric Company. Emergency-governor	809,772	Jan. 9	2338	484	120	546
Callan, John G., and F. R. C. Boyd, Lynn, Mass., assignors to General Electric Company. Speed-governor for elastic-fluid turbines	820,910	May 15	3836	818-19	122	972
Callan, Michael H. (See Nidds, Edward, assignor.)						
Callanan, James T., assignor to Parkersburg Machine Company. Parkersburg, W. Va. Oil-saver	818,740	Apr. 24	4394	940	121	2482
Callanan, James T., assignor to Parkersburg Machine Company. Parkersburg, W. Va. Soft-metal wall-packer	823,760	June 19	3068	650	122	2501
Callender, Ira S., and E. J. Johnson, Chicago, Ill. Electric time-switch	839,361	Dec. 25	4121	885	125	2504
Calleson, Amos. (See Adriance and Calleson.)						
Calleson, Amos, assignor of one-half to B. Adriance, Brooklyn, N. Y. Cap for bottles and jars	818,741	Apr. 24	4395	941	121	2482

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Calleson, Amos, A. D. Adriance, Brooklyn, N. Y., and A. Duppler, Jersey City, N. J., assignors to Warp Twisting-In Machine Company, New York, N. Y. Warp-twisting-in machine.....	810,711	Jan. 23	4278	887-90	120	1057
Calley, Elias J., San Francisco, Cal. Syrup-dispensing jar.....	824,468	June 26	4449	944	122	2857
Callmann, Jacob, and R. Bormann, Berlin, Germany. Refining zinc and other metals.....	827,418	July 31	5611	1160	123	1477
Callow, John, Liverpool, England. Apparatus for molding, shaping, and compressing dough, &c.....	833,824	Oct. 23	3678	785	124	2240
Callow, John M., Salt Lake City, Utah. Settling-tank.....	824,279	June 26	4048	867	122	2774
Callow, William D., Newark, N. J., assignor to Roth & Engelhardt, New York, N. Y. Piano.....	816,641	Apr. 3	202	47	121	1405
Calm, Charles E., Chicago, Ill. Preserving animal tissues.....	832,180	Oct. 2	327		124	1292
Calmore, Walter W. (See Vogel, Paul F., assignor.)						
Caloric King Furnace Company. (See White, Lewis B., assignor.)						
Calvert, John T., assignor to A. I. Root Company, Medina, Ohio. Honey-knife.....	834,888	Nov. 6	24	5	125	9
Calvert, Walter R., Louisville, Ky. Goods-handler.....	818,869	Apr. 24	4651	998	121	2537
Calvi, Eduardo. (See Genovese and Calvi.)						
Calvin, Elbert C., St. Johnsville, N. Y. Music-recorder.....	826,537	July 24	3793	785-6	123	1009
Calvo, José, San Francisco, Cal. Key-ring.....	811,693	Feb. 6	316	68	120	1556
Calwell, John, Chicago, Ill. Tube-mill feed.....	828,998	Aug. 21	2613	551	123	2382
Camargo, Octavio D., Rio Claro, Brazil. Grain shelling and hulling device.....	836,011	Nov. 13	2174	466-7	125	585
Cameron, Alexander G., Winnipeg, Manitoba, Canada. Combined excavator and conveyor.....	833,300	Oct. 16	2595	542-3	124	1934
Cameron, Arthur, Jackson, Mich. Dumping-wagon.....	835,008	Nov. 6	261	57-8	125	68
Cameron, Daniel D., San Francisco, Cal. Miter-jack.....	825,188	July 3	993	209	123	160
Cameron, Dorothy B. (See Angus and Cameron.)						
Cameron, Ewan, Brooklyn, assignor to United States Recording Automatic Scales Company, New York, N. Y. Weighing-machine.....	817,221	Apr. 10	1338	279-80	121	1716
Cameron, Ewan, assignor to United States Recording Automatic Scales Company, New York, N. Y. Weighing-machine.....	826,141	July 17	2960	615-16	123	785
Cameron, Fred C. (See Hart, Neikirk, and Cameron.)						
Cameron, George J. (See Irwin, Fred, assignor.)						
Cameron, James A., Butte, Mont., assignor to Cameron Manufacturing and Development Company. Current-motor.....	838,237	Dec. 11	1937	415	125	1879
Cameron, Lewis O., Bellevue, Pa. Heater.....	837,663	Dec. 4	773	176	125	1545
Cameron Manufacturing and Development Company. (See Cameron, James A., assignor.)						
Cameron, William, assignor to T. Wold, Chicago, Ill. Machine for making can-bodies.....	813,772	Feb. 27	4484	989-90	120	2609
Camfield, James D., Skilesville, Ky. Portable table.....	811,480	Jan. 30	5777	1209-10	120	1411
Cammann, Frederick A., St. Louis, Mo. Wall-tie.....	836,960	Nov. 27	4137	882	125	1154
Cammas, Baptiste, Carbonado, Wash. Rock-drilling machine.....	828,923	Aug. 21	2471	524	123	2347
Cammett, Ira A. (See Fellows and Cammett.)						
Cammett, Ira A., and H. W. Fellows, Los Angeles, Cal. Package-carrier and closure for bags and the like.....	824,904	July 3	460	90	123	122
Cammeyer, William H., Boonton, N. J. Mold for undercut tiles.....	818,348	Apr. 17	3586	768	121	2252
Camp, David B. (See Henry and Camp.)						
Camp, Horace B., Akron, Ohio. Drier.....	811,821	Feb. 6	537	120	120	1599
Camp, Horace B., Akron, Ohio. Underground conduit.....	833,870	Oct. 23	3792	805	124	2268
Camp, Horace B., Akron, Ohio. Letter for electric signs.....	836,088	Nov. 20	2331	492	125	678
Camp, James G. (See Heintzelman and Camp.)						
Camp, Joseph E., Washington, Ill. Portable elevator.....	825,109	July 3	834	173-4	123	221
Camp, Joseph E., Washington, Ill. Shiftable conveyor.....	825,110	July 3	837	174	123	222
Camp, Joseph E., Washington, Ill. Portable grain-dump.....	837,907	Dec. 4	1238	272	125	1661
Camp, Theodore L., assignor to United Wrapping Machine Company, Chicago, Ill. Wrapping-machine.....	836,241	Nov. 20	2656	560-8	125	757
Campagna, Eugene W., Randolph, Mass. Measuring instrument.....	815,509	Mar. 20	3070	640	121	776
Campany, Milton E., Eupora, Miss. Harrow.....	835,935	Nov. 13	2054	439	125	556
Campau, Julian G., Monroe, Mich. Nut-lock.....	826,402	July 17	3449	716	123	902
Campbell, Aaron F., Redfield, Ark. Bridge.....	822,581	June 5	703	142-3	122	1883
Campbell, Adoniram J., Berwyn, Pa. Prop for clothes-lines.....	813,947	Feb. 27	4842	1068	120	2684
Campbell, Alexander B. (See Halsell and Campbell.)						
Campbell, Alexander D. (See Peters, Boudier, and Campbell.)						
Campbell, Allan, Chicago, Ill. Ice-making apparatus.....	814,115	Mar. 6	227	44	121	49
Campbell, Alonzo B., Coraopolis, Pa. Bride-bit.....	812,112	Feb. 6	1153	253	120	1723
Campbell, Alonzo C., Asheville, N. C. Jig or ore-concentrator.....	824,623	June 26	4750	1012	122	2923
Campbell, Alonzo C., Asheville, N. C. Governor.....	835,896	Nov. 6	1047	224	125	265
Campbell, Alonzo C., Asheville, N. C. Coal-washer and ore-concentrator.....	835,897	Nov. 6	1050	225	125	266
Campbell, Angus, Pittsburg, Pa. Seed-cotton cleaner.....	829,627	Aug. 28	3969	840	123	2768
Campbell, Argyle, Chicago, Ill. Car-floor-door-operating mechanism.....	825,580	July 10	1839	391	123	491
Campbell, Argyle, Chicago, Ill. Car-floor-door-operating mechanism.....	825,581	July 10	1843	391-2	123	492
Campbell, Argyle, Chicago, Ill. Draft-rigging attachment for cars.....	831,212	Sept. 18	2640	555	124	716
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Car-bolster.....	810,840	Jan. 23	4513	940	120	1107
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Car-door-operating mechanism.....	812,783	Feb. 13	2520	554	120	2078
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Metallic car-roof.....	824,169	June 26	3838	819	122	2729
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Metallic car-roof.....	824,170	June 26	3839	820	122	2729
Campbell Bosworth Machinery Company. (See Wilson, William, assignor.)						
Campbell, Charles A., and J. Reagan, Philadelphia, Pa. Horseshoe.....	809,553	Jan. 9	1911	396	120	453
Campbell, Charles E., Ashland, assignor to Faultless Rubber Company, Akron, Ohio. Air-pressure-supply apparatus for atomizers.....	834,185	Oct. 23	4503	974	124	2465
Campbell, Charles H. (See Brown and Campbell.)						
Campbell, Clell D., Lincoln, Neb. Carpenter's implement or tool.....	815,064	Mar. 13	2126	448	121	519
Campbell, Dallas B., Smithfield, W. Va. Coupling-pole.....	838,497	Dec. 11	2434	528	125	2001
Campbell, Daniel, Fairville, Canada. Pen-rack.....	820,094	May 8	2197	478	122	553
Campbell, David H. (See Campbell and Smith.)						
Campbell, Douglas M., Houston, Tex. Fastening bale-bands.....	830,966	Sept. 11	2134	451	124	566
Campbell, Duncan J., Arnprior, Ontario, Canada. Cattle-crate.....	838,301	Dec. 11	2064	446	125	1909
Campbell, Duncan J., Arnprior, Ontario, Canada. Weighing-machine.....	839,108	Dec. 25	3623	782	125	2381
Campbell, Frank G. (See Campbell, Loudoun and F. G.)						
Campbell, George E., Pittsburg, Pa. Votometer.....	830,879	Sept. 11	1980	416-17	124	530
Campbell, George L., Williamsport, Pa., assignor to Railways Surface Contact Supplies Company. Contact-box for electric-railway systems.....	812,164	Feb. 6	1292	283	120	1752
Campbell, George W., New York, N. Y. Type-writing machine.....	811,481	Jan. 30	5779	1210	120	1412
Campbell, Harry H., Steelton, Pa. Concentrator.....	815,679	Mar. 20	3409	712	121	852

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volum.		Official Gazette.	
			Spec.	Dr. b.	Vol.	Page.
Campbell, Henry F., deceased; J. L. Campbell, executrix, Melrose, Mass. Apparatus for conveying and cooling ore.....	827,502	July 31	5828	1208	123	1531
Campbell, Henry F., deceased, Melrose, Mass., (J. L. Campbell, executrix.) D. H. Campbell and T. H. Smith, Denver, Colo.; said D. H. Campbell and Smith assignors to said Henry F. Campbell. Apparatus for cooling ore.....	827,057	July 24	4808	1001-2	123	1264
Campbell, Henry F., Melrose, assignor to National Magnetic Mineral Separating Company, Boston, Mass. Magnetic separator.....	810,841	Jan. 23	4515	940	120	1108
Campbell, Herschel P., Blocton, Ala. Railway-gate.....	835,214	Nov. 6	679	140	125	173
Campbell, Howard A., <i>et al.</i> (See Hart, Sidney J., assignor.).....						
Campbell, Isaac U., Erin, Tenn. Wire-tightener.....	823,666	June 19	2910	615	122	2470
Campbell, Isaac U., Erin, Tenn. Wire-tightener.....	828,382	Aug. 14	1390	293	123	2040
Campbell, J. C., <i>et al.</i> (See Leichter, Edward, assignor.).....						
Campbell, James H., Lakeport, N. H. Truss.....	822,822	June 5	1167	240	122	1984
Campbell, James W., Salem, Va. Safety-gear for skips, cages, and the like.....	817,623	Apr. 10	2125	450-1	121	1879
Campbell, Jeannette L., executrix. (See Campbell, Henry F.).....						
Campbell, Jeannette L., executrix. (See Campbell and Smith.).....						
Campbell, Jeremiah, Providence, R. I. Apparatus for handling coal, &c.....	814,271	Mar. 6	528	109-10	121	113
Campbell, Jeremiah, Providence, R. I. Hoisting apparatus.....	816,071	Mar. 27	4248	900-1	121	1083
Campbell, Jeremiah, Providence, R. I. Hoisting-machine.....	837,190	Nov. 27	4593	974-5	125	1265
Campbell, John, Knowles, Cal. Bush chisel or hammer.....	830,967	Sept. 11	2135	451	124	566
Campbell, John, assignor of one-half to F. Christie, St. Croix Falls, Wis. Animal-trap.....	831,037	Sept. 18	2283	482	124	636
Campbell, John B., New York, N. Y. Artificial ear-drum.....	834,259	Oct. 30	4767	1008	124	2553
Campbell, John C., assignor of one-third to J. H. Allen, Chicago, Ill. Metal car-roof.....	809,907	Jan. 9	2574	533	120	598
Campbell, John J., and H. C. Johnson, assignors to T. W. Phillips Manufacturing Company, Butler, Pa. Clutch.....	823,260	June 12	2104	438	122	2237
Campbell, John M., Lombard, Ill. Stamp.....	827,347	July 31	5429	1128	123	1435
Campbell, John T., La Fayette, Ind. Bridge-floor fastener.....	847,793	Dec. 4	1022	227	125	1607
Campbell, Joseph P., Pulaski, Va. Telegraph-key.....	826,403	July 17	3450	716	123	903
Campbell, Loudoun and F. G., Washington, D. C. Fire-alarm box.....	820,700	May 15	3374	723	122	868
Campbell, Matthew, deceased, (S. A. Campbell, administratrix,) assignor of three-eighths to C. Goetz, Mount Savage, Md., and said administratrix assignor of one-fourth to J. L. Atkins, Washington, D. C. Car-wheel lubricator.....	839,725	Dec. 25	4869	1041	125	2685
Campbell, Matthew D., Charlestown, Mass. Signal.....	818,870	Apr. 24	4652	999	121	2537
Campbell, Milton T., assignor of one-half to J. C. Ertel, Indianapolis, Ind. Electric time-switch.....	815,792	Mar. 20	3672	772-3	121	906
Campbell, Nicholas J., Newark, Ohio. Railway-tie.....	820,914	May 15	3836	821	122	976
Campbell, Peter, Albert Park, near South Melbourne, Victoria, Australia. Pipe-molding machine.....	827,616	July 31	6062	1258	123	1591
Campbell Printing Press & Manufacturing Company. (See Jones, David W., assignor.).....						
Campbell Printing Press & Manufacturing Company. (See Wood, Henry A. W., assignor.).....						
Campbell, Robert B., Joliet, assignor to himself, and A. F. Banks, Evanston, Ill. Railway-tie.....	810,393	Jan. 23	3666	754	120	918
Campbell, Robert B., Joliet, assignor of one-half to A. F. Banks, Evanston, Ill. Press.....	817,735	Apr. 10	2332	501-2	121	1927
Campbell, Samuel G., Logansport, Ind. Removable cover for tablets and books.....	831,772	Sept. 25	3773	790	124	1049
Campbell, Sarah A., administratrix. (See Campbell, Matthew.).....						
Campbell, Thomas J., Lathrop, Mo. Seed-harvester.....	811,694	Feb. 6	317	68-9	120	1556
Campbell, Thomas J., Lathrop, Mo. Platform-adjusting means for seed-harvesters.....	813,349	Feb. 20	3652	800-1	120	2368
Campbell, Victor E., Goldendale, Wash. Gas cut-off.....	831,213	Sept. 18	2648	555	124	717
Campbell, Walter G., McCracken, Pa. Window-roller shield and curtain-pole support.....	828,457	Aug. 14	1545	326	123	2080
Campbell, Willard B., Jackson, Mich. Adjustable sick-bed cuspidor.....	829,039	Aug. 21	2744	577	123	2417
Campbell, William J., Dayton, Va. Hame-tug.....	836,920	Nov. 27	4062	867	125	1135
Campbell, William M., Honolulu, Hawaii. Dish-washing machine.....	833,440	Oct. 16	2889	612-13	124	2007
Campiche, Henri, Geneva, Switzerland. Secondary electric clock.....	834,708	Oct. 30	5038	1196	124	2774
Campion, Grant, and M. Wyant, Anderson, Ind. Gas-producer.....	830,968	Sept. 11	2136	452	124	566
Campan, George W., East Pittsburg, Pa. Educational device.....	838,840	Dec. 18	3093	666	125	2207
Canada Cycle and Motor Company. (See Russell, Thomas A., assignor.).....						
Canaday, Allen M., Morris, Ill. Draft-equalizer.....	835,151	Nov. 6	558	114	125	142
Canaday, Harry H. (See Lake, Richard, assignor.).....						
Canda, Charles A., Roselle, N. J. Clamping device for tappets, wheels, or shaft-couplings.....	820,037	May 8	2072	452	122	525
Canda, Ferdinand E., New York, N. Y., assignor to Chrome Steel Works, Chrome, N. J. Combining titanium with other metals.....	813,278	Feb. 20	3496	770	120	2335
Candi, Cesar. (See Candi, Oreste and C.).....						
Candi, Oreste and C., Genoa, Italy. Electric lighter and extinguisher for gas-burners.....	811,200	Jan. 30	5271	1103	120	1304
Canell, Benjamin, West Springfield, Mass. Air-brake.....	838,520	Dec. 18	2487	539	125	2058
Canello, Jean M., Paris, France. Incandescent-lamp filament and making the same.....	829,568	Aug. 28	3847		123	2739
Caner, Henry J. (See Strootman and Caner.).....						
Canfield, Albert B. (See Hopkins and Canfield.).....						
Canfield, Frank, assignor to G. W. Skinner, Jr., Denver, Colo. Jar-closure fastener.....	810,106	Jan. 16	3013	628	120	747
Canfield, Frank, assignor of one-half to W. H. Fenn, Denver, Colo. Vegetable-slicer.....	820,915	May 15	3857	822	122	977
Canham, John E., Sprague, Canada. Frogless railway-switch.....	821,016	May 22	4085	870	122	1089
Canham, Victor H., Guelph, Ontario, Canada. Hemmer-guide for skirts of ladies' and children's dresses.....	837,382	Dec. 4	211	51	125	1409
Canham, Victor H., Guelph, Ontario, Canada. Dressmaker's fitting-stand.....	837,916	Dec. 11	1262	278	125	1710
Canine, Chester W., Des Moines, Iowa. Marking-machine for laundry articles.....	830,567	Sept. 11	1367	284	124	367
Cann, James D., New Castle, Pa. Combination-gage.....	826,311	July 17	3282	678	123	862
Cannan, John J., Rochester, N. Y. Hat-supporter.....	838,238	Dec. 11	1940	415	125	1880
Cannan, Robert, New York, N. Y. Belt-coupling.....	821,086	May 22	4235	900	122	1121
Canning, Franklin V. (See Davis and Canning.).....						
Cannon, Henry P., Canonsburg, Pa. Tag.....	836,433	Nov. 20	3060	649	125	854
Cannon, John F. and M. N., Erick, Okla. Ter. Window-shade fixture.....	824,707	July 3	22	3	123	10
Cannon, Mattie N. (See Cannon, John F. and M. N.).....						
Cannon, Miles P., Newcastle, Ind. Powder-distributor.....	828,383	Aug. 14	1390	294	123	2040
Cannstatter Misch- und Knetmaschinen-Fabrik, Cannstatter Dampfbackofen-fabrik, Werner & Pfeleiderer. (See Kircher, Heinrich, assignor.).....						
Cantelo, Walter, Sharon, Pa. Extensometer.....	812,181	Feb. 13	1352	295	120	1833
Cantelou, Peter L., Hillsboro, Tex. Steering-gear for traction-engines.....	810,261	Jan. 16	3340	693-4	120	811
Cantini, Silvio. (See Ganucci-Cancellieri, Cappelletti, and Cantini.).....						
Cantlebery, John C., and W. J. Edwards, Hillsdale, Pa. Tooth for steam-shovels.....	821,215	May 22	4471	952	122	1172
Canto, Emilio M., Santiago, Chile. Pistol and revolver sight.....	811,033	Jan. 30	4936	1030	120	1233
Canto, Emilio M., Santiago, Chile. Railway rolling-stock.....	832,037	Oct. 2	22	5-7	124	1218
Canton Art Metal Company. (See Belding, Thomas C., assignor.).....						
Canton Steel Roofing Company. (See Andrews, Horace W., assignor.).....						
Cantwell, James D., Milwaukee, Wis. Portable ticket-holder.....	817,624	Apr. 10	2129	451	121	1880
Cantwell, John B., Watertown, N. Y. Excavating-cutter.....	819,723	May 8	1365	295	122	366

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Cantwell, Thomas, Providence, R. I., assignor of one-half to J. O. Beers, Jr., New York, N. Y. Floor	825,582	July 10	1846	392	123	493
Capen, George E., Berlin Heights, Ohio. Rotary harrow	839,110	Dec. 25	3626	783	125	2382
Capitaine, Emil, Frankfort-on-the-Main, Germany. Means for maintaining heat in gas-producers	833,673	Oct. 16	3344	711	124	2113
Caporale, Peter, Hartford, Conn. Safety scaffold-support	809,490	Jan. 9	1791	370	120	427
Cappelletti, Anchise. (See Ganucci-Cancellieri, Cappelletti, and Cantini.)						
Capper, David S., et al. (See Beck, Conrad and H. C., assignors.)						
Capps, Frank L., Newark, N. J. Phonograph for duplicating phonographic records	836,089	Nov. 20	2332	492-3	125	679
Capps, Lewis E., Seattle, Wash. Optical tool	816,845	Apr. 3	589	123	121	1489
Capps, William, et al. (See Barnett, John B., assignor.)						
Capron, Marshall F., Detroit, Mich. Machine for assembling metallic links	821,782	May 29	5620	1197-8	122	1483
Caps, John E., Kansas City, Mo. Tire-protector	812,259	Feb. 13	1503	329	120	1867
Car Builders Supply Company. (See Harvey, George L., assignor.)						
Carbaugh, George W., assignor of one-half to H. McIntosh, Granite, Va. Hammock	838,078	Dec. 11	1608	346	125	1798
Card, Edward M., Middlefield, Conn. Eyeglass-mounting	812,113	Feb. 6	1154	253	120	1723
Card, Frank S. (See Card, William L. and F. S.)						
Card, John M., Olean, N. Y. Artificial denture	810,712	Jan. 23	4285	890-1	120	1058
Card, John M., Olean, N. Y. Artificial denture	810,713	Jan. 23	4287	891	120	1058
Card, John M., Olean, N. Y. Artificial denture	810,842	Jan. 23	4519	941	120	1108
Card, Joseph B., Chicago, Ill. Preserving wood	815,404	Mar. 20	2888	601	121	736
Card Printer Company. (See Moore, George A., assignor.)						
Card, William L. and F. S., Denver, Colo. Lubricator for slide-bearings	816,778	Apr. 3	449	101	121	1457
Cardell, Charles O. L. (See Dexter and Cardell.)						
Cardell, Olof W., and S. T. Bergström, Gothenburg, Sweden. Sealing device for bottles	815,902	Mar. 20	3900	825	121	954
Carden, George A. (See Jordan, Thomas P., assignor.)						
Carden, Levi S., Orange county, assignor of one-half to J. W. Gore, Chapel Hill, N. C. Device for tying knots	829,569	Aug. 28	3849	817	123	2739
Cardin, William A. (See Comer, Thomas D., assignor.)						
Cardinal, Rosario, St. Philippe de Laprairie, Quebec, Canada. Ditching and grading plow	832,839	Oct. 9	1660	342	124	1650
Cardwell, Charles W., Jamaica, N. Y. Saw-clamp	813,036	Feb. 20	3024	666	120	2234
Cardwell, James R., Chicago, Ill. Draft-gear	819,266	May 1	462	97	122	107
Cardy, Frederick E., Chicago, Ill. Blackboard-eraser	835,275	Nov. 6	801	167	125	202
Cardy, William A., Chelsea, Mass., assignor to Stokes and Smith Company, Philadelphia, Pa. Box-covering machine	823,032	June 12	1606	333	122	2127
Carence, Thomas, Salina, Kans. Nasal shield	810,617	Jan. 23	4120	851	120	1021
Carey, Augustus C., Boston, Mass. Drying-machine	814,938	Mar. 13	1857	389	121	463
Carey, Augustus C., Boston, Mass. Gas heating apparatus	824,338	June 26	4158	890	122	2796
Carey, Daniel J. (See Foerster and Carey.)						
Carey, Daniel J. (See Foerster, Carey, and Foster.)						
Carey, Daniel J., assignor to American Textile Specialty Machinery Company, New York, N. Y. Shuttle-box	815,939	Mar. 27	3964	840	121	1020
Carey, Thomas E., Springfield, Mass. Score-board	827,785	Aug. 7	194	39	123	1717
Cargill, J. H. (See Livergood, Gerald R., assignor.)						
Caricchia, Alfredo. (See Bargiela, Mislowsky, Caricchia, and Odio.)						
Cariveau, Joseph, et al. (See St. Peter, Napoleon, Jr., assignor.)						
Carl, Albert M. (See Newton and Carl.)						
Carl, Emerson. (See Snow, Carl, Coulston, and Phelps.)						
Carl, Franz J. and H. G., Chicago, Ill. Window	839,726	Dec. 25	4872	1041	125	2686
Carl, Goliah, Wamego, and A. Sohns, Clay Center, Kans. Petroleum-burner	810,908	Jan. 30	4683	976	120	1175
Carl, Harriet A., West Fulton, N. Y. Air-cushion	814,829	Mar. 13	1675	350	121	425
Carl, Hermann G. (See Carl, Franz J. and H. G.)						
Carl, Reinhold A., Elgin, Tex. Acetylene-gas generator	822,249	June 5	40	9	122	1738
Carlaw, Alexander L. (See Carlaw, David, Sr., David, Jr., A. L., and J. W.)						
Carlaw, David, Sr., David, Jr., A. L., and J. W., Glasgow, Scotland. Numbering arrangement for use in connection with printing and numbering machines	811,372	Jan. 30	5595	1169	120	1374
Carlaw, James. (See Johnson and Carlaw.)						
Carlaw, James W. (See Carlaw, David, Sr., David, Jr., A. L., and J. W.)						
Carle, Harry J., Chicago, Ill. Fountain sight-feed	811,543	Feb. 6	16	4-5	120	1488
Carle, Robert E., Blackstone, Mass. Tension device for spinning-frames	812,919	Feb. 20	2789	613	120	2183
Carle, William E., Richmond, Va. Spark and cinder trap	831,414	Sept. 18	3027	643	124	815
Carleton, Leslie H., and M. M. Brooks, assignors of one-third to G. H. Lee, Troy, N. Y. Machine for shrinking fabric	828,017	Aug. 7	657	134-5	123	1833
Carleton, Oscar M., Somerville, assignor of one-half to A. Robart, Cambridge, Mass. Harness-support	823,761	June 19	3069	650	122	2502
Carlin's Sons Company, Thomas. (See Schlumpf, Oscar L., assignor.)						
Carlisle & Finch Company. (See Carlisle, Morten, assignor.)						
Carlisle, Morten, assignor to Carlisle & Finch Company, Cincinnati, Ohio. Search-light	835,702	Nov. 13	1620	345	125	451
Carlisle, William S., assignor to Davis Sewing Machine Company, Dayton, Ohio. Automatic lift and drop cabinet. (Reissue)	12,527	Aug. 28	4675	979-80	123	2944
Carliss, Albert, assignor to American Electric Telephone Company, Chicago, Ill. Annunciator	808,723	Jan. 2	202	43	120	46
Carliss, Albert, assignor to American Electric Telephone Company, Chicago, Ill. Automatic ringing and listening key	815,405	Mar. 20	2892	601	121	736
Carliss, Albert, assignor to American Electric Telephone Company, Chicago, Ill. Operator's key	836,668	Nov. 27	3522	752	125	999
Carlson, George H., Oskaloosa, Iowa. Wall-plug	838,007	Dec. 11	1441	312	125	1755
Carlson, Breder, Bodø, Norway. Life-saving apparatus	814,518	Mar. 6	1038	215	121	226
Carlson, Andrew J., and H. S. Juve, Baltic, S. D. Attachment for screen-doors	834,967	Nov. 6	163	33	125	45
Carlson, Axel H., assignor of one-half to R. Graham, Philadelphia, Pa. Electric heater	829,318	Aug. 21	3296	695	123	2555
Carlson, Carl H. (See Nichol and Carlson.)						
Carlson, Carl H., Burlington, Iowa. Lock	834,709	Oct. 30	5640	1196	124	2775
Carlson, Charles A., and D. H. Haywood, New York, N. Y.; said Haywood assignor to said Carlson. Amusement apparatus	817,156	Apr. 10	1200	250-1	121	1686
Carlson, Charles J. (See Fink and Carlson.)						
Carlson, Elias, Kalama, Wash. Hook	835,937	Nov. 13	2058	439	125	558
Carlson, Frans O., New York, N. Y. Gas-burner	820,623	May 15	3228	694	122	839
Carlson, Gabriel, Springfield, Mass. Syrup-cooling device	826,227	July 17	3130	650	123	824
Carlson, Gabriel, Springfield, Mass. Shaking-table	834,186	Oct. 23	4594	974	124	2465
Carlson, Gabriel, Springfield, Mass. Grinding-mill	834,507	Oct. 30	5235	1112	124	2672
Carlson, Gabriel, Springfield, Mass. Chocolate-press	838,541	Dec. 18	3095	667	125	2207
Carlson, John A., and W. H. Shimpf, Denver, Colo. Carbureter	832,532	Oct. 2	1022	205	124	1458
Carlson, Oscar, Pine Bluff, Wyo. Device for removing clothes from washboilers	830,880	Sept. 11	1982	417	124	531
Carlson, Peet, Manor, Tex. Vessel-propelling device	808,634	Jan. 2	28	7	120	9

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Carlson, Sven, Stockholm, and R. P. Pettersson, Falun, Sweden. Friction-grip for rope-way-trucks.	828,190	Aug. 7	987	205	123	1913
Carlsson, Hampus A., Bridgeport, Conn. Pneumatic valve.	832,038	Oct. 2	26	7	124	1219
Carlton, Andrew J., Nashville, Tenn., assignor of one-half to A. L. Collee, Rockyereek, Ga. Basket.	837,383	Dec. 4	211	52	125	1409
Carlton, Frank A., <i>et al.</i> (See Newton, Isaac S., assignor.)						
Carlton, Harvey B., Rochester, N. Y. Reel.	815,143	Mar. 13	2299	480	121	557
Carlton, Harvey B., Rochester, N. Y. Landing-net frame.	815,144	Mar. 13	2301	481	121	557
Carlton, Thomas R., and J. D. Meadow, Sherman, Tex. Combination-tool.	821,155	May 22	4366	929	122	1151
Carlyle Johnson Machine Company. (See Johnson, Moses C., assignor.)						
Carlyon, Philip H. (See Walker, Thomas H., assignor.)						
Carman, Bert C., assignor of one-half to P. T. and S. M. Weaver, Canastota, N. Y. Phonograph-record cabinet.	817,956	Apr. 17	2819	610	121	2090
Carman, Florence, assignor of one-half to J. M. Bye, Philadelphia, Pa. Stone-dressing machine.	827,960	Aug. 7	535	110	123	1805
Carmical, Oliver L., Hapeville, Ga. Cotton-chopping machine.	822,823	June 5	1169	241	122	1984
Carmichael, Albert B., administrator. (See Carmichael, Alexander.)						
Carmichael, Alexander, deceased; A. B. Carmichael, Westerly, R. I., administrator. Pressure-regulator.	812,017	Feb. 6	989	216	120	1690
Carmichael, Edwin A., Omaha, Nebr. Weighing apparatus.	829,194	Aug. 21	3048	638-9	123	2496
Carmichael, Edwin A., Omaha, Nebr. Weighing apparatus.	832,236	Oct. 2	450	83	124	1322
Carmichael, John P., Milwaukee, Wis. Attachment for natural teeth and forming the same.	822,582	June 5	705	143	122	1884
Carmichael, Thomas, Carnegie, Pa. Guard-rail.	837,036	Nov. 27	4303	914	125	1194
Carmickle, Mark, Thief River Falls, Minn. Milking-machine.	815,145	Mar. 13	2303	481	121	558
Carmody, Harold J., New York, N. Y. Die-stock.	828,191	Aug. 7	991	205	123	1913
Carnahan, Charles M., Newport, Ky., assignor to Globe-Wernicke Company, Cincinnati, Ohio. Collapsible vertical transfer-file.	831,415	Sept. 18	3028	643	124	815
Carnahan, Charles T. (See Murphy, Jeremiah, assignor.)						
Carnahan, Charles T., Denver, Colo. Pneumatic hammer.	834,187	Oct. 23	4596	974	124	2465
Carnahan, Charles T., Denver, Colo. Lubricating device.	838,380	Dec. 11	2215	480	125	1946
Carnahan, Charles T., Denver, Colo. Handle for pneumatic hammers.	839,727	Dec. 25	4873	1042	125	2686
Carnahan, Charles T., and J. Murphy, Denver, Colo.; said Murphy assignor to said Carnahan. Pneumatic hammer.	835,936	Nov. 13	2055	439	125	557
Carnahan, Cyrus M., Sandy Lake, assignor to Fidelity Title and Trust Company, Pittsburgh, Pa. Lock for car-doors.	823,762	June 19	3071	651	122	2502
Carnahan, R., Jr. (See Roberts, John E., assignor.)						
Carnross, Jacob M., Toledo, Ohio. Box-making machine.	837,605	Dec. 4	655	150-3	125	1516
Carnegie Steel Company. (See Weber, Peter M., assignor.) (Reissue.)						
Carnegie Steel Company. (See Whigham, William, assignor.)						
Carnell, Harry G., Dayton, Ohio. Gas-engine. (Reissue.)	12,572	Dec. 11	2461	535	125	2007
Carnes, Chester H., Trinidad, Colo. Eyeglass-guard.	828,924	Aug. 21	2473	524	123	2348
Carnes, Edward W., Chicago, Ill., assignor to American Can Company, New York, N. Y. Sectional or compartment can.	819,336	May 1	616	130	122	142
Carnes, Edward W., Chicago, Ill., assignor to American Can Company, New York, N. Y. Sheet-metal caddy for coffee, &c.	830,050	Sept. 4	279	57	124	68
Carns, Edmund B., New York, N. Y. Scenic frame.	821,156	May 22	4367	929	122	1151
Caroland, Stonewall J., Clarksville, Tenn. Hoop-drawing apparatus.	839,452	Dec. 25	4306	920	125	2549
Carothers, Eugene S., Westpoint, Miss. Carpet-stretcher.	812,405	Feb. 13	1802	394	120	1932
Carpenter, A. H., <i>et al.</i> (See Matteson, Walter C., assignor.)						
Carpenter, A. Q., <i>et al.</i> (See Duff, Hugh Y. B., assignor.)						
Carpenter, Alfred W., London, England. Elastic tire.	824,844	July 3	342	63	123	95
Carpenter, Amos H., Stockton, Cal. Rotary engine.	819,724	May 8	1366	295	122	367
Carpenter, Aricola L., Mount Vernon, N. Y. Railway-signal.	839,549	Dec. 25	4510	961	125	2598
Carpenter, Arthur A., <i>et al.</i> (See Smith, Robert C., assignor.)						
Carpenter, Benjamin F., Roselle Park, N. J. Safeguard for automatic railways.	815,320	Mar. 13	2654	555-6	121	637
Carpenter, Benjamin F., Roselle Park, N. J. Kinetic solenoid.	829,842	Aug. 28	4416	932	123	2877
Carpenter, Benjamin F., Roselle Park, N. J. Controller for automatic railways.	830,472	Sept. 4	1154	242-3	124	285
Carpenter, Charles W., <i>et al.</i> (See Crowell, Luther C., assignor.)						
Carpenter, Delos. (See Green and Carpenter.)						
Carpenter, Edwin W., Oakland, Cal. Support for paper fed to printing-presses.	833,997	Oct. 23	4181	886	124	2359
Carpenter, Eva M., Southboro, Mass. Bedstead attachment.	831,214	Sept. 18	2645	556	124	718
Carpenter, Francis W., Greenwich, Conn., assignor to F. F. Carpenter, New York, N. Y. Toy.	809,092	Jan. 2	945	196-7	120	209
Carpenter, Frank C., <i>et al.</i> (See Tubbs, Nelson J., assignor.)						
Carpenter, Franklin R., Denver, Colo. Recovering sulfurous oxid.	829,765	Aug. 28	4250	900	123	2836
Carpenter, Frederick F. (See Carpenter, Francis W., assignor.)						
Carpenter, George J., Bronson, Mich. Land-roller.	830,298	Sept. 4	807	165	124	202
Carpenter, George T., Chicago, Ill. Dental tool for removing crown-pins.	812,976	Feb. 20	2913	642	120	2210
Carpenter, Henry A., Sewickley, Pa., assignor to Riter-Conley Manufacturing Company, Jersey City, N. J. Conveyor for coke-retorts.	812,977	Feb. 20	2914	642	120	2210
Carpenter, Henry L., Minneapolis, Minn. Attachment for telephones.	821,924	May 29	5588	1251-2	122	1543
Carpenter, James B., Plantsville, Ohio. Cross-line buckle.	833,998	Oct. 23	4183	887	124	2360
Carpenter, Joseph, <i>et al.</i> (See Durand, Norbert, assignor.)						
Carpenter, Mason P., and W. D. Fonville, Mexico, Mo. Combined stalk-cutter and harrow.	835,499	Nov. 13	1241	267	125	358
Carpenter, Myron J., La Grange, Ill. Telegraph system.	818,145	Apr. 17	3189	686	121	2169
Carpenter, Noah. (See Graham and Lovelace, assignors.)						
Carpenter Paper Company. (See Rudolph, Frank E., assignor.)						
Carpenter, Rolla C., Ithaca, N. Y. Apparatus for making cement.	815,680	Mar. 20	3411	712-13	121	852
Carpenter, Rolla C., Ithaca, N. Y. Apparatus for producing cement.	833,918	Oct. 23	3906	828-9	124	2298
Carpenter, Wallace W., Fort Jervis, N. Y. Conduit-coupling.	825,583	July 10	1847	392	123	493
Carpentier, Jules, Paris, France. Magazine plate-holder.	826,920	July 24	4545	945	123	1201
Carpentier, Jules, Paris, France. Magazine-box for photographic films.	832,237	Oct. 2	453	84	124	1322
Carr, Edgar A. (See Kersey, Richard, assignor.)						
Carr, Edgar D., Akron, Ohio. Solid rubber tire.	832,039	Oct. 2	27	7	124	1219
Carr, Frank C., Simsbury, Conn. Hydraulic air-compressor.	821,607	May 29	5266	1123	122	1404
Carr, George R., Buffalo, N. Y. Drying-rack.	828,596	Aug. 14	1819	383	123	2151
Carr, James, Manchester, England. Curtain suspension-hook.	834,188	Oct. 23	4539	975	124	2466
Carr, John A., assignor of one-half to C. J. Koehler, Denver, Colo. Motor-vehicle.	831,499	Sept. 18	3188	674	124	857
Carr, John C., Burlington, Ind. Folding flue-stopper.	819,515	May 1	951	208	122	213
Carr, Mervin J. (See Barber, Carr, and Mitchell.)						
Carr, Michael F., Washington, D. C. Gage.	838,684	Dec. 18	2810	603	125	2137
Carr, Robert. (See Phipps, Abner A., assignor.)						
Carr, Robert T., Detroit, Mich. Game-board.	823,507	June 19	2590	546	122	2399
Carr, William C., Buffalo, N. Y. Automatic transporting device.	831,263	Sept. 18	2750	579-80	124	745
Carr, William F., and J. P. McLimans, Coatesville, Pa. Furnace.	837,191	Nov. 27	4597	975-6	125	1266

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Carr, William H., Meridian, N. Y. Adjustable head and back rest	814,272	Mar. 6	531	110	121	114
Carr, William H., Syracuse, N. Y. Adjustable head and back rest	836,961	Nov. 27	4138	883	125	1154
Carrick, William B., Chicago, Ill. Gas-lighting attachment	838,685	Dec. 18	2811	603	125	2138
Carrick, William D. (See Pax and Carrick.)						
Carrico, Henry F., Paducah, Ky. Power mechanism for churns	837,606	Dec. 4	662	153	125	1519
Carrier, Courtland F., Jr., assignor to Elmira Electrochemical Company, Elmira, N. Y. Apparatus for the electrolytic extraction of metals	830,051	Sept. 4	281	57	124	69
Carrier, Courtland S., Omaha, Nebr. Check-protector	819,705	May 1	1318	286	122	296
Carrier-Low Company. (See Carrier and Shotts, assignors.)						
Carrier Low Company. (See Low, John W., assignor.)						
Carrier, Roy J., and H. P. Shotts, assignors to Carrier-Low Company, Chicago, Ill. Egg-case filler	827,961	Aug. 7	537	101	123	1805
Carrier, Willis H., assignor to Buffalo Forge Company, Buffalo, N. Y. Apparatus for treating air	808,897	Jan. 2	549	122	120	121
Carriker, William M., Irving, Ill. Neck-yoke	812,822	Feb. 20	2599	571	120	2141
Carrington, Henry P. (See Broad, John F., assignor.)						
Carritte, Douglas P., New York, N. Y. Refuse-reduction machine	827,617	July 31	6065	1258	123	1592
Carroll, Arthur V., Batavia, Ohio. Attachment for increasing the swing of lathes	821,608	May 29	5268	1123	122	1404
Carroll, Charles E., Newport, Ark. Non-refillable bottle	812,724	Feb. 13	2416	530	120	2055
Carroll, Daniel, Columbus, Ohio. Fire-exit door	815,334	Mar. 20	2720	567	121	698
Carroll, Edward W. (See Baird and Carroll.)						
Carroll, Elbert L., Creston, Iowa. Combined snap-hook and buckle	821,856	May 29	5759	1226	122	1514
Carroll, Frank C., Painesville, Ohio. Register	829,138	Aug. 21	2925	613-14	123	2465
Carroll, Frank C., Painesville, and T. Fleming, Cleveland, Ohio. Railway-switch	832,840	Oct. 9	1661	342-3	124	1651
Carroll, Hugh J., et al. (See Taylor, James H., assignor.)						
Carroll, J. S. (See Galliher, Lawrence M., assignor.)						
Carroll, John B., Chicago, Ill. Acetylene-gas burner	817,750	Apr. 17	2368	508	121	1989
Carroll, John B., Chicago, Ill. Burning acetylene gas	817,751	Apr. 17	2369	508	121	1989
Carroll, Louis W., Anamosa, Iowa, assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone system	814,830	Mar. 13	1676	350	121	425
Carroll, Patrick P., Seattle, Wash. Sleeping-car	818,742	Apr. 24	4397	941	121	2482
Carroll, Phil F. (See Streich, Frank, assignor.)						
Carroll, Samuel T., Crothers, Pa. Metallic railway-tie	810,321	Jan. 16	3473	718	120	841
Carroll, Stephen H. (See Keenan and Tobin, assignors.)						
Carroll, Theron S., Winsted, Conn. Safety-pin	820,382	May 8	2744	597	122	673
Carroll, William F., et al. (See Horrall, William A., assignor.)						
Carroll, William J., and M. J. Mara, assignors to Sargent & Company, New Haven, Conn. Lock	833,301	Oct. 16	2597	543	124	1934
Carroll, Zachary T., St. Louis, Mo. Velocipede	838,381	Dec. 11	2218	480	125	1948
Carseadin, Charles A., assignor of one-half to G. A. Woodman, Chicago, Ill. Car-coupling	814,831	Mar. 13	1677	350-1	121	426
Carson, Elmer. (See Wright and Carson.)						
Carson, Eric, Harlem, Ill. Violin	819,205	May 1	346	74	122	84
Carson, Howard A. (See Wilgus and Carson.)						
Carson, John F. (See Torbett, James L., assignor.)						
Carson Robert N., San Francisco, Cal. Glove	823,204	June 12	1976	412	122	2208
Cartan, John. (See Breckon, Joseph A., assignor.)						
Carter, Albert, Los Angeles, Cal., assignor to Solar Furnace and Power Co. Solar furnace	811,274	Jan. 30	5414	1129	120	1336
Carter, Byron B., Hinsdale, Ill. Valve	829,504	Aug. 28	3701	781-2	123	2702
Carter, Byron B., Hinsdale, assignor to H. M. Van Hoesen, Chicago, Ill. Printing-press	829,505	Aug. 28	3707	782-8	123	2704
Carter, Clarence W., Minneapolis, Minn. Machine for icing cake and other pastry	813,857	Feb. 27	4667	1032-3	120	2648
Carter, Clarence W., Minneapolis, assignor of one-third to E. Zimmerman, St. Paul, Minn. Cake-icing machine	820,388	May 15	2766	600-1	122	739
Carter-Crume Company. (See Bengough, Tansley, and Reidel, assignors.)						
Carter, Edward D., Brenham, Tex. Continuous weighing-scale	837,794	Dec. 4	1023	228	125	1607
Carter, Edwin K., New York, N. Y., assignor to Kuttowait Butter Cutter Company. Machine for cutting butter, &c.	813,858	Feb. 27	4671	1033-4	120	2649
Carter, Floyd H., Beloit, Wis. Wire-stretcher	813,859	Feb. 27	4679	1034	120	2651
Carter, Frank W., San Diego, Cal. Automatic safety pulley-block	835,152	Nov. 6	560	114	125	142
Carter, George J., Kenton, Ohio. Prison-door-locking mechanism	812,637	Feb. 13	2253	489-90	120	2023
Carter, Henry W. (See Friede, Samuel M., assignor.)						
Carter, James, Stalybridge, G. Hall, Manchester, and A. Parsons, Leeds, England. Automatic circuit-breaking safety appliance for use in trolley-wire systems for electric traction	811,822	Feb. 6	539	120	120	1600
Carter, James F., et al. (See Fears, John, assignor.)						
Carter, James W., Abilene, Tex. Electric-light hanger	834,449	Oct. 30	5120	1087	124	2642
Carter, John, Malden, assignor to Globe Optical Company, Boston, Mass. Holding and gripping pliers	819,121	May 1	177	36	122	46
Carter, John R., Augusta, Ky., assignor to E. H. Huenefeld, Cincinnati, Ohio. Hinge	814,354	Mar. 6	722	146	121	159
Carter, John R., Augusta, Ky., assignor to E. H. Huenefeld, Cincinnati, Ohio. Hinge	814,355	Mar. 6	723	146	121	160
Carter, John R., Augusta, Ky., assignor to E. H. Huenefeld, Cincinnati, Ohio. Hinge	822,648	June 5	841	171	122	1914
Carter, John R., Augusta, Ky., assignor to E. H. Huenefeld, Cincinnati, Ohio. Hinge	822,649	June 5	843	172	122	1914
Carter, Joseph A., Barnesville, Ohio. Rotary engine	834,260	Oct. 30	4769	1008-9	124	2554
Carter, Lincoln J., Chicago, Ill. Fireproof curtain	828,532	Aug. 14	1697	357	123	2118
Carter, Llewellyn D., Los Angeles, Cal. Door-knob fastener	837,607	Dec. 4	665	153	125	1520
Carter, Lloyd S., Indianapolis, Ind. Parlor-polo	829,947	Sept. 4	16	4	124	5
Carter, Melton J. D., Hackney, London, England, assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus	823,920	June 19	3372	719	122	2571
Carter, Melton J. D., London, England, assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus	830,969	Sept. 11	2137	452	124	566
Carter, Richard, Stanton, N. J. Gate	832,893	Oct. 9	1772	365	124	1679
Carter, Samuel W., Omaha, Nebr. Railway-rail	833,919	Oct. 23	3910	829	124	2299
Carter, Sherman E. (See Seofield, Floyd W., assignor.)						
Carter, Taylor, Frankfort, Ky. Insulator	821,401	May 22	4868	1032	122	1262
Carter, Thomas, Mirboo North, and J. T. O'Sullivan, North Melbourne, Victoria, Australia. Cream and milk cooler	827,708	Aug. 7	23	5	123	1676
Carter, Thomas T., and S. J. Thompson, Bluefield, W. Va. Miner's lamp	818,871	Apr. 24	4653	999	121	2537
Carter, W. F., et al. (See Liesmann, Louis, assignor.)						
Carter, William D., Quincy, Ill. Kinetoscope for advertising	813,860	Feb. 27	4680	1034	120	2651
Carter, William L., assignor to Waterloo Register Company, Waterloo, Iowa. Register	833,871	Oct. 23	3793	805	124	2268
Carter, William T., Birmingham, England. Turbine	834,560	Oct. 30	5323	1130-1	124	2694
Carter, Winfield P., Raymond, Ill. Door-securer	826,538	July 24	3797	786	123	1010
Cartier, Cyrille, assignor of one-half to W. H. Williams, Woonsocket, R. I. Device for recutting valve-seats	820,550	May 15	3108	669	122	813
Cartwright, Charles P., Georgetown, Wash. Poultry health food	826,990	July 24	4665		123	1229

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Carver, Edwin, Winchester, Ind. Machine for making plugs for paper-rolls.	818,016	Apr. 17	2933	634-5	121	2115
Carver, George W., assignor to Greene, Tweed & Company, New York, N. Y. Lubricator.	829,096	Aug. 21	2814	592	123	2436
Carver, Thomas A. B., Glasgow, Scotland. Warp stop-motion.	811,373	Jan. 30	5598	1169	120	1375
Cary, Ben T., <i>et al.</i> (See Fry, Hugh B. and T. B., assignors.)						
Cary, Benjamin F., Houston, Tex. Sham pillow.	830,970	Sept. 11	2139	453	124	567
Cary, E. H. (See Jordan, Thomas P., assignor.)						
Cary, Harriet E., New York, N. Y. Punching-bag apparatus.	829,257	Aug. 21	3174	668	123	2526
Cary Inventions Co. (See Cary, Lewis C., assignor.)						
Cary, Lewis C., Chicago, Ill., assignor to Cary Inventions Co. Automatic train-pipe coupling.	819,408	May 1	756	161-2	122	171
Cary, Lewis C., Chicago, Ill., assignor to Cary Inventions Co. Car-coupling.	822,344	June 5	236	49	122	1777
Cary Safe Company. (See Kasselman, William J., assignor.)						
Casaday, William L., South Bend, Ind. Tube-cleaner.	836,629	Nov. 20	3412	729	125	937
Casaday, William L., and A. Bergman, South Bend, Ind. Annealing or malleableizing oven.	813,483	Feb. 27	3932	863	120	2489
Case, Adelbert B., Springfield, Mass. Rotary cutter for lawn-mowers.	838,521	Dec. 18	2492	539	125	2059
Case, Alfred W., Highland Park, Conn. Machine for making pulp-board.	838,686	Dec. 18	2812	604	125	2138
Case, Charles W., Jr., New Orleans, La. Feeding and blending machine.	811,482	Jan. 30	5781	1210	120	1413
Case, Edson G., Niagara Falls, N. Y. Abrasive body and making the same. (Reissue.)	12,567	Nov. 27	4747	1006	125	1303
Case, Estella, New York, N. Y. Artificial flower and making the same.	815,005	Mar. 13	2000	421	121	490
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Emergency operating means for reversing-switches.	809,773	Jan. 9	2342	484	120	547
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. System of control.	809,774	Jan. 9	2344	484	120	547
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. System of control.	809,908	Jan. 9	2575	533	120	598
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Surface-contact system.	812,725	Feb. 13	2417	530	120	2055
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Fluid-pressure system.	815,903	Mar. 20	3900	825	121	955
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Control system.	818,349	Apr. 17	3587	768	121	2252
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Controlling alternating-current motors.	822,345	June 5	238	50	122	1778
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Trolley-controlling apparatus.	830,568	Sept. 11	1370	285	124	368
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Power-operated brake.	834,107	Oct. 23	4426	940	124	2420
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Motor-control apparatus.	837,037	Nov. 27	4304	914	125	1194
Case, George W., Lestershire, N. Y. Cage.	839,453	Dec. 25	4308	921	125	2549
Case, Harold E., Bridgeport, Conn. Electric switch.	817,222	Apr. 10	1342	280	121	1717
Case, Henry, Gloversville, N. Y. Hinged-leaf button.	811,901	Feb. 6	704	154	120	1634
Case, Homer W., Pittsburg, Pa. Railway-rail clamp.	833,578	Oct. 16	3174	674	124	2073
Case, Homer W., Pittsburg, Pa., assignor to Truss Steel Tie Company. Tie for railways.	835,009	Nov. 6	264	58	125	69
Case, John M., Cincinnati, Ohio. Bolting-machine.	808,724	Jan. 2	205	44	120	47
Case, John M., Cincinnati, Ohio. Gradual-reduction mill.	811,128	Jan. 30	5120	1069-70	120	1271
Case, John M., Louisville, Ky. Package and letter delivering and collecting system.	813,542	Feb. 27	4048	886-8	120	2516
Case, Rolland A. (See Cioffi and Case.)						
Case, Theodore G. (See Cooley, Daniel P., assignor.)						
Case, Thomas M., Sutherland, Mo. Fly-trap.	820,389	May 15	2770	601	122	740
Case, William C., near New Boston, Tex. Bow-facing oar.	833,730	Oct. 23	3466	740	124	2187
Caselin Company of America. (See Dunham, Henry V., assignor.)						
Casella, Secondo L., assignor to W. F. Barnes Commercial Company and B. F. Mackall, San Francisco, Cal. Automatic basket-machine.	813,773	Feb. 27	4490	990-2	120	2610
Casey Bros. (See Omalia, Mathew, assignor.)						
Casey, Dennis D., Springfield, Mass. Tank-valve.	811,034	Jan. 30	4936	1030	120	1233
Casey, James H., <i>et al.</i> (See Wagner, William F., assignor.)						
Casey, James J., <i>et al.</i> (See Stawartz, John, assignor.)						
Casey, Oden N. (See Schooley and Casey.)						
Cash, Arthur W., Newark, N. J. Back-pressure valve.	816,216	Mar. 27	4530	962	121	1144
Cash, Arthur W., Newark, N. J. Check-valve.	831,141	Sept. 18	2514	530	124	686
Cash, Edward R., <i>et al.</i> (See Gibson, Rowan, assignor.)						
Cash, William F., Hiawatha, Kans. Merry-go-round.	835,398	Nov. 6	1055	225-6	125	267
Cashdollar, Joseph O., Callery Junction, and H. L. Brown, Sewickley, Pa. Rail-joint.	835,276	Nov. 6	802	167	125	203
Caskey, Artley E., Parkersburg, W. Va. Railway cross-tie.	819,725	May 8	1369	295	122	367
Caskey, David M., Jonesboro, Ark. Engineer's equalizing and discharge brake-valve.	819,726	May 8	1370	295-6	122	368
Caskey, Samuel S., Philadelphia, Pa. Punch or riveter.	832,294	Oct. 2	557	106	124	1347
Caskey, Samuel S., Philadelphia, Pa. Riveter or punch.	836,301	Nov. 20	2794	593	125	793
Caskey, Samuel S., Philadelphia, Pa. Punch or riveter.	836,630	Nov. 20	3415	729	125	937
Caskey, Samuel S., Philadelphia, Pa., and S. C. Bond, Wilmington, Del.; said Bond assignor to said Caskey. Riveter.	833,441	Oct. 16	2892	613	124	2008
Caspar, Charles H., Wilkes-Barre, Pa. Means for preventing creeping of rails.	837,192	Nov. 27	4598	976	125	1266
Casparis, Silvio A., Columbus, Ohio. Drill.	827,211	July 31	5174	1074	123	1373
Casper, Edward. (See Comba, Benvenuto, assignor.)						
Cassady, William O., Exline, Iowa. Knife for cutting seed-potatoes.	827,906	Aug. 7	409	87	123	1772
Cassard, Hamilton. (See Miller, Andrew E., assignor.)						
Cassel, Edward H., Allentown, Pa. Folding table-seat.	822,182	May 29	6385	1356	122	1656
Cassel, Gunnar E., Stockholm, Sweden. Producing ammonia and caustic alkali.	830,299	Sept. 4	809	124	124	203
Cassell, Bert E., Sparland, Ill. Windmill.	837,795	Dec. 4	1026	228	125	1607
Cassella Color Company. (See Kalischer, Georg, assignor.)						
Casselman, Laurence. (See Sykes, William W., assignor.)						
Cassels, David, Portage la Prairie, Manitoba, Canada. Latch.	834,508	Oct. 30	5238	1112	124	2673
Cassels, Louis J. (See McCain, John A., assignor.)						
Casson, George, Hamel, Ill. Favs-trough.	836,012	Nov. 13	2179	467	125	586
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors.	811,695	Feb. 6	320	69	120	1556
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors.	811,696	Feb. 6	321	70	120	1556
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors.	811,697	Feb. 6	321	70	120	1557
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors.	811,698	Feb. 6	322	70	120	1557
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors.	811,699	Feb. 6	323	70	120	1557

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors	811,700	Feb. 6	323	71	120	1557
Cassery, Joseph E., New York, N. Y., assignor to Remington and Sherman Company, Philadelphia, Pa. Boltwork for circular doors	811,701	Feb. 6	324	71	120	1558
Cassidy, Patrick, and A. A. St. Laurent, Salem, assignors to Draper Company, Hopedale, Mass. Harness-controlling mechanism for looms	808,813	Jan. 2	375	81	120	83
Casswell, Richard H., Vancouver, Canada, assignor to G. G. Bushby. Centrifugal swing.	818,743	Apr. 24	4398	941-2	121	2483
Castellon, Modesto, Merida, Mexico. Decorticating-machine	822,852	June 5	1231	254	122	1996
Castelnau, Marcelin, assignor to Société des Moteurs à Haute Tension, Paris, France. Apparatus for lubricating	816,296	Mar. 27	4679	994-5	121	1175
Castera, Charles, Sr. (See Castera, Charles J., Jr., assignor.)	832,956	Oct. 9	1890	303	124	1706
Castera, Charles J., Jr., assignor of one-half to C. Castera, Sr., Los Angeles, Cal. Checking or unchecking device	821,216	May 22	4472	952	122	1173
Casterlin, Warren S., Owego, N. Y. Hoof-trimmer	835,900	Nov. 13	1998	423	125	544
Casterlin, Warren S., Owego, N. Y. Horseshoe-nail clencher	836,434	Nov. 20	3062	650	125	854
Castets, Louis, Day, France. Apparatus for the extraction of tannin	823,508	June 19	2591	546	122	2400
Castle, Cornelius E. (See Sprangel, Volney M., assignor.)						
Castle, Lewis D., Barberton, Ohio, assignor to Pittsburgh Valve and Fittings Company, Pittsburg, Pa. Gate-valve	838,842	Dec. 18	3098	667	125	2208
Castle, Peter C. D., Bebbington, England. Manufacture of artificial mother-of-pearl	809,909	Jan. 9	2592		120	603
Castle, William W. (See Holly, Edgar P., assignor.)						
Caswell, Edwin H., Norridgewock, Me. Ventilator	838,382	Dec. 11	2220	481	125	1948
Caswell, Russell B. (See Upton, Charles S., assignor.)						
Caswell, William A., assignor, by mesne assignments, to National Coal Dump Car Company, Chicago, Ill. Car. (Reissue)	12,447	Feb. 6	1321	287-9	120	1760
Cates, Robert S., Kingman, Kans. Ice-machine	808,898	Jan. 2	551	122	120	121
Cates, Thomas L., et al. (See Kelly, Charles T., assignor.)						
Cather, Birt, Lebanon, Oreg. Violin-tailpiece	815,793	Mar. 20	3674	773	121	906
Cather, Charles E., and L. H. Buckley, Worcester, Mass. Sleeve-protector	817,416	Apr. 10	1727	364	121	1797
Cather, Frank B., Grafton, W. Va. Hood for gas-jets	823,261	June 12	2106	437	122	2237
Cathay, Albert M., Davidson, N. C. Transferring apparatus	812,638	Feb. 13	2255	490	120	2023
Cathon, Milo W. (See Chubb and Cathon.)						
Cattlet, Robert, et al. (See Birmingham, John P., assignor.)						
Catlin, Mildred H. P., Minneapolis, Minn. Book-holder	825,262	July 3	1138	241	123	296
Catlin, Robert M., Witwatersrand district, Transvaal. Belt conveyer	826,312	July 17	3284	678-80	123	862
Catlin, William, and M. McMillan, Kansas City, Mo. Carriage for display-racks	810,909	Jan. 30	4683	977	120	1175
Caton, Herschel, Kansas City, Mo. Perforating attachment for printing-presses	821,217	May 22	4473	952	122	1173
Cator, Leon. (See Cator, Richard G. and L.)						
Cator, Richard G. and L., Palmyra, N. Y. Wagon-box	834,045	Oct. 23	4282	908	124	2386
Cattaneo, Giuseppe, Charlottenburg, and J. Schlesinger, Berlin, Germany. Apparatus for driving air for metallurgical purposes	839,362	Dec. 25	4122	885	125	2504
Caudenberg, Charles A. C. de, Nice, France. Agglomerating fibrous substances	837,193	Nov. 27	4599		125	1267
Caudle, Fifer, Shattuck, Okla. Ter. Drills	819,978	May 8	1922	425	122	488
Caulfield, Frank P., et al., executors. (See Croque, Allen P.)						
Caughy, Albert E., Omaha, Nebr., assignor of one-half to J. Freese and S. W. Creel, Council Bluffs, Iowa. Lighter	808,725	Jan. 2	209	45	120	48
Caughy, Edward G., Huntington, W. Va. Magnetic dolly-bar	829,570	Aug. 28	3850	817	123	2739
Causser, William G., Birmingham, England. Apparatus for making corrugated metal sheets or plates	827,419	July 31	5613	1161	123	1478
Cavagnaro, John J., New York, N. Y. Machine for making watered silk	823,509	June 19	2595	547	122	2400
Cavallini, Berthe, Lombez, France. Frame for vehicle-hoods	833,122	Oct. 9	2199	462-3	124	1784
Cavanaugh, Leander J. (See Young and Cavanaugh.)						
Cavanaugh, Patrick W. (See Shaffer, Francis F., assignor.)						
Cave-Browne-Cave, Cecil B., Chesham, England. Appliance for securing the rims and tires of vehicle-wheels	833,199	Oct. 16	2388	500	124	1880
Cave, David, Bicester, England. Conveying or forwarding mechanism for harvesting-machines, &c.	834,046	Oct. 23	4284	909	124	2386
Cave, Frederick P., Los Angeles, Cal. Acetylene-gas machine	827,348	July 31	5430	1129	123	1435
Cave, John C. (See Froman and Cave.)						
Caverno, Xenophon, Kewanee, Ill. Filtering system	828,925	Aug. 21	2475	524	123	2348
Cawood, Walter E., Toledo, Ohio. Eyeglasses	810,368	Jan. 16	3572	734	120	864
Caxton Company. (See Zimmer, John, assignor.)						
Cay, Chas. A., et al. (See Wever, La Fayette T., assignor.)						
Cay, J. D., et al. (See Wever, La Fayette T., assignor.)						
Caywood, Walter L., and E. M. Steele, Canon City, Colo. Music-leaf turner	813,617	Feb. 27	4197	921	120	2547
Cazen, Canaan de, Montreal, Canada. Cigarette-making machine	827,848	Aug. 7	311	65-6	123	1747
Cazin, Francis M. F., Hoboken, N. J. Electric incandescent lamp	835,938	Nov. 13	2060	439	125	558
Cedervall, Carl W., administrator. (See Cedervall, Frans R.)						
Cedervall, Frans R., deceased; C. W. Cedervall, Gothenburg, Sweden, administrator. Protecting-sleeve for screw-propeller shafts	810,187	Jan. 16	3180	659	120	779
Celenza, Aristodemo and D., New York, N. Y. Bottle-closure	813,198	Feb. 20	3348	736	120	2305
Celenza, Aristodemo and D., New York, N. Y. Non-refillable bottle	827,212	July 31	5176	1074	123	1374
Celenza, Domenico. (See Celenza, Aristodemo and D.)						
Cellulose Package Manufacturing Company. (See Glader, William, assignor.)						
Central Optical Company. (See Peck, Peter, assignor.)						
Century Camera Company. (See Locke, Harvey W., assignor.)						
Cerasoli, Alberto, Rome, Italy. Gas-producer	815,794	Mar. 20	3675	773-4	121	906
Cerruti, Antonio, assignor to California Fruit Cannery Association, San Francisco, Cal. Can-filling apparatus	810,034	Jan. 16	2869	593	120	714
Cerruti, Frank A., New York, N. Y. Amusement-railway	814,939	Mar. 13	1858	389-90	121	463
Cesna, Harry D., San Francisco, Cal. Electric fan	829,319	Aug. 21	3297	696	123	2555
Ceylon Cocoa & Coffee Company. (See Herron, James M., assignor.)						
Chace, Albert F., Boston, Mass. Acetylene-gas generator	827,503	July 31	5831	1208	123	1531
Chadborn, Frederic C., assignor of seventy one-hundredths to M. J. and M. H. Keogh, D. S. Gerow, and R. H. Barnett, Newburgh, N. Y. Automatic ventilating apparatus	818,229	Apr. 17	3359	719	121	2205
Chadbourne, Franklin W., Fond du Lac, Wis. Implements to be used in playing duplicate whist	834,189	Oct. 23	4600	975-6	124	2466
Chadderton, Frank W., Oldham, England. Machine for combing cotton, wool, &c.	823,844	June 19	3231	683	122	2540
Chadeloid Chemical Company. (See Ellis, Carleton, assignor.)						
Chadwick, Edward W., Edgartown, Mass. Glass-cutting board	811,201	Jan. 30	5272	1103	120	1304
Chadwick, Francis C., Utica, N. Y. Sight for firearms	830,052	Sept. 4	285	57	124	70
Chadwick, Roy. (See Watson, William F., assignor.)						
Chain, Elmer E., Winthrop, assignor to Turner Tanning Machinery Company, South Boston, Mass. Leather-treating machine	835,399	Nov. 6	1056	226-7	125	267
Chainey, Emanuel, assignor of one-half to L. Yehle, Florence, Wis. Saw-set	838,843	Dec. 18	3099	667	125	2208

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Chakales, Steve. (See Wing, George D., assignor.)						
Chalfant, Walter B. (See Davis, James L., assignor.)						
Challenge Machinery Company. (See Kellerman, Charles H., assignor.)						
Challenge Machinery Company. (See Kyle, John, assignor.)						
Challenger, William, assignor of one-half to J. Forsyth, Niagara Falls, N. Y. Restraining device.	826,468	July 24	4020	833	123	1068
Challoner, John W., Oshkosh, Wis. Friction-clutch.	831,215	Sept. 18	2647	556	124	718
Chalmers, John, Bath, Me. Transmission-gear.	831,416	Sept. 18	3029	644	124	816
Chaloner, Thomas T., New York, N. Y. Vehicle-wheel.	839,728	Dec. 25	4875	1042	125	2687
Chamberlain, Arthur. (See Chamberlain, William and A.)						
Chamberlain, Arthur E. (See Epperson, Perrin, assignor.)						
Chamberlain, Blanchard, assignor of one-half to W. E. Smith, Bellefontaine, Ohio. Ex-hibiting device.	837,545	Dec. 4	522	121	125	1486
Chamberlain, Chester L., Los Angeles, Cal. Torpedo-setting mechanism.	835,097	Nov. 6	451	92	125	118
Chamberlain, Clarence M., Lead, S. D. Extraction vessel.	814,940	Mar. 13	1861	390	121	464
Chamberlain, Edward G. (See Chamberlain, Philip W. and E. G.)						
Chamberlain, George E., St. Louis, Mo. Shaft-hanger.	822,183	May 29	6386	1356	122	1656
Chamberlain, George E., St. Louis, Mo. Drier.	822,185	May 29	6390	1357	122	1657
Chamberlain, George E., St. Louis, Mo., and J. J. Merrill, Chicago, Ill. Pump-regulating system.	822,184	May 29	6388	1356-7	122	1656
Chamberlain, Jacob C., New York, and A. T. Marshall, New Rochelle, assignors to Automatic Refrigerating Company, New York, N. Y. Automatic controlling means for fluid-pressure systems.	834,870	Oct. 30	5966	1267	124	2855
Chamberlain, John H. (See Rieth and Chamberlain.)						
Chamberlain, Leander T. (See Turner, Isaac J., assignor.)						
Chamberlain, Philip W. and E. G., Greytown, Nicaragua. Tool for cutting and fitting boiler-tubes.	819,516	May 1	952	208-9	122	213
Chamberlain, Theron T., assignor of two-thirds to W. M. Lady and J. W. Roney, Chicago, Ill. Lunch-cabinet table.	819,851	May 8	1631	347-8	122	429
Chamberlain, William and A., Wigston Magna, England. Brake for the hubs of cycles.	811,617	Feb. 6	162	36	120	1520
Chamberlin Cartridge & Target Company. (See Haughawout, John W., assignor.)						
Chamberlin Cartridge & Target Company. (See Masel, Theodore assignor.)						
Chamberlin, Clinton A., Detroit, Mich. Building-wall.	819,979	May 8	1923	425-6	122	489
Chamberlin, Elzie C. (See Boylan and Chamberlin.)						
Chamberlin, Elzie C., Denison, Iowa. Jeweler's pliers.	836,861	Nov. 27	3914	836	125	1102
Chamberlin, John, Flat Rock, Mich. Stubble-cutter attachment.	832,365	Oct. 2	693	133	124	1379
Chamberlin Metal Weather Strip Company. (See McMahon, Josiah C., assignor.)						
Chambers Brothers Company. (See King, Howard K., assignor.)						
Chambers, Burton L., San Jacinto, Cal. Beet-topper.	835,600	Nov. 13	1444	309	125	408
Chambers, Charles E. (See Chambers, John H., R. M., and C. E.)						
Chambers, Clarence S., Sidney, Nebr. Vaccine-injector.	834,261	Oct. 30	4771	1009	124	2554
Chambers, Edward W., Toledo, Ohio. Column.	836,562	Nov. 20	3297	703	125	912
Chambers, Hamline J., Council Bluffs, Iowa. Stilt.	815,795	Mar. 20	3677	774	121	907
Chambers, J. D., et al. (See King, Phineas F., assignor.)						
Chambers, James A., trustee. (See Lubbers, John H., assignor.)						
Chambers, James A., assignor to W. J. Patton, Allegheny, Pa. Apparatus for drawing glass.	810,035	Jan. 16	2872	593	120	715
Chambers, James A., Allegheny, assignor, by mesne assignments, to G. T. Oliver, Allegheny county, Pa. Combined tank and pot furnace.	828,538	Aug. 14	2282	486	123	2270
Chambers, James A., Allegheny, assignor, by mesne assignments, to G. T. Oliver, Allegheny county, Pa. Combined pot and tank furnace.	828,839	Aug. 14	2283	486-7	123	2270
Chambers, James A., Allegheny, assignor to G. T. Oliver, Allegheny county, Pa. Combined tank and pot furnace.	832,569	Oct. 2	1092	219	124	1476
Chambers, James A., Allegheny, assignor to G. T. Oliver, Allegheny county, Pa. Combined tank and pot furnace.	832,570	Oct. 2	1093	219-20	124	1477
Chambers, John E., Shelbyville, Ind. Incubator.	816,003	Mar. 27	4097	866	121	1050
Chambers, John H., London, England, R. M. and C. E. Chambers, Belfast, Ireland. Change-speed and reversing gear for automobiles.	824,624	June 26	4753	1012-13	122	2924
Chambers, John S., Wilmington, N. C. Throttle-valve.	816,217	Mar. 27	4533	962-3	121	1144
Chambers, Joseph E., St. Louis, Mo. Suture-bridge.	815,264	Mar. 13	2533	532	121	611
Chambers, Robert A., New Glasgow, Nova Scotia, Canada. Apparatus for testing pneumatic tools.	839,111	Dec. 25	3628	783	125	2382
Chambers, Robert M. (See Chambers, John H., R. M., and C. E.)						
Chambers, William J., Chicago, Ill., assignor to American Can Company, New York, N. Y. Screw-top for syrup and other cans.	834,190	Oct. 23	4604	976	124	2467
Chambers, William J., Chicago, Ill., assignor to American Can Company, New York, N. Y. Friction-top can.	834,191	Oct. 23	4605	976	124	2467
Chambers, Worthly L. C., Chicago, Ill. Removable back for seats.	814,766	Mar. 13	1548	327	121	398
Chambonnaud, Léon, Limoges, France. Stenographic machine.	828,192	Aug. 7	990	206	123	1913
Chameleon Signal & Manufacturing Company. (See Richardson, William A., assignor.)						
Chameleon Signs et al. (See Avery and Pearce, assignors.)						
Champeau, Louis. (See Schmidt and Champeau.)						
Champion Coated Paper Company. (See Parker, John O., assignor.)						
Champion Machinery Company. (See Meyer, Ernest C., assignor.)						
Champion Machinery Company. (See Streich, Frank, assignor.)						
Champion Metal Weather Strip and Parting Bead Company. (See Faulkner, Charles H., assignor.)						
Champion Potato Machinery Company. (See Knoerzer, Otto, assignor.)						
Champion Shoe Machinery Company. (See Corcoran, George L., assignor.)						
Champion Shoe Machinery Company. (See Corcoran and Dobyne, assignors.)						
Champlin, Alexander G., assignor of one-half to F. A. Smith, Grand Rapids, Mich. Wire-wrapping machine.	824,171	June 26	3841	820	122	2729
Chance, Alfred T., Berlin, Md. Curtain-holder.	839,729	Dec. 25	4876	1042	125	2687
Chance, Oscar V. (See Gannett and Chance.)						
Chancey, Christopher C., Hartford, Ala. Glass-retaining device for sashes.	811,544	Feb. 6	19	5	120	1489
Chandler, Adoniram J., Des Moines, Iowa. Apparatus for stretching wire fencing.	837,259	Nov. 27	4727	1001	125	1299
Chandler, Charles A., Carlisle, Pa. Apparatus for use in cleaning beer-coils.	829,367	Aug. 21	3402	717	123	2581
Chandler, Daniel L., Ayer, Mass. Tool-free mechanism for metal-working machines.	836,631	Nov. 20	3419	729-30	125	938
Chandler, Daniel L., assignor to G. J. Burns, Ayer, Mass. Planer.	826,476	July 17	3601	750	123	941
Chandler, Edward F., Brooklyn, N. Y. Sketch-board.	830,769	Sept. 11	1791	369-70	124	481
Chandler, Edward F., Brooklyn, and W. N. Richardson, New York, N. Y.; said Chandler assignor to said Richardson. Pliers for cutting, forming, and clenching staples.	838,008	Dec. 11	1442	312-13	125	1755
Chandler, George E., Taunton, Mass. Acetylene-gas generator.	823,103	June 12	1760	362-3	122	2159
Chandler, George E., assignor to Mason Machine Works, Taunton, Mass. Electric warp stop-motion for looms.	823,489	June 12	2546	536	122	2329
Chandler, George E., assignor to Mason Machine Works Taunton, Mass. Top-roll clearer for spinning-frames.	825,584	July 10	1851	392	123	494

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Chandler, George H., Providence, R. I. Bracelet.....	826,086	July 17	2866	594	123	763
Chandler, George H., Marshfield, Mass. Cranberry-picker.....	833,369	Oct. 16	2730	575	124	1969
Chandler, Henry H. (See Gary, Albert D., assignor.)						
Chandler, William E., Elcampo, Tex. Calf-weaner.....	809,775	Jan. 9	2348	485	120	548
Chaney, John K., <i>et al.</i> (See Driver, Charles H., assignor.)						
Channell, George H., assignor to Union Spring and Manufacturing Co., New Kensington, Pa. Spring end.....						
Channon, Henry, Chicago, Ill. Excavating-bucket.....	809,173	Jan. 2	1082	226	120	238
Channon, James H., Chicago, Ill. Means for hanging and operating theater-curtains.....	832,894	Oct. 9	1774	365-6	124	1679
Chanute, Octave, Chicago, Ill. Means for aerial flight.....	815,994	Mar. 20	3902	825-6	121	955
Chapal, Antonin, New York, N. Y. Machine for carroting furs.....	834,658	Oct. 30	5537	1175	124	2748
Chapdelaine, Adelard P. (See Biladeau and Chapdelaine.) (Reissue.)	839,550	Dec. 25	4513	962	125	2598
Chapie, Alexander, Florissant, Mo. Car-loading apparatus.....	836,435	Nov. 20	3063	650	125	854
Chaplin, Edwin D., Boston, Mass. Producing pigments by electrolysis.....	836,177	Nov. 20	2530	532	125	726
Chaplin-Fulton Manufacturing Company. (See Fulton, Louis B., assignor.)						
Chaplin, Manley J., assignor of one-half to E. Kaufmann, St. Louis, Mo. Beer-tap.....	837,608	Dec. 4	666	153	125	1520
Chapman, Charles E., assignor of one-half to J. Goodfellow, Fort Edward, N. Y. Pulp-screen.....	818,230	Apr. 17	3362	720	121	2205
Chapman, Charles E., assignor of one-half to J. Goodfellow, Fort Edward, N. Y. Steam-boiler.....	835,400	Nov. 6	1061	228	125	268
Chapman, Charles F., Lowell, Mass. Package-sealing device.....	829,948	Sept. 4	17	4	124	6
Chapman, Charles H., Kansas City, Mo. Vehicle-tongue support.....	837,038	Nov. 27	4310	915	125	1196
Chapman Electric Neutralizer Company. (See Chapman, William H., assignor.)						
Chapman, Floyd P., assignor to Eagle Lock Company, Terryville, Conn. Lock-case.....	837,664	Dec. 4	774	177	125	1545
Chapman, Frank M., Fort Edward, assignor to Mill Machinery Manufacturers, Sandy Hill, N. Y. Paper and pulp screen.....	814,587	Mar. 6	1170	245	121	254
Chapman, Frank M., Fort Edward, assignor to W. J. Gallagher, Sandy Hill, N. Y. Speed-drive.....	831,601	Sept. 25	3420	717	124	953
Chapman, Frank M., Fort Edward, assignor to W. J. Gallagher, Sandy Hill, N. Y. Pulp-screen.....	834,192	Oct. 23	4606	976	124	2468
Chapman, George A., <i>et al.</i> (See Brown, Eugene, assignor.)						
Chapman, Hemen C., Leamington, Canada. Corn-busker.....	819,122	May 1	179	37	122	46
Chapman, Henry S., Glenridge, N. J., and W. M. Stone, New York, N. Y., assignors to Arlington Company. Coated strip and making the same.....	813,618	Feb. 27	4199	922	120	2548
Chapman, Howard D. (See Hicks and Chapman.)						
Chapman, James W. (See Savage and Chapman.)						
Chapman, Jay D., and W. R. McAttee, Oil City, Pa. Rotary washer for vehicles.....	820,475	May 15	2942	637	122	776
Chapman, John J., Ogburn, assignor of one-half to N. C. Crafton, Kinderwood, Va. Nut-lock.....	831,928	Sept. 25	4109	856	124	1131
Chapman, Matthew T., Aurora, Ill. Well-sinking apparatus.....	810,910	Jan. 30	4685	977-8	120	1176
Chapman, Matthew T., Aurora, Ill. Well-sinking apparatus.....	833,200	Oct. 16	2390	500-1	124	1881
Chapman, Matthew T., Aurora, Ill. Well-sinking apparatus.....	833,201	Oct. 16	2395	501-2	124	1882
Chapman, Penrose E., St. Louis, Mo. Elevator safety-alarm.....	822,186	May 29	6391	1357-8	122	1657
Chapman, Robert E., Colorado City, Colo. Triple valve.....	809,491	Jan. 9	1792	370	120	427
Chapman, Sidney B., Skyland, N. C. Treated wood and producing the same.....	839,551	Dec. 25	4514	.....	125	2599
Chapman, William E. (See Haight and Chapman.)						
Chapman, William H., assignor to Chapman Electric Neutralizer Company, Portland, Me. Removing static electricity.....	824,339	June 26	4161	890	122	2797
Chappel, James M., Dallas, Tex. Electric time-switch.....	825,111	July 3	840	174-5	123	223
Chappelle, Walter D., Wyoming, Ontario, Canada. Bottle attachment.....	836,013	Nov. 13	2180	467	125	586
Chaquette, Ephraïem, New Rochelle, N. Y. Powder brush or puff.....	817,694	Apr. 10	2243	482	121	1904
Chaquette, Ephraïem, New Rochelle, N. Y. Vehicle-wheel and pneumatic tire therefor.....	829,461	Aug. 28	3626	761-2	123	2684
Chaquette, Ephraïem, New Rochelle, N. Y. Motor-vehicle.....	830,642	Sept. 11	1523	314-15	124	409
Charbonneau, Augustin, assignor to F. J. Charbonneau, Worcester, Mass. Motor.....	838,687	Dec. 18	2814	604	125	2138
Charbonneau, Felix J. (See Charbonneau, Augustin, assignor.)						
Chard, Nicholas D. (See Lodge and Chard.)						
Charky, John, Esplen borough, Pa. Journal-box.....	816,432	Mar. 27	4991	1060	121	1240
Charky, John, Esplen borough, Pa. Vegetable-grater.....	828,193	Aug. 7	992	207	123	1914
Charles, Alfred, Worcester, England. Machine for making nails, rivets, &c.....	837,384	Dec. 4	213	52-4	125	1409
Charles H. Collins & Sons. (See Harris, Thomas, assignor.)						
Charles, Harland. (See Tambling and Charles.)						
Charles, Henry L., assignor of one-half to F. A. Heinze, Butte, Mont. Lining converters.....	832,895	Oct. 9	1776	366	124	1680
Charles Holmes Machine Company. (See Holmes and Allen, assignors.)						
Charles, John F. (See McKenzie, Charles, assignor.)						
Charles Parker Company. (See Walker, Eli M., assignor.)						
Charleston, Daniel, Melbourne, Victoria, Australia. Compound for sealing punctures in pneumatic tires.....	832,841	Oct. 9	1663	.....	124	1652
Charls, George H., assignor to American Rolling Mill Company, Middletown, Ohio. Wall-tie.....	816,297	Mar. 27	4683	995	121	1177
Charlton, Joseph A., Hinton, W. Va. Shade-bracket and support.....	836,242	Nov. 20	2676	568	125	762
Charlton, Richard B., Milwaukee, Wis., assignor, by mesne assignments, to Rail Joint Company and Illinois Steel Company. Manufacturing l sh-plates.....	828,272	Aug. 7	1144	240	123	1949
Charlton, Richard C., assignor to Henry Disston and Sons, Incorporated, Philadelphia, Pa. Side-dressing tool for saw-teeth.....	816,433	Mar. 27	4993	1060	121	1240
Charlton, Thomas F., Meadville, Pa., assignor to Keystone View Company. View-holder.....	827,786	Aug. 7	198	40	123	1718
Charnock, Benjamin, West Lafayette, Ohio. Wrench.....	831,264	Sept. 18	2755	580	124	747
Charpentier, Edmond, and J. Richelle, Verviers, Belgium. Heddle-making machine.....	809,668	Jan. 9	2145	444-5	120	502
Charron, Eugene L., Seattle, Wash. Sash-closing device.....	837,194	Nov. 27	4600	976	125	1267
Charron, Ferdinand, and L. Girardot, Paris, France. Carbureter for petroleum-motors.....	816,846	Apr. 3	591	123	121	1489
Chartener, Victor, Pittsburg, Pa. Work-reversing mechanism for rolling-mills.....	837,039	Nov. 27	4311	915-16	125	1196
Charvat, Charles L., Peoria, Ill. Steam-tool.....	819,727	May 8	1372	296	122	368
Charvat, Charles L., Peoria, Ill. Boiler-tube cleaner.....	821,087	May 22	4236	901	122	1121
Chase, Amos F., Lynn, Mass. Shirt.....	813,774	Feb. 27	4495	992-3	120	2611
Chase, Arthur C., Omaha, Nebr. Nest for poultry.....	827,709	Aug. 7	24	6	123	1676
Chase, Arthur W., New York, N. Y. Roasting-furnace.....	823,393	June 12	2337	490-1	122	2285
Chase & Baker Company. (See Chase and Bayer, assignors.)						
Chase, Charles A., Chicago, Ill. Electric receptacle.....	832,718	Oct. 9	1414	285	124	1593
Chase, Charles A., Chicago, Ill. Electric-sign letter.....	835,848	Nov. 13	1899	402	125	521
Chase Foundry and Manufacturing Company. (See Chase and Stocklin, assignors.)						
Chase, H. M., <i>et al.</i> (See Williams, Orin, assignor.)						
Chase, Herbert C., assignor to Crescent Forgings Company, Oakmont, Pa. Universal coupling.....	822,853	June 5	1233	254	122	1997
Chase, James L., Ayer, Mass., assignor of one-half to E. A. Terrell, Nashua, N. H. Portable measuring-can.....	813,402	Feb. 27	3769	827	120	2451
Chase, James W., Buffalo, N. Y. Wall-plaster.....	812,978	Feb. 20	2915	.....	120	2211
Chase, Joseph E., and J. S. McCreary, Canal Dover, Ohio. Theater-chair.....	816,899	Apr. 3	699	143	121	1513

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Chase, Joseph H., and W. F. Bayer, assignors to Chase & Baker Company, Buffalo, N. Y. Automatic player for musical instruments	828,877	Aug. 21	2375	504-6	123	2322
Chase, Joseph H., and W. F. Bayer, assignors to Chase & Baker Company, Buffalo, N. Y. Automatic musical instrument	832,295	Oct. 2	560	106	124	1349
Chase, Newton D., assignor of one-half to W. H. Roberts, Henley, Cal. Spirit-level	817,467	Apr. 10	1841	386	121	1820
Chase, Reuben H., Boston, Mass. Device for supporting and delivering paper for wrapping or bundling purposes	830,206	Sept. 4	624	126	124	159
Chase Rolling Mill Co. (See Moshier, James W., assignor.)						
Chase-Shawmut Co. (See Masterson, Frank D., assignor.)						
Chase-Shawmut Company. (See Luther, Benjamin S., assignor.)						
Chase, Sherwood M., and W. C. Stocklin, assignors to Chase Foundry and Manufacturing Company, Columbus, Ohio. Truck	836,921	Nov. 27	4064	867-8	125	1136
Chase, Walton L., Banning, Cal. Combined furrowing plow and cultivator	829,766	Aug. 28	4252	901	123	2837
Chase, Walton L., Banning, Cal. Gage	837,195	Nov. 27	4601	976	125	1268
Chateaufeuf, Frank, Haverhill, Mass. Tack-pulling machine	827,962	Aug. 7	538	110-11	123	1806
Chateaufeuf, Frank, Haverhill, Mass. Stitch-indenting machine	836,862	Nov. 27	3916	836	125	1103
Chatem, John E., Los Angeles, Cal. Folding bed	810,036	Jan. 16	2874	593	120	715
Chater, William, Denver, Colo. Combined match receptacle and igniter	820,953	May, 22	3934	838-9	122	1056
Chatfield, Irving G., Waterbury, Conn. Detachable adjustable stove-grate	822,921	June 12	1378	287	122	2076
Chattanooga Implement and Manufacturing Company. (See Starr, Hillyard A., assignor.)						
Chattanooga Pipe and Foundry Company. (See Hedges and Miller, assignors.)						
Chattanooga Plow Company. (See Buchanan, Judson, assignor.)						
Chattanooga Plow Company. (See Moore, Josiah H., assignor.)						
Chatterton, Albert E. (See Copeland and Chatterton.)						
Chattin, Frank W. (See Wheeler, Wells, assignor.)						
Chaudoir, Gustav, Jr., Vienna, Austria-Hungary. Copper alloy	820,954	May 22	3940		122	1057
Chauby, Pierre, assignor to P. Habay, Paris, France. Frame or reinforcement for concrete railway-sleepers	839,730	Dec. 25	4877	1042	125	2687
Chaussé, Wilfrid, Long Island City, N. Y. Insulation-cutter	824,172	June 26	3843	820	122	2730
Chavey, George H., Winooski, Vt. Bridge	837,796	Dec. 4	1029	229	125	1608
Check, J. O. (See Andrews, John M., assignor.)						
Checo, Henry I. (See Hudlow, John W., assignor.)						
Cheek, Frank. (See Holsberg, Dean A., assignor.)						
Cheek, Henry M., Pleasant Plains, Ark. Fastening-stud	816,779	Apr. 3	451	101	121	1457
Cheesman, A. S. (See Coplantz, Cyrus, assignor.)						
Cheesman, Charles H., Burlington, N. J. Making stiffening material	812,639	Feb. 13	2257		120	2024
Cheesman, Roy E., La Fayette, Ind. Corn-planter	819,409	May 1	758	162	122	172
Cheever, Murray, assignor to E. Howard Clock Company, Boston, Mass. Electromagnetic motor	813,775	Feb. 27	4496	993	120	2611
Cheln, Julius, New York, N. Y. Toy	823,713	June 19	2984	632	122	2485
Chelberg, Axel, New York, N. Y. Trousers-hanger	814,429	Mar. 6	883	180	121	192
Chemische Fabrik auf Actien, (vorm. E. Schering.) (See Emilewicz, Thaddaeus, assignor.)						
Chemische Fabrik auf Actien, (vorm. E. Schering.) (See Hesse, Albert, assignor.)						
Chemische Fabrik Griesheim Electron. (See Baither, Otto, assignor.)						
Chemische Fabrik Griesheim Electron. (See Suchy, Robert, assignor.)						
Chemische Fabrik Griesheim Elektron. (See Laska, August L., assignor.)						
Chemische Fabrik von Heyden Aktiengesellschaft. (See Seifert, Bruno R., assignor.)						
Chemische Fabriken Gladbeck, Gesellschaft mit beschränkter Haftung. (See Pauling, Arthur and H., assignors.)						
Chenet, John E., Litcher, Ia. Lifter	821,088	May 22	4238	901	122	1121
Cheney, Eston S., East Oakland, Cal. Mount	817,043	Apr. 3	986	202	121	1578
Cheney, George H., Rochester, N. Y. Driving, braking, and coasting mechanism	821,701	May 29	5460	1163-4	122	1446
Cheney, George M., Indianapolis, Ind. Concrete-bridge reinforcement	820,921	May 15	3868	824	122	979
Chenoweth, Walter B. (See Parks, Thomas W., assignor.)						
Cherry, Copway C., Seattle, Wash. Steam-boiler	816,530	Mar. 27	5186	1100	121	1285
Cherry, Louis B. (See Coffman and Cherry.)						
Chervot, Eugene, Villefranche-sur-Saône, assignor to Cie. Anonyme Continentale pour la Fabrication des Compteurs à Gaz et Autres Appareils, Paris, France. Apparatus for discharging gas-retorts	834,710	Oct. 30	5641	1197	124	2775
Chesbrough, Horace H., Seattle, Wash. Time egg-boiler	816,072	Mar. 27	4252	901-2	121	1084
Chesbrough, Horace H., Southpark, Wash. Time egg-boiler	821,857	May 29	5760	1226	122	1514
Chesnutt, John L., Chicago, Ill., assignor to T. G. Orwig, Des Moines, Iowa. Pneumatic carpet-cleaner	824,683	June 26	4862	1036	122	2946
Chesrown-Faifer Co. (See Faifer, Anthony, assignor.)						
Chesrown, M. M. (See Faifer, Anthony, assignor.)						
Chester, Frank E., Providence, R. I. Fishing-float	835,500	Nov. 13	1244	268	125	359
Chester, John F., assignor of thirty-five one-hundredths to J. J. Seiberz, Louisville, Ky. Mail-bag catcher	810,322	Jan. 16	3474	718	120	841
Chesterman, Albert W., Sparkhill, England. Cycle pedal-plate	820,095	May 8	2198	479	122	553
Chevalier, Charles G. (See Meyer and Chevalier.)						
Cheverfield, Oliver, Deer River, Minn. Log-loader	821,089	May 22	4239	901	122	1122
Chevigny, Emile, Richhill, Oreg. Composition of matter for painting and preserving wood	824,974	July 3	599		123	159
Chevolleau, Joseph A. S., Kingston, Jamaica. Parlor game	822,721	June 5	993	202	122	1947
Cheyne, Frederick H., Indianapolis, Ind. Speed-differentiator	833,772	Oct. 23	3547	756	124	2208
Cheyne, Frederick H., assignor of one-half to G. E. Varney, Indianapolis, Ind. Combined fuse and switch	819,206	May 1	347	74	122	84
Cheyne, Samuel D., Belfast, Ireland. Apparatus for measuring and marking the distance from the ground of skirts, &c.	809,669	Jan. 9	2156	446	120	505
Chezem, Samuel S., Terre Haute, Ind. Device for marking artificial stone	833,675	Oct. 16	3347	712	124	2114
Chicago Binder & File Company. (See Mudd, Joseph A., assignor.)						
Chicago Car Seal & Manufacturing Company. (See Foote, Lewis A., assignor.)						
Chicago Compound Battery Co. (See Blameuser, Benjamin J., assignor.)						
Chicago Fuse Wire and Manufacturing Company. (See Glover, Benjamin H., assignor.)						
Chicago Grain Door Company. (See Hill, Edward A., assignor.)						
Chicago Grain Door Company. (See Mallory, James L., assignor.)						
Chicago Lubricator Company. (See Edwards, Frank W., assignor.)						
Chicago Pneumatic Tool Company. (See Meissner, Edward C., assignor.)						
Chicago Pneumatic Tool Company. (See Mull, James H., assignor.)						
Chicago Railway Equipment Company. (See Frost, Harry W., assignor.)						
Chicago Railway Equipment Company. (See Huntton, Charles F., assignor.)						
Chicago Railway Equipment Company. (See Robischung, Henry B., assignor.)						
Chicago Railway Equipment Company. (See Williams, Charles H., Jr., assignor.)						
Chicago Title and Trust Company, trustee. (See Cothran, Grove, assignor.)						
Chick, Henry, et al. (See Fink and Andlauer, assignors.)						
Chidester, John H., Dobbs Ferry, N. Y. Adjustable washer	811,035	Jan. 30	4938	1030	120	1234

INDEX OF PATENTS ISSUED FROM THE

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Chigor, Amalie von, assignor to M. Kussner, New York, N. Y. Heater	820,096	May 8	2199	479	122	553
Child, James J., <i>et al.</i> (See Palmer and Waterman, assignors.)						
Children, William C., Council Bluffs, Iowa. Cultivator	827,078	July 31	4875	1016	123	1294
Childress, Henderson P., New York, N. Y. Cotton-picker	828,018	Aug. 7	659	135	123	1834
Childress, Hollis B., Granite, Okla. Ter. Pipe grapple or puller	823,667	June 19	2911	615	122	2470
Childs, Frank A. (See Fleming and Childs)						
Childs, Samuel S., Bernardsville, N. J. Vehicle-wheel	836,302	Nov. 20	2797	594	125	794
Childs, Samuel S. and W., Jr., Bernardsville, N. J. Vehicle-wheel	819,337	May 1	618	130-1	122	142
Childs, William, Jr. (See Childs, Samuel S. and W., Jr.)						
Chiles, Sinclair W., South Bethlehem, Pa. Air-lock	816,642	Apr. 3	202	47-8	121	1405
Chiles, Sinclair W., South Bethlehem, Pa. Stuffing-box for traveling cables, rods, &c.	816,643	Apr. 3	206	48	121	1406
Chiles, Sinclair W., South Bethlehem, Pa. Dirt-elevating pump	834,606	Oct. 30	5428	1153	124	2719
Chimzar, Frank, Ely, Minn. Propeller-wheel	808,814	Jan. 2	378	81	120	84
Chiodera, Alfred, Zurich, Switzerland. Navigable balloon	809,093	Jan. 2	950	197	120	210
Chipault, Francois, assignor to J. L. Wolf, New York, N. Y. Self-lighting attachment for gas-burners	838,239	Dec. 11	1941	415-16	125	1881
Chipman, Horace D., Home City, Ohio. Lock	834,360	Oct. 30	4956	1050	124	2601
Chisholm, Alexander V., Cambridge, Mass., assignor of one-half to A. Ela, Salem, N. H. Lock	833,302	Oct. 16	2599	544	124	1935
Chisholm, Arthur W., Breckenridge, Mich. Bean-support	826,016	July 17	2724	564	123	728
Chisholm, Charles L., North Sydney, Canada. Pitch-indicating attachment for sound-reproducing machines	814,941	Mar. 13	1863	390-1	121	464
Chisholm, John, Kalgoorlie, Western Australia, Australia. Sluice-discharge construction of filter-presses	822,100	May 29	6220	1326	122	1619
Chisholm, Harry M., Byron, Ga. Pea-harvester	832,957	Oct. 9	1891	393	124	1707
Chisholm, Walter P., assignor of one-half to J. A. Ladd, Sherman, Tex. Wire-stretcher	838,079	Dec. 11	1609	346-7	125	1798
Chism, David E., Stafford Springs, Conn. Cash-carrier apparatus	820,955	May 22	3941	839-40	122	1057
Chisolm, William B., Charleston, S. C. Fertilizer	824,280	June 26	4050		122	2774
Chisolm, William B., Charleston, S. C. Making fertilizing material	824,281	June 26	4051		122	2774
Chisolm, William B., Charleston, S. C. Making insecticide-fertilizer	839,112	Dec. 25	3630		125	2383
Chittenden, Elmer H., <i>et al.</i> (See Ansley, George W., assignor.)						
Chivers, Cedric, Bath, England. Magazine-binder	825,112	July 3	843	175	123	224
Chmieleff, Paul P., Moscow, Russia. Assorter and washer for sand and gravel	833,579	Oct. 16	3176	674-5	124	2074
Choiniere, Arthur, Holyoke, Mass. Molding-machine	812,979	Feb. 20	2915	643	120	2211
Choquette, Joseph A. (See Ferland, Napoleon H., assignor.)						
Choralcelo Manufacturing Company. (See Gevery and Sinclair, assignors.)						
Chormann, Alvin W., and L. L. Combs, Hickory, Pa. Rail-joint	809,284	Jan. 9	1358	276	120	334
Chovan, Andrew, and M. Gex, Allegheny, Pa. Fender	813,776	Feb. 27	4199	993-4	120	2612
Chrisco, Shelvey, assignor of one-half to J. W. Copeland, Cobalt, Mo. Vehicle-tongue support	821,218	May 22	4475	952	122	1173
Chrisman, Clarence C., St. Louis, Mo. Folding copy-holder for type-writers	834,262	Oct. 30	4773	1009	124	2555
Chrisman, Horace, Wilkesburg, Pa., assignor to Pittsburg Meter Company. Meter for measuring liquids	822,428	June 5	381	79	122	1808
Christ, Charles E., assignor to I. Christ, Tamaqua, Pa. Conveyor	826,991	July 24	4666	971	123	1229
Christ, Henry K., Mahanoy City, Pa. Gauge apparatus	836,632	Nov. 20	3422	730	125	939
Christ, Isaac. (See Christ, Charles E., assignor.)						
Christen, Joseph C., J. Orgeich, St. Louis, Mo., and C. Born, Charlestown, Mass.; said Orgeich and Born assignors to said Christen. Roller towel-rack	822,346	June 5	242	50	122	1779
Christensen, Carl V. J., Attleboro, Mass. Automatic-locking collar	836,303	Nov. 20	2798	594	125	794
Christensen, Christ, assignor, by mesne assignments, to Columbia Voting Machine Company, Indianapolis, Ind. Voting-machine	828,324	Aug. 14	1391	294	123	2040
Christensen, Claus P., Bull Frog, Nev. Ore separator or filter	824,905	July 3	461	90-1	123	123
Christensen, Emil. (See Pfuger and Christensen.)						
Christensen, Frederik H., <i>et al.</i> (See Rhett, James M., assignor.)						
Christensen, George P. (See Addy, Marion, assignor.)						
Christensen, Jens N., Chicago, Ill. Temporary binder	813,948	Feb. 27	4843	1069	120	2684
Christensen, Jesse, Clarinda, Iowa. Knob-latch	814,186	Mar. 6	356	73	121	78
Christensen, Lars, Sioux City, Iowa. Cement post	817,752	Apr. 17	2370	509	121	1989
Christensen, Leonard, assignor to Scottdale Foundry & Machine Co., Scottdale, Pa. Lorry	826,142	July 17	2963	616	123	785
Christensen, N., Jr., <i>et al.</i> (See Rhett, James M., assignor.)						
Christensen, Nels C., Tacoma, Wash. Combination-tool	832,455	Oct. 2	879	169	124	1423
Christensen, Niels A. (See McLain, David, assignor.)						
Christensen, Niels A., Milwaukee, Wis. Lubricating mechanism	821,582	May 22	5195	1108	122	1330
Christensen, Niels A., Milwaukee, Wis. Fluid-compressor	823,156	June 12	1865	385-6	122	2182
Christensen, Niels A., Milwaukee, Wis. Hose-coupling	823,510	June 19	2596	547	122	2401
Christensen, Niels A., Milwaukee, Wis. Cut-out valve for fluid-compressors	826,649	July 24	4023	834	123	1069
Christensen, Niels A., Milwaukee, Wis. Pole-piece for electric machines	826,650	July 24	4024	834	123	1069
Christensen, Rasmus, Ogden, Utah. Mop-wringer	826,087	July 17	2867	594	123	763
Christensen, Robert, assignor to American Boot & Shoe Protector Manufacturing Co., Racine, Wis. Footwear	837,385	Dec. 4	218	54	125	1410
Christensen, Walter W., Chicago, Ill. Receptacle-closure	836,090	Nov. 20	2335	493	125	679
Christensen, Walter W., Chicago, Ill. Receptacle-closure	836,091	Nov. 20	2336	493	125	679
Christenson, Algot L., Stockholm, Sweden. Centrifugal liquid-separator	812,544	Feb. 13	2082	456	120	1990
Christenson, Lars, New York, N. Y. Hollow fireproof double-glazed window	834,968	Nov. 6	164	34	125	45
Christenson, Lars, New York, N. Y. Hollow fireproof window with revoluble sash	835,098	Nov. 6	455	92	125	119
Christian, Charles E., Thurmond, W. Va. Rail-joint	813,891	Feb. 27	4681	1035	130	2651
Christian, John, Hydraulic, and C. E. Wetzel, Naturita, Colo. Wrench	830,300	Sept. 4	809	166	124	203
Christian, John B., Minneapolis, Minn. Gasolene lighting system	811,823	Feb. 6	541	121	120	1600
Christian, Madison L., and E. E. Reynolds, assignors to American Wire Cloth Company, Clinton, Iowa. Shuttle-motion for looms	809,776	Jan. 9	2349	485	120	549
Christiansen, Carl, Crookston, Minn. Friction-clutch and governor	811,374	Jan. 30	5600	1170	130	1375
Christiansen, Charles F. F. Noll, and E. L. Buchanan, Grand Rapids, Mich. Music-turner	818,350	Apr. 17	3591	768	121	2253
Christiansen, Hans L., assignor of two-thirds to H. Tidemand and O. W. Dahl, Boston, Mass. Pneumatic tire	821,858	May 29	5762	1227	122	1514
Christiansen, Peter, Pleasant Grove, Utah. Ironing-table	826,539	July 24	3797	787	123	1010
Christianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Ore-car	814,273	Mar. 6	532	110-11	121	114
Christianson, Andrew, Butler, Pa., assignor to Standard Steel Car Company. Car-door mechanism	828,458	Aug. 14	1546	326-7	123	2080
Christianson, Christian, Bowbells, N. D. Trap	831,929	Sept. 25	4110	857	124	1132
Christiansson, Pehr, Carlos, Minn. Marker for corn-planters	837,386	Dec. 4	219	55	125	1410
Christie, Elza J., assignor to S. J. Christie, Marion, Iowa. Rotary engine	814,018	Mar. 6	26	6	121	7
Christie, Fred. (See Campbell, John, assignor.)						
Christie, Sarah J. (See Christie, Elza J., assignor.)						
Christie, Thomas S., assignor to Z and Z Company, Detroit, Mich. Weather-strip	817,223	Apr. 10	1343	281	121	1718

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Christofferson, Colburn N., and J. F. Lindberg, Hibbing, Minn. Window-washer's platform.	823,921	June 19	3374	720	122	2571
Christopher, George W., assignor to Sterling Blower & Pipe Manufacturing Company, Hartford, Conn. Separator.	836,922	Nov. 27	4068	868	125	1137
Christopher, Manual S., Survey, Fla. Swimming-glove.	819,852	May 8	1633	348	122	429
Christopher, Samuel H., Buena Vista, Ga. Attachment for hay-presses.	830,881	Sept. 11	1983	417	124	531
Christy, James, Akron, Ohio. Vehicle-tire.	822,583	June 5	707	143	122	1884
Christy, Will, Akron, Ohio. Vehicle-tire.	817,957	Apr. 17	2821	610	121	2090
Chrome Steel Works. (See Canda, Ferdinand E., assignor.)						
Chroninger, Leonard, Findlay, Ohio. Sucker-rod coupling.	819,040	May 1	11	3	122	5
Chrysler, Charles, Los Angeles, Cal. Garment-supporter.	823,922	June 19	3376	720	122	2572
Chubb, Jay, and M. W. Cathon, Helmick, Ohio; said Cathon assignor to said Chubb. Surveying instrument.	820,551	May 15	3110	670	122	814
Chubb, Samuel H., New York, N. Y. Syringe.	835,849	Nov. 13	1901	403	125	522
Chudleigh, Henry D. (See Skelton and Chudleigh.)						
Chun, William A., Houston, Tex. Switch-operating device.	810,323	Jan. 16	3475	718-19	120	841
Chundelah, Abraham, San Francisco, Cal. Tea-strainer holder.	809,607	Jan. 9	2030	421	120	478
Church, Albert E., assignor to Union Manufacturing Company, New Britain, Conn. Scroll-chuck.	823,033	June 12	1609	333	122	2128
Church, Alonzo N., Beacon, Iowa. Watering device.	816,557	Apr. 3	11	3	121	1356
Church, Andrew and C. A., Adrian, Mich. Combined wire stretcher and splicer.	816,298	Mar. 27	4684	995	121	1177
Church, Benjamin S., New York, N. Y., assignor to J. K. Lanning, trustee, Boston, Mass. Expandable-fluid turbine. (Reissue.)	12,469	Apr. 3	1178	243-4	121	1622
Church, Charles A. (See Church, Andrew and C. A.)						
Church, Charles A., Peoria, Ill. Washing-machine.	820,349	May 8	2676	585	122	659
Church, Charles N., Burlington, N. J. Apparatus for forming beads on cast-iron pipe.	814,519	Mar. 6	1038	215	121	226
Church, Daniel W. (See Wilson, Frank, assignor.)						
Church, Duane H., deceased, Newton, Mass.; H. L. Church, executrix. Machine for gaging pivots.	809,248	Jan. 2	1272	259-61	120	281
Church, Harriet L., executrix. (See Church, Duane H.)						
Church, William L., Newton, Mass. Dam.	833,506	Oct. 16	3030	643	124	2037
Churcher, William B., assignor to K. Dunham, Cincinnati, Ohio. Electrical converter.	839,113	Dec. 25	3631	784	125	2383
Churchill, Daniel F., Wakonda, S. D. Corn harvesting and husking machine.	838,240	Dec. 11	1944	416-17	125	1881
Churchill, James H., trustee. (See Knight, Alfred E., assignor.)						
Churchill, Theodore L., and W. B. Jones, Winsted, Conn. Spanner-wrench.	821,280	May 22	4599	980	122	1202
Churchill, William, assignor to Corning Glass Works, Corning, N. Y. Signaling.	810,714	Jan. 23	4289	891	120	1058
Churchill, William, assignor to Corning Glass Works, Corning, N. Y. Intensifying the colors of signal-lights.	810,715	Jan. 23	4292	891	120	1059
Churchman, Frank F. (See Lay and Churchman.)						
Churchard, Alexander, New York, N. Y., assignor to General Electric Company. Locking device for automobiles.	812,726	Feb. 13	2420	530	120	2057
Churchard, Alexander, New York, N. Y., assignor to General Electric Company. Vapor-rectifier.	838,949	Dec. 18	3277	709	125	2248
Churchward, Alexander, Schenectady, N. Y., assignor to General Electric Company. Protective device for automobile-motors.	835,401	Nov. 6	1065	229	125	269
Churchward, James, New York, N. Y. Hardening and toughening steel.	832,770	Oct. 9	1519		124	1619
Churchward, James, New York, N. Y. Quenching-bath for treating steel and iron.	832,771	Oct. 9	1520		124	1619
Churchward, James, New York, N. Y. Hardening and toughening metals.	832,772	Oct. 9	1521		124	1619
Churchward, James, New York, N. Y. Self-hardening alloy of iron and steel.	832,773	Oct. 9	1522		124	1619
Chute, George E., Princeton, Minn. Attachment for potato-diggers.	810,716	Jan. 23	4294	892	120	1059
Chute, Harry O., Cleveland, Ohio. Making wood-alcohol.	824,906	July 3	463		123	123
Chute, Harry O., Cleveland, Ohio. Making acetates.	835,501	Nov. 13	1245	268	125	359
Chute, Louis P., Minneapolis, Minn. Automatic stay-release.	812,182	Feb. 13	1355	295	120	1834
Chutter, George F., Penarth, England. Machine for molding dough or other plastic material.	814,274	Mar. 6	534	111	121	115
Cie, Anonyme Continentale pour la Fabrication des Compteurs à Gaz et Autres Appareils. (See Chervet, Eugene, assignor.)						
Cihalewski, Julijan, assignor to J. Cihalewski Farm Hill Manufacturing Company, Chicago, Ill. Mill.	814,672	Mar. 13	1357	283-4	121	355
Cincha Stopper Company. (See Dove, William H., assignor.)						
Cincinnati Butchers Supply Co. (See Gaddum, Alexander W., assignor.)						
Cincinnati Butchers Supply Co. (See Schmidt and Pflum, assignors.)						
Cincinnati Butchers Supply Company. (See Pflum and Schmidt, assignors.)						
Cincinnati Butchers Supply Company. (See Schmidt and Schmidgall, assignors.)						
Cincinnati Chrome Leather Company. (See Roach, William G. and A. C., assignors.)						
Cincinnati Coffin Company. (See Hoeffe, Francis I., assignor.)						
Cioffi, Antonino, and R. A. Case, assignors to American Specialty Company, Cleveland, Ohio. Apparatus for treating diseased tissues.	808,635	Jan. 2	29	7	120	9
Circuit Protecting Relay Company. (See Wright, Selden R., assignor.)						
Cisna, William E., Mount Vernon, Ind. Land-anchor.	817,044	Apr. 3	988	202	121	1578
Citron, Saul, assignor of one-third to S. B. Baumsee, New York, N. Y. Life-preserver.	822,882	June 5	1290	265	122	2008
City Trust Company of New York, trustee. (See Dement, Isaac S., assignor.)						
City Trust Company of New York, trustee. (See Dement and Hull, assignors.)						
Claffin, Adams D. (See Cummings, Henry H., assignor.)						
Claffin, William H., Oakdale, Wis. Wrench.	816,434	Mar. 27	4994	1060	121	1241
Clagett, Mary H., et al. (See St. Hoor, Samuel S., assignor.)						
Clagett, William S., et al. (See St. Hoor, Samuel S., assignor.)						
Claghorn, Clarence R., Wehrum, Pa. Car-dump.	811,129	Jan. 30	5123	1070-1	120	1271
Clair, Frank P., and F. Baser, Archbold, Ohio. Combination solid and ventilating door.	834,561	Oct. 30	5325	1131	124	2694
Clamond, Charles, Paris, France. Process of and apparatus for separating mixed gases.	820,283	May 8	5268	557	122	635
Clamond, Charles, Paris, France. Machine for incinerating, baking, and shaping incandescent gas-light mantles.	838,080	Dec. 11	1610	347	125	1798
Clancy, John, Kenner, La. Rail-joint.	825,806	July 10	2324	485	123	613
Clancy, John R. (See Cronin, Daniel J., assignor.)						
Clapp, Ford M., assignor to Ohio Varnish Company, Cleveland, Ohio. Producing surfaces in imitation of graining.	839,363	Dec. 25	4124		125	2505
Clapp, George D., Boston, Mass. Controlling device for spring-supported vehicle-bodies.	839,552	Dec. 25	4515	962	125	2599
Clapp, George E., Kalamazoo, Mich. Show or display case.	808,726	Jan. 2	211	45	120	48
Clapp, Hiram A., Chicago, Ill. Combined traction-engine and elevating-grader.	834,455	Oct. 30	5133	1090	124	2645
Clapp, Hiram A., Chicago, Ill. Power-carrying grading-machine.	834,456	Oct. 30	5136	1090-1	124	2646
Clapp, Robert M., Alhambra, Cal. Line stretcher and support.	826,992	July 24	4668	972	123	1229
Clar, August E., St. Louis, Mo. Non-refillable bottle.	839,114	Dec. 25	3632	784	125	2383
Clare, Charles R., Homestead, Pa. Printing-press attachment.	813,279	Feb. 20	3498	771	120	2336
Clare, John, Imogene, Iowa. Cultivator.	833,731	Oct. 23	3468	740-1	124	2187
Clare, Porter R., San Mateo, Cal. Display device.	828,926	Aug. 21	2477	525	123	2349

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Clare, William A. B., Toronto, Ontario, Canada. Card-holder for pictorial post-cards and the like.	835,178	Nov. 6	610	125	125	154
Claridge, Arthur P., Baltimore, Md. Sign-support.	819,338	May 1	620	131	122	143
Claridge, Thomas G., and T. A. Randall, Plainfield, N. J., assignors to Aluminum Press Company, New York, N. Y. Printing-press.	812,545	Feb. 13	2084	456-8	120	1991
Clark, Absalom F., assignor, by mesne assignments, to W. J. McGonigle, Philadelphia, Pa. Connector for storage batteries.	837,897	Dec. 4	1219	270	125	1656
Clark, Adolph C. and T. J., Perth Amboy, N. J. Apparatus for casting metals.	818,076	Apr. 17	3041	657	121	2136
Clark, Albert M., Marshalltown, Iowa. Railway truck and rail.	825,958	July 17	2606	541-2	123	696
Clark, Albert M., Marshalltown, Iowa. Railway-rail splice.	825,959	July 17	2608	542	123	697
Clark, Albert M., Marshalltown, Iowa. Railway-rail.	828,459	Aug. 14	1548	327	123	2081
Clark, Alvin S. (See Rapp, Samuel N., assignor.)						
Clark, Anthony L., <i>et al.</i> (See Fink and Andlauer, assignors.)						
Clark, Archibald C., Lillington, N. C. Back-support for seats.	822,506	June 5	536	110	122	1843
Clark, Arthur J., assignor of one-half to R. H. Hamm, Seattle, Wash. Electric-controlled street or station indicator.	822,429	June 5	382	79-80	122	1808
Clark, Arthur W. (See Whelpley, Charles E., assignor.)						
Clark, Carle D., Clifton, Ariz. Ter. Hydraulic cement and making the same.	811,902	Feb. 6	705	-----	120	1634
Clark, Charles A., Detroit, assignor of one-half to J. M. Hart, Flint, Mich. Non-refillable bottle.	837,665	Dec. 4	775	177	125	1546
Clark, Charles B., New York, N. Y. Air-admission device for locomotive fire-boxes.	813,862	Feb. 27	4682	1035	120	2652
Clark, Charles B., Bangor, Me. Chip-drier.	830,569	Sept. 11	1374	285	124	369
Clark, Charles C., Corning, N. Y. Motor or engine.	831,930	Sept. 25	4111	857	124	1132
Clark, Charles M. (See Harding and Clark.)						
Clark, Charles M., Summit, N. J., assignor of one-half to H. M. Harding, New York, N. Y. Single-pilot-wire control system.	829,139	Aug. 21	2928	614	123	2466
Clark, Charles O. (See Adams and Clark.)						
Clark, Charles R. (See Lyons and Clark.)						
Clark, Charles S., San Francisco, Cal. Stationery and other ornamentation.	828,533	Aug. 14	1699	358	123	2119
Clark, Clayton L., Scott township, Lackawanna county, Pa. Sleigh-shoe.	832,774	Oct. 9	1523	310	124	1619
Clark, David P., assignor to D. P. Clark and Company, Dayton, Ohio. Locomotive toy.	837,040	Nov. 27	4313	916	125	1197
Clark Dredging Company. (See Clark, Horace J., assignor.)						
Clark, Dwight G., Plainville, Conn. Sash-pulley.	818,231	Apr. 17	3364	720	121	2206
Clark, Edward L. C. (See Pell and Clark.)						
Clark, Edward S., Boston, Mass. Adjustable pressure-pump.	816,964	Apr. 3	839	172	121	1543
Clark, Emma, New Orleans, La. Invalid-robe.	818,351	Apr. 17	3592	769	121	2253
Clark, Enos, Midland, Ind. Shovel attachment.	838,498	Dec. 11	2435	528	125	2001
Clark, Eugene B., <i>et al.</i> , administrators. (See Browne, William F.)						
Clark, Eugene B., 2nd. (See Field, Clark, and Wilson.)						
Clark, Eugene B., Chicago, Ill. Slag-granulating apparatus.	824,340	June 26	4162	890-1	122	2797
Clark, Fannie E. (See Clark, Robert M. and F. E.)						
Clark, Francis L., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Conveyor.	833,774	Oct. 23	3551	756-8	124	2209
Clark, Francis L., Pittsburg, and W. V. Turner, Wilkinsburg, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Load-brake apparatus.	834,263	Oct. 30	4774	1010	124	2555
Clark, Francis W. (See Thomson and Clark.)						
Clark, Frank H. (See Knudson, Adolphus A., assignor.)						
Clark, Frank M., assignor of two-thirds to C. H. Philbrick, Tilton, N. H., and F. G. Balcom, Medford, Mass. Clock.	814,767	Mar. 13	1549	327-8	121	399
Clark, George H. L., Sterrett township, Allegheny county, Pa. Molding-press.	819,517	May 1	955	209	122	213
Clark, George L. (See Taylor and Clark.)						
Clark, George P. (See Perry, William C., assignor.)						
Clark, George P., assignor of one-half to E. M. Vynne, New York, N. Y. Rotary engine.	822,347	June 5	244	51	122	1779
Clark, Harry, St. Paul, Minn. Watch-holder.	822,922	June 12	1380	287	122	2076
Clark, Henry F., Poughkeepsie, N. Y. Cartridge.	819,518	May 1	956	209	122	214
Clark, Herbert G., Hartford, Conn. Surveying-rod.	826,540	July 24	3799	787	123	1011
Clark, Homer L., Youngstown, Ohio. Hat-fastener.	815,265	Mar. 13	2534	532	121	611
Clark, Horace E., Atlanta, Ga. Broom-shield.	822,507	June 5	537	110	122	1843
Clark, Horace G., <i>et al.</i> (See Tupper, John S., assignor.)						
Clark, Horace J., Boise, Idaho, assignor to Clark Dredging Company, Chicago, Ill. Gold-dredge.	814,019	Mar. 6	28	7	121	8
Clark, Horace O., New York, N. Y. Pianissimo action.	828,460	Aug. 14	1549	327	123	2081
Clark, Howard M., New Paynesville, Minn. Wrench.	817,468	Apr. 10	1842	386	121	1820
Clark, Hugh D., Columbus, Ohio. Burial casing or vault.	833,773	Oct. 23	3549	756	124	2208
Clark, Hugh E., Rochester, N. Y. Emergency exit-door lock.	824,173	June 26	3845	821	122	2730
Clark, Hugh E., Rochester, N. Y. Lathe-dog.	827,079	July 31	4876	1017	123	1295
Clark, Hulbert H., Santa Cruz, Cal. Surgeon's needle-holder.	838,383	Dec. 11	2221	481	125	1949
Clark, James, Bradford, Pa. Hose-clamp.	835,300	Nov. 6	847	178	125	214
Clark, James G., and L. F. Mehder, Oshkosh, Wis. Pocket	825,189	July 3	995	209	123	260
Clark, James M., 2d, North Attleboro, assignor to Daggett & Clap Co., Attleboro, Mass. Bracelet.	818,146	Apr. 17	3191	686	121	2169
Clark, James P., Newark, N. J. Wired plating and dipping rack.	811,375	Jan. 30	5602	1170	120	1376
Clark, James P., Dallas, Tex. Street-sweeping machine.	819,728	May 8	1376	296-7	122	369
Clark, James P., Ossian, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Wagon-body attachment.	824,779	July 3	186	33	123	54
Clark, James T., assignor of one-half to G. D. McKay, Winnipeg, Canada. Automatic nut-lock.	809,044	Jan. 2	829	177	120	183
Clark, James W., Janesville, Wis. Package-carrier.	831,705	Sept. 25	3664	766	124	1022
Clark, James W., Janesville, Wis. Voting-machine.	837,041	Nov. 27	4315	916	125	1197
Clark, Jester J., Athens, Ohio. Rope-clamp.	808,970	Jan. 2	702	152	120	155
Clark, John A., Bolckow, Mo. Combined coop and brooder for young chickens.	830,301	Sept. 4	810	166	124	203
Clark, John B., Farmerville, La. Cotton-chopper.	828,639	Aug. 14	1902	400	123	2173
Clark, John C., Atlanta, Ga. Pulverizer.	828,927	Aug. 21	2478	525	123	2349
Clark, John C., Atlanta, Ga. Screening apparatus.	828,928	Aug. 21	2480	525	123	2350
Clark, John H., West Concord, N. H. Railway-tie.	831,535	Sept. 25	3282	691	124	915
Clark, John P., <i>et al.</i> (See Butler, Amos K., assignor.)						
Clark, John P., Ypsilanti, Mich. Rail-bond.	824,625	June 26	4756	1013	122	2925
Clark, John P., Ypsilanti, Mich. Rail-bond.	831,830	Sept. 25	3884	814	124	1076
Clark, Joseph M., Apollo, assignor of sixty-two and one-half one-hundredths to P. Wise, Avonmore, and J. F. Lambing, Paulton, Pa. Whip-socket.	817,548	Apr. 10	1996	421	121	1852
Clark, Lee, Garrison, Iowa. Truss for cement posts.	810,717	Jan. 23	4296	892	120	1059
Clark, Lewis L., <i>et al.</i> (See McPhail, Hugh, assignor.)						
Clark, Louis W., Petaluma, Cal. Brooder.	818,872	Apr. 24	4654	999	121	2533
Clark, Lyonel E., <i>et al.</i> (See Bishop and Down, assignors.)						
Clark, Mary J., Boston, Mass. Shade-pull.	829,320	Aug. 21	3300	696	123	2556

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. G.	Vol.	Page.
Clark, Maurice C., Providence, R. I., assignor to Marvel Rubber Company. Apparatus for manufacturing rubber footwear.	823,923	June 19	3377	720-1	122	2572
Clark, Maurice C., Providence, R. I., assignor to Marvel Rubber Company. Manufacture of footwear.	823,924	June 19	3379	721	122	2572
Clark, Maurice C., Providence, R. I., assignor to Marvel Rubber Company. Manufacture of rubber footwear.	823,925	June 19	3381	721	122	2573
Clark, Maurice C., Providence, R. I., assignor to Marvel Rubber Company. Manufacture of footwear.	823,926	June 19	3382	722-3	122	2573
Clark, Maurice C., Providence, R. I., assignor to Marvel Rubber Company. Machine for manufacturing footwear.	823,927	June 19	3388	723-4	122	2575
Clark, Maurice C., Providence, R. I., assignor to Marvel Rubber Company. Manufacture of vulcanized footwear.	823,928	June 19	3392	724-5	122	2576
Clark, Melville, Chicago, Ill. Disappearing pedal for automatic pianos.	821,460	May 22	4982	1058	122	1287
Clark, Melville, Chicago, Ill. Variation-indicator for automatic musical instruments.	830,302	Sept. 4	815	167	124	204
Clark, Nelson H. and R. L., Munnsville, N. Y. Egg-carrier.	810,324	Jan. 16	3478	719	120	842
Clark, Patrick W., Superior, Nebr. Car-brake.	824,093	June 26	3695	787-8	122	2697
Clark, Percy L., Bristol, Conn., assignor, by mesne assignments, to National Self-Winding Clock Company, Champaign, Ill. Electrically-wound clock.	830,473	Sept. 4	1159	243	124	286
Clark, Philo B., <i>et al.</i> (See Jannell, Leslie D., assignor.)						
Clark, Ralph A., Chelsea, Ind. Ter. Stalk-cutter.	821,985	May 29	6004	1280	122	1568
Clark, Rice O., Jr., Hobsonville, New Zealand. Machine for flanging, socketing, or otherwise shaping earthenware pipes, &c.	817,045	Apr. 3	991	203	121	1579
Clark, Robert L. (See Clark, Nelson H. and R. L.)						
Clark, Robert M. and F. E., Newton, Mass. Hand-protecting device.	824,174	June 26	3846	821	122	2730
Clark, Robert M., Newton, Mass., and J. G. Bennett, Pittsburg, Pa. Protector for igniting material in signal-torches.	836,563	Nov. 20	3299	703	125	912
Clark & Roberts Company. (See Kerssey, William H., assignor.)						
Clark, Samuel C., Louisville, Ky. Door-check.	833,024	Oct. 9	2008	421	124	1736
Clark, Samuel H., Risingstar, Tex. Plow attachment.	810,467	Jan. 23	3819	784	120	955
Clark, Silas V., Allegheny, Pa. Horseshoe.	829,949	Sept. 4	18	4	124	6
Clark, Theodore F., Seattle, Wash. Door-chute.	826,541	July 24	3801	787	123	1011
Clark, Thomas J. (See Clark, Adolph C. and T. J.)						
Clark, Truston, Pomona, Cal. Water-gate.	833,303	Oct. 16	2601	544	124	1935
Clark, Wallace S. (See Emmet and Clark.)						
Clark, Walter G., Seattle, Wash. Insulator-clamp.	810,618	Jan. 23	4121	851	120	1021
Clark, Walter G., Seattle, Wash. Rail-bond.	824,845	July 3	343	63	123	95
Clark, Walter G., New York, N. Y., assignor to Parker-Clark Electric Company, Jersey City, N. J. Composition of matter for electric conductors.	821,017	May 22	4087		122	1089
Clark, William. (See Young, Clark, and Green.)						
Clark, William, Campbelltown, Scotland. Turbine.	819,000	Apr. 24	4892	1050	121	2590
Clark, William B. (See Martin, George F., assignor.)						
Clark, William D., Omaha, Nebr. Combination tie-plate and rail-brace.	837,282	Dec. 4	22	8-9	125	1360
Clark, William H. (See Bruce, Thomas J., assignor.)						
Clark, William H., Fullerton, Cal. Casing-screw.	832,238	Oct. 2	455	84	124	1323
Clark, William J., Chicago, Ill. Drip device for steam systems.	810,911	Jan. 30	4688	979	120	1177
Clark, William J., New York, N. Y. System of power generation and storage.	826,313	July 17	3290	680	123	865
Clark, William R., Chillicothe, Ohio. Crib attachment for beds.	810,718	Jan. 23	4297	892	120	1060
Clark, Wilmont E., New York, N. Y. Gas turbine-engine.	814,187	Mar. 6	359	73-4	121	78
Clarke, Alvin F., Edwardsville, Ill. Potato-harvester.	833,705	Oct. 15	3421	729	124	2129
Clarke, Arthur F., Butler, Pa. Adjusting device.	836,485	Nov. 20	3148	668	125	875
Clarke, Carl T., St. Louis, Mo. Metal car-frame.	826,832	July 24	4358	907	123	1154
Clarke, Edward J., Scranton, Pa. Oil-trap.	825,807	July 10	2325	485	123	613
Clarke, Edward J., Scranton, Pa. Gage.	829,368	Aug. 21	3403	717	123	2581
Clarke, F. R. (See Ingram, Wesley E., assignor.)						
Clarke, George B. and R. C. Vancouver, Canada. Extensible electric-light pendant.	827,849	Aug. 7	318	66	123	1749
Clarke, George W. (See Epperson, Henry T., assignor.)						
Clarke, Henry O., and J. W. Weeks, Maidstone, England. Handle-grip.	834,711	Oct. 30	5643	1197	124	2775
Clarke, James B., Washington, D. C., assignor to Industrial Motor Company. Marine aerial transportation system.	834,871	Oct. 30	5970	1268-9	124	2856
Clarke, John T. (See Smith, John A., assignor.)						
Clarke, Mary E., assignor to S. F. Clarke, Syracuse, N. Y. Skirt and waist retainer.	817,417	Apr. 10	1728	364	121	1797
Clarke, Metcalf A. (See Gillies, John S., assignor.)						
Clarke, Napoleon L., Balm, Fla. Plant-shield.	831,706	Sept. 25	3666	766	124	1022
Clarke, Ruggles C. (See Clarke, George B. and R. C.)						
Clarke, Sarah F. (See Clarke, Mary E., assignor.)						
Clarke, Sidney E. (See Doeblor, John F., Jr., assignor.)						
Clarke, William, Ayr, Scotland. Steel pile.	831,142	Sept. 18	2516	531	124	686
Clarke, William H., assignor of one-half to W. R. Moore, Chicago, Ill. Extensible window-washing device.	825,379	July 10	1387	292	123	379
Clarkin, James H. (See Schultes, Michael, assignor.)						
Clarkson, Eluide J. (See Clarkson, William H., assignor.)						
Clarkson, Frank S., assignor to Clarkson Manufacturing Company, Baltimore, Md. Sash-pulley.	827,618	July 31	6067	1259	123	1593
Clarkson, Frank S., assignor to Clarkson Manufacturing Company, Baltimore, Md. Track-pulley.	827,950	Aug. 7	320	67	123	1750
Clarkson, John P., <i>et al.</i> (See Yorke, Arthur H., assignor.)						
Clarkson Manufacturing Company. (See Clarkson, Frank S., assignor.)						
Clarkson, Matthew, <i>et al.</i> (See Yorke, Arthur H., assignor.)						
Clarkson, Philip S., Beverly, N. J., assignor to H. A. Metz, Brooklyn, N. Y. Making hydrosulfite solutions.	827,420	July 31	5615		123	1478
Clarkson & Son, William. (See Banks, John, assignor.)						
Clarkson, Thomas, Chelmsford, England. Regulation of liquid-fuel burners.	825,892	July 17	2481	516	123	663
Clarkson, Thomas, Chelmsford, England. Steam-generator.	831,417	Sept. 18	3032	644	124	817
Clarkson, William H., assignor to E. J. Clarkson, Edwards Station, Ill. Expansion-bit for coal-drills.	814,768	Mar. 13	1552	328	121	400
Clarkson, William H., assignor to E. J. Clarkson, Edwards Station, Ill. Support for coal-drills.	825,113	July 3	844	175	123	224
Clarkson, William R., Tenino, Wash. Cutting apparatus for harvesters.	834,969	Nov. 6	168	34	125	46
Clary, Simon, Carnegie, Pa. Rail-plate.	836,436	Nov. 20	3064	650	125	854
Classen, Alexander, Aachen, Germany. Electrolytic production of lustrous metallic coatings upon metals.	809,492	Jan. 9	1793		120	428
Classen, Alexander, Aachen, Germany, assignor to Classen-Lignum Company. Converting cellulose of wood into fermentable sugars.	825,808	July 10	2326		123	613
Classen-Lignum Company. (See Classen, Alexander, assignor.)						
Clauberg, Frederick A., Weehawken Heights, N. J. Safety-razor.	816,299	Mar. 27	4686	995	121	1177
Claudel, Charles H., Argenteuil, France. Carbureter for hydrocarbon-engines.	811,618	Feb. 6	163	36-7	120	1521

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr:g.	Vol.	Page.
Claudin, John L., assignor to Interlocking Fence Company, Morton, Ill. Stretcher.....	834,232	Oct. 23	4680	991	124	2486
Claudius Ash Sons & Company 1905. (See Goodhugh, Thomas, assignor.)						
Claudy, Edward H., Zanesville, Ohio. Desk and seat.....	835,010	Nov. 6	267	59	125	70
Claus, Emil A., Hartford, Conn. Gunning-machine.....	823,714	June 19	2985	632	122	2485
Claude, William L., Sewickley, and H. K. Hitchcock, Tarentum, Pa. Manufacture of glass sheets.....	832,842	Oct. 9	1664	343	124	1652
Clausen, Arthur W., South Chicago, Ill. Gas-reversing means.....	837,666	Dec. 4	776	177-8	125	1546
Clausen, Carl M., Elkhart, Ind. Hot-water heater.....	818,667	Apr. 24	4245	913	121	2449
Clausen, Henry P., Chicago, Ill., assignor to American Electric Telephone Company. Self-restoring signaling device.....	829,628	Aug. 28	3971	840	123	2768
Clausen, Henry P., assignor to American Electric Telephone Company, Chicago, Ill. Making electric condensers.....	836,863	Nov. 27	3919	837	125	1104
Clausen, John C., Wausa, Nebr. Horse-collar fastener.....	813,863	Feb. 27	4684	1035	120	2652
Clauser, Philip S., Aurora, Ill. Seal-lock.....	809,357	Jan. 9	1504	304	120	366
Clauss, Henrie. (See Gibford, Edward B., assignor.)						
Clauss, Henrie, Fremont, Ohio. Tension attachment for shears.....	828,302	Aug. 14	1233	257	123	2001
Clauss, Henrie, Fremont, Ohio. Tension attachment for shears.....	828,303	Aug. 14	1234	257	123	2001
Clauss, Henrie, Fremont, Ohio. Safety-razor.....	838,009	Dec. 11	1446	313	125	1757
Clauss, Henry, <i>et al.</i> (See Kaufman, Everett G., assignor.)						
Clauss, John H., <i>et al.</i> (See Kaufman, Everett G., assignor.)						
Claussen, Edward E., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.....	813,280	Feb. 20	3499	771-2	120	2336
Claussen, Niels H., Copenhagen, Denmark. Manufacture of English beers or malt liquors.....	813,199	Feb. 20	3349		120	2305
Clawson, Charles F., assignor of one-half to J. C. Baker and O. A. Geeseka, Mount Pleasant, Iowa. Railway-track appliance.....	828,929	Aug. 21	2481	526	123	2350
Clawson, Monroe S., New York, N. Y. Developing-table for photographic plates.....	838,167	Dec. 11	1800	386	125	1847
Clawson, Selden I., Salt Lake City, Utah. Roasting and volatilizing furnace.....	829,843	Aug. 28	4419	932-3	123	2878
Clay, Francis W. H., Pittsburg, Pa. Bottle-closure.....	811,824	Feb. 6	542	121	120	1600
Clay, Francis W. H., Pittsburg, Pa. Bottle-closure.....	811,825	Feb. 6	544	121	120	1601
Clay, Harry C., assignor to Reeves & Company, Columbus, Ind. Sawmill feed-drive.....	812,823	Feb. 20	2601	571	120	2142
Clay, Harry C., assignor to Reeves & Company, Columbus, Ind. Throttling-governor.....	813,037	Feb. 20	3025	666	120	2234
Clay, Harry C., assignor to Reeves & Company, Columbus, Ind. Coupling.....	816,218	Mar. 27	4534	963	121	1145
Clay, Harry C., and M. T. Reeves, assignors to Reeves & Company, Columbus, Ind. Band-cutter.....	812,784	Feb. 13	2522	554	120	2078
Clay, William E., Williamstown, Ky. Magazine-rifle.....	809,094	Jan. 2	952	198	120	211
Clay, William H., assignor of four-fifths to T. C. Jefferson, Lexington, Ky. Gate.....	832,009	Sept. 25	4248	888	124	1167
Clayton and Bentley Company. (See Clayton, William F., assignor.)						
Clayton and Bentley Company. (See Clayton and Bentley, assignors.)						
Clayton, Charles, Dayton, Ohio. Concrete-block machine.....	830,132	Sept. 4	466	94	124	117
Clayton, Ernest S., Newark, N. J. Dry-pipe valve for automatic sprinkler systems.....	813,350	Feb. 20	3653	801	120	2368
Clayton, John H., Nashville, Tenn. Building-block.....	838,844	Dec. 18	3101	668	125	2209
Clayton & Sons. (See Clayton, William J., assignor.)						
Clayton, William F., Atlanta, Ga., assignor to Clayton and Bentley Company. Thin-place detector for looms.....	828,535	Aug. 14	1701	358	123	2119
Clayton, William F., and C. P. Bentley, Atlanta, Ga., assignors to Clayton and Bentley Company. Thin-place detector for looms.....	828,534	Aug. 14	1700	358	123	2119
Clayton, William J., Halifax, assignor to Clayton & Sons, Nova Scotia, Canada. Wearing-apparel.....	834,889	Nov. 6	24	5	125	9
Cleal, Joseph P., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	822,824	June 5	1170	241-2	122	1984
Cleal, Joseph P., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Check and slip printing cash-register.....	833,825	Oct. 23	3682	786	124	2240
Cleal, Joseph P., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	833,826	Oct. 23	3687	786-7	124	2242
Cleary, Edward, assignor to Connecticut Web Company, Bridgeport, Conn. Hose-supporter clasp.....	828,840	Aug. 14	2284	487	123	2270
Cleary, William T. (See McIntyre, William, assignor.)						
Cleese, Frederick M., London, England. Apparatus for promoting muscular or physical development.....	821,783	May 29	5622	1198	122	1484
Cleaveland, Elias A., Belvidere, Ill. Bed-bottom.....	836,092	Nov. 20	2338	493	125	680
Cleaver, Howard C., London, England. Open fireplace.....	810,719	Jan. 23	4298	892-3	120	1060
Cleeland, John, St. Louis, Mo. Cable-reel turner.....	820,552	May 15	3112	670	122	814
Cleff, Bernhard, Raunenthal, near Barmen, Germany, assignor to Susquehanna Silk Mills, New York, N. Y. Oxidizing fabrics.....	810,394	Jan. 23	3668	754-6	120	919
Cleff, Robert vom, Jr., Jersey City, N. J., and C. F. Benedict, Brooklyn, N. Y. Guide-clamp.....	814,188	Mar. 6	360	74	121	78
Clegg, Thomas, assignor of two-thirds to A. McKinny and R. A. Bonnar, Winnipeg, Canada. Automatic air-brake controller.....	821,859	May 29	5763	1227	122	1515
Cleghorn, Edward D. (See Trueman and Cleghorn.)						
Cleland, Edward A., Lynchburg, Va. Non-siphoning trap.....	817,469	Apr. 10	1843	386	121	1821
Cleland, John W., Decatur, Ill. Incliniometer.....	819,339	May 1	621	131-2	122	143
Cleland, John W., Decatur, Ill. Loose-leaf book.....	828,640	Aug. 14	1903	400	123	2173
Clem, Nancy E., Enid, Okla. Ter. Pie-crimper and crust-cutter.....	820,553	May 15	3113	670	122	814
Clemans, William M. (See Myers and Clemans.)						
Clemenger, Francis J., Beaumont, Tex. Automatic and continuous film distillation apparatus.....	829,258	Aug. 21	3176	669	123	2527
Clement, Adolphe, Levallois-Perret, France. Carbureter.....	835,880	Nov. 13	1961	415	125	534
Clement, Adolphe, Levallois-Perret, France. Ignition device for explosion-engines.....	836,093	Nov. 20	2339	494	125	680
Clement, Charles, assignor to Societe Anonyme Matthey & Co., Vallorbe, Switzerland. Electrical insulating composition and manufacturing the same.....	833,580	Oct. 16	3178		124	2074
Clement, Edward E. (See Lattig, Goodrum, and Clement.)						
Clement, Edward E., Washington, D. C. Method of and means for railway-track construction.....	812,018	Feb. 6	990	217	120	1690
Clement, Edward E., Washington, D. C. Telephone-relay.....	823,763	June 19	3072	651	122	2502
Clement, Edward E., Washington, D. C., assignor to Dean Electric Company, Elyria, Ohio. Telephone-transmitter.....	826,542	July 24	3802	787	123	1012
Clement, Frank J., St. Louis, Mo. Davenport-bed.....	831,707	Sept. 25	3667	767	124	1022
Clement, John, assignor of one-half to W. H. Shubring, Baraboo, Wis. Permutation-lock.....	830,207	Sept. 4	626	126	124	159
Clement, Nelson, Chicago, Ill. Invalid-bed.....	824,846	July 3	344	63-4	123	95
Clement, Walter, Adrian, Mich. Splice for wire fences.....	838,522	Dec. 18	2493	540	125	2059
Clements, George, and J. M. Hostler, Chicago, Ill. Heat-controlling apparatus.....	811,483	Jan. 30	5784	1211	120	1413
Clements, Margaret E., Eastman, Ga. Piano pedal-guard.....	810,325	Jan. 16	3480	719	120	842
Clements, Rollings A., Duffau, Tex. Revolving kitchen-cabinet.....	833,775	Oct. 23	3554	758	124	2209
Clemetsen Company. (See Vaaler, Jens, assignor.)						
Clemm, Adolf, Mannheim, Germany. Manufacture of chlorin.....	819,410	May 1	760		122	172
Clemmensen, Erik C. (See Heitmann and Clemmensen.)						
Clemons, De Laski T., Hornellsville, N. Y. Double-belt sander.....	818,518	Apr. 24	3933	847-8	121	2380

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Page.	Page.	Vol.	Page.
Clemons, De Laski T., assignor of two-thirds to J. Peytrenet and J. F. Richardson, Hornellsville, N. Y. Sanding and polishing machine.....	810,037	Jan. 16	2875	594	120	716
Cledenon, William H., Healdsburg, Cal. Wire-fence stretcher.....	831,038	Sept. 18	2284	483	124	636
Clerc, Louis. (See Bardou, Clerc and Desouches.)						
Clery, Richard W., Maryborough, Ireland. Alarm-signal arrangement for use in connection with railways.....	823,668	June 19	2912	616	122	2470
Cleveland Armature Works. (See Ahlm, Charles E. F., assignor.)						
Cleveland Artificial Limb Co. (See Klopp, Thomas W., assignor.)						
Cleveland Car Specialty Company. (See Maltby, George B., assignor.)						
Cleveland, Charles C., Kern, Cal. Oil-burner.....	822,650	June 5	844	172	122	1914
Cleveland, Charles E., Fond du Lac, Wis. Resawing-machine.....	811,376	Jan. 30	5603	1170-1	120	1376
Cleveland, Charles E., Fond du Lac, Wis. Lumber-feeding machine.....	811,377	Jan. 30	5605	1172-3	120	1377
Cleveland, Charles E., Fond du Lac, Wis. Engine.....	833,304	Oct. 16	2602	544-5	124	1936
Cleveland, Charles J., assignor of one-half to A. F. Anderson, Rocky Ford, Colo. Means for suspending pantaloons.....	824,907	July 3	465	91	123	124
Cleveland, Corinne M., Newton, Mass. Mop.....	828,878	Aug. 21	2378	506	123	2322
Cleveland, David H., Kansas City, Kans. Combination-lock.....	818,414	Apr. 24	3723	799	121	2337
Cleveland, Erastus L., assignor of one-half to R. L. Lamberton, Sistersville, W. Va. Jar of drilling-tools.....	820,180	May 8	2360	513	122	588
Cleveland, Frederick A., New York, N. Y. Binder.....	809,426	Jan. 9	1667	342	120	398
Cleveland, Frederick A., New York, N. Y. Binder.....	809,493	Jan. 9	1795	371	120	428
Cleveland, Frederick A., New York, N. Y. Binder.....	809,494	Jan. 9	1798	371	120	429
Cleveland, Frederick A., New York, N. Y. Binder.....	809,495	Jan. 9	1801	371	120	430
Cleveland, Frederick A., New York, N. Y. Binder.....	809,496	Jan. 9	1804	371	120	431
Cleveland, Frederick A., New York, N. Y. Loose-leaf binder.....	829,321	Aug. 21	3301	696	123	2556
Cleveland, Frederick A., New York, N. Y. Binder.....	829,322	Aug. 21	3304	697	123	2557
Cleveland, Frederick A., New York, N. Y. Binder.....	829,323	Aug. 21	3308	697	123	2558
Cleveland, Frederick A., New York, N. Y. Binder.....	829,324	Aug. 21	3311	697	123	2559
Cleveland, Frederick A., New York, N. Y. Binder.....	829,325	Aug. 21	3314	697	123	2560
Cleveland, Frederick A., New York, N. Y. Binder.....	829,326	Aug. 21	3316	698	123	2561
Cleveland Hardware Company. (See Holcomb, Sereno S., assignor.)						
Cleveland, Philo, Seattle, Wash. Railway-switch.....	814,673	Mar. 13	1358	284	121	355
Cleveland Pneumatic Tool Company. (See Brainard, Sidney W., assignor.)						
Cleveland Pneumatic Tool Company. (See Meyer, Ernest C., assignor.)						
Cleveland Twist Drill Company. (See Peck, Eugene C., assignor.)						
Cleveland, Walter G. (See Boyle and Cleveland.)						
Cleveland, Willard E., Oregon, Ill. Money-box.....	824,094	June 26	3696	788	122	2697
Cleveland, William E., and F. J. Byrne, Memphis, Tenn. Safety railway-switch.....	837,387	Dec. 4	221	55	125	1410
Cleveland, William K., St. Petersburg, Fla. Adjustable car-stanchion.....	835,881	Nov. 13	1962	415	125	534
Cleven, Joseph B., Lodi, Wis. Fence-post.....	819,729	May 8	1378	297	122	369
Clevenger, Joshua D., assignor of one-half to A. H. MacNutt, San Francisco, Cal. Stone-saw.....	813,484	Feb. 27	3934	864	120	2490
Cliff, Jane, administratrix, <i>et al.</i> (See Compton, Lewis R., assignor.)						
Clifford, G. H., <i>et al.</i> (See Barnett, John B., assignor.)						
Clifford, Harlon A., Millers Falls, Mass. Hand-controlled tool.....	814,020	Mar. 6	32	7	121	9
Clifford, Hersey A., San Francisco, Cal. Elevator safety lock or grip.....	837,546	Dec. 4	523	121	125	1486
Clifford, Hobbs E., Lafontaine, Ind. Air-compressing engine.....	811,378	Jan. 30	5609	1173-4	120	1378
Clifford, Isidor, London, England. Tire for motor-cars.....	828,641	Aug. 14	1906	401	123	2173
Clifford, John J. (See Hoelscher and Clifford.)						
Clifford, Thomas G., assignor of two-thirds to W. McGrath, Hoboken, and G. F. D. Trask, Orange, N. J. Folding car-step.....	817,224	Apr. 10	1344	281	121	1718
Clifford, William. (See Peverall, Cornwall A., assignor.)						
Clifton Manufacturing Company. (See Thoma, Andrew, assignor.)						
Clifton, William H. J., Westpoint, assignor of one-half to N. and F. Hollander, Loretto, Tenn. Stovepipe-brace.....	839,269	Dec. 25	3945	847-8	125	2461
Climax Patent. (See Stocks, Harry B., assignor.)						
Climax Split Gland Company. (See Bunch, Walter A., assignor.)						
Climer, Herschel, Chillicothe, Ohio. Vine-divider attachment.....	824,282	June 26	4052	867	122	2774
Climer, Herschel, Chillicothe, Ohio. Machine for husking green corn.....	825,516	July 10	1712	359-60	123	460
Clinch-Jones, Frederick J., Leamington, England. Apparatus for heating metals.....	818,147	Apr. 17	3192	686-7	121	2169
Cline, Benjamin F., Indianapolis, Ind. Window-sash fastener.....	821,337	May 22	4717	1004-5	122	1227
Cline, Fred N., Chicago, Ill. Horseshoe.....	811,619	Feb. 6	165	37	120	1521
Cline, Fred N., Chicago, Ill. Cupola.....	814,769	Mar. 13	1554	328	121	400
Cline, Henry T., assignor of one-half to W. W. Rollins, Colorado Springs, Colo. Switch-point thrower.....	828,461	Aug. 14	1550	327	123	2081
Cline, John R., Kulm, N. D. Automaton advertising device.....	832,533	Oct. 2	1027	265	124	1460
Cline, William, assignor of two-thirds to J. F. Brimmer and W. Fuhrman, Lancaster, Pa. Apparatus for purifying smoke.....	824,469	June 26	4451	944	122	2858
Cling, William H., Charleston, S. C. Shoe-lace.....	813,949	Feb. 27	4844	1069	120	2684
Cling, William H., Charleston, S. C. Coat lapel and collar regulator.....	831,931	Sept. 25	4113	857	124	1132
Clinton Wire Cloth Company. (See Perry, John C., assignor.)						
Clinton Wire Cloth Company. (See Smith, Herbert L., assignor.)						
Clipfel, Jules, Besançon, France. Press for punching, shearing, stamping, and other purposes.....	832,593	Oct. 9	1156	231-2	124	1533
Clipper Plow Company. (See Klenk, Gottlieb, assignor.)						
Clippinger, Harry C., <i>et al.</i> (See Selzer, Mitchell J., assignor.)						
Clippinger, Harry C., assignor to M. E. Metzger and D. W. Brown, Akron, Ohio. Artificial bait.....	831,831	Sept. 25	3886	815	124	1076
Clippinger, Lonzo L., Pilchuck, Wash. Shoe-polishing device.....	822,825	June 5	1175	242	122	1986
Clisbee, Clarence E. (See Martin, Morris, assignor.)						
Clizbe, George D., <i>et al.</i> (See Smith, Robert C., assignor.)						
Clogston, Fred A., Bridger, Mont. Telegraph cut-out.....	834,659	Oct. 30	5540	1176	124	2749
Clohan, Lewis, <i>et al.</i> (See Stevens, Calvin M., assignor.)						
Cloninger, Ellie B., Hughes Springs, Tex. Pot-rack.....	812,546	Feb. 13	2089	458	120	1992
Clonney, A. M., <i>et al.</i> (See Lee, George W., assignor.)						
Clonney, James G., <i>et al.</i> (See Lee, George W., assignor.)						
Clopton, Mortimer L. (See Byar and Clopton.)						
Close, Charles J., Columbus, Ohio. Dumping-bucket.....	818,668	Apr. 24	4247	913	121	2450
Closson, John M., Hoosick Falls, assignor of one-half to B. McCusker, Troy, N. Y. Truck attachment for sleighs.....	811,545	Feb. 6	19	5	120	1489
Closson, S. M. (See Boyles, Victor G., assignor.)						
Closterman, Charles H., and G. J. Kuehne, Cincinnati, Ohio. Bending-machine.....	823,394	June 12	2340	491-2	122	2285
Clotz, Frank E., Menominee, Mich. Firearm-cartridge.....	811,379	Jan. 30	5613	1174	120	1379
Cloud, Arthur D., Davenport, Iowa. Announcing device for railway-cars.....	811,903	Feb. 6	706	154-5	120	1634
Cloud, John W., King's Cross, London, England. Automatic vacuum-brake.....	812,481	Feb. 13	1933	426-7	120	1960
Clough, Francis W., assignor to N. C. Newell, Springfield, Mass. Drilling-machine.....	813,351	Feb. 20	3657	801-2	120	2369

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr'g.	Vol.	Page.
Clough, Henry H., Elyria, Ohio. Railway-tie.....	816,644	Apr. 3	208	48	121	1406
Clough, Henry H., Elyria, Ohio. Railway-tie plate and means for securing rails thereto.	816,645	Apr. 3	209	48-9	121	1407
Clough, Henry H., Elyria, Ohio. Pole-base.....	833,202	Oct. 16	2399	502	124	1883
Clough, Jefferson M., Belchertown, Mass. Magazine-firearm.....	833,872	Oct. 23	3796	806	124	2269
Clough, John A., Spring Valley, Wis. Pencil-sharpener.....	819,123	May 1	182	37	122	47
Clouse, Joseph N. (See Brown and Clouse.)						
Clouse, William L., assignor to National Machinery Company, Tiffin, Ohio. Speed-changing gear.....	826,477	July 17	3605	751	123	942
Clow, Benjamin, Dalton, Mass. Swing.....	821,219	May 22	4476	953	122	1174
Clowes, Walter, Walthamstow, assignor to R. E. Atkinson, Leicester, England. Steam-controlling valve.....	829,691	Aug. 28	4107	870	123	2801
Clowry, William H., assignor of one-half to J. Hess, Chicago, Ill. Locomotive sand-box.	816,073	Mar. 27	4254	902	121	1085
Clugg, Francis W., Mancelona, Mich. Box-lifter.....	830,882	Sept. 11	1986	418	124	531
Clugsten, William P., Hamburg, Ill. Antislipping device for shoes.....	817,958	Apr. 17	2822	610	121	2090
Clukies, Frank O., and A. M. Hazell, New York, N. Y. Automatic bucket.....	827,080	July 31	4877	1017	123	1295
Clunies, Arthur B., assignor to Sill Stove Works, Rochester, N. Y. Burner.....	839,454	Dec. 25	4310	921	125	2550
Clyde Iron Works. (See McGuffert, John R., assignor.)						
Coakley, Frederick, Holywood, Ireland. Slip or case for pillows, bolsters, or cushions.	823,929	June 19	3395	725	122	2576
Coakley, Frederick, Holywood, Ireland. Slip for pillows, bolsters, and cushions.	823,930	June 19	3396	725	122	2576
Coal Handling Machinery Company. (See Keefer, William W., assignor.) (Reissue.)						
Coal Handling Machinery Company. (See Pates, James S., assignor.) (Reissue.)						
Coale, Frank W., et al., executors. (See Coale, Joseph M.)						
Coale, Joseph M., deceased, Baltimore, Md.; F. W. and M. L. Coale, executors, assignors to Coale Muller and Safety Valve Co., Baltimore, Md. Safety-valve.....	825,380	July 10	1389	292	123	379
Coale, Mary L., et al., executors. (See Coale, Joseph M.)						
Coale Muller and Safety Valve Co. (See Coale, Joseph M., assignor.)						
Coalter, William T., Barton Heights, Va., assignor to American Tobacco Company, Newark, N. J. Cigarette-machine.....	819,730	May 8	1379	297-8	122	369
Coan, Abraham S. (See Hawn, Samuel L., assignor.)						
Coan, John, Kansas City, Mo., assignor of one-fifth to R. W. Coan, Gravity, Iowa. Tire-armor.....	822,651	June 5	846	172	122	1915
Coan, Roy W. (See Coan, John, assignor.)						
Coates, George, Winterslow, England. Fencing-wire stretcher.....	831,932	Sept. 25	4114	857	124	1133
Coates, George H., Worcester, Mass. Flexible shaft.....	835,215	Nov. 6	681	140	125	173
Coates, Harry E., Sacramento, Cal. Toy.....	817,549	Apr. 10	1997	421	121	1853
Coates, Joseph S., Goshen, N. Y. Sully.....	836,178	Nov. 20	2532	532	125	726
Coates, Ray G., Pasadena, Cal. Mowing-machine.....	815,681	Mar. 20	3414	713	121	853
Coates, Ray G., Los Angeles, Cal., assignor, by mesne assignments, to Cyclone Drill Company. Pipe-pulling device.....	836,065	Nov. 13	2270	485	125	608
Coates, Robert, assignor to H. T. C. Wise, Philadelphia, Pa. Staple-machine.....	838,081	Dec. 11	1614	348	125	1799
Coates, Walter A., assignor to American Optical Company, Southbridge, Mass. Manufacturing spectacle-frames.....	808,899	Jan. 2	553	122	120	122
Coats, Benjamin L. (See Coats, William B. and B. L.)						
Coats, Miner. (See Rice, Stanley K., assignor.)						
Coats, Paul, Laprairie, Ill. Brooder.....	811,484	Jan. 30	5786	1211	120	1414
Coats, William B. and B. L., Pontiac, Mich. Machine for exhibiting cards.....	826,228	July 17	3131	650	123	824
Cobb, Amory M., Malden, Mass. Spraying apparatus.....	809,045	Jan. 2	830	177-8	120	183
Cobb, Benjamin J., Leesville, La. Car-coupling.....	816,711	Apr. 3	321	74	121	1431
Cobb, Elmer M., assignor to W. B. Hay, Portland, Me. Stapling-machine.....	822,348	June 5	247	51	122	1780
Cobb, James H., Christchurch, New Zealand. Combined tobacco-plug holder and cutter.	819,207	May 1	348	74	122	84
Cobb, William T., Lamonte, Mo. Barber's pole.....	822,923	June 12	1380	287	122	2076
Cobe, Israel. (See Besser, Herman, assignor.)						
Coburn, Lemuel, Holyoke, Mass. Wood-veneered metal object.....	812,824	Feb. 20	2602	571	120	2142
Coburn, Lemuel, Holyoke, Mass. Trolley for overhead tracks.....	836,736	Nov. 27	3689	787	125	1043
Coburn, Raymond C., Upper Sandusky, Ohio. Inhaler.....	815,510	Mar. 20	3074	641	121	777
Coburn, Susan G., Buffalo, N. Y. Laundry-bag.....	821,986	May 29	6005	1281	122	1569
Coburn Trolley Track Manufacturing Company. (See Hudson, Francis, assignor.)						
Coburn Trolley Track Manufacturing Company. (See Sumner, William J., assignor.)						
Cochran, Charles, Plattsburg, N. Y. Can-opener.....	812,406	Feb. 13	1803	394	120	1933
Cochran, Edward. (See Cochran, James T., assignor.)						
Cochran, Edwin J. (See Lincoln, Ward W., assignor.)						
Cochran, Edwin J., Sterling, Ill. Chimney-cap.....	836,014	Nov. 13	2181	467	125	586
Cochran, James S., Philadelphia, Pa., assignor of one-third to F. Taylor, Wilmington, Del. Cellulose.....	822,430	June 5	384	.....	122	1808
Cochran, James S., Philadelphia, Pa., assignor of one-third to F. Taylor, Wilmington, Del. Cellulose.....	822,883	June 5	1292	266	122	2009
Cochran, James T., assignor of one-half to E. Cochran, Sylacauga, Ala. Supporting device for railway-tracks.....	816,004	Mar. 27	4100	866	121	1051
Cochran, Joseph E. (See Blessing, John G., assignor.)						
Cochran, Joseph E. (See Plumtree, Oliver L., assignor.)						
Cochran, Joseph E., Chicago, Ill. Weighing-scale.....	821,220	May 22	4477	953	122	1174
Cochran, Joseph E., Elgin, and H. B. McCabe, Chicago, Ill.; said McCabe assignor to said Cochran. Weighing-scale.....	833,874	Oct. 23	3802	807	124	2271
Cochran, Joseph E., and O. L. Plumtree, Chicago, Ill.; said Plumtree assignor to said Cochran. Weighing-scale.....	821,221	May 22	4479	954	122	1174
Cochran, Joseph E., and O. L. Plumtree, Chicago, Ill.; said Plumtree assignor to said Cochran. Weighing-scale.....	833,873	Oct. 23	3800	806-7	124	2270
Cochran, Joseph R., Columbus, Ohio. Chimney-cap.....	838,523	Dec. 18	2494	540	125	2060
Cochran, Samuel B., Glen Easton, W. Va. Wrench.....	836,437	Nov. 20	3066	650	125	855
Cochran, Walter J., Southboro, Mass. Clutch.....	829,140	Aug. 21	2931	614	123	2467
Cochran, William R., Jr., Delphos, assignor to Shelby Safety Switch Company, Shelby, Ohio. Railway-switch.....	831,708	Sept. 25	3668	767	124	1022
Cochran, William R., Jr., Delphos, assignor to Shelby Safety Switch Company, Shelby, Ohio. Safety-switch.....	838,082	Dec. 11	1616	348-9	125	1800
Cochran, William R., Jr., Delphos, assignor to Shelby Safety Switch Company, Lima, Ohio. Safety-switch.....	838,084	Dec. 11	1620	349-50	125	1801
Cochran, William R., Jr., Delphos, assignor of one-half to T. J. Edwards, Lima, Ohio. Derailor for railways.....	838,083	Dec. 11	1618	349	125	1801
Cochrane, David, Philadelphia, Pa. Means for purifying and regulating water.....	811,485	Jan. 30	5787	1211	120	1414
Cochrane, Thomas, Buffalo, N. Y. Fire-extinguisher.....	829,629	Aug. 28	3975	841	123	2769
Cockburn Barrow and Machine Company. (See McIlvrid, William, assignor.)						
Cocker, John A., Joliet, assignor to American Steel & Wire Company, Chicago, Ill. Crimping mechanism for wire-fence machines.....	837,797	Dec. 4	1030	229	125	1608
Cockerell, Lewis. (See Keightley and Cockerell.)						
Cocklin, William J., Rising City, Nebr. Grain-door.....	818,816	Apr. 24	4558	977	121	2517
Cocklin, William J., Rising City, Nebr. Track extension.....	831,709	Sept. 25	3670	768	124	1023

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Cockrum, Leland V., Knox City, Mo. Soldering and brazing apparatus.	838,168	Dec. 11	1802	387	125	1848
Coddington, Edwin D., North Milwaukee, Wis. Hydropneumatic press.	825,301	July 10	1219	257	123	336
Codman, Stephen R. H., Westwood, and D. Despradelle, Boston, Mass. Building structure.	838,302	Dec. 11	2065	446-7	125	1910
Cody, George, Flushing, assignor to L. Munzinger, New York, N. Y. Sewer backwater and testing trap.	826,404	July 17	3452	716	123	903
Coe Brass Manufacturing Company. (See Benjamin, George H., assignor.)						
Coe Brass Manufacturing Company. (See Ellis, John F., assignor.)						
Coe Brass Manufacturing Company. (See Wood, William A., assignor.)						
Coe, Charles T., Kearney, N. J. Balanced draft apparatus for furnaces.	837,609	Dec. 4	667	154	125	1521
Coe, Edward P., <i>et al.</i> (See Green, John J., assignor.)						
Coe, James R., Ansonia, Conn., assignor, by mesne assignments, to Connecticut Mill Supply Company. Making spinning-rings.	819,340	May 1	623	132	122	143
Coe, James R., Ansonia, Conn., assignor to G. H. Benjamin, trustee, New York, N. Y. Grinding-machine.	832,775	Oct. 9	1523	311-13	124	1619
Coe, Walter H., Providence, R. I. Package-roll of metallic leaf.	819,001	Apr. 24	4893	1050	121	2590
Coe, Walter H., Providence, R. I. Package-roll of metallic leaf.	824,626	June 26	4757	1013	122	2925
Coe, Walter H., Providence, R. I. Apparatus for applying metallic leaf.	835,402	Nov. 6	1067	229	125	269
Coen-Cagli, Enrico, Naples, Italy. Acoustic signaling apparatus for railways.	813,619	Feb. 27	4201	922-4	120	2548
Coev, Marie D., Chicago, Ill. Veil-rack.	836,438	Nov. 20	3067	651	125	855
Coffe, William O., assignor to B. F. Bellows, Cleveland, Ohio. Telegraph-key.	812,183	Feb. 13	1356	295-6	120	1835
Coffee, Amelle L. (See Carlton, Andrew J., assignor.)						
Coffey, Barton H., Boston, Mass. Dredging and excavating machine.	824,283	June 26	4053	867	122	2775
Coffey, Barton H., Elizabeth, assignor, by mesne assignments, to L. K. McClymonds, South Orange, N. J. Subaqueous rock-breaker. (Reissue.)	12,501	June 26	4909	1043-4	122	2956
Coffin, Charles L., assignor to Electric Metal Working Company, Detroit, Mich. Metallic vessel.	816,558	Apr. 3	12	3	121	1357
Coffin, Edward F., assignor of two-fifths to C. Shaw and S. Green, Columbus, Tex. Automatic switch-indicator.	833,776	Oct. 23	3556	759	124	2210
Coffin, George E. (See Kline, Harvey Z., assignor.)						
Coffin, Howard E., assignor to Olds Motor Works, Detroit, Mich. Carbureter for hydrocarbon-engines.	831,832	Sept. 25	3887	815	124	1076
Coffin, John F. (See Barker and White, assignors.)						
Coffin, Walter E., assignor to National Malleable Castings Company, Cleveland, Ohio. Pivot-pin support for couplings.	824,526	June 26	4552	967	122	2881
Coffin, Walter E., assignor to National Malleable Castings Company, Cleveland, Ohio. Pocket for couplings.	835,726	Nov. 13	1665	353	125	464
Coffman, Benjamin F., and L. B. Cherry, Lincoln, Ill. Motor-vehicle.	828,713	Aug. 14	2045	431-2	123	2208
Coffman, George W., St. Louis, Mo. Marking-machine.	810,468	Jan. 23	3820	785	120	955
Coffman, Harry D., assignor of one-half to J. M. Baker, Washington Court-House, Ohio. Shoe-ironing jack.	821,018	May 22	4089	870	122	1089
Coffman, Harry D., assignor of one-half to J. M. Baker, Washington Court-House, Ohio. Shoe-ironing jack.	835,486	Nov. 6	1207	261	125	303
Coffman, J. D. (See Bromley and West, assignors.)						
Coffman, John I., <i>et al.</i> (See Stahl, George, assignor.)						
Coffman, Seburn E., Bagwell, Tex. Wrench.	816,151	Mar. 27	4404	931	121	1117
Coffman, William P., <i>et al.</i> (See Stahl, George, assignor.)						
Coffy, Ida M., San Antonio, Tex. Lawn-rocker.	826,314	July 17	3292	680	123	865
Coger, Harley E., Minneapolis, Minn., and J. B. Marshall, assignors to Spear-Marshall Company, Chicago, Ill. Therapeutic lamp.	838,950	Dec. 18	3278	709	125	2248
Coggeshall, Charles P., Brookline, Mass. Pipe-hanger.	832,296	Oct. 2	562	107	124	1349
Coghill, John W., Jr., Roseville, Ill. Elevating and unloading apparatus.	826,709	July 24	4137	850	123	1098
Cohen, Bernard, New York, N. Y. Animal-head.	832,456	Oct. 2	880	169	124	1424
Cohen, Charles, New York, N. Y. Bin.	812,019	Feb. 6	993	217	120	1690
Cohen, Henry I. (See Britton, Francis J., assignor.)						
Cohen, Isaac Z., Bluefield, W. Va. Pocket tobacco-box.	810,720	Jan. 23	4300	893	120	1061
Cohen, Morris H. (See Palmer and Cohen.)						
Cohen, Patrick F., Newark, N. J. Belt punch and cutter.	821,281	May 22	4600	980	122	1202
Cohen, Philip I., New York, N. Y. Apparatus for manufacturing gas.	827,081	July 31	4878	1017	123	1295
Cohenius, Abraham, New York, N. Y. Distributer for finely-divided substances.	810,107	Jan. 16	3014	628	120	747
Cohenour, Jacob A. (See Ratcliff and Cohenour.)						
Cohn, Adolph H., Larchmont, N. Y. Combined yoke and hose-supporter.	839,553	Dec. 25	4516	962	125	2599
Cohn and Company, Max G. (See Shedlock, Alfred, assignor.)						
Cohn, Max G. (See Wilcox, John T., assignor.)						
Cohn, Max M., San Francisco, Cal. Bookkeeping-machine.	822,584	June 5	708	143-4	122	1884
Cohn, Max M., San Francisco, Cal. Envelop.	824,908	July 3	467	91	123	124
Cohn, Max M., San Francisco, Cal. Envelop.	835,850	Nov. 13	1902	403	125	522
Cohnen, Bernhard, Grevenbroich, Germany. Continuous roller drying-machine.	829,141	Aug. 21	2933	615	123	2467
Coin Counting Machine Company. (See Johnson and Sulfer, assignors.)						
Coiseau, Louis, Paris, France. Dredging-machine.	826,993	July 24	4669	972	123	1230
Coit, Earl C. (See Coit, George H. and E. C.)						
Coit, George H. and E. C., Breckenridge, Mo. Cow-tail fastener.	821,222	May 22	4481	954	122	1175
Coit, Harry L., New London, Conn. Drill-chuck.	813,864	Feb. 27	4685	1035	120	2652
Coker Company. (See Cooke, Ernest W., assignor.)						
Coker, James L., Jr., Hartsville, S. C. Making paper-pulp.	830,570	Sept. 11	1375		124	369
Colahan, Charles, Chicago, Ill. Treating flax and hemp straw, &c.	828,813	Aug. 14	2233	476	123	2256
Colahan, Charles, Chicago, Ill. Degumming fibrous plants.	833,507	Oct. 16	3031		124	2037
Colavecchio, Liagi, <i>et al.</i> (See Liaci, Cosmo, assignor.)						
Colbath, Monroe D., Hampden, Me. Air and gas mixing apparatus.	819,124	May 1	183	38	122	47
Colbath, Monroe D., Hampden, Me. Carbureter.	820,554	May 15	3114	671	122	814
Colbert, William J., and J. J. Honan, Fall River, Mass.; said Honan assignor to said Colbert. Temple for looms.	835,011	Nov. 6	268	59	125	70
Colborne, Oliver, Chicago, Ill. Pie-making machine.	821,784	May 29	5623	1198-9	122	1484
Colborne, Oliver, and F. Deuerling, Chicago, Ill.; said Deuerling assignor to said Colborne. Pie-crust-rolling machine.	821,860	May 29	5765	1227	122	1515
Colborne, Oliver, and F. Deuerling, Chicago, Ill.; said Deuerling assignor to said Colborne. Pie-machine.	837,042	Nov. 27	4318	917	125	1197
Colburn, Irving W., Franklin, Pa. Process and apparatus for drawing sheet-glass.	836,439	Nov. 20	3068	651-2	125	855
Colburn, Irving W., and E. Washburn, Franklin, Pa.; said Washburn assignor to said Colburn. Process and apparatus for drawing sheet-glass.	821,786	May 29	5632	1200-1	122	1486
Colburn, Irving W., and E. Washburn, Franklin, Pa.; said Washburn assignor to said Colburn. Apparatus for drawing sheet-glass.	823,581	June 19	2738	580	122	2430
Colburn, Irving W., E. Washburn, and C. W. Irwin, Franklin, Pa.; said Washburn and said Irwin assignors to said Colburn. Process and apparatus for drawing sheet-glass.	821,785	May 29	5628	1199-1200	122	1486
Colburn, Thomas J., Argenta, Ark. Switch-throwing device.	822,230	May 29	6475	1374	122	1678
Colby, Charles A., St. Joseph, Mo. Attachment for washing-machines.	824,065	June 19	3650	777	122	2629

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Colby, Clarence L., Richmond, Ind. Combined door and automatic closing means therefor.....	814,356	Mar. 6	724	146-7	121	160
Colby, Clarence L., Richmond, Ind. Gravity fire-door mechanism.....	833,442	Oct. 16	2894	614	124	2008
Colby, Edward A., Newark, N. J. Crucible.....	830,208	Sept. 4	631	127	124	160
Colcord, Adelbert H., Portland, Me. Apparatus for cleaning tubular structures.....	837,917	Dec. 11	1264	278	125	1710
Coldiron, James L., Woolsey, Ind. Ter. Baling-press.....	809,931	Jan. 16	2645	546	120	666
Coldwell-Gildard Company. (See Coldwell and Gildard, assignors.) (Reissue.)						
Coldwell, Joseph, Fall River, assignor to J. K. Lanning, Boston, Mass. Loom-stopping mechanism.....	818,352	Apr. 17	3593	769-70	121	2253
Coldwell, Joseph, and C. G. Gildard, South Swansea, Mass., assignors to Coldwell-Gildard Company. Stop-motion for looms. (Reissue.)	12,481	May 15	3907	834	122	989
Coldwell, Joseph, and C. G. Gildard, Swansea, assignors to J. K. Lanning, Boston, Mass. Loom-shuttle. (Reissue.)	12,579	Dec. 18	3545	767	125	2319
Coldwell, William H., Newburgh, N. Y. Lawn-mower.....	817,157	Apr. 10	1205	251	121	1687
Coldwell, William H., Newburgh, N. Y. Lawn-mower.....	821,987	May 29	6006	1281	122	1569
Cole, Albert F., Kidderminster, England. Opener for fountain and similar pens.....	832,239	Oct. 2	456	84	124	1323
Cole, Allan D. (See Williams, Gilbert M., assignor.)						
Cole, Anson D., Camden, N. J. Adjustable and collapsible fire-hose-nozzle-supporting device.....	836,864	Nov. 27	3921	837	125	1104
Cole, Arthur W., West Hoboken, N. J., assignor of one-half to J. Valensi, New York, N. Y. Reversing-gear for phonographs.....	829,195	Aug. 21	3051	639	123	2497
Cole, Clifford E., Birmingham, Ala. Tap and die holder.....	815,146	Mar. 13	2304	482	121	558
Cole, Edward S. (See Cole, John A., and E. S.)						
Cole, Emma L., Smithfield, W. Va. Pastry-pie guard.....	830,492	Sept. 11	1205	252	124	326
Cole, Ernest C., Chicago, Ill. Cooking-stove.....	832,534	Oct. 2	1028	206	124	1460
Cole, Ernest C., assignor to Cole Manufacturing Company, Chicago, Ill. Lift-plate.....	810,721	Jan. 23	4301	893	120	1061
Cole, Ernest C., assignor to Cole Manufacturing Company, Chicago, Ill. Cooking-stove.....	820,847	May 15	3697	789	122	943
Cole, Francis J., assignor to American Locomotive Company, New York, N. Y. Steam-boiler superheater.....	810,619	Jan. 23	4123	852	120	1021
Cole, Francis J., assignor to American Locomotive Company, New York, N. Y. Superheater.....	831,644	Sept. 25	3515	737-8	124	978
Cole, Francis J., New York, and C. J. Mellin, Schenectady, assignors to American Locomotive Company, New York, N. Y. Superheater.....	830,822	Sept. 11	1882	392	124	505
Cole, Frank E., Boston, Mass. Compensating spool.....	815,511	Mar. 20	3076	641	121	778
Cole, Frederick W., Newton, Mass. Automatic non-interfering repeater for fire-alarm circuits.....	810,912	Jan. 30	4689	979-81	120	1177
Cole, Frederick W., Newton, Mass., assignor to Gamewell Fire-Alarm Telegraph Company, New York, N. Y. Guard for door-keys of fire-alarm boxes and for other things.....	824,411	June 26	4319	919	122	2828
Cole, Giles F., Lansing, Mich. Heat-resisting fabric.....	818,415	Apr. 24	3725	800	121	2337
Cole, Harlan P., assignor to N. D. Cole, Hartford, Conn. Anatomical footwear.....	812,920	Feb. 20	2790	614	120	2183
Cole, Harvey W., Rushville, Ill. Filler and support for carriage-bows.....	830,412	Sept. 4	1037	216	124	256
Cole, Henry, Denver, Colo. Water-elevator.....	826,865	Nov. 27	3922	837	125	1104
Cole, Henry J., Vinita, Ind. Ter. Window-scaffold.....	838,010	Dec. 11	1448	313	125	1757
Cole, Henry S., et al. (See Taylor, James H., assignor.)						
Cole, Henry W. N., Brooklyn, assignor to Briquetting Company, New York, N. Y. Machine for molding articles from plastic materials.....	809,554	Jan. 9	1912	397	120	454
Cole, J. H., et al. (See Sharts, Truman P., assignor.)						
Cole, James, Superior, Wis. Mail-bag crane.....	824,175	June 26	3847	821	122	2730
Cole, James B., Marceline, Mo. Chimney-mold.....	829,571	Aug. 28	3851	817	123	2740
Cole, James M., Tacoma, Wash. Means for preserving foods.....	818,353	Apr. 17	3597	770	121	2254
Cole, James P., Chicago, Ill. Dredging apparatus.....	811,275	Jan. 30	5417	1129	120	1336
Cole, John A., Chicago, Ill. Street connection for pitometers.....	811,763	Feb. 6	425	94	120	1579
Cole, John A., Chicago, Ill., and E. S. Cole, Upper Montclair, N. J. Pitot-tube connection.....	817,470	Apr. 10	1845	386-7	121	1821
Cole, John C., assignor to Fisk Rubber Company, Chicopee Falls, Mass. Tire construction.....	826,143	July 17	2964	616	123	786
Cole, John C., assignor to Fisk Rubber Company, Chicopee Falls, Mass. Tire-fastening device.....	826,144	July 17	2966	616	123	786
Cole Manufacturing Company. (See Cole, Ernest C., assignor.)						
Cole, Nathan D., Norwood, R. I. Emblem-charm.....	838,499	Dec. 11	2436	529	125	2001
Cole, Nettie D. (See Cole, Harlan P., assignor.)						
Cole, Paul V. (See Miller and Cole.)						
Cole, Samuel J., et al. (See Williams, Harry A., assignor.)						
Cole, Thomas A., assignor to Metallic Webbing & Manufacturing Company, Indianapolis, Ind. Furniture construction.....	820,766	May 15	3509	752	122	902
Cole, William B., and F. H. Thornley, Rhinebeck, N. Y. Horseshoe-calk.....	810,843	Jan. 23	4522	941	120	1108
Cole, William E., Norfolk, Va. Fuel-economizer.....	815,512	Mar. 20	3079	641	121	778
Cole, William F., Waco, Tex. Gun-stock.....	816,074	Mar. 27	4256	902	121	1085
Cole, William H., Rosefield, La. Plow attachment.....	829,692	Aug. 28	4109	870	123	2802
Colegate, Thomas K., Harveyville, Kans. Garden-cultivator.....	826,762	July 24	4243	881-2	123	1126
Colegrove, Austin E., and S. Reed, Cynthiana, Ky. Chimney-cap.....	811,764	Feb. 6	427	94	120	1579
Coleman, Albert. (See Alexander, Robert L., assignor.)						
Coleman, Almon B., Long Lake, Minn. Folding berry-box.....	829,506	Aug. 28	3715	789	123	2705
Coleman, Arnold D., Chicago, Ill. Machine for seaming heads on cans.....	831,500	Sept. 18	3189	675	124	858
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Railway traffic-controlling apparatus.....	810,262	Jan. 16	3341	694	120	811
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Utilizing liquefied gas for railway traffic-controlling apparatus.....	810,263	Jan. 16	3349	694	120	814
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Railway traffic-controlling apparatus.....	814,021	Mar. 6	33	8	121	9
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Signal apparatus.....	818,744	Apr. 24	4402	942-3	121	2483
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Switch and signal apparatus.....	827,142	July 31	5007	1045-6	123	1326
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Railway traffic-controlling system.....	829,142	Aug. 21	2935	616	123	2468
Coleman, Clyde J., New York, N. Y. Railway traffic-controlling apparatus.....	822,508	June 5	538	110	122	1843
Coleman, Clyde J., New York, N. Y., assignor to Hall Signal Company. Signal apparatus.....	827,683	July 31	6214	1291-2	123	1631
Coleman, Clyde J., Rockaway, N. J., assignor of one-half to S. Aronstein, New York, N. Y. Railway-switch-operating apparatus.....	812,825	Feb. 20	2604	572	120	2142
Coleman, Clyde J., Rockaway, N. J., assignor to Hall Signal Company. Power device.....	820,701	May 15	3379	724	122	870
Coleman, Clyde J., Rockaway, N. J., assignor to Hall Signal Company. Railway traffic-controlling system.....	827,143	July 31	5015	1047-8	123	1329
Coleman, Clyde J., Rockaway, N. J., assignor to C. Hubert, New York, N. Y. Safety-reservoir for explosive fluids.....	822,826	June 5	1177	242	122	1986

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Coleman, Clyde J., Rockaway, N. J., assignor to C. Hubert, New York, N. Y. Starting means for explosion-engines.	836,365	Nov. 20	2905	616	125	817
Coleman, Frank, Bridgewater, Canada. Rail-tie.	815,065	Mar. 13	2127	448	121	519
Coleman, Franklin M., Moultrie, Ga. Sash-lock.	816,780	Apr. 3	452	102	121	1457
Coleman, George D., Boston, Mass. Apparatus for corroding metal.	814,430	Mar. 6	884	181	121	192
Coleman, George D., Boston, Mass. Applying antifouling coating to ships' bottoms.	819,125	May 1	186		122	48
Coleman, George D., Boston, Mass. Apparatus for mingling finely-divided solid substances with a blast of air.	825,381	July 10	1391	292	123	380
Coleman, George D., Brookline, Mass. Structural preservative.	823,205	June 12	1977		122	2209
Coleman, James L., Fargo, N. D. Cabinet.	828,194	Aug. 7	993	207	123	1914
Coleman, James M., assignor of three-fourths to A. W. Stevenson, W. Selater, Montreal, Canada, and C. E. Wade, Ambler, Pa. Vehicle.	820,956	May 22	3951	841	122	1059
Coleman, John. (See Hicks and Franey, assignors.)						
Coleman, John A. (See Leigh and Coleman.)						
Coleman, John C., and E. W. Kessel, El Paso, Tex. Rack construction for refrigerator-cars.	830,413	Sept. 4	1038	217	124	256
Coleman, John D., Glenwood, Ill. Gun-cleaning device.	810,913	Jan. 30	4698	981	120	1179
Coleman, John E., Tougaloo, Miss. Bed-lock.	836,304	Nov. 20	2800	594	125	795
Coleman, John F., Everett, Mass. Automatic scraping-machine.	821,583	May 22	5196	1109	122	1331
Coleman, John F., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Time releasing device for levers controlling railway appliances.	834,264	Oct. 30	4777	1010-11	124	2556
Coleman, Lucius E., Santa Ana, assignor to W. H. Spake, Anaheim, Cal. Adding device.	816,781	Apr. 3	454	102	121	1458
Coleman, Patrick J., Bristol, Conn. Testing-plug for pipe-mains.	821,223	May 22	4482	954	122	1175
Coles, Frederick A., and F. Schmitz, Depew, N. Y. Machine for making cores.	837,798	Dec. 4	1031	230	125	1609
Colford, Edward M., and G. H. Thomas, Washington, D. C.; said Thomas assignor to said Colford. Oyster-opener.	829,693	Aug. 28	4110	871	123	2802
Colgate & Co. (See Pepino, Henry G., assignor.)						
Coligny, Frank de, Chicago, Ill. Power-transmission device.	812,483	Feb. 13	1942	428	120	1962
Colina, William, Waterbury, Conn., assignor, by mesne assignments, to Welsbach Light Company, Gloucester City, N. J. Valve.	824,527	June 26	4553	967	122	2881
Collapsible Barrel Company. (See Melson and Marvil, assignors.)						
Collapsible Hanger Company. (See Hill, Mark E., assignor.)						
Collapsible Toy Company. (See Stettner, William F., assignor.)						
Collar, Adoniram J., Yreka, Cal. System of water control.	812,482	Feb. 13	1939	428	120	1961
Collar, Adoniram J., Yreka, Cal. Water-gate.	820,097	May 8	2201	479	122	553
Collar, Adoniram J., Yreka, Cal. Water-gate.	829,991	June 19	3516	752	122	2601
Collar, Adoniram J., Yreka, Cal. Water-gate-valve.	832,843	Oct. 9	1667	343	124	1652
Collar, Adoniram J., Yreka, Cal. Water-gate-valve.	832,844	Oct. 9	1669	344	124	1653
Collar, Adoniram J., Yreka, Cal. Water-gate-valve.	838,384	Dec. 11	2223	481	125	1949
Collar, Adoniram J., Yreka, Cal. System of water control.	836,179	Nov. 20	2533	532	125	726
Collar, Freddie J., Adrian, Mich. Tie for wire fencing.	830,493	Sept. 11	1205		124	337
Collardon, Louis, Leipsic, Germany. Manufacture of plastic masses from casein, &c.	808,636	Jan. 2	32	7	120	9
Collath, Frank F., Milwaukee, Wis. Excavator.	815,066	Mar. 13	2128	448	121	519
Collet, Albert, Paris, France. Portable apparatus for transmitting motion to tools.	816,900	Apr. 3	700	144	121	1514
Collet, Albert, Paris, France. Portable insulated support for double-wire electric lines.						
Collet, James F. H., Dulwich, England. Apparatus for recording the movements of locomotives, vehicles, or machinery.	835,901	Nov. 13	1999	423	125	544
Collette, Clarence C., Amsterdam, N. Y. Leak-stopper.	838,524	Dec. 18	2495	540	125	2060
Colley, Walter W., London, England. Machine for perforating paper and metal sheets for use in playing musical instruments.	834,193	Oct. 23	4607	977-8	124	2463
Collie, James, and C. Beauchene, Lake Linden, Mich. Try-square.	834,872	Oct. 30	5974	1270	124	2858
Collier, Arthur T., St. Albans, assignor to Reilloc Tyre Company, Limited, London, England. Elastic tire.	826,405	July 17	3453	717	123	903
Collier, Frank P., Wilmette, Ill. Brake-shoe.	822,924	June 12	1382	288	122	2077
Collier, Frank P., Wilmette, Ill. Brake-shoe.	822,925	June 12	1383	288-9	122	2077
Collier, William E., assignor to Racine Boat Mfg. Co., Muskegon, Mich. Power transmission for explosive-motor-driven boats.	821,925	May 29	5891	1252	122	1544
Collier, William H., Jackson, Tenn. Valve-gear for steam and other fluid-pressure engines.	814,275	Mar. 6	535	112	121	115
Collier, William H., Jackson, Tenn. Change-making cash-register.	823,104	June 12	1763	363-5	122	2160
Collier, William H., Jackson, Tenn. Pressure-actuated valve-gear.	823,105	June 12	1768	365	122	2161
Collier, William R., Beaumont, Tex. Fence-post mold.	832,594	Oct. 9	1159	232	124	1534
Collings, Hardin, <i>et al.</i> (See Tubbs, Nelson J., assignor.)						
Collins, Aeneas. (See McGann, Thomas W. J., assignor.)						
Collins, Archie F., New York, N. Y. Wireless telephony.	814,942	Mar. 13	1866	392	121	465
Collins, Arthur T., Swarthmore, Pa. Drier.	823,106	June 12	1771	366	122	2161
Collins, Arthur T., Swarthmore, Pa. Drier.	823,262	June 12	2108	439	122	2237
Collins Brothers. (See Milson, John R., assignor.)						
Collins, Charles J., <i>et al.</i> (See De Lay, Charles, assignor.)						
Collins, Cornelius, San Francisco, Cal. Building construction.	830,494	Sept. 11	1207	252	124	327
Collins, Cornelius, San Francisco, Cal. Fireproof building construction.	838,845	Dec. 18	3103	668	125	2209
Collins, Dennis, New Hampton, Iowa. Feeding device.	816,219	Mar. 27	4535	963	121	1145
Collins, Eli. (See Mandeville and Collins.)						
Collins, Frank W. (See Skinner, Orson F., assignor.)						
Collins, Franklin C., Jackson, Mich., assignor of one-half to Ontario Drill Company, Despatch, N. Y. Conveyor for grain-drills.	835,810	Nov. 13	1839	388	125	509
Collins, George W., St. Joseph, Mo. Razor-strop.	809,777	Jan. 9	2351	485	120	549
Collins, Henry A. D., Abermelte, England. Manufacture of refractory material.	826,763	July 24	4244		123	1127
Collins, Herman B., Fulton, N. Y. Power-transmitting mechanism.	829,507	Aug. 28	3716	789-90	123	2705
Collins, Horatio E., assignor of one-half to J. H. Harrison, Detroit, Mich. Coat and hat hook.	811,380	Jan. 30	5614	1174	120	1379
Collins, James E., Danvers, assignor to United Shoe Machinery Company, Boston, Mass. Heel-nailing machine.	823,582	June 19	2742	581	122	2431
Collins, James H., Harrisburg, Pa. Culinary utensil.	836,440	Nov. 20	3079	652	125	857
Collins, James W., New Martinsville, W. Va. Collar for lamps.	814,431	Mar. 6	886	182	121	193
Collins, James W., New Martinsville, W. Va. Fastening metal collars to glass lamps.	814,432	Mar. 6	887	182	121	193
Collins, John A., Fall River, Mass. Stop-indicator for looms.	818,148	Apr. 17	3193	687	121	2170
Collins, John F., Buffalo, N. Y. Ladder attachment for pipes.	809,778	Jan. 9	2352	486	120	549
Collins, John M., Glasgow, Scotland. Machinery for cleaning or renovating carpets, rugs, and such like.	826,017	July 17	2725	564	123	728
Collins, John M., South Pittsburg, Tenn. Railway construction.	839,731	Dec. 25	4878	1043	125	2687
Collins, John S., assignor to American Car Strap Advertising Company, New York, N. Y. Hanging-strap for passenger-vehicles.	810,395	Jan. 23	3670	756	120	919
Collins, John T., Hartford, Conn. Mowing-machine.	832,535	Oct. 2	1030	206	124	1461
Collins, Lathrop H. (See Nagel, Theodore, assignor.)						
Collins, Leva C., Philadelphia, Pa. Collar-stay.	818,817	Apr. 24	4560	978	121	2518
Collins, Leva C., Philadelphia, Pa. Skirt and waist supporter.	818,818	Apr. 24	4562	978	121	2518

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Collins, Mary A. administratrix. (See Mandeville and Collins.)						
Collins, Nat C. (See Barrett and Collins.)						
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Electric-railway motor.	826,315	July 17	3293	680-1	123	865
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Electric-railway motor.	826,478	July 17	3607	751	123	942
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Electric motor. (Reissue.)	12,543	Oct. 23	4701	996	124	2491
Collins, Roy V., assignor to American Automatic Switch Company, New York, N. Y. Switch.	829,630	Aug. 28	3977	841-2	123	2770
Collins, Samuel A., Troy, Ohio. Fire-extinguishing apparatus.	838,688	Dec. 18	2815	604	125	2139
Collins, Samuel E., Valparaiso, Ind. Floor and cabinet scraper.	819,126	May 1	187	38	122	48
Collins, Timothy F. (See Corbishley, Wood, and Collins.)						
Collins, Ulysses L., St. Louis, Mo. Electric clock.	830,971	Sept. 11	2140	453	124	567
Collins, Walter A., Penns Manor, Pa. Sprinkling-machine.	809,046	Jan. 2	834	178	120	184
Collins, Walter A., Penns Manor, Pa. Railway-tie.	814,022	Mar. 6	44	8	121	12
Collins, William A., New York, N. Y. Apparatus for coaling ships.	829,369	Aug. 21	3409	718	123	2582
Collins, William H., Tucson, Ariz. Ter., assignor of one-half to H. J. Small, San Francisco, Cal. Air-brake.	827,421	July 31	5616	1161-2	123	1478
Collins, William P., Pleasant Hill, Mo. Insect-trap.	832,845	Oct. 9	1671	344	124	1654
Collinson, James. (See Roe and Collinson.)						
Collinson, John. (See Williamson and Collinson.)						
Collis, John, Des Moines, Iowa. Radiator supply-pipe and bracket.	821,787	May 29	5638	1201	122	1487
Collis, John, Des Moines, Iowa, assignor to W. P. Collis, New York, N. Y. Boiler-furnace.	814,640	Mar. 6	1270	268	121	275
Collis, W. P. (See Collis, John, assignor.)						
Collister, John H. (See Schultz, August L., assignor.)						
Collord, Frank M. (See McMillan, Johnson, and Collord.)						
Colloseus, Heinrich, Berlin, Germany. Treatment of blast-furnace slag for production of material similar to trass, &c.	817,158	Apr. 10	1207		121	1688
Colloseus, Heinrich, Berlin, Germany. Apparatus for pulverizing blast-furnace slag.	821,609	May 29	5269	1124	122	1405
Colloseus, Heinrich, Berlin, Germany. Manufacturing cement from blast-furnace slag.	837,918	Dec. 11	1266		125	1711
Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Device for correcting drawing-in errors.	825,585	July 10	1852	393	123	494
Colman, William R., Quincy Ill. Baling-press.	818,232	Apr. 17	3365	720	121	2206
Colorado Iron Works Company. (See Fitts, Norman V., assignor.)						
Colorado Railway Signal Company. (See Dowler, Charles R., assignor.)						
Colpitt, Parker R. (See Stanford and Colpitt.)						
Colt, Samuel S., Orange, N. J. Door holding and releasing device.	818,077	Apr. 17	3046	657	121	2137
Colton, Arthur D., Chicago, Ill. Thermostat.	813,403	Feb. 27	3772	828	120	2451
Colton, Emma J. (See Dyer, William H., assignor.)						
Columbia Biscuit Company. (See Wetzel, Frederick L., assignor.)						
Columbia Engineering Works <i>et al.</i> (See Bilfinger, Carl W., assignor.)						
Columbia Foundry Company. (See Olberding, Anthony G., assignor.)						
Columbia Heating Company. (See Fancher, Eugene M., assignor.)						
Columbia Machine Works and Malleable Iron Company. (See Remelius, Charles, assignor.)						
Columbia Voting Machine Company. (See Christensen, Christ, assignor.)						
Columbian Enameling & Stamping Company. (See Nelson, Andrew W., assignor.)						
Columbian Rope Company. (See Metcalf, Edwin D., assignor.)						
Columbus Brass Company. (See Lindenbergh, Frank H., assignor.)						
Columbus Brass Company. (See Reed and Heald, assignors.)						
Columbus Heating & Ventilating Company. (See Ebinger, David A., assignor.)						
Colvan, Ezekiel B., assignor of one-half to P. P. Wippell, Chicago, Ill. Hanger and retainer device.	836,866	Nov. 27	3924	838	125	1105
Colvin, Charles H., Birmingham, Ala., assignor to Colvin Manufacturing Company. Flushing apparatus.	821,282	May 22	4601	980	122	1202
Colvin, Charles M., Wilmette, assignor of one-half to S. H. Verrall, Chicago, Ill. Humidifying device.	839,115	Dec. 25	3634	784	125	2384
Colvin Manufacturing Company. (See Colvin, Charles H., assignor.)						
Colwell, Emma B., Medway, N. Y. Cleaning device.	819,853	May 8	1633	345	122	429
Comba, Benvenuto, Turin, Italy, assignor to E. Casper, London, England. Recovery of copper from solutions containing it.	820,555	May 15	3117	671	122	815
Combee, Augustus G. M., Rome, Ga. Cotton-harvester.	823,034	June 12	1610	333	122	2129
Combet, Louis, Paris, France. Power-transmitting mechanism for bicycles.	817,225	Apr. 10	1345	281-2	121	1718
Combination Envelope Manufacturing Company. (See Nichols, Frederick A., assignor.)						
Combination Urn Manufacturing Company. (See Heibel, Henry, assignor.)						
Combs, Arthur L. (See Gilreath, James G., assignor.)						
Combs, Clark W., Washington, D. C. Overlay.	809,095	Jan. 2	954	198	120	211
Combs, Harry, Upson, Wis. Log-derrick.	813,352	Feb. 20	3660	302	120	2369
Combs, Isaac D. (See Combs, James G. O. and I. D.)						
Combs, James G. O. and I. D., Harold, Mo. Electrically-operated railway signal and gate.	836,243	Nov. 20	2678	568-9	125	762
Combs, Logan L. (See Chormann and Combs.)						
Combs, Rogers M., Chicago, Ill. Attachment for telephone toll-boxes.	814,276	Mar. 6	538	112	121	116
Combs, Thomas F., Crawfordville, Ga. Casket.	824,284	June 26	4055	868	122	2775
Combs, Thomas H. (See Richmond, Edward J., assignor.)						
Combustion Utilities Company. (See Doherty, Henry L., assignor.)						
Combustion Utilities Company. (See Eadred, Byron E., assignor.)						
Combustion Utilities Company. (See Eadred and Ellis, assignors.)						
Combustion Utilities Company. (See Ellis, Carleton, assignor.)						
Combustion Utilities Company. (See Tait, Godfrey M. S., assignor.)						
Comeau, Prosper C., McCall, La. Cane-shaver.	831,039	Sept. 18	2286	483	124	636
Comer, Charles F., and H. Lightcap, Michigan City, Ind. Railway-switch.	823,764	June 19	3078	651	122	2505
Comer, Joseph A., Los Angeles, Cal. Extracting gold, silver, &c.	813,620	Feb. 27	4205	924	120	2549
Comer, Joseph A., Los Angeles, Cal. Apparatus for extracting gold.	833,999	Oct. 23	4184	887	124	2360
Comer, Thomas D., assignor of one-half to W. A. Cardin, Norton, Va. Lunch-pail and lantern.	820,390	May 15	2771	601	122	741
Comerma, Juan, New York, N. Y. Reinforced terra-cotta arch.	835,633	Nov. 13	1557	333	125	436
Comfort, Edward W., assignor to National Regulator Company, Chicago, Ill. Apparatus for controlling temperatures.	837,260	Nov. 27	4728	1002	125	1299
Comi, Girolamo, Cohat, Conn. Combined shopping-bag and skirt-holder.	825,190	July 3	966	210	123	260
Comins, Frank B., Sharon, Mass. Humidifier.	828,951	Dec. 18	3282	710	125	2249
Comins, William A., and J. Connor, Stafford Springs, Conn. Horseshoe-calk.	813,777	Feb. 27	4500	994	120	2612
Comly, Harry R., San Diego, Cal. Rotary pump.	831,933	Sept. 25	4116	858	124	1133
Commercial Artificial Fuel Company. (See Pritschau, Ferdinand A., assignor.)						
Commichau, Gotthard, Magdeburg, Germany. Crushing-mill.	814,832	Mar. 13	1679	351	121	426
Commons, Robert L., Harvey, Ill. Heating stove or furnace.	827,963	Aug. 7	540	111	123	1806

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Orig.	Vol.	Page.
Commons, William H., Chicago, Ill. Work-stand.....	815,067	Mar. 13	2130	449	121	520
Commonwealth Trust Company, trustee. (See Thoma, Andrew, assignor.)						
Compagnie des Produits Chimiques d'Alais et de la Camargue. (See Pechiney, Alfred R., assignor.)						
Compound Motor Company. (See Eisenhuth, John W., assignor.)						
Compressed Paper Box Company. (See Godfrey, Jonathan, assignor.)						
Compression Rheostat Company. (See Bradley, Lynde, assignor.)						
Compton, Lewis R., East Orange, N. J., assignor to E. Cliff, deceased, (J. Cliff, administratrix,) and A. T. Plummer, New York, N. Y. Automobile.....	827,058	July 24	4811	1002	121	1264
Compton, Melvin D., assignor to F. Fuller, New York, N. Y. Acetylene-gas generator.....	819,983	May 8	1925	426	122	489
Compton, Melvin D., assignor to A. G. Wheeler, Jr., trustee, New York, N. Y. Carbureter.....	839,116	Dec. 25	3636	784	125	2384
Compton, Weldon B., Lismas, Mont. Veterinary surgical instrument.....	813,080	Feb. 20	3117	683	120	2256
Compton, William H., Fargo, N. D. Loading device.....	832,655	Oct. 9	1291	260	124	1564
Computing Scale Company. (See Hopkinson, Joseph, assignor.)						
Computing Scale Company. (See Ozias, Orange O., assignor.)						
Computing Scale Company. (See Sanderson, William H., assignor.)						
Comstock, Alphonso S., Evanston, Ill. Carbureter.....	817,903	Apr. 17	2710	588	121	2064
Comstock, Chester, Brooklyn, N. Y. Lubricator.....	825,586	July 10	1854	393	123	494
Comstock, Edgar M., Ypsilanti, Mich. Cord-fastener.....	811,381	Jan. 30	5615	1175	120	1379
Comstock, Edgar M., Ypsilanti, Mich. Package-tie.....	818,354	Apr. 17	3598	771	121	2254
Comstock, Frank W., Los Angeles, Cal. Grain-cleaning machinery.....	827,213	July 31	5178	1075	123	1375
Comstock, James P., Tacoma, Wash. Sash-bar.....	819,884	May 8	1634	348-9	122	430
Comstock, John W. (See McKee, Thomas M., assignor.)						
Comstock, Sylvester B., Tucson, Ariz. Ter. Camping-lodge.....	838,689	Dec. 18	2816	605	125	2139
Conant, Charles B., assignor of one-half to O. M. Whitmore, Adrian, Mich. Lock for sashes.....	808,815	Jan. 2	378	82	120	84
Conat, Oscar E., North Yakima, Wash. Gate.....	830,414	Sept. 4	1039	217	124	257
Conaty, George J., Smethwick, England. Electric tram-car.....	827,710	Aug. 7	27	6-7	123	1677
Concave and Convex Printing Company. (See Broome, Joseph, assignor.)						
Conch, John E., assignor of one-half to C. C. Dehart, Hazard, Ky. Drilling-machine.....	819,855	May 8	1637	349	122	430
Conciff, Isaac R., Portland, Oreg. Hose-coupling.....	826,018	July 17	2726	564	123	729
Condé, Charles A. (See Budd and Condé.)						
Condict, Nathan W., Jersey City, N. J., and J. B. French, Jamaica, N. Y. Ferry-bridge.....	824,627	June 26	4758	1013	122	2925
Condit, William D. (See Smith, Morris F., assignor.)						
Condon, Edward J., Ballard, Wash. Submarine drag-bucket.....	819,636	May 1	1180	258	122	265
Condo, Joseph C., Alexandria, Ind. Bottle-closure.....	809,427	Jan. 9	1669	342	120	399
Condo, Joseph C., Alexandria, Ind. Furniture attachment.....	821,338	May 22	4713	1005	122	1227
Condra, Elizabeth S., Corona, Cal. Hat-pin.....	814,833	Mar. 13	1680	351	121	426
Condren, Hugh, Vancouver, Canada. Bevel-gage for handsaws.....	808,971	Jan. 2	703	152	120	155
Conduits & Fittings. (See Edwards and Brown, assignors.)						
Cone Gas Machine Co. (See Cone, William H., assignor.)						
Cone, John W., Barnesboro, Pa. Hand boring-machine.....	829,844	Aug. 25	4421	933	123	2879
Cone, William H., Berlin, Ontario, Canada, assignor to Cone Gas Machine Co., Detroit, Mich. Gas-generator.....	830,883	Sept. 11	1987	418	124	531
Cone, William H., Berlin, Ontario, Canada, assignor to Cone Gas Machine Co., Detroit, Mich. Gas-producer.....	830,884	Sept. 11	1989	418	124	532
Confectioners and Bakers Supply Co. (See Dickson, George F., assignor.)						
Conger, Daniel W. (See Hartman, Noble W., assignor.)						
Congreve, Robert, Christchurch, New Zealand. Lock for vehicles.....	823,107	June 12	1773	366	122	2162
Conhaim, Fred, St. Louis, Mo. Apparatus for dressing windows.....	815,796	Mar. 20	3678	774-5	121	907
Conill, Fernan O., New York, N. Y. Valve attachment for fountain-pens.....	830,885	Sept. 11	1990	418	124	532
Conkey, Leonard L., Grand Rapids, Mich. Veterinary-surgeon's table.....	809,358	Jan. 9	1505	305	120	366
Conklin, Charles A., Adrian, Mich. Coffin-fastener.....	818,233	Apr. 17	3367	720	121	2207
Conklin, Roy, Toledo, Ohio. Fountain-pen.....	814,520	Mar. 6	1040	215	121	227
Conklin, Roy, Toledo, Ohio. Self-filling fountain-pen.....	836,180	Nov. 20	2534	532	125	727
Conklin, William F., Leechburg, assignor to West Leechburg Steel Co., Pittsburg, Pa. Metal coiling and straightening apparatus.....	823,765	June 19	3080	652	122	2505
Conklin, William F., Leechburg, assignor to West Leechburg Steel Company, Pittsburg, Pa. Finishing and straightening flat metal straps.....	823,766	June 19	3084	652-3	122	2506
Conkling, Charles E., McKeesport, assignor to Mesta Machine Company, Pittsburg, Pa. Speed-governor.....	814,433	Mar. 6	888	182	121	193
Conkling, De Witt C., Hoboken, and J. E. Winn, Weehawken, N. J., assignors to Electric Economies Company. Automatic transformer cut-out.....	830,209	Sept. 4	632	127	124	161
Conkling, John F., Hawley, Pa. Water-polo apparatus.....	814,674	Mar. 13	1360	284	121	356
Conley, Charles M., assignor of seven sixti-fourths to A. Rodgers, W. J. Zantner, G. H. Fletcher, and J. F. Beranek, Cleveland, Ohio. Milk-bottle and stopper.....	830,886	Sept. 11	1991	419	124	533
Conley, Edgar T., U. S. Army. Rifleman's score sheet or card.....	831,934	Sept. 25	4117	858	124	1133
Conley, John E., Arcola, Ill. Railway switch and crossing frog.....	812,640	Feb. 13	2258	490	120	2024
Conley, John R., Oakland, Kans. Safety device for elevators.....	809,285	Jan. 9	1359	276	120	334
Conley, Patrick. (See Gormley and Conley.)						
Conlin, John F., Chelsea, assignor to American Soda Fountain Company, Boston, Mass. Glass-holder.....	829,950	Sept. 4	19	5	124	6
Conn, Byron O. (See Root and Conn.)						
Conn, Charles A., Pittsburg, Pa. Lubricator.....	826,543	July 24	3805	788	123	1012
Conn, Charles G., Elkhart, Ind. Drum and cymbal beater.....	833,706	Oct. 16	3422	729	124	2130
Conn, Charles G., assignor to C. G. Conn Co., Elkhart, Ind. Cornet.....	825,273	Aug. 7	1146	241	123	1499
Conn Co., C. G. (See Conn, Charles G., assignor.)						
Conn Company, C. G. (See Herr, William J., assignor.)						
Conn, Eduard J. (See Leithäuser, Herrmann G., assignor.)						
Connable, Caroline A., executrix. (See Connable, John L.)						
Connable, Frank L. (See Connable, John L., assignor.)						
Connable, John L., deceased, Chattanooga, Tenn. C. A. Connable, executrix, assignor of one-half to F. L. Connable, Wilmington, Del. Tire.....	812,165	Feb. 6	1294	283	120	1753
Connally, William J., Atlanta, Ga. Horseshoe.....	830,133	Sept. 4	468	94	124	118
Connecticut Clasp Co. (See Ahlstrand, August F., assignor.)						
Connecticut Mill Supply Company. (See Coe, James R., assignor.)						
Connecticut Web Company. (See Cleary, Edward, assignor.)						
Connecticut Web Company. (See Stratton, Wilbur G., assignor.)						
Connel, James M. (See Burgard, Jacob L., assignor.)						
Connell, Alexander H., Clarksville, Tex. Cotton-chopper.....	835,664	Nov. 13	1559	333	125	437
Connell, David W., assignor to Velie Carriage Company, Moline, Ill. Vehicle-body.....	816,782	Apr. 3	455	102	121	1458
Connell, David W., assignor to Velie Carriage Company, Moline, Ill. Vehicle-shaft.....	832,719	Oct. 9	1416	286	124	1593
Connell, David W., Rock Island, Ill., assignor to Velie Carriage Company. Shifting rail for vehicles.....	831,833	Sept. 25	3890	815	124	1077
Connell, James F., Bazine, Kans. Collar-protector.....	808,816	Jan. 2	380	82	120	84
Connell, James F., Bazine, Kans. Non-refillable bottle.....	809,932	Jan. 16	2646	547	120	667

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Connell, Lewis W., Joliet, Ill. Excavator-shovel.....	827,144	July 31	5031	1048	123	1336
Connell, Marguerite, New York, N. Y. Collar-supporter.....	820,767	May 15	3510	752	122	902
Connell, William J., Huntington, W. Va. Clothes-line reel.....	823,931	June 19	3397	726	122	2576
Connell, William J., Huntington, W. Va. Card-game apparatus.....	825,800	July 10	2327	485	123	613
Connell, William J., and L. C. Lowe, Huntington, W. Va. Shade and curtain bracket.....	822,722	June 5	995	203	122	1947
Connolly, Daniel. (See Schafer, Christian E., assignor.)						
Connolly, James A., Ludlow, Pa. Locking mechanism for stretching-frames.....	811,904	Feb. 6	712	155	120	1636
Connolly, Owen M., Philadelphia, Pa. Amusement apparatus.....	816,435	Mar. 27	4995	1060-1	121	1241
Connolly, Patrick F., Sioux Falls, S. D. Tool for making artificial-stone walks.....	808,900	Jan. 2	555	123	120	122
Connolly, Patrick F., Sioux Falls, S. D. Curbing and sidewalk dressing implement.....	818,416	Apr. 24	3725	800	121	2338
Connolly, Robert M., Santa Ana, Cal. Hinge-setting tool.....	836,737	Nov. 27	3690	788	125	1044
Conner, Charles W., Indianapolis, Ind. Apparatus for producing bifocal lenses.....	836,486	Nov. 20	3149	668-9	125	876
Conner, Charlie R., Bessemer, Ala. Tipple.....	828,462	Aug. 14	1552	328	123	2082
Conner, Frank, Los Angeles, Cal. Mechanism for grading ground coffee.....	835,057	Nov. 6	370	75	125	98
Conner, George F., Port Huron, Mich. Beet-topper.....	820,391	May 15	2773	601-2	122	741
Conner, George F., Port Huron, Mich. Beet-harvesting machine.....	823,583	June 19	2744	581	122	2432
Conner, Lendell A., Jr. (See Krakau and Conner.)						
Conner, Merritt S., assignor to Western Electric Company, Chicago, Ill. Signaling system for telephone trunk-lines.....	820,350	May 8	2678	585	122	659
Conner, Morton, Rushville, Ind. Non-refillable bottle.....	813,038	Feb. 20	3028	667	120	2235
Conner, Thomas J. (See Dapron, Alexander J., assignor.)						
Connors, Clarence A., Alton, Ill. Fountain blacking-brush.....	838,241	Dec. 11	1948	417	125	1882
Connet, Andrew T. (See Nevius, Peter T. B., assignor.)						
Connett, Albert N., London, England, assignor to J. G. White and Company, Incorporated, New York, N. Y. Point or switch for electric tramways working upon the slot-conduit system.....	816,646	Apr. 3	212	49-50	121	1407
Connett, Albert N., London, England, assignor to J. G. White and Company, Incorporated, New York, N. Y. Point or switch for electric tramways working upon the slot-conduit system.....	816,647	Apr. 3	214	50	121	1408
Connett, John, Sydney, New South Wales, Australia. Extensible shawl-strap bar.....	822,349	June 5	248	52	122	1780
Connies, Samuel J., Brooklyn, N. Y. Shaving-mug cover.....	833,370	Oct. 16	2732	575	124	1969
Connolly, Frank E. (See Connolly, Patrick, assignor.)						
Connolly, John J., et al. (See Osborne, Vivian, assignor.)						
Connolly, Patrick, New York, N. Y. Fluid-supply fitting.....	816,559	Apr. 3	13	4	121	1357
Connolly, Patrick, New York, N. Y. Tub-fitting.....	830,053	Sept. 4	287	57-8	124	70
Connolly, Patrick, New York, N. Y. Fluid-supply fitting.....	833,025	Oct. 9	2009	421	124	1736
Connolly, Patrick, assignor to F. E. Connolly, Brooklyn, N. Y. Tub.....	812,826	Feb. 20	2613	572	120	2144
Connolly, Samuel F., et al. (See Osborne, Vivian, assignor.)						
Connor, Charles R., assignor of three-fourths to W. D. Caldwell, Ensley, and J. W. Wilkes, Jefferson county, Ala. Tipple.....	811,486	Jan. 30	5788	1212	120	1414
Connor, Frank C., Waco, Tex. Rubber shoe sole and heel.....	812,484	Feb. 13	1943	429	120	1962
Connor, Joseph. (See Comins and Connor.)						
Connor, Joseph B., Liverpool, England, assignor to T. Mortland, New York, N. Y. Car-fender.....	810,326	Jan. 16	3481	719	120	842
Connor, Mary, Denver, Colo. Skirt-gage.....	821,788	May 29	5640	1201	122	1488
Connor, Miles, Pueblo, Colo. Steam-boiler.....	835,749	Nov. 13	1704	363	125	473
Connor, Walter, Toledo, Ohio. Plow.....	808,727	Jan. 2	213	45-6	120	49
Connors, Michael J., Kansas City, Mo. Valve.....	818,519	Apr. 24	3938	848	121	2381
Connolly, John J., and J. Herron, Marquette, Mich. Locomotive exhaust mechanism.....	821,402	May 22	4569	1032-3	122	1262
Connolly, William P., Melbourne, Victoria, Australia. Elevator-guard.....	828,385	Aug. 14	1393	294	123	2041
Conover, Warren H., Freehold, assignor of one-half to J. Parker, Jersey City, N. J. Combined range, &c., and heating apparatus.....	813,950	Feb. 27	4845	1069-70	120	2685
Conover, William G., Philadelphia, Pa. Corn-husking machine.....	822,187	May 29	6394	1358	122	1658
Conrad, Emmett, et al. (See Ober, Edward J., assignor.)						
Conrad, Frank, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer.....	829,572	Aug. 28	3853	817-18	123	2740
Conrad, George H. (See Greer, William E., assignor.)						
Conrad, John F. (See Bonnell and Conrad.)						
Conrad, Martin, Chicago, Ill. Vehicle wheel and axle. (Reissue).....	12,522	Aug. 21	3427	721	123	2587
Conrad, Max, Aschaffenburg, Germany. Making dialkylbarbituric acids.....	817,159	Apr. 10	1209		121	1688
Conrad, Max, Aschaffenburg, and W. Beckh, Darmstadt, Germany. Making 4-imino-2,6-dioxypyrimidin.....	811,826	Feb. 6	546		120	1601
Conrad, Max, Aschaffenburg, and W. Beckh, Darmstadt, Germany. Making pyrimidin derivatives.....	811,827	Feb. 6	547		120	1601
Conrad, Max, Aschaffenburg, and W. Beckh, Darmstadt, Germany. Making pyrimidin derivatives.....	811,828	Feb. 6	548		120	1601
Conrad, Max, Aschaffenburg, and W. Beckh, Darmstadt, Germany. Making pyrimidin derivatives.....	811,829	Feb. 6	548		120	1602
Conrad, Robert, Berlin, Germany. Ball-bearing.....	821,461	May 22	4983	1059	122	1287
Conrad, Robert, Berlin, Germany. Ball-bearing.....	821,702	May 29	5468	1164	122	1448
Conrad, Robert, Berlin, Germany. Ball-bearing.....	821,703	May 29	5470	1164	122	1448
Conrad, Robert, Berlin, Germany. Ball-bearing.....	822,723	June 5	996	203	122	1947
Conrad, Robert, Berlin, Germany. Ball-bearing.....	824,847	July 3	346	64	123	96
Conrad, Robert, Berlin, Germany. Manufacturing and assembling ball-bearings.....	838,308	Dec. 11	2067	447	125	1910
Conrader, Rudolph, Erie, Pa. Pressure-governor.....	810,108	Jan. 16	3015	628	120	748
Conrader, Rudolph, Erie, Pa. Vacuum-governor.....	810,109	Jan. 16	3017	629	120	748
Conrader, Rudolph, Erie, Pa. Governor.....	821,157	May 22	4369	929	122	1152
Conrader, Rudolph, Erie, Pa. Apparatus for actuating liquids.....	821,339	May 22	4720	1005-7	122	1227
Conrader, Rudolph, Erie, Pa. Relief device and attachment for compressors.....	823,845	June 19	3235	683-4	122	2540
Conrader, Rudolph, Erie, Pa. Pumping apparatus.....	831,143	Sept. 18	2517	531	124	687
Conradson, Conrad M., Madison, Wis., assignor to V. E. Prentice, New York, N. Y. Non-refillable bottle.....	831,536	Sept. 25	3283	691	124	916
Conradt, Charles W., West Chester, Pa. Combined ash sifter and bucket.....	823,395	June 12	2343	492	122	2286
Conran, William F., Jr., New York, N. Y. Stand-pipe system.....	816,152	Mar. 27	4405	931-2	121	1117
Conrath, George A. (See Cook and Conrath.)						
Conroy, Frank M. (See Rodney, Ford, Conroy, Burson, and Fitch.)						
Conroy, Patrick J., New York, N. Y. Punching-bag.....	811,546	Feb. 6	21	5	120	1489
Consolidated Car Heating Company. (See McElroy, James F., assignor.)						
Consolidated Car Heating Company. (See Scales and McElroy, assignors.)						
Consolidated Dental Manufacturing Company. (See Bultman, Henry D., assignor.)						
Consolidated Engine Stop Company. (See Whitaker and Wood, assignors.)						
Consolidated Fire Alarm Company. (See Latimer, John M., assignor.)						
Consolidated Fire Alarm Company. (See Spamer, Richard F., assignor.)						
Consolidated Fruit Jar Company. (See Feval and Hofbauer, assignors.)						
Consolidated Gas Company. (See Harrington, Walter K., assignor.)						
Consolidated Press and Tool Company. (See Walsh, Harry C. H., assignor.)						
Constable, Stevenson, New York, N. Y. Railway-car attachment.....	817,103	Apr. 3	1084	225	121	1599

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Constable, Stevenson, New York, N. Y. Cart or wagon.	832,240	Oct. 2	457	84-5	124	1323
Constantene, Peter, Seattle, Wash. Dumping vessel.	819,691	May 1	1295	281	122	291
Constanzer, Joseph J., Allentown, Pa. Stair-rod fastener.	832,846	Oct. 9	1672	344	124	1654
Conter, Herman L. (See Place and Conter.)						
Conti, James T. F., Paris, France. Universal screw-wrench.	827,711	Aug. 7	29	7-8	123	1677
Continental Can Company. (See Taliaferro, John C., assignor.)						
Continental Jar & Bottle Stopper Company. (See Reed, George T., assignor.)						
Continental Paper Bag Company. (See Liddell, William, assignor.)						
Continental Paper Bag Company. (See Smith, Charles F., assignor.)						
Continental Paper Bag Company. (See Stone, Wilbur M., assignor.)						
Continental Paper Bag Company. (See Strasburg, Frederick E., assignor.)						
Continuous Extracting Press Corporation. (See Riddymont and McNally, assignors.)						
Contractors Wagon Company. (See MacCleran, Richard H., assignor.)						
Controller Company of America. (See Goeb, Rudolph W., assignor.)						
Converse, Atherton D., Winchendon, Mass. Drum.	832,958	Oct. 9	1892	393-4	124	1707
Converse, Frederic S., Lyons, N. Y. Extension coal-chute.	827,349	July 31	5432	1129	123	1435
Convertible Couch and Chair Company. (See Wheatley, Arthur, assignor.)						
Conway, Frankie M., Ortonville, Minn. Stool.	821,704	May 29	5471	1164	122	1448
Conway, Harvey W., Columbus, Ohio. Damper for stovepipes, flues, &c.	816,712	Apr. 3	323	74-5	121	1431
Conway, Irwin, assignor to T. B. Laycock Manufacturing Company, Indianapolis, Ind. Davenport-bed.	826,994	July 24	4670	972-3	123	1230
Conway, William. (See Helmeke, Herman, assignor.)						
Conwell, James S., Anderson, Ind. Cigar-humidifier.	819,341	May 1	624	132	122	144
Coogan, Michael J., Port Chester, N. Y. Window-blind slat-fastener.	809,779	Jan. 9	2353	486	120	549
Cook, Burton H., New York, N. Y. Suspenders.	820,624	May 15	3230	695	122	840
Cook, Burton H., New York, N. Y. Brush.	832,656	Oct. 9	1292	260	124	1564
Cook, Charles O., Bernardston, Mass. Ice-creeper.	818,520	Apr. 24	3941	848	121	2382
Cook, Clarence E., assignor to F. B. Cook, Chicago, Ill. Anchor.	825,587	July 10	1856	393	123	495
Cook, David S., Basil, assignor of two-thirds to J. W. McCord and W. S. Cook, Columbus, Ohio. Removing rough and irregular foreign seeds from clover and other smooth seeds.	813,404	Feb. 27	3774	828	120	2452
Cook, Edward A., Giatto, assignor of one-third to T. W. Patton, Bluefield, W. Va. Shoe-polishing compound.	820,392	May 15	2775		122	741
Cook, Edward L., Brattleboro, Vt. Folding square.	810,188	Jan. 16	3181	659	120	779
Cook, Edward L., Brattleboro, Vt. Centering device.	824,975	July 3	600	120	123	159
Cook, Edward M., Elyria, Ohio. Metallic packing.	812,114	Feb. 6	1155	254	120	1723
Cook, Elmer E. (See Cook, Lemuel T., assignor.)						
Cook, Emery L., assignor of one-half to C. D. Mitchell, Greencastle, Ind. Rail-joint.	824,285	June 26	4056	868	122	2775
Cook, Eugene, assignor to Cook's Railway Appliance Co., Kalamazoo, Mich. Lifting-jack.	822,350	June 5	249	52	122	1780
Cook, Eugene, assignor to Cook's Railway Appliance Co., Kalamazoo, Mich. Railway-track drill.	830,054	Sept. 4	288	58-9	124	70
Cook, Frank A. (See Helmond and Cook.)						
Cook, Frank A., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	831,935	Sept. 25	4118	858-9	124	1133
Cook, Frank B. (See Cook, Clarence E., assignor.)						
Cook, Frank B. (See Nolen, James G., assignor.)						
Cook, Frank B. (See White, Charles E., assignor.)						
Cook, Frank B., Chicago, Ill. Protective apparatus.	810,914	Jan. 30	4698	981-2	120	1179
Cook, Frank B., Chicago, Ill. Thermal protector and alarm.	812,184	Feb. 13	1360	296	120	1836
Cook, Frank B., Chicago, Ill. Self-soldering heat-cartridge and protective apparatus.	812,980	Feb. 20	2917	643	120	2211
Cook, Frank B., Chicago, Ill. Thermal protector and alarm.	815,006	Mar. 13	2003	421	121	491
Cook, Frank B., Chicago, Ill. Automatic electrical self-soldering reset for thermal protectors.	815,406	Mar. 20	2894	601	121	737
Cook, Frank B., Chicago, Ill. Iron-framed distributing-board for telephone-exchanges.	816,847	Apr. 3	592	124	121	1490
Cook, Frank B., Chicago, Ill. Heat-coil.	817,160	Apr. 10	1209	251	121	1688
Cook, Frank B., Chicago, Ill. Lightning-arrester.	838,304	Dec. 11	2069	447	125	1911
Cook, Frank B., Chicago, Ill. Weatherproof substation-protector.	839,117	Dec. 25	3637	785	125	2385
Cook, Frank B., Chicago, Ill. Electric sign apparatus.	839,455	Dec. 25	4311	921	125	2550
Cook, Frederick D., and G. A. Conrath, Blairsville, Pa. Mold for casting hollow ware.	813,405	Feb. 27	3775	828	120	2452
Cook, George. (See Fildes, Thomas, assignor.)						
Cook, George F., East Washington, N. H. Bicycle-support.	812,547	Feb. 13	2090	458	120	1993
Cook, George W. (See Cook, John H., assignor.)						
Cook Heater Company. (See Cook, Maurice A., assignor.)						
Cook, Henry F., Sag Harbor, N. Y. Vehicle attachment.	810,722	Jan. 23	4302	894	120	1061
Cook, Herman, Aberdeen, S. D. Threshing-machine.	827,851	Aug. 7	321	67	123	1750
Cook, James F., Cambridge, Ill. Connecting-rod.	815,068	Mar. 13	2131	449	121	520
Cook, James H., Detroit, Mich. Spring-seat structure.	816,075	Feb. 27	4257	902	121	1085
Cook, James J., Jersey City, N. J., assignor to Cook Kerosene Carburetor Company. Carburetor for explosive engines.	838,085	Dec. 11	1621	350	125	1802
Cook, James M., Jr., Johnstown, Pa. Track-brake.	816,531	Mar. 27	5187	1100-1	121	1285
Cook, Jefferson. (See Messer and Cook.)						
Cook, John C. (See Hellyer, Joseph L., assignor.)						
Cook, John H., assignor of one-half to A. Kinkead, Irving, Ill. Doubletree-hitch.	813,039	Feb. 20	3030	667	120	2235
Cook, John H., New York, N. Y., assignor to H. B. Newhall, Plainfield, N. J. Wire-cable clamp.	830,134	Sept. 4	471	95	124	119
Cook, John H., New York, N. Y., assignor to H. B. Newhall, Plainfield, N. J. Cable-clamp.	832,595	Oct. 9	1162	232	124	1535
Cook, John H., New York, N. Y., assignor to H. B. Newhall, Plainfield, N. J. Wire-cable clamp.	838,500	Dec. 11	2436	529	125	2002
Cook, John H., Brooklyn, N. Y., assignor to G. W. Cook, Springfield, Mass. Pencil-sharpener.	836,094	Nov. 20	2342	494	125	680
Cook, John H., Flatbush, N. Y., assignor to G. W. Cook, Springfield, Mass. Window-fastening device.	836,095	Nov. 20	2343	495	125	681
Cook, John V., Chicago, Ill. Mop-wringer.	824,286	June 26	4057	868	122	2775
Cook, Judson, Philadelphia, Pa. Hair-pin.	820,625	May 15	3232	695	122	840
Cook Kerosene Carburetor Company. (See Cook, James J., assignor.)						
Cook, Lemuel T., Atlanta, Ind., assignor of one-half to E. E. Cook, Chicago, Ill. Clothes-draining device.	828,195	Aug. 7	995	207	123	1914
Cook, Lewis D., Mount Holly Springs, Pa. Initiating apparatus.	811,702	Feb. 6	325	71	120	1558
Cook, Martin A., and J. Hainer, New York, N. Y. Alarm-signal for automobiles.	834,562	Oct. 30	5327	1131-2	124	2695
Cook, Maurice A., assignor to Cook Heater Company, Peoria, Ill. Sectional boiler.	821,705	May 29	5472	1165	122	1449
Cook, Milton H., San Francisco, Cal. Conveyor-belt.	814,943	Mar. 13	1869	392	121	465
Cook, Russell P., St. Augustine, Fla. Rail-tie and rail-joint combined.	812,548	Feb. 13	2092	459	120	1993
Cook, Theodore, et al. (See Lerch, Solomon W., assignor.)						
Cook, Thomas D., Glendon-Torquay, England. Floating breakwater.	817,904	Apr. 17	2712	588	121	2064
Cook, William, Baker City, Oreg. Stretching-frame.	826,995	July 24	4672	973	123	1231
Cook, William D., Seibert, Colo. Disk plow.	837,799	Dec. 4	1033	230	125	1609

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Cook, William F., Louisville, Ky. Tube-well strainer.....	828,714	Aug. 14	2049	432	123	2209
Cook, William F., Louisville, Ky. Strainer.....	828,715	Aug. 14	2050	432	123	2209
Cook, William S., <i>et al.</i> (See Cook, David S., assignor.)						
Cooke, William S., San Jose, Cal. Disk plow.....	810,620	Jan. 23	4125	852	120	1022
Cooke, Alfred C., Rockyhill, Conn. Truss.....	815,682	Mar. 20	3416	714	121	853
Cooke, Clarence C., Howard, Pa. Telegraph-pole.....	826,996	July 24	4673	974	123	1231
Cooke, Ernest W., New York, N. Y., assignor, by mesne assignments, to Cokel Company. Dehydrating apparatus.....	834,265	Oct. 30	4780	1011	124	2556
Cooke, George K., Jamaica, N. Y. Measuring-faucet.....	820,556	May 15	3119	671-2	122	816
Cooke, George K., New York, N. Y. Fluid-measuring faucet.....	824,095	June 26	3698	788	122	2697
Cooke, Philip P., and J. D. Lord, assignors to Hall Button Company, Jersey City, N. J. Machine for attaching buttons.....	837,667	Dec. 4	779	178	125	1547
Cooke, Walter L., and A. H. Bates, assignors to Ohio Varnish Company, Cleveland, Ohio. Graining-tool.....	839,364	Dec. 25	4125	886	125	2565
Cooke, Warner B. (See Curtis and Cooke.)						
Cooke, Warner B., Jenkintown, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Movable-point railway-crossing.....	819,520	May 1	957	210	122	214
Cooke, William A., Jr., New York, N. Y. Receptacle for letters or other papers.....	821,019	May 22	4090	871	122	1090
Cooke, William A., Jr., New York, N. Y. Vertical paper-file for correspondence, &c.....	836,633	Nov. 20	3424	730-1	125	940
Cooke, William A., Eldorado Springs, Mo. Stovepipe-joint.....	825,810	July 10	2329	485	123	614
Cooke, William L., Newport News, Va., assignor, by mesne assignments, to Wyckoff, Seamans & Benedict, Ilion, N. Y. Ribbon-shifting mechanism for type-writers.....	818,745	Apr. 24	4408	943-4	121	2485
Cookerley, Josiah, South Milford, Ind. Nut-lock.....	831,602	Sept. 25	3422	718	124	954
Cook's Railway Appliance Co. (See Cook, Eugene, assignor.)						
Cookson, Charles L. (See Tuttle and Cookson.)						
Cookson, Henry. (See Cookson, Richard S. and H.)						
Cookson, Richard S. and H., Philadelphia, Pa. Jacquard mechanism for looms for weaving pile fabrics.....	831,144	Sept. 18	2518	531	124	687
Cookson, Thomas J., Cincinnati, Ohio. Feed-water heater.....	830,210	Sept. 4	635	128	124	161
Cookson, Thomas J., Cincinnati, Ohio. Steam-trap.....	833,777	Oct. 23	3558	759	124	2211
Cool, Isaac W., assignor of two-thirds to J. W. Gilbert and E. C. Ragsdale, Winnsboro, Tex. Vehicle-seat brace.....	832,776	Oct. 9	1532	313	124	1621
Cool, William H. (See Stiarwalt and Cool.)						
Cooley, Charles H., Wichita, Kans. Observation-tower.....	827,214	July 31	5179	1075	123	1375
Cooley, Charles H. and W. D., Wichita, Kans. Paper-folding machine.....	826,544	July 24	3806	788-9	123	1013
Cooley, Daniel P., Granby, assignor of one-half to T. G. Case, Hartford, Conn. Seed-cleaning apparatus.....	816,560	Apr. 3	14	4	121	1357
Cooley, Fred W., assignor of two-thirds to G. T. Honstain, Minneapolis, Minn. Grain-elevator.....	825,191	July 3	997	210-11	123	261
Cooley, George T., <i>et al.</i> (See Knowles, Camden E., assignor.)						
Cooley, John F., Boston, assignor to C. F. Weed, receiver, Brookline, Mass. Rotary engine.....	833,676	Oct. 16	3348	712-13	124	2114
Cooley, Walter D. (See Cooley, Charles H. and W. D.)						
Coomber, James, assignor, by mesne assignments, to H. Reisinger, New York, N. Y. Cork-extractor.....	814,641	Mar. 6	1273	268	121	276
Coombs, Walter J., Quincy, assignor to Tubular Rivet & Stud Company, Boston, Mass. Lacing hook or stud setting machine.....	826,479	July 17	3608	751	123	943
Coombs, Walter J., Quincy, assignor to Tubular Rivet & Stud Company, Boston, Mass. Lacing hook or stud setting machine.....	830,303	Sept. 4	819	167-8	124	205
Coon, Abraham, assignor of one-half to R. Kirkland, Glenwood, Idaho. Punch-press.....	833,123	Oct. 9	2201	463	124	1784
Coon, William R., Gowanda, N. Y. Device for fastening folded papers.....	812,115	Feb. 6	1156	254	120	1724
Coonan, William. (See O'Leary and Coonan.)						
Cooney, Luke, Jr., Chicago, Ill., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	823,511	June 19	2598	547-8	122	2401
Cooney, Luke, Jr., Chicago, Ill., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	823,767	June 19	3086	653-4	122	2506
Cooney, Sebern A., New York, N. Y., and T. J. Mitchell, Connellsville, Pa. Coke-drawing machine.....	835,811	Nov. 13	1841	388-9	125	509
Cooney, Thomas. (See Taylor, William H., assignor.)						
Cooper, Albert E., Champaign, Ill. Locomotive-valve.....	827,504	July 31	5832	1208-9	123	1532
Cooper, Angus R., Mobile, Ala. Chimney-holder.....	809,780	Jan. 9	2354	486	120	550
Cooper, Augustus S., Berkeley, Cal. Separator for gas, oil, water, and sand.....	815,407	Mar. 20	2899	601	121	738
Cooper, Charles. (See Barratt, William T., assignor.)						
Cooper, Eugene A. (See Dean, Seward A., assignor.)						
Cooper, Frank J., assignor to Ohio Steel Wheelbarrow Company, Toledo, Ohio. Wheelbarrow.....	819,856	May 8	1638	349	122	430
Cooper, Frank P., Cincinnati, Ohio. Tubular boiler.....	811,547	Feb. 6	22	6	120	1489
Cooper, Garrett D., Providence, R. I. Sewing-machine stand.....	816,300	Mar. 27	4688	996	121	1178
Cooper, George H. (See Mohr and Cooper.)						
Cooper, Henry B., Columbus, Ohio. Hose-supporter.....	813,621	Feb. 27	4207	925	120	2549
Cooper, Henry B., Columbus, Ohio. Hose-supporter.....	813,622	Feb. 27	4209	925	120	2550
Cooper, Henry D., administrator. (See Cooper, James G.)						
Cooper Hewitt Electric Company. (See Hewitt, Peter C., assignor.)						
Cooper Hewitt Electric Company. (See Potter, Henry N., assignor.)						
Cooper Hewitt Electric Company. (See Thomas, Percy H., assignor.)						
Cooper, James C. (See Cooper, William, assignor.)						
Cooper, James C., assignor of one-fourth to J. G. Lang, Baltimore, Md. Broom-protector.....	839,057	Dec. 18	3478	751	125	2300
Cooper, James G., deceased; H. D. Cooper, administrator, assignor, by mesne assignments, of three-fifths to M. Budd, New York, N. Y. Hydraulic and hand steering-gear.....	815,266	Mar. 13	2535	533	121	611
Cooper, John, Diamond, La. Arbor.....	811,276	Jan. 30	5419	1130	120	1337
Cooper, John, Camberwell, England. Tire for wheels.....	835,939	Nov. 13	2063	440	125	559
Cooper, John, Bellevue, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Automatic oiler.....	810,621	Jan. 23	4128	853	120	1022
Cooper, John S., Villa Grove, Ill. Draft-rigging.....	835,058	Nov. 6	373	76	125	99
Cooper, John W., Boston, Mass. Flushing cuspidor.....	824,287	June 26	4057	869	122	2775
Cooper, John W., assignor of one-half to G. Frink, Seattle, Wash. Elevated conveyor.....	834,134	Oct. 23	4611	978-9	124	2469
Cooper, Joseph. (See Ormondroyd and White, assignors.)						
Cooper, Maxey C., Selma, Ala. Alarm.....	838,385	Dec. 11	2226	482	125	1949
Cooper, Thomas, Kidderminster, England. Tufted pile fabric.....	813,951	Feb. 27	4847	1070	120	2685
Cooper, Walter J., Cleveland, Ohio, assignor of one-half to L. W. Behringer. Ladder.....	835,153	Nov. 6	561	114-15	125	143
Cooper, William, Denver, Colo. Safety device for hoisting mechanisms.....	810,189	Jan. 16	3182	659-60	120	780
Cooper, William, Denver, Colo. Automatic exhaust.....	819,002	Apr. 24	4894	1051	121	2590
Cooper, William, Providence, R. I. Union.....	810,190	Jan. 16	3186	660	120	780
Cooper, William, assignor of one-half to J. C. Cooper, Chicago, Ill. Fishing-hook.....	823,319	June 12	2218	462	122	2260

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Cooper, William, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric motor-control system.	834,563	Oct. 30	5328	1132	124	2695
Cooper, William F., assignor of one-half to A. B. Chase Co., Norwalk, Ohio. Pneumatic action for mechanical musical instruments.	826,833	July 24	4360	908	123	1155
Cooper, William F., assignor of one-half to A. B. Chase Co., Norwalk, Ohio. Pedal-board and pedal for self-playing pianos or musical instruments.	830,823	Sept. 11	1883	392	124	505
Cooper, William F., assignor of one-half to A. B. Chase Co., Norwalk, Ohio. Crescendo and diminuendo apparatus for mechanical musical instruments.	832,571	Oct. 2	1095	220-1	124	1477
Cooper, William F., assignor of one-half to A. B. Chase Co., Norwalk, Ohio. Mechanical musical instrument.	833,026	Oct. 9	2011	421-4	124	1736
Cooper, Winfield S., Braddock, Pa. Toy.	828,196	Aug. 7	996	207	123	1915
Coopersmith, Rudolph. (See Kindel and Coopersmith.)						
Coopersmith, Rudolph, St. Louis, Mo. Davenport-pad.	817,139	Apr. 3	1160	240	121	1617
Copcutt, Catherine L. (See Copcutt, Frederick W., assignor.)						
Copcutt, Frederick W., assignor of one-half to C. L. Copcutt, New York, N. Y. Twine holder and take-up.	819,521	May 1	958	210	122	214
Cope, Thomas, McKees Rocks, Pa. Spool and pincushion holder.	830,304	Sept. 4	822	168	124	206
Cope, Thomas J., Philadelphia, Pa. Elevating-jack.	827,505	July 31	5835	1209	123	1532
Copeland, Arthur, assignor of one-half to M. G. Copeland, Washington, D. C. Fixture for awnings, curtains, and the like.	814,770	Mar. 13	1557	329	121	400
Copeland, David W., Syracuse, N. Y. Thill-coupling.	829,767	Aug. 28	4255	901	123	2837
Copeland, Hugh B., Denver, Colo. Portable wall.	815,513	Mar. 20	3080	641-2	121	778
Copeland, James S., Hartford, Conn., assignor to Pope Manufacturing Company, Jersey City, N. J., and Hartford, Conn. Driving mechanism for bicycles, &c.	820,038	May 8	2074	452	122	526
Copeland, James S., Hartford, Conn., assignor, by mesne assignments, to Pope Manufacturing Company, Jersey City, N. J. Driving mechanism for bicycles.	821,340	May 22	4737	1007	122	1234
Copeland, James S., Hartford, Conn., assignor to Pope Manufacturing Company, Jersey City, N. J. Driving mechanism for bicycles.	836,738	Nov. 27	3692	788	125	1044
Copeland, John W. (See Chrisco, Shelby, assignor.)						
Copeland, Martin G. (See Copeland, Arthur, assignor.)						
Copeland, Mary L. (See Gunn, James D., assignor.)						
Copeland, Robert J., and A. E. Chatterson, Toronto, Ontario, Canada. Binder.	831,773	Sept. 25	3774	791	124	1049
Copeland, W. W., et al. (See Wheeler, George E., assignor.)						
Coplovich, Henry, Hinckley, assignor to Standard Turpentine Manufacturing Co., St. Paul, Minn. Wood-still.	814,901	Mar. 13	1791	374	121	449
Copland, Henry B. (See Shaw, William E., assignor.)						
Coplantz, Cyrus, assignor of one-half to A. S. Cheeseman, Joliet, Ill. Ladder.	823,512	June 19	2603	549	122	2402
Copleston, Henry, Cincinnati, Ohio. Machine for forming pill-mass rolls.	822,101	May 29	6221	1326	122	1619
Copley, Noiberto G., assignor to S. C. Regulator Company, Fostoria, Ohio. Pump-governor.	830,972	Sept. 11	2141	453	124	567
Coppage, Benjamin D., Wilmington, Del. Slide-rule.	813,485	Feb. 27	3935	864	120	2490
Coppridge, Joel A., and T. B. Stultz, Roanoke, Va. Hot-water heater.	818,355	Apr. 17	3599	771	121	2255
Copps, James F., Alberene, Va. Device for splitting stone.	820,848	May 15	3699	789	122	943
Copps, James F., Alberene, Va. Splitting stone.	820,849	May 15	3700	789-90	122	943
Corbett, Henry R., Chicago, Ill., assignor to Bee Hive Fly Catcher Company, Kenosha, Wis. Fly-catching device.	836,634	Nov. 20	3427	732	125	941
Corbett, William, Smith's Falls, Canada. Window-sill.	819,041	May 1	12	4	122	6
Corbin Cabinet Lock Company. (See Townsend, Harry P., assignor.)						
Corbin Cabinet Lock Company. (See Townsend and Johnson, assignors.)						
Corbin, Charles B., assignor of one-half to C. F. Aupperle, Grand Rapids, Mich. Shoe-form.	812,116	Feb. 6	1156	254	120	1724
Corbin, John R., New York, N. Y. Adjustable door-jamb.	813,690	Feb. 27	4334	953	120	2576
Corbin Motor Vehicle Corporation. (See Bogart, Fred H., assignor.)						
Corbin Motor Vehicle Corporation. (See Manross, Arthur N., assignor.)						
Corbin, Newell S. (See Rahm and May, assignors.)						
Corbin Screw Corporation. (See Glover, Charles, assignor.)						
Corbin Screw Corporation. (See Svenson, Charles W., assignor.)						
Corbishley, John, J. H. Wool, and T. F. Collins, Fall River, Mass. Stop-motion for looms.	822,585	June 5	716	144	122	1886
Corby, Edward P., assignor to Lock-Well Wall Register Company, St. Louis, Mo. Wall-register.	813,952	Feb. 27	4848	1070	120	2685
Corcoran, Daniel, Launceston, Tasmania, Australia. Device for measuring liquids.	823,932	June 19	3398	726	122	2576
Corcoran, George L., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Shuttle-actuating mechanism.	837,283	Dec. 4	24	9	125	1360
Corcoran, George L., and G. A. Dobyne, assignors to Champion Shoe Machinery Company, St. Louis, Mo. Wax-pot for sewing-machines.	809,428	Jan. 9	1672	342	120	399
Corcoran, George L., and G. A. Dobyne, assignors to Champion Shoe Machinery Company, St. Louis, Mo. Sewing-machine.	812,641	Feb. 13	2259	491-2	120	2024
Corcoran, George L., and G. A. Dobyne, assignors to Champion Shoe Machinery Company, St. Louis, Mo. Shuttle-actuating mechanism for sewing-machines.	815,069	Mar. 13	2133	449-50	121	520
Corcoran, George L., and G. A. Dobyne, assignors to Champion Shoe Machinery Company, St. Louis, Mo. Heating system for wax-thread sewing-machines.	818,417	Apr. 24	3727	800	121	2338
Corcoran, George L., and G. A. Dobyne, assignors to Champion Shoe Machinery Company, St. Louis, Mo. Needle and shuttle guard for sewing-machines.	833,954	Oct. 23	3974	844	124	2317
Corcoran, John H. (See Fryslie, Edward, assignor.)						
Corcoran, John H., Kenosha, Wis. Combined sash-balance and lock.	811,382	Jan. 30	5616	1175	120	1379
Corcoran, Michael B., Hamilton, Mont. Expansive head for presses.	831,265	Sept. 18	2755	580-1	124	747
Corcoran, Michael B., assignor of one-half to J. C. McLean, Hamilton, Mont. Vehicle axle and skein.	833,707	Oct. 16	3425	729-30	124	2130
Corcoran, Thomas J., Cincinnati, Ohio. Vehicle-lamp.	821,224	May 22	4483	955	122	1175
Cordes, August W., New York, N. Y. Bottle-stopper.	824,341	June 26	4165	891	122	2797
Cordes, John F. (See Rau, John F., assignor.)						
Cordrey, John C., and P. J. Brady, Harvey, Ill. Brake-shoe.	821,462	May 22	4985	1059	122	1288
Corell, Gaetan M., New York, N. Y. Automatic insulator.	822,043	May 29	6119	1303	122	1595
Corey, Daniel W., St. Louis, Mo., assignor to Union Special Sewing Machine Company, Chicago, Ill. Needle-lever bearing.	822,884	June 5	1292	266	122	2009
Corey Estate Company. (See Pringle, Robert M., assignor.)						
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Electromagnet.	811,277	Jan. 30	5420	1130	120	1337
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Air-brake system and automatic valve.	811,765	Feb. 6	428	94	120	1580
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. System of motor control.	811,766	Feb. 6	431	94	120	1580
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Emergency-brake.	823,992	June 19	3520	752	122	2602
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Track-sander.	827,294	July 31	5328	1104	123	1408

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Automatic train-stop for block-signal systems.	828,386	Aug. 14	1394	295	123	2041
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Air-brake system.	829,143	Aug. 21	2944	616	123	2470
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Fluid-pressure system.	829,845	Aug. 28	4423	934	123	2879
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Automatic air-brake system.	831,418	Sept. 18	3035	644-5	124	817
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Safety device for electric signals.	832,297	Oct. 2	564	107	124	1349
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Lock for signals.	832,847	Oct. 9	1674	344-5	124	1654
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Track-sander.	834,108	Oct. 23	4428	940	124	2421
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Protective device for signal systems.	839,365	Dec. 25	4126	886	125	2505
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Air-brake system.	839,366	Dec. 25	4128	886	125	2506
Corey, James A. (See Tibbs and Corey.)						
Corey, John A. (See Barber, William E., assignor.)						
Corey, William E. (See Tibbs and Corey.)						
Corley, Andrew J., East Point, Ga. Rotary cutter.	822,351	June 5	250	52	122	1781
Corley, Benjamin R. (See Turner and Corley.)						
Cormack, Donald. (See Hinton, James C., assignor.)						
Cormack, George, Jr., and F. C. Zumdahl, Rockford, Ill. Sparking igniter for explosive-engines.	813,081	Feb. 20	3119	683	120	2256
Cormack, George, Jr., and F. C. Zumdahl, Rockford, Ill. Governor for gasolene-engines.	836,096	Nov. 20	2344	495	125	681
Corman, Charles A., Boston, Mass. Supporting-bracket for curtain and other rollers.	830,135	Sept. 4	472	95	124	119
Cormier, Frank S., Moncton, New Brunswick, Canada. Portable suspending-hook for coats, hats, &c.	830,415	Sept. 4	1042	217	124	257
Cornacker, Charles, <i>et al.</i> (See Schenck, August, assignor.)						
Cornelson, Jesse U., Eula, Tex. Agricultural implement.	810,622	Jan. 23	4130	853	120	1023
Cornelson, Robert W., Bloomfield, N. J. Composition for coloring or painting.	816,648	Apr. 3	215		121	1408
Cornell, Chauncey A., assignor to Berkshire Specialty Company, Pittsfield, Mass. Elastic check-loop.	831,537	Sept. 25	3284	691	124	916
Cornell Incubator Mfg. Co. (See Blackman, Harvey H., assignor.)						
Cornell, Joseph, Earlville, N. Y. Table-leg fastening.	813,406	Feb. 27	3777	828	120	2453
Cornell, Matthew G., Jr., New York, N. Y. Stock and die.	821,403	May 22	4871	1033	122	1263
Cornell, Samuel J. G., New York, N. Y. Hot-water regulator.	823,157	June 12	1868	386	122	2182
Cornely, Robert, Paris, France. Sewing and embroidering machine.	826,764	July 24	4245	882	123	1127
Corner, John L., <i>et al.</i> (See Garrard, William D., assignor.)						
Corning Glass Works. (See Churchill, William, assignor.)						
Cornish, Charles W. A., assignor of one-half to R. B. Miller, Pass Christian, Miss. Automobile-tire envelop.	835,502	Nov. 13	1248	268	125	360
Cornish, Harry B., Minneapolis, Minn. Carbureter.	828,274	Aug. 7	1148	241	123	1949
Cornish, Harry B., Minneapolis, assignor of two-thirds to P. Peterson, Glenwood, Minn. Air-compressor.	821,926	May 29	5896	1253	122	1544
Corwall, John B., assignor to Barnard and Leas Manufacturing Company, Moline, Ill. Packing-machine.	821,463	May 22	4986	1059	122	1288
Cornwell, George F. (See Terry, Howell P., assignor.)						
Cornwell, George H., Park Ridge, N. J., assignor of two-fifths to W. F. Pippey, New York, N. Y. Fish-plate.	818,418	Apr. 24	3728	800	121	2338
Cornwell, Ray M. (See Robedee, William L., assignor.)						
Corrigan, Fredrick, Jeannette, Pa. Seal for envelopes.	818,746	Apr. 24	4414	944	121	2487
Corrugated Bottle Company. (See House, Charles, assignor.)						
Corsey, George M., Woodbury, N. J. Jar-holder.	822,652	June 5	847	173	122	1915
Corson, Clarence W. (See Linderman and Corson.)						
Corthésy, Jules H., assignor of one-half to G. F. Griffin, London, England. Rotary engine.	819,003	Apr. 24	4897	1051-2	121	2590
Corti, Arnold, Dübendorf, Switzerland. Making cellulose acetate.	826,229	July 17	3133		123	825
Cortland, Harvey, Pittsburg, and S. J. Heinrich, Allegheny, assignors to American Electric Alarm Company Pittsburg, Pa. Thermostat.	837,898	Dec. 4	1222	270	125	1657
Cortland Implement Company. (See Johnson, Charles, assignor.)						
Corts, August, Wyncote, and W. B. Cooke, Jenkintown, assignors to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Switch-stand.	831,834	Sept. 25	3891	816	124	1077
Corwin, Elmer R., assignor to Monarch Telephone Manufacturing Company, Chicago, Ill. Telephone system.	827,787	Aug. 7	200	40	123	1719
Corwin, Elmer R., West Lafayette, and F. R. Parker, La Fayette, Ind.; said Corwin assignor to said Parker, Chicago, Ill. Telephone-transmitter.	819,522	May 1	960	211	122	215
Corwin, Hamilton S., Peabody, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Work-support for leather-working machines.	824,848	July 3	347	64	123	96
Corwin, Hamilton S., Peabody, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Machine for treating hides and skins.	830,571	Sept. 11	1376	285	124	369
Cory, David P., Belleville, Ontario, Canada. Label-holder.	831,645	Sept. 25	3518	738	124	979
Coryell, William C., Youngstown, Ohio. Toy.	822,188	May 29	6399	1359	122	1659
Cosgrave, Patrick H., Colorado City, Colo. Hot-water heater.	822,854	June 5	1234	254	122	1997
Cosmos Construction Company. (See Lamson, Franklin S., assignor.)						
Cossey, Myron, New York, N. Y. Door carrying and operating device.	832,010	Sept. 25	4250	889	124	1167
Cossey, Myron, New York, N. Y. Door supporting and operating device.	832,457	Oct. 2	882	170	124	1424
Cossey, Myron, New York, N. Y. Door supporting and operating device.	832,458	Oct. 2	884	170	124	1424
Cossey, Myron, Brooklyn, assignor to Reliance Ball Bearing Door Hanger Company, New York, N. Y. Door-hanger.	809,781	Jan. 9	2355	486	120	550
Cost, Charles C., Bismarck, N. D. Bobbin.	815,683	Mar. 20	3418	714	121	854
Costa, Joseph S., Quincy, Mass. Cutting or dressing tool for marble, stone, &c.	823,584	June 19	2746	582	122	2432
Costello, Henry O., Providence, R. I. Spinning-top.	821,341	May 22	4739	1008	122	1235
Costello, Joseph P., Philadelphia, Pa. Shuttle for looms.	827,082	July 31	4882	1018	123	1296
Costello, Thomas H., Chicago, Ill. Blackboard.	810,623	Jan. 23	4131	853	120	1023
Costello, Thomas H., Chicago, Ill. Pointer.	830,495	Sept. 11	1209	253	124	327
Costello, Thomas M., and W. H. Monty, Charlotte, N. C. Machine for straightening cotton-mill spindles.	825,192	July 3	999	211	123	261
Costello, William J., Monessen, Pa. Nail-machine.	824,976	July 3	601	120-1	123	159
Costikyan, Nazar. (See Dalkranian, James K., assignor.)						
Costikyan, Nazar. (See Sarafian, Hovsep, assignor.)						
Costikyan, Nazar. (See Whitmore, Fred A., assignor.)						
Coston Signal Company. (See Becherer, Jay W., assignor.)						
Coté, George M., Pittsburg, Pa. Rail-support.	839,456	Dec. 25	4315	922	125	2551

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. & G.	Vol.	Page.
Cote, Louis, St. Hyacinthe, Canada. Proportional dividers.....	829,938	Aug. 28	4654	976	123	2938
Cothern, John K., Bowie, Tex. Convertible car.....	821,464	May 22	4988	1060	122	1288
Cothran, Grove, Chicago, Ill., assignor to Chicago Title and Trust Company, trustee. Gas-generator.....	834,109	Oct. 23	4430	941-3	124	2421
Cotter, Samuel, Newark, N. J. Pen and pencil holder.....	816,783	Apr. 3	457	102	121	1458
Cottier, William T., Chicago, Ill. Ventilator.....	814,357	Mar. 6	726	147	121	160
Cottom, Harry A., Brownsville, Pa. Shoe-cleaner.....	836,244	Nov. 20	2681	569	125	763
Cotton, Alfred, Newark, N. J. Furnace-grate.....	823,715	June 19	2988	633	122	2486
Cotton, Alfred, Newark, N. J. Superheater.....	827,145	July 31	5033	1048-9	123	1336
Cotton Collar Company. (See Allen, Clarence L., assignor.)						
Cotton, Frank, Hornsby, New South Wales, Australia. Process and apparatus for generating a combustible gas from carbonaceous liquids.....	831,835	Sept. 25	3893	816	124	1078
Cotton, William E., and L. C. Moor, Kansas City, Mo. Extension gas-chandelier.....	812,549	Feb. 13	2093	459	120	1993
Cottrell, Charles E. (See Iverson, John G., assignor.)						
Cottrell, Charles P., Westerly, R. I., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Pressure-controlling device for the air-springs of printing-presses.....	810,624	Jan. 23	4132	854	120	1023
Cottrell, Charles P., Westerly, R. I., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Machine for cutting and delivering sheets of paper, &c.....	827,422	July 31	5617	1162	123	1479
Cottrell, Charles P., Westerly, R. I., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Machinery for cutting and delivering sheets of paper or other material.....	831,774	Sept. 25	3777	791	124	1050
Cottrell, Edgar H., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Folding machinery.....	819,611	Apr. 24	4135	888-9	121	2425
Cottrell, George R., Tottenville, N. Y. Garbage-incinerating apparatus.....	839,270	Dec. 25	3947	848-9	125	2461
Cottrell, Henry W. (See Rountree, Henry W., assignor.)						
Cottrell, Herbert, Newark, N. J. Mechanical and magnetic toy.....	813,082	Feb. 20	3120	684	120	2256
Cottrell, James, assignor to A. H. Smith, London, England. Locking-band for pneumatic-tire covers.....	828,841	Aug. 14	2286	487-8	123	2271
Cottrell, John C., Kingsley, Iowa. Railway-car.....	808,817	Jan. 2	381	82-4	120	84
Cottrell, Margaret E. (See Cottrell, Sylvester P., assignor.)						
Cottrell, Sylvester P., assignor to M. E. Cottrell, Buffalo, N. Y. Machine for measuring the height of persons.....	833,124	Oct. 9	2202	464	124	1785
Couch, Buel, <i>et al.</i> (See Kneeder, John D., assignor.)						
Couch, Buel. (See Kneeder, Van Sickle, Couch, and Hanson.)						
Couch, Elbert M., assignor to Whitney Manufacturing Company, Hartford, Conn. Printing-press.....	813,778	Feb. 27	4501	994-5	120	2612
Couch, Elbert M., assignor to Whitney Manufacturing Company, Hartford, Conn. Type-receptacle.....	826,545	July 24	3810	789	123	1014
Couch, Samuel H., Boston, Mass. Automatic resetting-switch.....	830,770	Sept. 11	1793	370	124	482
Coughlan, Thomas, New York, N. Y. Burner for coal-tar.....	835,403	Nov. 6	1069	229	125	270
Coughlin, Joseph D., assignor of fifty-one one-hundredths to B. W. O'Neil, Boston, Mass. Corkscrew.....	814,834	Mar. 13	1681	351-2	121	426
Couleru-Meuri, Charles, La Chaux-de-Fonds, Switzerland, assignor to Flory, Reingpach & Co., Colchester, England. Speed-indicator for vehicles, &c.....	820,916	May 15	3858	822	122	977
Coulson, John W., Columbus, Ohio. Window corner-post or transom-bar.....	834,890	Nov. 6	25	5	125	9
Coulston, Harry. (See Snow, Carl, Coulston, and Phelps.)						
Coulter, Frank E., Sioux Falls, S. D. Ear-drum.....	837,196	Nov. 27	4602	977	125	1268
Coulter, Henry P., Philadelphia, Pa. Garment-supporter.....	820,393	May 15	2776	602	122	742
Coulter, Samuel L., Caldwell, Ohio. Mail-box.....	823,585	June 19	2747	582	122	2432
Coulter, William J., Lorain, Ohio. Ticket counting and canceling machine.....	821,465	May 22	4990	1060-1	122	1289
Councilor, John W., Waterloo, Iowa. Screen and storm-window fastener.....	827,083	July 31	4883	1018	123	1296
Counselman, Phillip W., and L. M. Crockett, Toledo, Ohio. Emergency railway-brake.....	828,536	Aug. 14	1702	358	123	2120
Country Hydrant Company. (See Johnson, John, assignor.)						
Coupal, Peter A., Boston, Mass. Propelling mechanism for vessels.....	829,378	Aug. 21	3425	721	123	2586
Coupe, Edwin, Antrim, Pa. Knee-protector.....	832,536	Oct. 2	1032	207	124	1461
Coupe, William, South Attleboro, Mass. Apparatus for treating hides.....	833,443	Oct. 16	2897	614	124	2009
Coupe, William, South Attleboro, Mass. Leather belting.....	834,361	Oct. 30	4960		124	2602
Couper Gold Separator Co. (See Couper, James M., assignor.)						
Couper, James M., assignor to Couper Gold Separator Co., Atlanta, Ga. Rifle apparatus.....	837,197	Nov. 27	4604	977	125	1268
Couper, Peter, Flint, England. Paper-making apparatus.....	819,004	Apr. 24	4899	1052	121	2591
Coupette, Paulin, Cologne, Germany. Advertising device.....	813,200	Feb. 20	3351	737	120	2305
Coursey, Thomas M., Tupelo, Tex. Gate.....	833,203	Oct. 16	2400	503	124	1883
Courson, Charles L., Pitcairn, Pa. Journal-box.....	826,765	July 24	4246	882	123	1127
Courtinade, François, New York, N. Y. Means for promoting accurate shooting.....	820,181	May 8	2361	513	122	588
Courtrot, Georges, Paris, France. Stencil-plate for printing in colors.....	818,521	Apr. 24	3942	849	121	2382
Courtright, Otho C., and A. D. Mika, Fort Madison, Iowa. Photographic-printing cabinet.....	815,267	Mar. 13	2537	533	121	611
Cousin, Ernest D., Paris, France. Boiler-furnace.....	833,581	Oct. 16	3179	675	124	2074
Coutts, James A., Colton, S. D. Harrow.....	826,230	July 17	3133	650-1	123	825
Cove, George H., Roxbury, assignor to C. M. Bunker and F. R. Kimball, Boston, Mass. Thermo-electric battery and apparatus.....	824,684	June 26	4864	1036	122	2946
Covel Manufacturing Company. (See Filstrup, Lars L., assignor.)						
Covel, William L., Biloxi, Miss. Saw-swaging machine.....	815,269	Mar. 13	2541	534	121	612
Covell, Charles, Grand Valley, Pa. Automatic air-relief for pipe-lines.....	815,268	Mar. 13	2540	533	121	612
Covell, Harry N., New York, N. Y., assignor to Lidgerwood Manufacturing Company. Brake-band.....	812,827	Feb. 20	2615	573	120	2145
Cover, Owen C., Goshen, Ind. Electric-light socket and key.....	816,436	Mar. 27	4997	1061	121	1241
Coverstone, Samuel T., Mount Pleasant, Mich. Rail-joint.....	811,130	Jan. 30	5128	1071	120	1272
Covert, Enoch, Interlaken, N. Y. Die for rope-clamps.....	826,766	July 24	4247	882	123	1127
Covert, James C., Watervliet, N. Y. Fire-escape.....	809,670	Jan. 9	2156	446	120	506
Covert, James C., Watervliet, N. Y. Fire-escape.....	809,702	May 15	3382	724	122	870
Covert, James C., assignor to Covert Manufacturing Company, Watervliet, N. Y. Snap-hook.....	820,703	May 15	3383	724	122	870
Covert Manufacturing Company. (See Covert, James C., assignor.)						
Covey, Warren O., Marietta, Ohio. Oil-well derrick.....	829,694	Aug. 28	4111	871	123	2802
Covington, Edward, Salt Lake City, Utah. Fireproof and waterproof composition.....	816,532	Mar. 27	5190		121	1286
Covington Machine Company. (See Wickes, George T., assignor.)						
Cowan, Arthur S., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom.....	814,000	Feb. 27	4939	1092-4	120	2704
Cowan, Harry. (See McClary, James M., assignor.)						
Cowan, Harry I., and B. Abel, Woburn, Mass. Oculometroscope.....	817,046	Apr. 3	993	203	121	1579
Cowan, Lily H., Durham, N. C. Invalid knee-rest.....	830,416	Sept. 4	1045	218	124	258
Cowan, William. (See Soliday, Horace F., assignor.)						
Cowardin, Samuel P., Richmond, Va. Electric rail-bond and making same.....	814,771	Mar. 13	1559	329	121	401
Cowell, William G. (See Odenkirchen, Henry F., assignor.)						
Cowell, William G. (See Odenkirchen and Cowell.)						
Cowern, William, Hawera, New Zealand. Means for filtering or purifying water.....	813,779	Feb. 27	4505	995	120	2613

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Cowgill, Milo J., Victor, Colo. Screw-driver.	825,517	July 10	1714	360	123	461
Cowham, William F. (See Normandin, Levi P., assignor.)						
Cowham, William F. (See Robertson, Alonzo P., assignor.)						
Cowham, William F. (See Wiltse, Sidney L., assignor.)						
Cowing, Herbert L., New York, N. Y. Book-support.	826,767	July 24	4248	883	123	1128
Cowing, Herbert L., New York, N. Y. Paper-fastener.	837,449	Dec. 4	346	81	125	1442
Cowing, Percy F., New York, N. Y. Shot-making machine.	809,671	Jan. 9	2158	446	120	506
Cowing, Percy F., New York, N. Y. Shot-making machine. (Reissue.)	12,568	Nov. 27	4748	1006	125	1303
Cowing, Percy F., assignor of one-half to P. D. Ricketts, New York, N. Y. Treating acid leaching solutions.	825,302	July 10	1222		123	336
Cowles, Alfred A., New York, N. Y. Fire-hydrant.	828,597	Aug. 14	1820	383	123	2152
Cowles, Burton S., Plainville, assignor to Cowles Engineering Corporation, New Haven, Conn. Machine for bending cast-iron.	813,141	Feb. 20	3254	715	120	2285
Cowles, Edward P., Warren, Ohio. Variable-speed friction-gearing.	818,747	Apr. 24	4416	944-5	121	2437
Cowles Engineering Corporation. (See Cowles, Burton S., assignor.)						
Cowles, George, and F. M. Simpson, Sacramento, Cal. Domestic hot-water supply and heating system.	835,812	Nov. 13	1844	390	125	510
Cowles, John T., Chicago, Ill. Bedclothes-holder.	819,857	May 8	1639	349	122	431
Cowles, William B., assignor to "Long Arm" System Company, Cleveland, Ohio. Automatic cut-out mechanism for electrically-operated bulkhead-doors.	810,915	Jan. 30	4705	982	120	1181
Cowles, William B., assignor to "Long Arm" System Company, Cleveland, Ohio. Electric system for operating bulkhead-doors, hatches, &c.	833,125	Oct. 9	2206	464-6	124	1786
Cowles, William H., et al. (See Williams, Charles, assignor.)						
Cowley, Hiram B., Bessemer, Ala. Switch-bar.	836,962	Nov. 27	4139	883	125	1155
Cowley, William O. (See West and Cowley.)						
Cowling, James, New York, N. Y. Hygrometer.	834,660	Oct. 30	5541	1176	124	2749
Cowper-Coles, Sherard, Westminster, London, England. Deposition of metal or metallic compound upon metals or metallic articles.	829,386	Aug. 28	3442		123	2637
Cox, Alfred H., Cincinnati, Ohio. Automatic stopple and non-refillable bottle.	815,147	Mar. 13	2305	482	121	558
Cox and Brother, George S. (See Cox, George S., assignor.)						
Cox, Cary S., Fresno, Cal., assignor of three-fifths to J. B. Inderrieden Co., Chicago, Ill. Fruit weighing and packing machine.	824,412	June 26	4321	920-1	122	2828
Cox, Daniel M., Moulton, Iowa. Hay and stock rack.	816,561	Apr. 3	15	4-5	121	1357
Cox, Edwin A. (See Klaber and Cox.)						
Cox, Edwin A., London, England, assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus.	815,905	Mar. 20	3903	826	121	955
Cox, Frederick W., Milwaukee, Wis. Reversible brake-beam fulcrum.	827,788	Aug. 7	209	40-1	123	1723
Cox, George C., Guide, N. C. Saddle.	827,506	July 31	5836	1209	123	1533
Cox, George E. (See Price, Cox, and Marshall.)						
Cox, George S., Fitzwatertown, assignor to G. S. Cox and Brother, Philadelphia, Pa. Haircloth-loom.	834,000	Oct. 23	4187	888	124	2300
Cox, George S., Fitzwatertown, assignor to G. S. Cox and Brother, Philadelphia, Pa. Expandable pulley.	837,261	Nov. 27	4732	1002	125	1300
Cox, Henry G., assignor to J. T. Brush, Indianapolis, Ind. Stoker.	827,852	Aug. 7	323	67-9	123	1750
Cox, Israel V. B. (See Hukill, William V., assignor.)						
Cox, James A., Brownsville, Oreg. Fabric-measuring machine.	835,601	Nov. 13	1445	310	125	409
Cox, James D., Bridgeton, N. J. Bottle-making apparatus.	821,610	May 29	5271	1124	122	1405
Cox, James J., Jackson, Mich. Plastic-block-molding machine.	814,358	Mar. 6	727	147	121	161
Cox, James J., Jackson, Mich. Cement-block machine.	820,098	May 8	2204	479-80	122	554
Cox, John. (See Marshall and Cox.)						
Cox, John, Vandalia, Ill. Treadle-pump.	818,522	Apr. 24	3943	849	121	2382
Cox, John W., Darling, Miss. Saw-handle.	826,921	July 24	4547	946	123	1201
Cox, Joseph A., Talmage, Cal. Coffee-pot.	836,635	Nov. 20	3429	732	125	941
Cox, Melber H., Wyoming, Ill. Wood-sawing machine.	825,518	July 10	1715	360-1	123	461
Cox, Thomas E. and W. L., Birmingham, Ala. Draft appliance.	837,800	Dec. 4	1035	230-1	125	1610
Cox, Wallace W., Pungo, Va. Propelling mechanism for vessels.	827,619	July 31	6069	1259	123	1593
Cox, Warren R. (See Schmitz, Horning, and Cox.)						
Cox, William L. (See Cox, Thomas E. and W. L.)						
Cox, William N., Montgomery, Ala. Furnace.	826,406	July 17	3455	718	123	904
Cox, William N., Montgomery, Ala., assignor to Mooney Development Co. Furnace draft apparatus.	823,396	June 12	2344	492-3	122	2286
Cox, William R., Waldron, Ark. Combined cotton scraper, blocker, and cultivator.	824,066	June 19	3651	777	122	2629
Cox, Zachary T., Salt Lake City, Utah. Swimming apparatus.	826,145	July 17	2968	617	123	787
Coxey, Jasper S., Aberdeen, Wash. Folding and extension car-step.	822,102	May 29	6222	1327	122	1619
Coxon, William G., assignor to Great Western Pottery Company, Kokomo, Ind. Vitreous and other cast or molded fixture.	834,266	Oct. 30	4782	1011	124	2557
Coy, Ervin S., La Grande, Oreg. Ribbon-holder.	829,846	Aug. 28	4426	934	123	2880
Coy, Frederick W., Boston, assignor to C. F. Brown, trustee, Reading, Mass. Adjustable clutch-controlled standard.	811,278	Jan. 30	5423	1130	120	1338
Coy, William W. (See Rowe and Coy.)						
Coyle, Andrew M., New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Dash-pot.	838,169	Dec. 11	1803	387	125	1848
Coyle, Andrew M., New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Automatic slow-down stop-motion device.	838,170	Dec. 11	1806	387	125	1849
Coyle, William H., Lowville, N. Y. Sleigh.	829,847	Aug. 28	4427	934	123	2880
Coyne, John, Wilkinsburg, Pa. Blast-furnace.	836,801	Nov. 27	3815	813	125	1078
Coyner, John A., Austin, Ohio. Collar-fastener.	827,084	July 31	4884	1018	123	1297
Crabb, Charles L., New York, N. Y. Apparatus for rendering drawings and documents transparent and waterproof.	808,901	Jan. 2	557	123	120	122
Crabb, Earl L. (See Wulf, Charles A., assignor.)						
Crabb, Earl L., Indianapolis, Ind. Repeating attachment for phonographs.	828,598	Aug. 14	1821	383-4	123	2152
Crabb, Earl L., Indianapolis, Ind. Combined picture-exhibitor and phonograph.	833,508	Oct. 16	3032	643-4	124	2038
Crabb, Roy W. H., Battle Creek, Mich. Confection-machine.	829,097	Aug. 21	2820	592	123	2438
Crabill, Joseph R., Carthage, Ill. Grip.	838,952	Dec. 18	3283	710	125	2250
Craddock, Edward S., New York, N. Y. Woven pile fabric.	834,001	Oct. 23	4194	889	124	2362
Craddock, Edward S., New York, N. Y. Pile-fabric loom.	836,305	Nov. 20	2801	594-5	125	795
Craft, Edward B. (See Holmes and Craft.)						
Craft, Edward B. (See McBerty and Craft.)						
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Switch-key.	814,277	Mar. 6	540	113	121	116
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Alarm-fuse for telephone-exchanges.	817,959	Apr. 17	2823	611	121	2090
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Switch-key.	828,089	Aug. 7	804	166-7	123	1869
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Electric bell.	829,909	Aug. 28	4548	959	123	2910
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Fastening device for switchboard connecting-cords.	833,778	Oct. 23	3559	760	124	2211
Craft, James F., Lincoln, Me. Self-secured bundle of flexible material.	819,858	May 8	1641	350	122	431

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Orig.	Vol.	Page.
Craft, James F., Lincoln, Me. Tool for fastening self-secured packages.....	819,859	May 8	1642	350	122	432
Craft, O. D. (See Bailey, William E., assignor.)						
Craft, Owen B., Hawthorn, assignor of one-half to J. A. F. Hoy, Clarion, Pa. Spike-puller.....	821,404	May 22	4872	1033	122	1263
Craft, William E., assignor of one-fifth to W. H. Larmore, Anderson, Ind. Price-scale.....	823,397	June 12	2347	493	122	2287
Crafton, Bernard. (See Nilsen, Ernst A., assignor.)						
Crafton, N. C. (See Chapman, John J., assignor.)						
Cragin, Samuel N., Akron, Ohio. Garment-hanger.....	818,748	Apr. 24	4423	946	121	2489
Craig, Alexander M., assignor to Rome Saddlery Hardware Manufacturing Company, Rome, N. Y. Flexible metal hame-tug.....	823,158	June 12	1871	386	122	2183
Craig, Alexander M., assignor to Rome Saddlery Hardware Manufacturing Company, Rome, N. Y. Trace-carrier.....	823,159	June 12	1871	387	122	2183
Craig, Allen, and E. Double, Los Angeles, Cal. Well-drilling apparatus.....	811,905	Feb. 6	715	155-6	120	1636
Craig, Benjamin F., Downingtown, Pa. Milk-cooler.....	828,716	Aug. 14	2051	432	123	2209
Craig, Charles H., Jr., Wrentham, assignor to American Steam Gauge & Valve Manufacturing Company, Boston, Mass. Gage-testing apparatus.....	821,988	May 29	6010	1282	122	1570
Craig, David, Melrose, Mass. Manhole construction.....	835,012	Nov. 6	269	59	125	70
Craig, Edward. (See Ray and Craig.)						
Craig, Edward, assignor, by mesne assignments, to W. F. Benning, E. Shepherd, E. Craig, and W. H. Ray, St. Joseph, Mich. Machine for making baskets.....	828,842	Aug. 14	2288	488-9	123	2271
Craig, James, and R. E. Rowan, Parnassus, Pa. Apparatus for flattening glass.....	810,723	Jan. 23	4303	894	120	1062
Craig, James A., Toronto, Ontario, assignor to S. E. Fleming, Sault Ste. Marie, Canada. Lubricator for motor-bearings.....	839,554	Dec. 25	4517	963	125	2599
Craig, John E. (See Hurt and Craig.)						
Craig, Robert M., Dennison, Ohio. Denture.....	830,887	Sept. 11	1992	419	124	533
Craighill, George P., and G. A. Kerr, assignors to M. C. Manson, Jr., Lynchburg, Va. Treating wood for the production of paper-pulp, terpenes, and resinous substances.....	817,960	Apr. 17	2825		121	2091
Craley, Edmund P., McKeesport, Pa. Wheel-guard.....	826,768	July 24	4249	883	123	1123
Cram, Alonzo W., Haverhill, Mass. Pipe connection.....	834,362	Oct. 30	4961	1051	124	2602
Cram, George M. (See Dickson, Charles H., assignor.)						
Cram, Walter W., Sheldon, Iowa. Decoy.....	811,036	Jan. 30	4939	1031	120	1234
Cramberg, George G. (See Yeocum and Cramberg.)						
Cramblit, Eli B., Ames, Iowa. Bottle-filling machine.....	832,298	Oct. 2	566	107-8	124	1350
Cramer, Charles W., and H. C. Haak, Scranton, Pa. Motor.....	810,396	Jan. 23	3671	756-7	120	919
Cramer, Charles W., and H. C. Haak, Scranton, Pa. Washing-machine.....	829,631	Aug. 28	3983	842-3	123	2771
Cramer, George, Butler, Ohio. Brooder.....	834,450	Oct. 30	5122	1087-8	124	2642
Cramer, George J., Chamois, Mo. Mail-crane.....	835,404	Nov. 6	1070	229	125	270
Cramer, Howard, Newberry, assignor of one-half to C. H. Knapp and N. B. Wright, Williamsport, Pa. Railway-rail joint.....	816,533	Mar. 27	5190	1101	121	1286
Cramer, John, assignor of one-half to T. Feist, Lima, Ohio. Curtain-fixture.....	813,865	Feb. 27	4686	1036	120	2652
Cramer, John, assignor of one-half to G. Grassmuck, St. Louis, Mo. Combination back-band loop.....	826,316	July 17	3295	681	123	866
Cramer, Judson M. (See Goresline and Cramer.)						
Cramer, Richard R., assignor of one-half to J. F. Knepper, Marion, Ind. Burial-casket.....	823,035	June 12	1612	334	122	2129
Cramer, Stuart W., Charlotte, N. C. Automatic indicating and regulating hygrometer.....	809,672	Jan. 9	2161	447	120	507
Cramer, Stuart W., Charlotte, N. C. Hygrometer for regulating humidifying and heating systems.....	811,383	Jan. 30	5617	1175-6	120	1379
Cramer, Stuart W., Charlotte, N. C. Electrically-controlled regulating-valve for humidifying and heating systems.....	813,083	Feb. 20	3121	684	120	2257
Cramer, Stuart W., Charlotte, N. C. Humidifying and ventilating apparatus.....	821,989	May 29	6012	1282	122	1570
Cramer, Stuart W., Charlotte, N. C. Dyeing apparatus.....	835,813	Nov. 13	1816	390	125	510
Crampton, Jeremiah, Durban, Natal. Building-block.....	828,930	Aug. 21	2482	526	123	2351
Crandall, Chauncey D., St. Louis, Mo. Barrel.....	825,878	July 10	2454	512	123	644
Crandall Construction Co. (See Crandall, Lucien S., assignor.)						
Crandall, Jesse A., New York, N. Y. Combined oscillator, go-cart, sled, and step-ladder.....	828,197	Aug. 7	997	208	120	1915
Crandall, Lucien S., assignor to Crandall Construction Co., Brooklyn, N. Y. Mechanical calculator and recorder.....	813,281	Feb. 20	3503	773-4	120	2337
Crandall, Nathan W., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Valve for door-checks.....	811,830	Feb. 6	549	121	120	1602
Crandall, Nathan W., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	812,828	Feb. 20	2617	573	120	2145
Crandall, Nathan W., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Door-check and closer.....	812,829	Feb. 20	2620	573-4	120	2146
Crandall, Nathan W., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Door-check.....	815,579	Mar. 20	3203	673-4	121	805
Crandall, Nathan W., assignor to Perkins Corporation, Hartford, Conn. Electric-switch base.....	838,171	Dec. 11	1809	388	125	1849
Crane & Breed Manufacturing Company. (See Blesch, Charles, assignor.)						
Crane, Charles E., Seattle, Wash. Automatic recording ice-scale.....	809,429	Jan. 9	1673	343-4	120	400
Crane, Chauncey C., Housatonic, Mass. Shuttle-motion for looms.....	837,198	Nov. 27	4605	977	125	1268
Crane, Clarence A., Warren, Ohio. Sprinkler.....	818,938	Apr. 24	4775	1026	121	2564
Crane Company. (See Doolittle, William W., assignor.)						
Crane Company. (See Hayden, George W., assignor.)						
Crane Company. (See Hayden, James T., assignor.)						
Crane Company. (See Koester, Henry, assignor.)						
Crane Company. (See Lloyd, William H., assignor.)						
Crane Company. (See Rollins, John E., assignor.)						
Crane Company. (See Wood, Thomas C., assignor.)						
Crane, Daniel, assignor to Wickes Bros., Saginaw, Mich. Detachable feed-roll.....	838,771	Dec. 18	2962	638	125	2174
Crane, Daniel, assignor to Wickes Bros., Saginaw, Mich. Holding-down rolls for saw-mills.....	838,772	Dec. 18	2963	638-9	125	2174
Crane, Edward F., Newark, N. J. Reinforcing-bar for cementitious bodies.....	820,704	May 15	3385	724	122	871
Crane, Edward W., Dalton, assignor of one-half to R. L. Parks, Russell, Mass. Umbrella.....	815,797	Mar. 20	3680	776	121	908
Crane, Francis J., Denver, Colo. Treating ores.....	827,620	July 31	6070	1259	123	1593
Crane, Frank, et al. (See Hartsough, D. Maurice, assignor.)						
Crane, George W., Veedersburg, Ind. Shredder-feeder.....	808,972	Jan. 2	704	152-3	120	155
Crane, George W., Veedersburg, Ind. Dumping-wagon.....	808,973	Jan. 2	706	153	120	155
Crane, George W., Veedersburg, Ind. Shredder-feeder.....	815,408	Mar. 20	2900	602	121	739
Crane, Henry M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Electromagnetic locking-switch.....	828,090	Aug. 7	810	167	123	1871
Crane, Henry M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Dash-pot.....	828,091	Aug. 7	811	167-8	123	1871
Crane, James D., Aledo, Tex. Separator.....	810,625	Jan. 23	4135	854	120	1024
Crane, James P., Chicago, Ill. Stopper for bottles, &c.....	815,940	Mar. 27	3966	840	121	1021

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page
Crane, John P., Millbury, assignor to Draper Company, Hopedale, Mass. Spinning or twisting ring.	814,189	Mar. 6	361	74	121	79
Crane, Lauren E., and T. H. Bly, Minneapolis, Minn. Smoke-ejector.	827,789	Aug. 7	210	41	123	1723
Crane, Newton, assignor to Newton Crane Gas Engine Company, Boston, Mass. Gas-engine.	808,902	Jan. 2	559	123-4	120	122
Crane, Richard T., Chicago, Ill. Pipe-joint.	826,146	July 17	2970	617	123	787
Crane, Stacy E., New Orleans, La. Adjustable mirror-holder.	838,953	Dec. 18	3284	710	125	2250
Crane, Thomas, East Branch, and J. M. Wheeler, Fishs Eddy, N. Y. Rail-joint.	831,836	Sept. 23	3895	817	124	1078
Crane, Thomas S., Orange, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Flexible roll for roller-bearings.	828,387	Aug. 14	1396	295	123	2042
Cranford, Charles E., and S. J. Hinton, Ora, Miss. Rail-joint fastener.	824,909	July 3	468	92	123	124
Cranmer, Clyde C., Athens, Ohio. Miner's drill.	816,562	Apr. 3	17	5	121	1358
Cranmer, Clyde C., Athens, Ohio. Miner's drill.	816,563	Apr. 3	18	5	121	1358
Cranmer, Joseph C. H., Greenville, Mich. Horseshoe-calk.	822,827	June 5	1183	243	122	1987
Cranmell, Charles W., Rocky Ford, Colo., assignor to American Nail-Less Horse Shoe Company. Nailless horseshoe.	817,625	Apr. 10	2130	451	121	1880
Cranmer, Bjarne, Kongsberg, Norway. Apparatus for sorting or separating coins.	812,327	Feb. 13	1649	363	120	1901
Cranston, Albert E., Pollock, S. D. Hay-rack.	817,626	Apr. 10	2134	452	121	1881
Cranston, Otto G., Wewoka, Ind. Ter. Shaft attachment for looms.	837,199	Nov. 27	4606	978	125	1269
Cranston, William M., and C. C. Huling, assignors to V. Clad & Sons, Philadelphia, Pa. Confectioner's machine.	832,241	Oct. 2	460	85	124	1324
Crapp, Thomas S., assignor of one-half to R. C. Finch, Indianapolis, Ind. Card-displaying apparatus.	814,588	Mar. 6	1172	245-6	121	254
Crapper, Ebenezer, Akron, Ohio. Savings-bank.	824,253	June 26	3966	850	122	2756
Crary, Thomas F., Middletown, Ohio. Construction of rain-water cut-offs.	832,040	Oct. 2	29	7	124	1219
Crate, Walter W., Camden, N. J. Dental articulator.	824,096	June 26	3700	788-9	122	2698
Crater, Fordham, assignor to himself and T. B. Allison, Parsons, Kans. Truss.	834,712	Oct. 30	5645	1198	124	2776
Craven, Austin O., Providence, R. I. Combined comb case and cleaner.	815,798	Mar. 20	3682	776	121	908
Craven Brothers. (See Milev, John, assignor.)						
Cravens, George W., Schenectady, N. Y., assignor to General Electric Company. Liquid-rheostat.	832,720	Oct. 9	1417	286	124	1594
Cravens, Graham H., De Queen, Ark. Apparatus for raising the superstructure of and ballasting railway road-beds.	816,076	Mar. 27	4258	903	121	1086
Craver, Albert L., Linwood, N. C. Brake.	815,514	Mar. 20	3082	642	121	779
Craw, George R., assignor to Radiumite Company, Chicago, Ill. Honing-strop.	827,684	July 31	6225	1292	123	1636
Craw, William N. (See Austin and Craw.)						
Crawford, Albert N., Allegheny, Pa. Chalk-line holder.	833,920	Oct. 23	3912	829	124	2300
Crawford, Alexander. (See Hauver, Alfred N., assignor.)						
Crawford, Alexander W., Girard, Ill. Screen-plate.	831,936	Sept. 25	4121	859	124	1134
Crawford, Charles W., Brazil, Ind. Valve-gear for steam-engines.	833,582	Oct. 16	3181	675-6	124	2075
Crawford, Charles W., Brazil, Ind. Valve-gear for steam-engines.	833,583	Oct. 16	3184	676	124	2075
Crawford, Charles W., Heidenheimer, Tex. Cotton cleaner and feeder.	834,661	Oct. 30	5544	1176-7	124	2750
Crawford, Edward M., Cleveland, Ohio. Ball drapery.	822,431	June 5	384	80	122	1808
Crawford, George, New York, N. Y. Horseshoe.	824,977	July 3	605	121	123	160
Crawford, Hezekiah H., El Paso, Tex. Lock-nut.	812,185	Feb. 13	1364	296	120	1837
Crawford, Hezekiah H., El Paso, Tex. Rail-joint chair.	817,161	Apr. 10	1214	251	121	1690
Crawford, Hezekiah H., El Paso, Tex. Harness.	832,596	Oct. 9	1163	232-3	124	1535
Crawford, James, Boston, assignor to G. E. Nichols, Somerville, Mass. Pipe-hanger.	823,108	June 12	1774	366	122	2162
Crawford, James B., and E. M. Sinclair, assignors to Union Gas Company, Sioux City, Iowa. Gas generator and mixer.	819,731	May 8	1384	298	122	370
Crawford, James J., assignor to Eureka Briquette Company, Oakland, Cal. Briquet-press.	823,263	June 12	2110	439-40	122	2238
Crawford, John, Seattle, Wash. Fuel-feeding apparatus.	831,145	Sept. 18	2520	531-2	124	687
Crawford, John G., La Grange, assignor to Western Electric Company, Chicago, Ill. Electric-motor support.	828,092	Aug. 7	814	168	123	1872
Crawford, John M., Crawford, Oreg. Portable wire fence.	829,993	June 19	3523	752	122	2603
Crawford, John W., Moundsville, W. Va. Rake.	828,970	Aug. 21	3410	718-19	123	2583
Crawford, Lowellyn U., Kansas City, Mo. Knife.	822,432	June 5	385	80	122	1809
Crawford, Lundy O., Pendleton, assignor of one-half to J. F. Wagner, Anderson, Ind. Lubricator.	810,844	Jan. 23	4523	941	120	1108
Crawford, Lyter H., Philadelphia, Pa. Dental instrument.	827,507	July 31	5838	1209	123	1533
Crawford, Lyter H., Dallas, Tex. Dental swaging apparatus.	827,508	July 31	5839	1210	123	1534
Crawford, Lyter H., New York, N. Y. Dental bite-taker.	833,204	Oct. 16	2401	503	124	1884
Crawford-McGregor & Canby Company. (See Kyser and McGowan, assignors.)						
Crawford-McGregor & Canby Company. (See Shanisey, Frederick J., Sr., assignor.)						
Crawford, Ronald, Stamford, Conn. Sectional oven.	836,245	Nov. 20	2682	569-70	125	763
Crawford, Samuel E., Avalon, Pa. Gas-meter.	814,359	Mar. 6	730	148	121	161
Crawford, Sherman L., Hoquiam, Wash. Railway-train-stopping device.	810,916	Jan. 30	4711	983	120	1184
Crawford, William H., Dugger, Ind. Flower stand or support.	809,782	Jan. 9	2357	487	120	551
Crawford, William O., Beaver Creek, Minn. Machine for loading shocks.	816,077	Mar. 27	4262	903	121	1087
Crawford, Wm. Gordon. (See Burnham, Arthur M., assignor.)	822,653	June 5	848	173	122	1915
Crawford, Wm. Gordon. (See Simmons, James L., assignor.)						
Crawley Book Machinery Company. (See Ritchie, George, assignor.)						
Cray, James, Champaign, Ill. Spraying-glove.	836,181	Nov. 20	2536	533	125	727
Creal, Ransom D., Singer, La. Railway-rail joint.	819,732	May 8	1386	298	122	370
Creamery Package Manufacturing Company. (See Valerius, Theodore L., assignor.)						
Creelius, Louis J., St. Louis, Mo. Treating the surface of metals.	831,937	Sept. 25	4122		124	1134
Creelius, Theodore E., assignor, by mesne assignments, to Woodhouse Hardware Manufacturing Company, St. Louis, Mo. Combined hasp and hook.	822,189	May 29	6402	1359	122	1660
Creedon, Henry C., Toledo, Ohio. Support for bed-bottoms.	831,146	Sept. 18	2524	532	124	688
Creedon, Henry C., Toledo, Ohio, assignor to Mebane Bedding Co., Mebane, N. C. Bed-spring lock.	839,271	Dec. 25	3953	849	125	2462
Creedon, John J., Moline, Ill. Buckle.	811,548	Feb. 6	23	6	120	1490
Creedon, John J., Moline, Ill. Harness.	813,543	Feb. 27	4053	888	120	2517
Creel, Seth W., et al. (See Caughey, Albert E., assignor.)						
Creedy, Edward F., Chicago, Ill. Trolley for electric railways.	821,611	May 29	5272	1124-5	122	1406
Crehore, Albert C., Tarrytown, N. Y., and G. O. Squier, Washington, D. C., assignors to Crehore-Squier Intelligence Transmission Company, Cleveland, Ohio. Telegraph-transmitter.	823,206	June 12	1978	412-13	122	2209
Crehore-Squier Intelligence Transmission Company. (See Crehore and Squier, assignors.)						
Creighton, Peter L., Harrisville, R. I. Weighing and sacking machine.	819,860	May 8	1644	350	122	432
Creighton, Walter C., and C. M. Banker, Iliou, N. Y. Piano attachment.	811,279	Jan. 30	5424	1130-1	120	1338
Crenshaw, John T., Dermott, Ark. Measuring device.	830,211	Sept. 4	636	128	124	162
Crenshaw, William, Atlanta, Ga. Dental matrix.	812,328	Feb. 13	1651	363	120	1902

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prin.	Vol.	Page.
Crepé, Edouard, and L. Fremaux, Brussels, Belgium. Combing and drawing machine.	812,550	Feb. 13	2095	459-60	120	1993
Creque, Allen P., deceased; E. De Camp and F. P. Caulfield, Newark, N. J., executors. Lavatory-fixture.	812,832	Feb. 20	2624	574-5	120	2147
Crescent Forgings Company. (See Chase, Herbert C., assignor.)						
Crescent Rotary Engine Company. (See Call, Hubert L., assignor.)						
Crespin, Lucien, Paris, France. Manufacture of artificial silk.	820,351	May 8	2681	585	122	660
Cress, Reuben W., Jessup, Ind. Railway-crossing.	822,828	June 5	1184	243	122	1987
Cress, William H., Philadelphia, Pa. Motor-cycle.	833,584	Oct. 16	3187	677	124	2076
Cressman, Krauth H. (See Van Every, Gordon E., assignor.)						
Cresson Co., Geo. V. (See Stacks, Howard R., assignor.)						
Creveling, John L., Cronly, N. C. System of electrical regulation.	835,487	Nov. 6	1209	261-2	125	303
Creveling, John L., New York, N. Y., assignor to Safety Car Heating & Lighting Company. Fan and motor for operating the same by compressed air.	827,509	July 31	5841	1210	123	1534
Creveling, John L., New York, N. Y., assignor to Safety Car Heating & Lighting Company. Pneumatic fan.	835,782	Nov. 13	1781	378	125	494
Creveling, William C., St. Louis, Mo. Danger-signal.	811,037	Jan. 30	4940	1031	120	1234
Cribbs, Charles A., and H. E. McCoy, Vandergrift, Pa. Window-fixture.	810,469	Jan. 23	3824	785	120	956
Crichfield, George W., Jersey City, N. J., assignor of one-half to W. T. S. Crichfield, New York, N. Y. Plastic-block machine.	819,005	Apr. 24	4901	1052-3	121	2591
Crichfield, William T. S. (See Crichfield, George W., assignor.)						
Crigler, Albert W., Forest Hill, Ind. Gate.	827,423	July 31	5619	1162	123	1479
Crimi, Frank, Holyoke, Mass. Hat-retaining device.	833,585	Oct. 16	3189	677	124	2077
Crimp, Harvey M., Strzelecki, Victoria, Australia. Egg-beater.	831,538	Sept. 25	3286	691	124	916
Crippen, Henry M., Ballston Spa, assignor to Max Huncke Chemical Co., Brooklyn, N. Y. Embalming-catheter.	812,020	Feb. 6	995	218	120	1691
Crippen, Walter, New York, N. Y., assignor to Wilcox & White Company, Meriden, Conn. Autoneumatic musical instrument.	808,903	Jan. 2	564	124-5	120	124
Crippen, Walter R., assignor to Emerson Piano Company, Boston, Mass. Roll mechanism for automatic players.	837,610	Dec. 4	669	154	125	1521
Criqui, Charles A., Buffalo, N. Y. Door-releasing apparatus.	819,208	May 1	349	75	122	84
Crisler, Joseph L., Perth, Kans. Harrow attachment for plows.	819,733	May 8	1386	298-9	122	370
Crisler, Joseph L., Perth, Kans. Harrow attachment for plows.	819,861	May 8	1645	351	122	432
Crisp, Albert V. (See Layfield and Crisp.)						
Crisp, William N., Baltimore, Md. Trace-fastener.	819,981	May 8	1927	426	122	490
Crisp, William N., Baltimore, Md. Rubber-eraser protector.	829,327	Aug. 21	3318	698	123	2562
Crist Valve Mfg. Co. (See Crist, William E., assignor.)						
Crist, William E., New York, assignor to Crist Valve Mfg. Co., Chittenango, N. Y. Gate-valve.	819,411	May 1	761	162	122	172
Criste, James R., Braddock, Pa. Toy.	820,182	May 8	2363	513	122	588
Critcher, Leona J., Chicago, Ill. Undergarment.	828,463	Aug. 14	1554	329	123	2083
Critchfield, Alpheus B., Montpelier, Ohio. Fence-tie.	834,662	Oct. 30	5547	1177	124	2750
Critchley, William J. (See Beardslee and Critchley.)						
Crites, Joseph W., and J. J. Wine, assignors of one-half to C. L. Woods and J. W. Glass, Independence, Kans. Self-feeding match-box and cigar-cutter.	823,036	June 12	1612	334	122	2129
Croasdale, John P., Berwyn, assignor to F. A. Freeman, Philadelphia, Pa. Garment-clasp.	821,466	May 22	4992	1061	122	1290
Croasdale, Robert, Syracuse, N. Y. Split bushing.	819,982	May 8	1928	426	122	490
Crochet, Albert. (See Buquet and Crochet.)						
Crocker, Allen S., Rochester, N. Y., assignor to L. Elkus, Indianapolis, Ind. Hydrator.	836,066	Nov. 13	2271	485	125	609
Crocker, Eben C., Bridgeport, Conn., assignor, by mesne assignments, to H. A. Moses, Mittineague, Mass. Driving mechanism for paper-refining engines.	823,109	June 12	1776	366	122	2162
Crocker, Eben C., Bridgeport, Conn., assignor, by mesne assignments, to H. A. Moses, Mittineague, Mass. Driving mechanism for paper-refining engines.	824,910	July 3	469	92	123	125
Crocker, Eben C., Sandusky, Ohio, assignor to H. A. Moses, Mittineague, Mass. Refining-engine.	834,713	Oct. 30	5646	1198	124	2776
Crocker, Ernest B., Boston, Mass. Window-screen.	839,732	Dec. 25	4879	1043	125	2687
Crocker, Eugene B., Pawtucket, R. I. Spool or reel.	822,433	June 5	386	80	122	1809
Crocker, Frank L., Chicago, Ill. Flash-light screen.	820,476	May 15	2943	637	122	777
Crocker-Wheeler Company. (See Dunn, Gano S., assignor.)						
Crocker-Wheeler Company. (See Knoener, Hermann A., assignor.)						
Crockett, Leroy M. (See Counselman and Crockett.)						
Crofford, Ada C., Newcastle, Wyo. Signal attachment for life-preservers.	827,350	July 31	5434	1129	123	1436
Croft, Willard B., Medina, Ohio. Lock-hinge.	821,861	May 29	5766	1227	122	1516
Crombie, Herbert S., Woburn, Mass. Union-coupling.	812,642	Feb. 13	2263	492	120	2025
Crommett, Herbert A., Patten, Me. Sash-balance.	809,783	Jan. 9	2360	487	120	551
Crompton, Edwin C., Brantford, Ontario, Canada. Display-stand for collars, ties, stocks, &c.	831,147	Sept. 18	2525	532	124	689
Crompton, George, et al. (See Crompton, Randolph, assignor.)						
Crompton & Knowles Loom Works. (See Baker, Harry G., assignor.)						
Crompton & Knowles Loom Works. (See Cowan, Arthur S., assignor.)						
Crompton & Knowles Loom Works. (See Gordon, Albert A., Jr., assignor.)						
Crompton & Knowles Loom Works. (See Hollingworth, Edward, assignor.)						
Crompton & Knowles Loom Works. (See Lowe, Walter V., assignor.)						
Crompton & Knowles Loom Works. (See McGuiness, Benjamin F., assignor.)						
Crompton & Knowles Loom Works. (See Ott, Frederick, assignor.)						
Crompton & Knowles Loom Works. (See Ryon, Eppa H., assignor.)						
Crompton & Knowles Loom Works. (See Walsh, Thomas P., assignor.)						
Crompton & Knowles Loom Works. (See Wattie, William, assignor.)						
Crompton & Knowles Loom Works. (See Whitmore, Fred A., assignor.)						
Crompton & Knowles Loom Works. (See Wyman and Cyr, assignors.)						
Crompton, Randolph, Worcester, Mass. Harness mechanism for looms.	809,933	Jan. 16	2648	547	120	667
Crompton, Randolph, assignor to R. and G. Crompton, E. D. Thayer, and W. B. Scofield, Worcester, Mass. Brake mechanism for looms.	816,534	Mar. 27	5192	1101	121	1286
Crompton, Randolph, assignor to R. and G. Crompton, E. D. Thayer, and W. B. Scofield, Worcester, Mass. Shed-forming mechanism for looms.	816,535	Mar. 27	5193	1102	121	1286
Crompton, Randolph, and J. R. Fitton, assignors to Crompton-Thayer Loom Company, Worcester, Mass. Shuttle-box-operating mechanism for looms.	837,284	Dec. 4	25	9-10	125	1361
Crompton-Thayer Loom Company. (See Crompton and Fitton, assignors.)						
Crompton-Thayer Loom Company. (See Fitton, John R., assignor.)						
Crompton-Thayer Loom Company. (See O'Reilly, Anthony J., assignor.)						
Cromwell, Clarence C., New Orleans, and F. T. Maxwell, Baton Rouge, La. Recovery of sugar from bagasse.	828,198	Aug. 7	1000	208	123	1916
Cromwell, John C., Cleveland, Ohio. Driving mechanism.	814,023	Mar. 6	46	9	121	12
Cromwell, John C., Cleveland, Ohio. Bearing.	837,262	Nov. 27	4734	1002	125	1300
Cromwell, John C., Cleveland, Ohio, assignor to Garrett-Cromwell Engineering Company. Shear-table.	810,845	Jan. 23	4524	942	120	1109
Cromwell, John C., assignor to Garrett-Cromwell Engineering Company, Cleveland, Ohio. Tilting furnace.	823,669	June 19	2914	616	122	2471

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Cromwell, Joseph W., McBain, Mich. Saw-table gage.	832,721	Oct. 9	1419	286	124	1594
Crone, Francis G., Buffalo, N. Y. Valve-dresser.	836,487	Nov. 20	3151	669	125	876
Crone, Seth A., New York, N. Y. Brake-beam for railway-cars.	819,734	May 8	1388	299	122	371
Crone, Seth A., New York, N. Y. Brake-beam for railway-cars.	832,597	Oct. 9	1165	233	124	1536
Crone, Seth A., New York, N. Y. Brake-beam for railway-cars.	832,598	Oct. 9	1166	233	124	1536
Crone, Seth A., New York, N. Y. Brake-beam for electric and other cars.	832,599	Oct. 9	1168	233	124	1536
Crone, Seth A., New York, N. Y. Railway-car brake.	838,773	Dec. 18	2968	639	125	2175
Crone, Seth A., New York, N. Y. Railway-car brake.	838,774	Dec. 18	2971	640	125	2176
Crone, Seth A., New York, N. Y. Railway-car brake.	838,775	Dec. 18	2973	640-1	125	2177
Crone, Seth A., New York, N. Y. Brake-beam for railway and other cars.	838,776	Dec. 18	2975	641	125	2177
Cronmeyer, Ernest L. Monessen, assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Branner-feeding mechanism.	832,537	Oct. 2	1032	207	124	1461
Cronin, Alexander E. (See Barnes and Cronin.)						
Cronin, Daniel J., New York, assignor to J. R. Clancy, Syracuse, N. Y. Scenery-cleat.	838,848	Dec. 18	3104	668	125	2209
Cronin, Jeremiah, New York, N. Y. Dumping-vehicle.	810,264	Jan. 16	3353	694	120	814
Cronin, Thomas, Marietta, Ohio. Nut-lock.	828,019	Aug. 7	661	135	123	1834
Cronk & Carrier Manufacturing Company. (See Cronk, William, assignor.)						
Cronk, William, Montour Falls, assignor to Cronk & Carrier Manufacturing Company, Elmhurst, N. Y. Pruning-shears.	834,564	Oct. 30	5330	1132	124	2695
Cronk, William W., Mount Kisco, N. Y. Fruit-jar opener.	830,888	Sept. 11	1994	419	124	533
Cronkhite, James E., Hitchcock, Okla. Ter. Tongue-support.	822,434	June 5	589	81	122	1809
Cronkhite, Roy K., Bay City, Mich., and W. C. Offer, Miami, Fla. Stone-quarrying machine.	829,508	Aug. 28	3723	790-1	123	2707
Cronstedt, Elias. (See Furr, Ole O., assignor.)						
Cronstedt, Elias, St. Paul, Minn. Hydrant.	812,407	Feb. 13	1805	395	120	1933
Crook, William J., Smoot, Wyo. Combined brush-rake and harrow.	837,450	Dec. 4	347	82	125	1442
Crookshank, George E., assignor of one-half to K. Crookshank, Indiana, Pa. Gas-regulator.	824,413	June 26	4327	921	122	2830
Crookshank, Kate. (See Crookshank, George E., assignor.)						
Cropper, John M., Blanchester, Ohio. Attachment for lamps.	823,160	June 12	1872	387	122	2183
Crosbie, Charles W., Sandhill Roarke, India, and A. Ward, Macclesfield, assignors to M. Cummins, Manchester, England. Automatic electromagnetic sanding-gear for use on electric railways and tramways, &c.	828,717	Aug. 14	2053	433	123	2210
Crosby, Charles E. (See McFarland and Crosby.)						
Crosby, Charles E., Gassoway, W. Va. Wire-stretcher.	810,724	Jan. 23	4307	895	120	1062
Crosby, George W. (See Franks, Daniel E., assignor.)						
Crosby, George W., Heber, Ark. Gate.	833,732	Oct. 23	3470	741	124	2188
Crosby, Jesse, et al. (See George, Edwin, assignor.)						
Crosby, Richard M., Tacoma, Wash. Bell-ringer.	810,725	Jan. 23	4308	895	120	1062
Crosby Steam Gage and Valve Company. (See Spencer, George, assignor.)						
Crosby Steam Gage and Valve Company. (See Wolfe, Frank L., assignor.)						
Croschier, Van Wyck A., San Francisco, Cal. Automatic animal-feeder.	811,038	Jan. 30	4943	1032	120	1235
Crosin, John C., Philadelphia, Pa. Corn-shock binder.	822,231	May 29	6476	1374	122	1678
Croskey, John H., assignor to Duquesne Glass Company, Pittsburg, Pa. Apparatus for manufacturing glass articles.	817,835	Apr. 17	2555	548-9	121	2030
Croskey, John H., assignor to Duquesne Glass Company, Pittsburg, Pa. Apparatus for manufacturing glass articles.	817,836	Apr. 17	2558	549	121	2030
Croskey, John H., assignor to Duquesne Glass Company, Pittsburg, Pa. Apparatus for manufacturing glass articles.	820,477	May 15	2946	637-8	122	777
Croskey, John H., assignor to Duquesne Glass Company, Pittsburg, Pa. Apparatus for manufacturing glass articles.	820,478	May 15	2948	638	122	778
Croskey, John H., assignor to Duquesne Glass Company, Pittsburg, Pa. Apparatus for manufacturing glass articles.	820,479	May 15	2950	639	122	779
Cross, Benjamin S., Lima, assignor of one-half to W. E. Garling, Degraff, Ohio. Ironing-table.	820,284	May 8	2571	558	122	635
Cross, Frank L., Mystic, Conn., assignor to Cross Paper Feeder Company, Boston, Mass. Sheet feeding machine.	812,260	Feb. 13	1506	330-2	120	1868
Cross, Frank L., Mystic, Conn., assignor to Cross Paper Feeder Company, Boston, Mass. Paper-cutting machine.	826,480	July 17	3610	751-2	123	943
Cross, Frank O., Kingman, Kans. Tag or check retainer.	824,911	July 3	471	92	123	125
Cross, Harry, Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Typewriter.	837,611	Dec. 4	671	154-5	125	1522
Cross, Harry, and G. J. Griffiths, Woodstock, assignors to Oliver Typewriter Company, Chicago, Ill. Type-writer.	834,565	Oct. 30	5332	1132-3	124	2696
Cross, James W., London, England. Oil-engine.	820,285	May 8	2572	558-9	122	635
Cross, Jephtha J., and M. E. Peterson, assignors to B. L. Winslow and J. La Riviere, Evanston, Wyo. Device for repairing car-couplings.	824,912	July 3	472	92	123	125
Cross Paper Feeder Company. (See Cross, Frank L., assignor.)						
Cross, Theodore, Washington, Ind. Mail-bag receiving and delivering apparatus.	809,430	Jan. 9	1677	344	120	401
Crosse, Alice J., Paris, France. Cannon for acrobatic performances.	826,019	July 17	2727	565	123	729
Crosser, David H., Cleveland, Ohio. Garment-supporter.	815,906	Mar. 20	3907	827	121	956
Crossin, John Ava, Ill. Hog-trough.	817,627	Apr. 10	2137	452	121	1881
Crossland, Isaac N., New Florence, Pa. Nut-lock.	826,710	July 24	4139	860	123	1099
Crossland, Mortimer L., et al. (See Barry, Jefferson D., assignor.)						
Crossley, Arthur M. (See Whyte and Crossley.)						
Crossley, Francis M., Dayton, Ohio. Combination rail and tie fastener.	808,904	Jan. 2	567	125	120	124
Crossley, William, West Haven, Conn. Elevator mechanism.	808,637	Jan. 2	35	8	120	10
Crossley, William, West Haven, Conn. Conveyor-scoop.	810,917	Jan. 30	4713	983	120	1184
Crossman, Martin R., Boston, Mass. Fountain-pen.	810,327	Jan. 16	3482	720	120	843
Croston, Thomas, Hoquiam, Wash. Rotary engine.	832,848	Oct. 9	1675	345	124	1655
Crotchett, Alonzo, Iola, Kans. Fender-support.	833,027	Oct. 9	2017	424	124	1737
Crotty, Patrick F., et al. (See Partrick, Minot S., assignor.)						
Crouan, Henry, Clichy, France. Regulator for gas and petroleum motors.	818,612	Apr. 24	4139	889-90	121	2426
Crouch, Frances, New York, N. Y. Book-mark.	838,386	Dec. 11	2228	482	125	1950
Crouch, Frank J., assignor to J. Hoey, San Francisco, Cal. Automatic locking and releasing device for couches.	835,179	Nov. 6	610	125	125	155
Crouch, Frank J., assignor to J. Hoey, San Francisco, Cal. Couch.	839,118	Dec. 25	3639	785	125	2385
Croudace, George L., Balmmain, near Sydney, New South Wales, Australia. Manufacture of coal briquets.	828,999	Aug. 21	2614		123	2382
Crouse, Alexander E., and F. B. Orton, Woods county, Okla. Ter. Evener and double-tree carrier.	838,847	Dec. 18	3105	668-9	125	2210
Crouse, Alonzo S. (See Crouse, Randolph R., assignor.)						
Crouse, George S., Great Falls, Mont. Rake construction for McDougall furnaces.	825,519	July 10	1718	361	123	462
Crouse, Huntington B., Syracuse, N. Y. Insulator.	813,353	Feb. 20	3661	802	120	2369
Crouse, John H. (See Hamilton, Miles E., assignor.)						
Crouse, Randolph R., assignor of one-third to A. S. Crouse, Bellaire, Ohio. Nut-wrench.	838,086	Dec. 11	1626	350	125	1803
Crover, Ralph, Springfield, Mo. Polishing-brush.	834,363	Oct. 30	4962	1051	124	2603

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Orig.	Vol.	Page.
Crow, Anderson G., Murphysboro, Ill. Cement pole.....	839,272	Dec. 25	3354	849	125	2462
Crow, Elmette C., assignor of one-half to A. B. McClure, Allegheny, Pa. Advertising device.....	813,354	Feb. 20	3663	803	120	2370
Crow, Herbert M., Oakdale, Cal. Lift-pump.....	816,965	Apr. 3	840	172	121	1544
Crowder, Reginald P., and R. B. Wheeler, Bethany, Ill. Trap-nest.....	837,285	Dec. 4	28	10	125	1361
Crowe, Frederick C., assignor to Crowe Name Plate & Engraving Company, Chicago, Ill. Machine for making metal tags.....	820,183	May 8	2364	514	122	588
Crowe Name Plate & Engraving Company. (See Crowe, Frederick C., assignor.)						
Crowe, Samuel L., assignor of one-half to L. Faulkner, Seymour, Ind. Planing-machine.....	834,970	Nov. 6	169	35	125	46
Crowell, Charles S., Tacoma, Wash. Depositor's ledger and daily balance.....	831,539	Sept. 25	3287	692	124	917
Crowell, Guy E., Mason City, Iowa. Drive-gearing for manure-spreaders.....	823,846	June 19	3238	685	122	2541
Crowell, Henry M., Maplewood, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling-machine.....	829,573	Aug. 28	3855	818	123	2741
Crowell, John G. (See McGill and Crowell.)						
Crowell, Luther C., Brooklyn, assignor to R. Hoe and C. W. Carpenter, New York, N. Y. Web-printing machine.....	836,669	Nov. 27	3526	752-3	125	1001
Crowell, Warner R., Boston, Mass., and N. B. Varina, Aurora, Ill. Composition for filled brake-shoes and manufacture.....	820,705	May 15	3386		122	871
Crowley, Benjamin C., Idaho Falls, Idaho. Doubletree.....	832,777	Oct. 9	1534		124	1621
Crowley, Benjamin C., Idaho Falls, Idaho. Weir.....	834,267	Oct. 30	4784	1012	124	2558
Crowley, Daniel M., <i>et al.</i> (See Desy, Irene, assignor.)						
Crowley, John F., assignor of three-fourths to M. Pauli, Milwaukee, Wis. Explosive-engine.....	820,626	May 15	3233	695-6	122	840
Crowley, John H., Duluth, Minn. Railway-track gage and brace.....	811,384	Jan. 30	5619	1176	120	1380
Crown Cork and Seal Co. (See Gillette, George H., assignor.)						
Crown Cork & Seal Co. (See Lindsay, William E., assignor.)						
Crown Cork and Seal Company. (See Mack, Ernest U., assignor.)						
Crown Cork and Seal Company. (See Wood, William C., assignor.)						
Crowson, Jno. J., <i>et al.</i> (See Baker, Horace A., assignor.)						
Crowson, John J. (See Baker, Horace A., assignor.)						
Crowson, John J., Pecan Gap, Tex. Animal-trap.....	827,215	July 31	5182	1075-6	123	1375
Crowson, Jonas H., Linden, Tex. Fish-trap.....	832,778	Oct. 9	1535	313	124	1621
Crowson, Richard B., <i>et al.</i> (See Baker, Horace A., assignor.)						
Crowson, William L., Jackson, assignor of three-fourths to J. M., J. E., and R. Braun, Memphis, Tenn. Roller cotton-gin.....	824,414	June 26	4328	921-2	122	2830
Crowther, Joseph, Dallas, Oreg. Propeller.....	833,586	Oct. 16	3191	677	124	2077
Crowthier, Joseph D., and A. Sykes, Huddersfield, assignors to E. Hollingworth, Dobbross, England. Picking-motion for looms.....	810,191	Jan. 16	3187	661	120	780
Croxton, Herbert A., Massillon, Ohio. Apparatus for drying pipe-molds.....	826,147	July 17	2970	(17-18	123	787
Croxton, Herbert A., Massillon, Ohio. Controlling means for combustible gas mixtures.....	826,148	July 17	2972	618	123	788
Croy, Samuel L., Decatur, and E. L. Rhea, New Berlin, Ill. Refrigerator attachment for milk-cans.....	836,867	Nov. 27	3925	838	125	1105
Crozier, Carl, Bellingham, Wash. Veterinary operating-table.....	834,509	Oct. 30	5240	1112	124	2673
Crozier, John M., Minneapolis, Minn. Boiler-flue.....	829,509	Aug. 28	3728	792	123	2709
Crozier, Thomas T., Bellaire, Ohio. Oil and water separator.....	835,216	Nov. 6	682	140	125	173
Cruce, Lawrence W., Marion, Ky. Knife-sharpener support.....	819,735	May 8	1391	299	122	371
Cruchon, William N., Seattle, Wash. Feathering paddle-wheel.....	827,216	July 31	5184	1076	123	1376
Cruikshank, James, New York, N. Y. Fire-escape.....	835,180	Nov. 6	612	125	125	155
Cruise, Gerald, New York, N. Y. Melting apparatus.....	830,305	Sept. 4	823	168-9	124	206
Crull, Eugene S., Sedalia, Mo. Sheathing-lath.....	838,387	Dec. 11	2230	482	125	1950
Crumbley, Lula, Fort Worth, Tex. Bracing-garment.....	839,555	Dec. 25	4519	963	125	2600
Crumly, William A., Springfield, Ill. Well.....	834,268	Oct. 30	4785	1012	124	2558
Crumpp, Samuel, and G. Sague, Poughkeepsie, N. Y., assignors, by mesne assignments, to said Sague. Machine for cleaning or treating printers' rollers.....	826,834	July 24	4364	908-9	123	1156
Crumpp, Samuel, and G. Sague, Poughkeepsie, N. Y., assignors, by mesne assignments, to said Sague. Machine for cleaning or treating printers' rollers.....	826,835	July 24	4368	909-11	123	1157
Crumrine, Charles G., Detroit, Mich. Surgical instrument for amputation of the rectum.....	834,047	Oct. 23	4286	910	124	2386
Cruso, James V., assignor of one-half to T. J. Hinton, Newark, N. J. Phonograph attachment.....	829,848	Aug. 28	4428	935	123	2880
Cruchlow, William, Paterson, N. J. Knuckle-joint.....	837,200	Nov. 27	4607	978	125	1209
Cruz, Patricio, San Diego, Tex. Merry-go-round.....	832,459	Oct. 2	887	171	124	1425
Cubbage, David. (See Hamfeldt and Cubbage.)						
Cudd, Simeon S., Elzie, S. C. Combined fertilizer-distributor and cultivator.....	823,398	June 12	2348	493-4	122	2287
Cudell, Frank E., Cleveland, Ohio. Plan for numbering streets in irregular cities.....	811,385	Jan. 30	5620	1176	120	1380
Cue, William, Parker, S. D. Woven-wire stretcher.....	814,024	Mar. 6	48	9	121	13
Cuff, George, Poyette, Wis. Traction-engine.....	825,520	July 10	1719	361-2	123	462
Cuff, James M., assignor of two-thirds to M. Harris and M. R. Levy, Jersey City, N. J. Lock-strike.....	839,556	Dec. 25	4520	963	125	2600
Cuff, Michael R., Jersey City, N. J. Casting-mold.....	826,997	July 24	4675	974	123	1232
Cukier, Xavier, New York, N. Y. Disk-record holder.....	836,564	Nov. 20	3300	703	125	913
Culin, Walter C. (See Fisher and Culin.)						
Cullem, Aaron E., Pleasant Plains, Ark. Gate.....	823,037	June 12	1614	334	122	2129
Culler, James B., Belle Vernon, assignor of one-half to G. S. Bowes, Monessen, Pa. Valve.....	820,917	May 15	3861	822-3	122	978
Culley, John S., Louisville, Ky. Building construction.....	812,727	Feb. 13	2422	530	120	2057
Cullingworth, George R., Mount Vernon, N. Y. Portable traveling crane.....	824,342	June 26	4167	891	122	2798
Culliny, John V., Lebanon, Pa. Working rolled metals.....	809,934	Jan. 16	2649	547	120	667
Cullison, John P., Columbus, Ohio. Gage-cock.....	829,632	Aug. 28	3985	843	123	2772
Cullum, William E., <i>et al.</i> (See George, Edwin, assignor.)						
Culman, Carl, St. Louis, Mo. Jewel-setting cutter.....	834,457	Oct. 30	5139	1091	124	2647
Culmer, John W., Cleveland, Ohio. Computing-scale.....	815,684	Mar. 20	3419	714-15	121	854
Culmer, John W., Cleveland, Ohio. Computing-scale.....	816,714	Apr. 3	327	76	121	1432
Culmer, John W., Cleveland, Ohio. Computing-scale.....	832,011	Sept. 25	4255	889-90	124	1169
Culmer, John W., Cleveland, Ohio, assignor to Arithmetical Scale Co., Chattanooga, Tenn. Cheese-cutting machine.....	816,713	Apr. 3	324	75	121	1432
Culp, John W., Elkhart, Ind. Game and apparatus therefor.....	833,779	Oct. 23	3560	760	124	2211
Culp, Willis H., King, Tex. Wire-stretcher.....	827,085	July 31	4885	1018	123	1297
Culter and Proctor Stove Company. (See Ritschel, Joseph, assignor.)						
Culver, Hosea O., Sandwich, Ill. Hay-loader. (Reissue.).....	12,564	Nov. 20	3496	745	125	957
Culver, Reuben D., Veedersburg, Ind. Track construction for street and other railways.....	828,718	Aug. 14	2054	433	123	2210
Culver, Ross A., Bristol, Conn. Implement for decorating wood.....	811,386	Jan. 30	5621	1176	120	1380
Culver, William W., Wichita, Kans. Grain-separator.....	815,070	Mar. 13	2136	450	121	821
Cummings, Rebecca J., Greersville, Ohio. Curtain-hanger.....	810,726	Jan. 23	4311	895	120	1063
Cumming, James M., Newark, N. J. Bottle-stopper.....	824,913	July 3	474	93	123	126
Cumming, William. (See Whittle and Cumming.)						
Cummings, Alexander, Los Angeles, Cal. Underreamer for mineral boring.....	819,042	May 1	13	4	122	6

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Cummings Filter Co. (See Bayley, Guy L., assignor.)						
Cummings, George H. (See Butterworth, Samuel D., Jr., assignor.)						
Cummings, Henry F., Kansas City, Mo. Calendar.	829,510	Aug. 28	3729	792	123	2709
Cummings, Henry H., Newton Center, Mass. Knife-sharpening apparatus.	825,114	July 3	846	176	123	224
Cummings, Henry H., Malden, assignor to A. D. Clafin, Newton, Mass. Ticket-delivering machine.	822,829	June 5	1185	243-4	122	1987
Cummings, Henry H., Malden, assignor to A. D. Clafin, Newton, Mass. Ticket stamping and delivering machine.	822,855	June 5	1236	254-5	122	1997
Cummings, Henry H., assignor to A. D. Clafin, Newton, Mass. Ticket stamping and delivering machine.	822,830	June 5	1188	244	122	1988
Cummings, Henry H., assignor to A. D. Clafin, Newton, Mass. Ticket stamping and delivering machine.	822,856	June 5	1238	255	122	1998
Cummings, Henry H., assignor to A. D. Clafin, Newton, Mass. Ticket-delivering machine.	839,457	Dec. 25	4317	922	125	2552
Cummings, Henry H., assignor to A. D. Clafin, Newton, Mass. Ticket printing and delivering machine.	839,458	Dec. 25	4320	923	125	2552
Cummings, James N., Summerville, assignor of one-half to H. N. Horton, F. M. Schlappach, and X. N. David, Cedartown, Ga. Engine.	822,586	June 5	717	145	122	1887
Cummings, Matthew, Boston, Mass. Reverberatory furnace.	819,043	May 1	15	4-5	122	6
Cummings, Robert A., Beaver, Pa. Concrete and metal structure.	815,409	Mar. 20	2902	602	121	740
Cummings, Robert A., Beaver, Pa. Metal-reinforced concrete column.	822,587	June 5	719	145	122	1887
Cummings, Robert A., Beaver, Pa. Sinking and building concrete piles.	822,588	June 5	721	145	122	1887
Cummings, Robert A., Beaver, Pa. Sinking concrete piles.	822,589	June 5	723	146	122	1888
Cummings, Robert A., Beaver, Pa. Concrete column and the like.	828,931	Aug. 21	2484	526	123	2351
Cummings, Thaddeus L., Spencer, Iowa. Automatic friction-governor in fly-wheels.	809,784	Jan. 9	2362	487	120	552
Cummings, Thaddeus L., Spencer, Iowa. Band-cutter and feeder for threshing-machines.	834,195	Oct. 23	4612	979-80	124	2469
Cummins, George B., and H. S. Ferguson, Cherokee, Kans. Sander.	831,837	Sept. 25	3897	817	124	1079
Cummins, Mark. (See Crosbie and Ward, assignors.)						
Cummskey, James A., Cloverdale, Cal. Sawing-machine.	817,628	Apr. 10	2137	452-3	121	1882
Cunnock, Arthur J., Rye, N. Y. Machine for treating pliable tubes.	829,098	Aug. 21	2821	593	123	2438
Cunnock, Arthur J., Rye, N. Y. Web treating and cutting machine.	829,099	Aug. 21	2825	593-4	123	2439
Cunnock, Robert L., Anderson, S. C. Bobbin-holding means for loom-shuttles.	811,620	Feb. 6	167	37	120	1522
Cumpston, Frederick B., Blooming Grove, Tex. Wind-stacker on grain-separators.	828,304	Aug. 14	1235	258	123	2001
Cumpston, Frederick B., assignor to T. W. Sewell, R. J. Page, and M. G. Young, Blooming Grove, Tex. Automatic cotton press and feeder.	836,488	Nov. 20	3153	669-70	125	877
Cunniif, Edward, New Bedford, assignor to Draper Company, Hopedale, Mass. Hopper for filling-replenishing looms.	817,047	Apr. *3	994	203	121	1579
Cunniif, Edward, New Bedford, assignor to Draper Company, Hopedale, Mass. Thread-parting mechanism for looms.	834,269	Oct. 30	4786	1012	124	2558
Cunniif, John V., Fall River, assignor of one-half to M. R. Hitch, New Bedford, Mass. Shoe.	833,444	Oct. 16	2899	615	124	2010
Cunniif, John V., and J. Lacroix, Fall River, Mass. Loom-shuttle.	829,259	Aug. 21	3179	669	123	2528
Cunniif, Michael T., Riverside, Cal. Solar water-heater.	819,342	May 1	625	133	122	144
Cunning, Harry F., Roanoke, Va. Reducing-valve.	836,306	Nov. 20	2803	595	125	795
Cunningham, Andrew C., Annapolis, Md. Floating caisson for repairing floating dry-dock bottoms.	808,638	Jan. 2	36	8	120	10
Cunningham, Andrew C., Washington, D. C. Floating caisson.	808,728	Jan. 2	217	46	120	50
Cunningham, Edgar W., Roselle, N. J. Door-bolt.	810,918	Jan. 30	4715	984	120	1184
Cunningham, Frank R., Medford, Mass. Apparatus for electroplating.	828,814	Aug. 14	2235	476	123	2257
Cunningham, Hugh B., Arnot, Pa. Pipe-pulling jack.	817,363	Apr. 10	1610	340-1	121	1772
Cunningham, James S., Allegheny, Pa. Signal device.	838,848	Dec. 18	3106	609	125	2210
Cunningham, John A., South Bethlehem, Pa. Ink-well.	836,366	Nov. 20	2908	616-17	125	818
Cunningham, John T., Allegheny, Pa. Filter.	810,846	Jan. 23	4526	942	120	1109
Cunningham, Kenneth, Cheyenne, Okla. Ter. Wire-stretcher.	812,981	Feb. 20	2921	643	120	2212
Cunningham, Patrick M., New York, N. Y. Convertible billiard and pool table.	826,088	July 17	2869	594-5	123	764
Cunningham, Roy N., and J. W. McPherson, assignors to American Concrete Machinery Company, Columbus, Ohio. Mixing-machine.	832,722	Oct. 9	1421	286-7	124	1595
Cunningham, Stewart, Turtle Creek, Pa. Safety appliance for elevators.	835,665	Nov. 13	1560	333	125	437
Cunningham, William R. (See Wibel, Cunningham, and Gray.)						
Curial, Edward L., Anoka, Minn. Kitchen utensil.	837,388	Dec. 4	223	56	125	1411
Curial, Edward L., Anoka, Minn. Toy.	838,305	Dec. 11	2069	447	125	1911
Curley, George. (See Smith, Enoch, assignor.)						
Curley, George, Salt Lake City, Utah. Scaffold.	835,059	Nov. 6	375	76	125	99
Curley, George, Salt Lake City, Utah. Combined continuous kiln and drier.	837,547	Dec. 4	525	121-2	125	1486
Curley, James R., New York, N. Y. Stropping-machine.	815,685	Mar. 20	3426	715-16	121	855
Curran, James L., San Luis Obispo, Cal., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Feed-valve. (Reissue.)	12,516	July 31	6253	1298	123	1642
Curran, Thomas. (See Seibold, Curran, and Bacon.)						
Curran, William M. (See Roach, Patrick F., assignor.)						
Currie, William E., Detroit, Mich. Dumping-wagon.	836,670	Nov. 27	3530	753	125	1002
Currier, Burleigh. (See Porter and Currier.)						
Currier, John W., Boston, Mass. Fork.	816,536	Mar. 27	5196	1102	121	1287
Currier, Walker F., Variety Mills, Va., assignor of one-eighth to National Soap Stone Co., New York, N. Y. Machine for sizing and cutting stone and other materials.	822,724	June 5	998	203-4	122	1948
Curry, Carter I. (See McDaniel, William A., assignor.)						
Curry, Hill M., California, Pa. Plumb-bob.	831,775	Sept. 25	3779	791	124	1050
Curry, James H., Wilkinsburg, Pa. Bean-shooter.	822,190	May 29	6402	1359	122	1660
Curtain, Clarence. (See Curtain, John, assignor.)						
Curtain, John, Elkfalls, Kans., assignor of one-half to C. Curtain, Circleville, Ohio. Checking system for harness.	814,835	Mar. 13	1682	352	121	426
Curtain Supply Company. (See Dunn, Clifford E., assignor.)						
Curtain Supply Company. (See Forsyth, Henry H., assignor.)						
Curtain Supply Company. (See Forsyth, William H., assignor.)						
Curtain Supply Company. (See Hopkins, Charles L., assignor.)						
Curtain Supply Company. (See Houghtaling, Paul A., assignor.)						
Curtain Supply Company. (See Keeler, Herbert E., assignor.)						
Curtain Supply Company. (See Whitmore, Edward E., assignor.)						
Curtin, Andrew F., Medford, Mass. Ball-cock.	829,462	Aug. 28	3628	762	123	2685
Curtis, Albert B. (See Scott and Curtis.)						
Curtis, Arthur R., Golden, Colo. Igniter for internal-combustion engines.	817,104	Apr. 3	1085	225	121	1599
Curtis, Asher, et al. (See Lerch, Solomon W., assignor.)						
Curtis, Charles G., New York, N. Y., assignor, by mesne assignments, to General Electric Company. Elastic-fluid turbine.	821,706	May 29	5478	1166	122	1450
Curtis, Charles G., New York, N. Y., assignor, by mesne assignments, to General Electric Company. Elastic-fluid turbine.	831,540	Sept. 25	3290	692	124	917
Curtis, Clarence M., Woodstock, Ill. Fish-hook.	825,639	July 10	2005	418	123	535

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Decl.	Vol.	Page.
Curtis, Frank C. (See Mosher and Curtis.)						
Curtis, Frank C., Troy, N. Y., assignor to Universal Brush Company. Brush-filling machine.	811,831	Feb. 6	551	122	120	1602
Curtis, Grant M., assignor to Cyphers Incubator Company, Buffalo, N. Y. Incubator.	826,149	July 17	2973	618	123	788
Curtis, Grant M., assignor to Cyphers Incubator Company, Buffalo, N. Y. Incubator.	829,000	Aug. 21	2615	552	123	2383
Curtis, Henry D. (See Curtis, Robert H. and H. D.)						
Curtis, John B., New York, N. Y. Self-lubricating journal-bearing.	824,628	June 26	4760	1014	122	2926
Curtis, John T., Orrville, Ohio. Dust-pan.	820,627	May 15	3236	696	122	841
Curtis, Lewis E., Chicago, Ill. Expanded metal.	834,873	Oct. 30	5976	1270	124	2858
Curtis & Marble Machine Co. (See Marble, Edwin T. and E. H., assignors.)						
Curtis & Marble Machine Company. (See Bradley, William C., assignor.)						
Curtis, Robert H., Long Branch, and H. D. Curtis, Red Bank, N. J. Sweat-band.	816,301	Mar. 27	4691	996	121	1179
Curtis, Robert H., Long Branch, and H. D. Curtis, Red Bank, N. J. Size-reducing device for hats.	833,587	Oct. 16	3192	677	124	2077
Curtis, William C., assignor of one-half to O. Diederiches, Chicago, Ill. Tobacco-pipe.	828,464	Aug. 14	1556	329	123	2083
Curtis, William H., Gulfport, Miss., assignor of one-half to T. P. Ambrose, Cincinnati, Ohio. Seat for circuses and the like.	839,058	Dec. 18	3478	752	125	2300
Curtis, Zenas A., Channing, Tex. Wire-stretcher.	809,096	Jan. 2	955	198-9	120	211
Curtis, Zenas A., Channing, Tex. Toy.	815,410	Mar. 20	2906	603	121	740
Curtiss, John S., Hudson, Ohio. Puzzle.	832,299	Oct. 2	570	108	124	1351
Curwen, Samuel M. (See Brill and Curwen.)						
Curwen, Samuel M., Philadelphia, Pa. Construction of cars.	838,608	Dec. 18	2658	571	125	2100
Curwen, Samuel M., assignor to J. A. Brill, Philadelphia, Pa. Walk-over car-seat.	808,905	Jan. 2	569	125	120	125
Curwen, Samuel M., Haverford, assignor to J. A. Brill, Philadelphia, Pa. Disappearing seat.	816,537	Mar. 27	5197	1103	121	1287
Curwen, Samuel M., Haverford, assignor to J. A. Brill, Philadelphia, Pa. Body-bolster.	819,736	May 8	1392	300	122	372
Cushing, Alvin M., Springfield, Mass. Boiler.	826,546	July 24	3811	790	123	1014
Cushing, Ira B., Tiskilwa, Ill. Harrow.	825,193	July 3	1000	211-12	123	261
Cushing, Joseph, Omamee, N. D., assignor to J. Sullivan, Grand Fork, British Columbia. Drill.	832,779	Oct. 9	1536	1314	124	1622
Cushman, Abe L., Concord, N. H. Controller.	828,388	Aug. 14	1397	295-6	123	2042
Cushman, Abe L., assignor to Cushman Electric Company, Concord, N. H. Induction-motor. (Reissue.)	12,431	Jan. 2	1338	272	120	294
Cushman, D. V., Omaha, Nebr. Chandelier-support.	837,286	Dec. 4	29	10	125	1361
Cushman Electric Company. (See Cushman, Abe L., assignor.) (Reissue.)						
Cushman, Frederick, Cleveland, Ohio. Safety car-fender.	817,299	Apr. 10	1495	313	121	1746
Cushman, Frederick, Cleveland, Ohio. Car-fender.	837,801	Dec. 4	1037	231	125	1611
Cushman, Frederick V. (See Kolbie and Cushman.)						
Cushman, George H. (See Hébert, Placide, assignor.)						
Custard, Joseph F., Bath, Pa. Separator.	832,012	Sept. 25	4259	890-1	124	1170
Custead, William D. (See Manrara and Custead.)						
Custer, John S. (See Turner and Custer.)						
Custer, John S., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Load-brake apparatus.	831,040	Sept. 18	2287	483-4	124	637
Cutler, Burnam B. and F. R., and J. D. Johnston, Kansas City, Mo. Stove.	827,424	July 31	5620	1162-3	123	1479
Cutler, Burnam B. and F. R., and J. D. Johnston, Kansas City, Mo. Stove-grate.	827,425	July 31	5623	1163	123	1481
Cutler, Fred R. (See Cutler and Johnston.)						
Cutler-Hammer Mfg. Co. (See Wiegand, Henry J., assignor.)						
Cutler, Henry H., Milwaukee, Wis. Electrical step-by-step controller.	821,021	May 22	4097	872	122	1091
Cutler, Henry H., Milwaukee, Wis. Magnetic clutch.	821,022	May 22	4102	872	122	1092
Cutler, Henry H., Milwaukee, Wis. Phase-splitter.	821,023	May 22	4104	873	122	1093
Cutler, Henry H., assignor to Arnold Magnetic Clutch Company, Milwaukee, Wis. Magnetic clutch.	821,020	May 22	4094	871-2	122	1090
Cutler, John M., assignor of one-half to J. L. McNab, Ukiah, Cal. Bottle.	810,727	Jan. 23	4312	896	120	1064
Cutler, Joseph W., Rochester, N. Y. Mail-chute.	820,394	May 15	2777	602	122	742
Cutler, Otis M., Wakefield, Mass., assignor to Fibered Leather Manufacturing Company. Leather-shredder.	819,862	May 8	1648	351-2	122	433
Cutler, Otis M., Wakefield, Mass., assignor to Fibered Leather Manufacturing Company. Method of and apparatus for shredding leather.	819,863	May 8	1649	352	122	433
Cutler & Son, A. (See Throm, Anthony J., assignor.)						
Cutler, William H., Freeport, assignor to Ringless Supplies Company, New York, N. Y. Curtain-pole.	829,387	Aug. 28	3443	724	123	2637
Cutmore, Hahneemann A., London, England. Telephone or like transmitter.	829,849	Aug. 28	4429	935	123	2880
Cutsforth, George. (See Robinson and Cutsforth.)						
Cutter Electrical and Manufacturing Company. (See Scott, William M., assignor.)						
Cutter, George, South Bend, Ind. Locking device for arc-lamp hangers.	839,367	Dec. 25	4131	886-7	125	2506
Cutter, George A., Nashua, N. H., assignor to Improved Paper Machinery Company. Castine, Me., and Nashua, N. H. Fluid-pressure-actuated mechanism for controlling gates, valves, &c.	832,780	Oct. 9	1538	314-15	124	1622
Cutter, Scott C., Oswego, Ill. Clamp for electrical conductors.	830,572	Sept. 11	1378	286	124	360
Cutter, William M., and W. A. Sutfin, Marysville, Cal.; said Sutfin assignor to said Cutter. Voting-machine.	838,242	Dec. 11	1950	417-20	125	1882
Cutter, William M., and W. A. Sutfin, Marysville, Cal.; said Sutfin assignor to said Cutter. Voting-machine.	838,243	Dec. 11	1963	420-1	125	1885
Cutting, Charles R., Raton, N. Mex. Ter. Wind-wheel.	809,431	Jan. 9	1679	344-5	120	401
Cyanide Vacuum Filter Company. (See Evans, Richard K., assignor.)						
Cyclone Drill Company. (See Coates, Ray G., assignor.)						
Cyclone Drill Company. (See Tschantz, William H., assignor.)						
Cypher, Albert D., Brooklyn, N. Y. Shafting-hanger.	833,126	Oct. 9	2217	466	124	1791
Cypher, Henry. (See Klousnitzer, Frank, assignor.)						
Cypher, Henry, et al. (See Klousnitzer, Frank, assignor.)						
Cyphers, Ernest M., Greenville, Mich. Pencil-holder.	815,515	Mar. 20	3083	642	121	779
Cyphers Incubator Company. (See Adair, Charles E., assignor.)						
Cyphers Incubator Company. (See Curtis, Grant M., assignor.)						
Cyphers Incubator Company. (See Hare, Franklin C., assignor.)						
Cyr, Henry, Biddeford, Me., assignor to Draper Company, Hopedale, Mass. Harness-motion for looms.	812,166	Feb. 6	1296	283	120	1753
Cyr, Joseph T. (See Wyman and Cyr.)						
D. H. Burrell & Company. (See Burrell, Loomis, assignor.)						
D. H. Burrell & Company. (See Feldmeier, Harvey, assignor.)						
D. H. Burrell & Company. (See Lane, Frederic A., assignor.)						
D. M. Ferry & Co. (See Turner, Robert, Jr., assignor.)						
D. M. Sechler Carriage Company. (See Englund, Ernst E., assignor.)						
D. P. Clark and Company. (See Clark, David P., assignor.)						
D. P. Clark and Company. (See Schieble, William E., assignor.)						
D. T. Owen Company. (See Owen, David T., assignor.)						
D'Ailly, Richard H. A., Tiptonville, Tenn. Button.	816,416	Mar. 27	4965	1055	121	1236

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
D'Aix, Fritz C. L., New York, N. Y. Line-casting machine.....	834,971	Nov. 6	172	36-8	125	46
D'Antony, Amedeo. (See Moreno and D'Antony.)						
D'Arsi, Fortunato M., New York, N. Y. Illuminated display apparatus.....	816,154	Mar. 27	4413	932	121	1119
D'Artenay, Adolph P., Dixon, Cal. Land grader and scraper.....	829,829	Aug. 28	4391	926	123	2872
D'Ayguessives, Jean. (See Romain and D'Ayguessives.)						
D'Ayguessives, Jean A. A., Paris, France. Copying-press.....	829,246	Aug. 21	3141	661	123	2517
D'Elia, Louis, Seattle, Wash. Tailor's measuring apparatus.....	826,651	July 24	4026	834	123	1070
D'Olier, Henry, Jr., Philadelphia, Pa. Detachable incandescent-lamp shade.....	836,490	Nov. 20	3159	670	125	879
D'Olier, William L., Philadelphia, Pa. Driving mechanism for centrifugals.....	830,474	Sept. 4	1162	243-4	124	287
D'Urso, Giovanni, New York, N. Y. Dumping-wagon.....	819,416	May 1	769	164-5	122	174
Dabney, Ann B., Washington, D. C. Hook and eye.....	816,966	Apr. 3	841	173	121	1544
Dabonville, Henri J., Paris, France. Rotating motor.....	833,588	Oct. 16	3193	678	124	2077
Dabrowski, Lothar von, Chicago, Ill. Lay-down car-stake.....	826,150	July 17	2976	619	123	789
Dabrowski, Lothar von, Chicago, Ill. Lay-down car-stake.....	826,151	July 17	2978	619	123	789
Dackiewicz, Charles, assignor of fifty-one one-hundredths to C. Freihofer and F. Hanson, Philadelphia, Pa. Mechanical motor.....	816,437	Mar. 27	4999	1062	121	1242
Dade, Harry E., Canaan, Conn. Binder.....	830,573	Sept. 11	1380	286	124	370
Dadie, John, Chicago, Ill. Making shortening.....	833,445	Oct. 16	2900	615	124	2010
Daft, Leo, Ealing, and A. Williams, Wimbledon, assignors to Electrical Ore Finding Company Limited, London, England. Apparatus for detecting and localizing mineral deposits.....	817,736	Apr. 10	2334	502	121	1928
Daggett & Clap Co. (See Clark, James M., 2d, assignor.)						
Daggett & Clap Co. (See Holbrook, George D., assignor.)						
Dahl, August H., New York, N. Y. Type-writing machine.....	828,843	Aug. 14	2296	490	123	2273
Dahl, Charles A., assignor to Reece Buttonhole Machine Company, Boston, Mass. Power-transmitting mechanism.....	824,234	June 26	3968	850	122	2757
Dahl, Charles A., assignor to Reece Buttonhole Machine Company, Boston, Mass. Button-sewing machine.....	828,844	Aug. 14	2298	490	123	2273
Dahl, Charles A., Boston, Mass., assignor to Reece Buttonhole Machine Company, Portland, Me., and Boston, Mass. Machine for stitching buttonholes.....	830,496	Sept. 11	1211	253	124	327
Dahl, Christian, Gross Nustrup, and C. Lund, Porsgeil, Germany. Automatic disengaging device for the knife-gear of mowing-machines.....	821,612	May 29	5275	1125	122	1406
Dahl, Hans, Berlin, Germany. Circuit-closing device for speed-indicators.....	830,497	Sept. 11	1212	253-4	124	328
Dahl, Hans, Berlin, Germany. Speed-indicator.....	832,600	Oct. 9	1170	234	124	1537
Dahl, Hans, and M. Martin, Berlin, Germany; said Martin assignor to said Dahl. Signal device for indicating speed.....	825,960	July 17	2609	542-3	123	697
Dahl, John L., Weehawken, N. J. Rail-fastening device.....	821,467	May 22	4994	1062	122	1290
Dahl, Olaus A., Nash, N. D. Fastener for window-sash, doors, &c.....	821,090	May 22	4241	902	122	1122
Dahl, Ole W., et al. (See Christiansen, Hans L., assignor.)						
Dahl, Peter C., Clarkfield, Minn. Rotary engine.....	816,784	Apr. 3	458	103	121	1459
Dahl, William T., Bottineau, N. D. Faucet-lock.....	812,021	Feb. 6	996	218	120	1691
Dahlberg, Gustaf L. R., Allwood, N. J. Easel.....	809,785	Jan. 9	2363	488	120	552
Dahlin, John, Chisholm, Minn. Safety device for hoisting apparatus.....	818,523	Apr. 24	3944	849	121	2383
Dahlman, Henry E., Burlington, Wis. Weighing device.....	812,830	Feb. 20	2622	574	120	2146
Dahlstrom, Charles, Jamestown, N. Y. Step or mat.....	817,837	Apr. 17	2560	549	121	2031
Dahlund, Frank, Esmond, N. D. Staying device for sliding doors.....	814,434	Mar. 6	891	183	121	194
Dahmen, Hans von, Vienna, Austria-Hungary. Completely exploding high explosives.....	818,939	Apr. 24	4776	.....	121	2564
Dahn, John. (See Dahn, Mark L. and J.)						
Dahn, Mark L. and J., assignors of one-third to A. H. Heatzman, Baltimore, Md. Building-block machine.....	835,405	Nov. 6	1072	230-1	125	271
Dailey, Carolus E., Brooklyn, N. Y. Machine for decorticating Manila fiber and like substances.....	815,799	Mar. 20	3683	776	121	908
Dailey, Daniel D., East Boston, Mass. Combined bed and sofa.....	825,194	July 3	1001	212	123	262
Dailey, Edmund B. (See Harriman and Dailey.)						
Dailey, William H., assignor of one-half to A. Kissner, St. Louis, Mo. Receptacle for fluid metal.....	838,306	Dec. 11	2071	448	125	1911
Daily, Irving C., Kenova, W. Va. Gas-burner.....	827,621	July 31	6072	1259	123	1594
Daimler Motoren-gesellschaft. (See Soden-Fraunhofen, Carl A. von, assignor.)						
Dain, Joseph, Ottumwa, Iowa. Hay-rack.....	818,524	Apr. 24	3946	850	121	2383
Dain, Joseph, Ottumwa, Iowa. Hay-stacker.....	818,749	Apr. 24	4423	946-7	121	2489
Daisy Manufacturing Company. (See Warren, Gilbert W., assignor.)						
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.....	828,932	Aug. 21	2487	527	123	2351
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.....	828,933	Aug. 21	2490	527	123	2353
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.....	828,934	Aug. 21	2491	527-8	123	2353
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.....	833,305	Oct. 16	2604	545-7	124	1936
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.....	833,306	Oct. 16	2612	547	124	1938
Dake, Charles W., Grand Rapids, Mich. Governor-valve.....	833,307	Oct. 16	2614	547	124	1939
Dalbey, William H., Indianapolis, Ind. Automatic adjustable-grip pipe-wrench.....	818,419	Apr. 24	3730	801	121	2338
Dale, John A., Philadelphia, Pa. Cutting-tool.....	830,417	Sept. 4	1046	218	124	258
Dale, John H., New York, N. Y. Cluster lamp-socket.....	818,750	Apr. 24	4427	947	121	2490
Dale, John H., New York, N. Y. Cluster-socket.....	826,152	July 17	2979	620	123	790
Dale, John H., New York, N. Y. Electric fixture.....	831,326	Sept. 18	2878	610	124	778
Dale, John H., assignor of two-thirds to F. Marsh, Newark, N. J., and R. R. Hoyt, New York, N. Y. Ice-breaking device.....	821,927	May 29	5898	1253-4	122	1545
Dale, Jonathan, Kingston, N. C. Load-lifting device.....	834,270	Oct. 30	4788	1012	124	2559
Dale, Jonathan, Kingston, N. C. Grapple.....	834,271	Oct. 30	4789	1013	124	2559
Dale, Thomas M. (See Matheson and Dale.)						
Dales, John H., Elstree, and C. C. Braithwaite, Harpenden, England. Apparatus for heating feed-water.....	838,172	Dec. 11	1810	388	125	1850
Daley, Daniel M., West Seneca, N. Y. Mail-bag receiving and delivering apparatus.....	831,646	Sept. 25	3519	738-9	124	980
Daley, Henry C., Hot Springs, S. D. Boiler-cleaner.....	830,574	Sept. 11	1384	287	124	371
Dalgarno, William. (See Hill and Dalgarno.)						
Dalglish, Ernest T., Strines, near Stockport, and F. Hardman, Smithills, Bolton, England. Bearing of spindles for spinning and doubling textile fibers.....	824,708	July 3	23	3	123	10
Dalhaug, Johan M. (See Johnson, John E., assignor.)						
Dalkranian, James K., assignor to N. Costikyan, New York, N. Y. Pile-fabric loom.....	822,103	May 29	6225	1327-8	122	1620
Dalkranian, James K., assignor to N. Costikyan, New York, N. Y. Beating-in device for looms.....	824,685	June 26	4866	1037	122	2947
Dallam, John C., Schenectady, N. Y., assignor to General Electric Company. Lamp-socket.....	829,850	Aug. 28	4430	935	123	2880
Dalrymple, David N., et al. (See Hall and Thomas, assignors.)						
Dalrymple, James W., Solsberry, Ind. Clod-crusher.....	816,153	Mar. 27	4410	932	121	1118
Dalrymple, Thomas A., and R. Burnside, Jr., Montreal, Quebec, Canada. Lubricator.....	833,308	Oct. 16	2615	548	124	1939
Dalton, Alfred, Brooklyn, N. Y. Amusement device.....	813,953	Feb. 27	4849	1070-1	120	2686
Dalton, Edward, and H. A. Tiffany, Syracuse, N. Y. Dumping-wagon.....	832,538	Oct. 2	1034	208	124	1462
Dalton, George T., Sr., assignor to J. B. Dalton, Washington, D. C. Automatic locking device for loose-leaf binders.....	810,919	Jan. 30	4716	984	120	1185

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Dalton-Ingersoll Manufacturing Company. (See Warnock, Amos W., assignor.)						
Dalton, John W., Sandwich, Mass. Life-saving device.	814,116	Mar. 6	230	44	121	50
Dalton, John W., Sandwich, Mass., assignor to Dalton Life-Saving Appliance Co. Breeches-buoy.	838,690	Dec. 18	2821	605	125	2140
Dalton, John W., Sandwich, Mass., assignor to Dalton Life-Saving Appliance Co. Breeches-buoy.	838,691	Dec. 18	2823	606	125	2141
Dalton, Joseph B. (See Dalton, George T., Sr., assignor.)						
Dalton Life-Saving Appliance Co. (See Dalton, John W., assignor.)						
Dalton, Mathew W., Willard, Utah. Tent.	837,802	Dec. 4	1038	231-2	125	1611
Daiton, Philip J., Joliet, Ill., assignor, by mesne assignments, to Rail Joint Company. Apparatus for manufacturing fish-plates.	822,509	June 5	552	111	122	1848
Dalton, Robert C., San Francisco, Cal. Hair dressing and shampooing device.	835,811	Nov. 13	1848	390	125	511
Dalton, William, Schenectady, assignor to American Locomotive Company, New York, N. Y. Electric-motor truck.	823,490	June 12	2549	537	122	2329
Dalton, William, Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive-truck.	823,491	June 12	2551	537	122	2330
Daly, Benjamin F., New York, N. Y. Post and box for cable-terminals and the like.	831,327	Sept. 18	2879	610-11	124	779
Daly, Edmund J., assignor to M. J. Daly and Sons, Incorporated, Waterbury, Conn. Furnace fire-door protector.	810,728	Jan. 23	4313	896	120	1064
Daly, Jennie, Waverly, N. Y. Dish-drier.	818,613	Apr. 24	4142	890	121	2426
Daly, Martin R., <i>et al.</i> (See Wagner, William F., assignor.)						
Dalzell, Donald C., Newark, N. J. Fastening device.	835,154	Nov. 6	564	115	125	143
Dalzell, Samuel W., Glasgow, Scotland. Rail for railways and tramways.	815,580	Mar. 20	3205	674	121	805
Damascus Brake Beam Company. (See Ettenger, Robert L., assignor.)						
Damato, Maurice, New York, N. Y. Knockdown wardrobe.	835,902	Nov. 13	2001	423	125	545
Dameron, John C., Weston, Ill. Barbed fence-wire.	820,395	May 15	2778	603	122	742
Damhorst, Franz, A. Kemper, and E. Utke, Berlin, Germany. Applying powder to patterns.	815,297	Mar. 13	2597		121	625
Damhorst, Franz, A. Kemper, and E. Utke, Berlin, Germany. Powder for dusting patterns.	820,099	May 8	2207		122	555
Damians y Rovira, Alejandro, Barcelona, Spain. Gearing.	823,462	June 12	2469	522	122	2313
Damm, Fredrich C., St. Louis, Mo. Electric light and power controller.	830,306	Sept. 4	826	169	124	207
Dammann, Adolph, Washington, D. C. Collar.	829,851	Aug. 28	4432	936	123	2881
Dammond, William H., Detroit, Mich. Safety system for operating railways.	823,513	June 19	2608	549	122	2403
Damon, Elmer P., Phillipsburg, N. J. Vehicle-wheel.	838,954	Dec. 18	3285	710	125	2250
Damon, George A., Chicago, Ill., assignor to Arnold Magnetic Clutch Company, Milwaukee, Wis. Magnetic clutch.	821,024	May 22	4107	873	122	1094
Damon, Nelson L., Carthage, Mo. Mold for making artificial stone.	824,235	June 26	3970	850-1	122	2757
Dana, Clarence M., and E. Kibben, Grand Rapids, Mich. Printing-press attachment.	815,071	Mar. 13	2137	450-1	121	521
Dana, Joseph C., Modesto, Cal. Book-support.	822,191	May 29	6403	1359	122	1661
Dane, Joseph C., Modesto, Cal. Writing-guide.	822,192	May 29	6405	1360	122	1661
Dana, William H., assignor to L. Rauh, Dayton, Ohio. Voting-machine.	819,692	May 1	1297	282	122	291
Dancyger, Simon, deceased, Dayton, Ohio; S. Flatau, administrator. Tag-clasp.	813,407	Feb. 27	3778	829	120	2453
Dandridge, Edward P., Philadelphia, Pa. Guard-rail for street-cars.	818,873	Apr. 24	4655	999-1000	121	2538
Danford, Tad, Boulder, Colo. Surf-actuated motor.	820,286	May 8	2575	559	122	636
Danforth, Newman L., Buffalo, N. Y. Automatic sprinkler-head.	828,093	Aug. 7	815	169	123	1873
Dangerfield, John C., East Grand Forks, Minn. Fire-escape.	836,868	Nov. 27	3926	838	125	1105
Daniel, Charles T., Owensboro, Ky. Injecting-needle.	824,668	June 26	4868	1037	122	2947
Danniel Green Felt Shoe Company. (See Maddox, Charles A., assignor.)						
Daniel, Hugh A., Rondout Station, Kingston, N. Y. Skylight.	829,910	Aug. 28	4551	960	123	2910
Daniel, John J., Cambria, Wis. Apparatus for the distribution of whey or skimmed milk.	823,514	June 19	2615	550	122	2404
Daniel, John J., Cambria, Wis. Mold for concrete walls.	827,712	Aug. 7	31	8	123	1678
Daniel, John J., Cambria, Wis. Mold for concrete-roof structures.	828,719	Aug. 14	2056	433	123	2211
Daniel, Paul, Levallois-Perret, near Paris, France. Motive-power engine.	817,905	Apr. 17	2713	589	121	2065
Daniel, William I., Commerce, Ga. Brace for cotton-pickers.	836,802	Nov. 27	3817	813	125	1078
Daniels, Fred H., Worcester, Mass. Rod-rolling mill.	820,396	May 15	2779	603	122	742
Daniels, Fred H., Worcester, Mass. Rail-bond.	831,776	Sept. 25	3781	791	124	1051
Daniels, Jay V., London, England. Hand-gear vibratory massaging-machine.	816,561	Apr. 3	20	6	121	1358
Daniels, John B., Newton Center, Mass. Advertising device.	825,195	July 3	1004	213	123	262
Daniels, John H., St. Louis, Mo. Combination-tool.	827,426	July 31	5625	1164	123	1481
Daniels, Landis G., and W. B. Kirkpatrick, High Spire, Pa. Car-coupling.	824,097	June 26	3701	789	122	2698
Daniels, Laura E., Fort Worth, Tex. Cooking utensil.	8 6,098	Nov. 20	2347	496	125	682
Daniels, Mark R. (See Isaacs, Slater, and Daniels.)						
Daniels, Quincy C. (See Vallney and Daniels.)						
Danielsen, Niels P., Council Bluffs, Iowa. Car-protector and rail-cleaner.	830,212	Sept. 4	637	128	124	162
Danielsen, Severin M., Escanaba, Mich. Clasp-band.	823,994	June 19	3526	752	122	2603
Danielsen, Wilhelm G., Logan, Utah. Plow.	819,737	May 8	1393	300	122	372
Danielson, Oscar A. (See Fallar and Danielson.)						
Daninger, Gottfried, Przemysl, Austria-Hungary. Small-arm.	810,192	Jan. 16	3189	661	120	780
Danke, Arthur E., Neenah, Wis. Water-level regulator.	818,525	Apr. 24	3948	850	121	2384
Dann, Augustus C. F., Southsea, England. Roller friction-clutch.	8 6,097	Nov. 20	2345	495	125	682
Dann, Ernest G., Chicago, Ill. Eraser.	817,838	Apr. 17	2562	550	121	2031
Dann, Ernest G., Chicago, Ill. Closure for receptacles.	820,480	May 15	2952	639	122	779
Dannelly, Isaac C. (See McClanahan, Samuel C., assignor.)						
Danner, Michael, Panola, Ill. Electric automatic mail-carrier.	816,649	Apr. 3	216	50-1	121	1408
Danner, Oscar B., <i>et al.</i> (See Huntley, Lucian F., assignor.)						
Danner, Simon P. (See Knorzer and Danner.)						
Dannert, Fritz, assignor to J. A. Hutmacher, Berlin, Germany. Making gas.	821,928	May 29	5900	1254	122	1546
Danser, James W. (See Ely, Danser, and Schanck.)						
Dapron, Alexander J., assignor of one-half to T. J. Conner, Prairie du Rocher, Ill. Window-screen.	824,288	June 26	4060	869	122	2776
Dapron, Mahala, and J. Froelich, St. Paul, Minn. Dish-washing machine.	838,955	Dec. 18	3286	711	125	2251
Darby, Arthur W., Holyoke, Mass. Automatic starter for motors.	824,687	June 26	4869	1037-8	122	2947
Darby, Edwin, assignor of one-half to B. J. Hardy, Iowa City, Iowa. Crude-oil burner.	814,360	Mar. 6	732	148	121	162
Darby, Thomas A., trustee. (See McCarty, William F. M., assignor.)						
Darche, Augusta Y., executrix. (See Darche, George C.)						
Darche, George C., deceased; A. Y. Darche, Chicago, Ill., executrix. Electric alarm-clock.	815,072	Mar. 13	2139	451	121	522
Dare, Lawrence E., New York, N. Y. Pipe.	823,716	June 19	2991	633	122	2486
Dare, William H., Whitestone, N. Y. Non-refillable bottle.	811,387	Jan. 30	5622	1177	120	1381
Dargatz, Emil, Kansas City, Mo. Padded safety-plate for horseshoes.	830,643	Sept. 11	1525	315	124	400
Dario, Roberti, Newark, N. J. Lock.	821,283	May 22	4603	981	122	1202
Darley, John W., Jr., assignor to William Knabe & Company Manufacturing Company, Baltimore, Md. Self-playing piano.	813,355	Feb. 20	3664	893-4	120	2370
Darley, John W., Jr., assignor to William Knabe & Company Manufacturing Company, Baltimore, Md. Self-playing piano attachment.	813,356	Feb. 20	3665	804	120	2370

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Darley, John W., Jr., assignor to William Knabe & Company Manufacturing Company, Baltimore, Md. Self-playing piano attachment	838,501	Dec. 11	2438	529-30	125	2002
Darley, John W., Jr., assignor to William Knabe & Co. Manufacturing Company, Baltimore, Md. Self-playing piano	839,557	Dec. 25	4521	964	125	2600
Darley, John W., Jr., assignor to William Knabe & Company Manufacturing Company, Baltimore, Md. Self-playing piano	839,558	Dec. 25	4523	965	125	2601
Darley, John W., Jr., assignor to William Knabe & Company Manufacturing Company of Baltimore City, Baltimore, Md. Self-playing piano	839,559	Dec. 25	4525	965-6	125	2602
Darley, John W., Jr., assignor of one-half to M. Holzman, P. and L. Hamburger, Baltimore, Md. Piano-action	810,920	Jan. 30	4717	984-5	120	1185
Darling, Cassius H., Worcester, Mass. Automatic drilling-jig	827,790	Aug. 7	211	41	123	1723
Darling, John, Rutherglen, assignor to Darling's Patent Automatic Coupling Limited, Glasgow, Scotland. Car-coupling	816,565	Apr. 3	21	6	121	1359
Darling's Patent Automatic Coupling. (See Darling, John, assignor.)						
Darlington, Frederick. (See Matthews, Joseph M., assignor.)						
Darlington, Philip J., Chicago, Ill. Electric hoist	818,078	Apr. 17	3052	658	121	2138
Darlington, Philip J., Chicago, Ill. Recording-machine	825,303	July 10	1223	257-8	123	336
Darlington, Philip J., Hinsdale, Ill. Integrating-machine	834,365	Oct. 30	4965	1052	124	2603
Darlington, Philip J., Glenridge, N. J., assignor to Sprague Electric Company. Over-load safety apparatus	829,371	Aug. 21	3412	719	123	2583
Darr, Leonhard, <i>et al.</i> (See Jackson, Thomas B., assignor.)						
Darrah, John W., New York, N. Y. Electric signaling apparatus	827,685	July 31	6226	1292	123	1636
Darrow, Charles B., Walla Walla, Wash. Extracting products from resinous wood	839,119	Dec. 25	3642	785	125	2386
Darrow, George L., <i>et al.</i> (See Appleton, Wallace N., assignor.)						
Därrschmidt, Gustav J., Dresden-Pieschen, Germany. Adjustable holder for drawing models and the like	809,432	Jan. 9	1681	345	120	402
Darst, Luther E., Louisiana, and W. H. Harrelson, Cyrene, Mo. Device to lock nuts on bolts	835,217	Nov. 6	684	141	125	174
Dart, Daniel W., and H. Maass, Jersey City, N. J. Clothes-line holder	833,509	Oct. 16	3035	644	124	2038
Darwin, Horace, Chesterton, England. Automatic recording mechanism	827,086	July 31	4886	1019	123	1297
Darzens, Georges, Paris, France. Manufacture of certain aldehydes	830,213	Sept. 4	638		124	162
Dash, Samuel, <i>et al.</i> (See Broughton, Chainey, assignor.)						
Dashiell, Eleanor R., executrix. (See Dashiell, Robert B.)						
Dashiell, Raymond G., Baltimore, Md. Toy	821,468	May 22	4995	1062	122	1290
Dashiell, Robert B., deceased, U. S. Navy; E. R. Dashiell, executrix. Breech-loading ordnance	818,420	Apr. 24	3731	801-2	121	2388
Dater, Alfred W., Stamford, Conn. Automatic fuel-valve	838,692	Dec. 18	2824	606	125	2141
Dates, Thomas B. (See Strong, George W., assignor.)						
Datterway, Conrad M., Youngstown, Pa. Saw-tooth	834,196	Oct. 23	4615	980	124	2470
Dauber, Carl W., Washington, D. C., assignor of one-half to C. Bendheim, Alexandria, Va., and D. Rothschild, Washington, D. C. Shade-holder	824,978	July 3	606	121	123	160
Dauber, Charles G. (See Kratsch and Dauber.)						
Dauchy Iron Works. (See Ross and Dauchy, assignors.)						
Dauchy, Samuel. (See Ross and Dauchy.)						
Daudelin, Casimir, Montreal, Quebec, Canada. Apparatus for use in cleaning buildings	832,041	Oct. 2	31	8	124	1220
Daudelin, Jean B., Fall River, Mass. Self-threading shuttle. (Reissue)	12,531	Sept. 11	2256	476	124	597
Daugherty, Charles C., Columbus, Ohio. Storm-front for vehicle-tops	811,039	Jan. 30	4945	1032	120	1235
Daugherty, William E., Corpus Christi, Tex. Window-sash	827,217	July 31	5185	1076	123	1376
Daugherty, William G., Baltimore, Md. Apparatus for applying molten solder to sheet metal, can-caps, &c.	812,329	Feb. 13	1652	363	120	1902
Daughters, Charles H., Denver, Colo. Ditching-machine	828,537	Aug. 14	1703	359	123	2120
Daughtry, James O., Hugo, Ind. Ter. Cooler	821,469	May 22	4997	1062	122	1290
Dauni, Conrad, Scranton, Pa. Yeast-mixer	836,565	Nov. 20	3301	704	125	913
Daum, Felix, Mainz, Germany. Soap-molding machine	810,193	Jan. 16	3190	661	120	781
Daum, William T., Chicago, Ill. Wagon	820,850	May 15	3701	790	122	943
Daus, Adolph H., Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company. Electric-motor-control system	819,738	May 8	1395	300	122	372
Davenport, Birge W., Minneapolis, Minn. Merry-go-round	822,435	June 5	391	81	122	1810
Davenport, Eugene F., Melrose, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Skiving-machine	823,586	June 19	2748	582	122	2432
Davenport, Harvey M., Sheridan, Wyo. Headlight-cover	812,982	Feb. 20	2921	644	120	2210
Davenport, John, Stamford, Conn. Piano-action bracket	814,117	Mar. 6	231	45	121	50
Davenport Wagon Company. (See Sebelin, Ludwig C., assignor.)						
Davenport, William A., Shamokin, Pa. Puzzle	839,733	Dec. 25	4883	1043	125	2689
Daves, William, assignor to W. A. Freese, Bloomington, Ill., G. W. Quackenbush, Marshall, Mo., and C. A. King, Chicago, Ill. Rail-joint	816,848	Apr. 3	595	124	121	1491
Daves, William T., Madisonville, Ky. Whiffletree	833,677	Oct. 16	3354	713	124	2116
Davey, Elijah C., Chicago, Ill. Fountain-brush	810,470	Jan. 23	3825	785	120	956
Davey, George S., Frankfort, Mich. Trace-tightener	813,866	Feb. 27	4687	1036	120	2653
David, Benjamin E. (See Mendel, Sophie, assignor.)						
David Bradley Manufacturing Company. (See Bradley, Byron C., assignor.)						
David Bradley Manufacturing Company. (See Paul, William L., assignor.)						
David Bradley Manufacturing Company. (See Paul, William L. and W. A., assignors.)						
David, Henri, Paris, France. Protector for pneumatic tires	808,974	Jan. 2	706	153	120	156
David, Orlando E., Bradford, Pa. Pipe-coupling	817,300	Apr. 10	1497	314	121	1747
David, Simon L. (See Tibbett, George, assignor.)						
David, William L., <i>et al.</i> (See Sessions, George B., assignor.)						
David, X. N., <i>et al.</i> (See Cummings, James N., assignor.)						
Davidge, John M., <i>et al.</i> (See Evans, Lewis J., assignor.)						
Davidis, Thaddeus, Little Neck, N. Y. Propulsion of vessels	815,270	Mar. 13	2542	535	121	612
Davidson, Alexander, Joliet, Ill. Roundabout	837,803	Dec. 4	1040	232	125	1611
Davidson Bros. (See Strain, Charles M., assignor.)						
Davidson, Edgar L., Lawrenceburg, assignor of three-fourths to J. W. Wildes, J. M. and E. L. Forsythe, Iron City, Tenn. Switch-actuating mechanism	838,388	Dec. 11	2231	482	125	1951
Davidson, Edward C., Elizabeth, N. J. Photographic-film roll	832,460	Oct. 2	888	171	124	1426
Davidson, Frank B. (See Howe and Davidson.)						
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray	815,007	Mar. 13	2007	422	121	492
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper-delivery	815,008	Mar. 13	2009	422	121	492
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray	816,302	Mar. 27	4692	996	121	1179
Davidson, Frank B., Marseilles, Ill., assignor to Howe & Davidson Company, East Orange, N. J. Paper tray	823,847	June 19	3238	685	122	2541
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper-roll adjustment	823,848	June 19	3240	686	122	2541

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper-guide for presses.....	823,849	June 19	3242	686	122	2542
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray.....	823,934	June 19	3400	727	122	2577
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray.....	836,923	Nov. 27	4069	868	125	1137
Davidson, Frank B., and J. Wesson, Marseilles, Ill., assignors to Howe and Davidson Company, East Orange, N. J. Means for dampening the score-lines of folding-box blanks.....	823,850	June 19	3245	687	122	2542
Davidson, George R., Lenox, Mich. Oil and feed-water separator.....	812,831	Feb. 20	2623	574	120	2146
Davidson, John C., Columbus, Ohio. Wall construction.....	822,510	June 5	553	111	122	1848
Davidson, John W. (See Shaver, Husted B., assignor.)						
Davidson, Lincoln D., assignor of one-half to C. T. Stone, Indianapolis, Ind. Adjustable shade and curtain fixture.....	828,599	Aug. 14	1824	384	123	2152
Davidson, Miriam, New York, N. Y. Waterproof eyeglass-case.....	811,487	Jan. 30	5790	1212	120	1414
Davidson, Robert. (See Bryant, Wolcott, and Davidson.)						
Davidson, Robert A., Santa Cruz, Cal. Telephone.....	835,181	Nov. 6	615	125	125	155
Davidson Rubber Company. (See Lockwood, Rhodes G., assignor.)						
Davidson, Samuel. (See McKnight, Stephen E., assignor.)						
Davidson, Samuel C., Belfast, Ireland. Centrifugal fan or pump.....	820,397	May 15	2782	603-4	122	743
Davidson, Samuel C., Belfast, Ireland. Centrifugal fan or pump.....	820,398	May 15	2786	605	122	743
Davidson, Samuel C., Belfast, Ireland. Inlet-opening or eye of centrifugal fans or pumps.....	820,399	May 15	2790	606	122	744
Davidson, Samuel C., Belfast, Ireland. Centrifugal fan or pump and casing therefor.....	839,273	Dec. 25	3955	850	125	2462
Davidson, William, Atlanta, Ga. Combined mail-bag catching and delivering apparatus and semaphore-mast.....	835,503	Nov. 13	1249	268-9	125	360
Davidson, William N. L. (See Jumeaux and Davidson.)						
Davies, Charles P., Oakland, Cal. Combined table and folding bed.....	808,818	Jan. 2	387	84	120	86
Davies, Charles W. T., assignor to Good Form Manufacturing Company, New York, N. Y. Necktie.....	817,364	Apr. 10	1612	341	121	1773
Davies, Jonah, Drums, Pa. Rail-joint.....	814,772	Mar. 13	1560	329	121	401
Davies, Joseph B., Malvern, Victoria, Australia. Nail or screw for securing corrugated iron.....	821,025	May 22	4110	874	122	1094
Davies, Mary A., Amsterdam, N. Y. Kettle-cleaner.....	822,926	June 12	1385	289	122	2077
Davies, Oswyn S., Castleton, England. Ornamenting pile fabrics.....	819,412	May 1	762	163	122	172
Davies, Roderick W., Avonmore, assignor to Sergeant Glass Company, Williamsport, Pa. Wire-glass machine.....	827,427	July 31	5627	1164	123	1482
Davies, Roderick W., Avonmore, assignor to Sergeant Glass Company, Williamsport, Pa. Wire-glass machine.....	827,686	July 31	6228	1293	123	1636
Davis, Albert F., Rutland, Vt. Grinding-mill.....	826,711	July 24	4140	860-1	123	1099
Davis, Albert F., Rutland, Vt. Grinding-plate for mills.....	827,059	July 24	4814	1003	123	1265
Davis, Albert L., Grand Rapids, Mich. Knife-sharpener.....	817,226	Apr. 10	1346	282	121	1718
Davis, Albert L., Grand Rapids, Mich. Knife-grinding machine.....	831,541	Sept. 25	3292	693	124	918
Davis, Albert M., Madison, Wis. Harrow.....	826,712	July 24	4146	861	123	1100
Davis, Alfred C. and C. C., Abingdon, S. C. Washing-machine.....	835,099	Nov. 6	459	93	125	120
Davis, Anna C., Sioux City, Iowa. Musical notation.....	828,020	Aug. 7	663	136	123	1835
Davis, Arthur D., Baggs, Wyo. Sliding-jaw wrench.....	826,769	July 24	4250	883	123	1128
Davis, Bertie E. (See Beckwith, William, assignor.)						
Davis, C. Schuyler, et al. (See McNeal, Luther C., assignor.)						
Davis, Carey B. (See Hoy, Ernie L., assignor.)						
Davis, Charles A., Pasadena, Cal. Porcelain and metallic crown.....	838,849	Dec. 18	3109	670	125	2211
Davis, Charles B. (See Davis, Thomas A., assignor.)						
Davis, Charles B. (See Perry, Benjamin F., assignor.)						
Davis, Charles C. (See Davis, Alfred C. and C. C.)						
Davis, Charles D., Washington, D. C., assignor to Richmond Cedar Works, Henrico county, Va. Mechanical movement.....	829,852	Aug. 28	4432	936	123	2881
Davis, Charles E., Waltham, Mass. Photographic camera.....	828,538	Aug. 14	1705	359-60	123	2121
Davis, Charles F., Battle Creek, Mich. Fence-post.....	830,824	Sept. 11	1886	393	124	506
Davis, Charles H., Petersburg, Va. Interest-bearing instrument of obligation.....	835,703	Nov. 13	1621	345	125	451
Davis, Charles J., Lansing, Mich. Rotary harrow.....	823,933	June 19	3399	726	122	2577
Davis, Charles L., Detroit, Mich., assignor, by mesne assignments, to Autopianist Co., Chicago, Ill. Mechanical musical instrument. (Reissue).....	12,476	May 1	1321	287	122	297
Davis, Charles W. (See Davis, Norman C., assignor.)						
Davis, Charley E., Aurora, Mo. Hay-press.....	822,511	June 5	555	112	122	1848
Davis, Chester W., et al. (See Martyn, Harry M., assignor.)						
Davis, Clarence C., Providence, assignor of one-half to W. Halkyard, North Kingston, R. I. Rotary blower.....	814,190	Mar. 6	363	74	121	79
Davis, Clarence C., Providence, assignor of one-half to W. Halkyard, North Kingston, R. I. Lubricating-cup.....	838,011	Dec. 11	1449	313	125	1758
Davis, Clarence F., Sherwood, assignor of one-half to A. L. Locke, Bronson, Mich. Cement-block machine.....	816,438	Mar. 27	5000	1062	121	1242
Davis, Claude B., and A. T. Finch, Chase City, Va. Non-refillable bottle.....	834,510	Oct. 30	5240	1113	124	2673
Davis, Cleveland G., Manistee, Mich. Dental expander or dilator.....	815,907	Mar. 20	3909	827	121	956
Davis, Cleveland G., Manistee, Mich. Chin-support.....	837,612	Dec. 4	674	155	125	1522
Davis, Cleveland G., Manistee, Mich. Game device.....	838,087	Dec. 11	1627	351	125	1804
Davis, Daniel C., assignor of one-half to A. M. Powell, Vilonia, Ark. Baling-press.....	833,371	Oct. 16	2733	576	124	1969
Davis, Edward, and W. Dellinger, Avalon, Tex. Wheel-scraper.....	828,305	Aug. 14	1237	258	123	2002
Davis, Edward F., assignor of one-fourth to W. H. Calder, Lynn, Mass. Shears or scissors grinding apparatus.....	811,202	Jan. 30	5274	1103-4	120	1305
Davis, Edwin A., New York, N. Y. Chimney-cowl.....	832,242	Oct. 2	461	85	124	1324
Davis, Edwin C. (See Ellis and Davis.)						
Davis, Elmer E., Los Angeles, Cal. Tongue-support.....	826,922	July 24	4548	946	123	1201
Davis, Emilie P., New York, N. Y. Dress-shield.....	817,961	Apr. 17	2827	611	121	2091
Davis, Emry. (See Gillespie, George C., assignor.)						
Davis, Francis G., assignor to H. H. Babcock Company, Watertown, N. Y. Whiffletree-coupling.....	820,918	May 15	3863	823	122	978
Davis, Francis G., assignor to H. H. Babcock Company, Watertown, N. Y. Spring-platform for vehicles.....	838,956	Dec. 18	3288	711	125	2251
Davis, Frank, Jr., St. John, Ill. Shaft-tug.....	816,439	Mar. 27	5002	1062	121	1243
Davis, Frank, Atlanta, Ga. Car-heating system.....	833,510	Oct. 16	3037	644-5	124	2039
Davis, Frank E., La Crosse, Wis. Grain-drill.....	830,644	Sept. 11	1526	315	124	410
Davis, Frank E., La Crosse, Wis. Grain-drill.....	830,645	Sept. 11	1529	316	124	411
Davis, Frank J., assignor to himself, J. C. Walker, and F. R. Taisey, Indianapolis, Ind. Non-refillable bottle.....	809,249	Jan. 2	1282	261	120	282
Davis, Frank J., and A. Jameson, assignors to said Jameson for himself and as trustee, H. D. Tutewiler, and I. Dunn, Indianapolis, Ind. Non-refillable bottle.....	825,263	July 3	1159	241	123	297
Davis, Frank L., Philadelphia, Pa. Feed-bag adjustment.....	832,366	Oct. 2	695	133	124	1379

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Davis, Frank R. (See Ford, John W., assignor.)						
Davis, Frank S. (See Schaaf and Davis.)						
Davis, Fred S., Mulligan, assignor of one-half to J. C. Richardson, Robertsville, S. C. Wood distilling and preserving apparatus.	826,47	July 17	3459	718-19	123	905
Davis & Furber Machine Company. (See Rundlett, William D., assignor.)						
Davis, George A., Grand Rapids, Mich. Pedestal-table.	810,265	Jan. 16	3354	695	120	815
Davis, George B. (See Davis, William T. and G. B.)						
Davis, George H., West Orange, N. J. Electrically actuated and controlled self-playing musical instrument.	812,117	Feb. 6	1157	255	120	1724
Davis, George H., West Orange, N. J. Expression mechanism for mechanically-operated musical instruments.	824,343	June 26	4168	892	122	2798
Davis, George H., New York, N. Y. Electromagnetic mechanism for musical instruments.	829,511	Aug. 23	3730	792	123	2710
Davis, George H., Brooklyn, N. Y. Electric perforating-machine.	832,849	Oct. 9	1681	346-7	124	1657
Davis, George T., Ames, Iowa. Concrete fence-post and wire fence.	832,559	Oct. 2	1036	208	124	1463
Davis, George W. (See Uhler, Francis M., assignor.)						
Davis, George W., and J. A. Hicks, Denton, Tex. Car-step.	831,216	Sept. 18	2649	556	124	719
Davis, Grace P. (See Davis, Lewis K., assignor.)						
Davis, Harry A., assignor to Draper Company, Hopedale, Mass. Picking mechanism for looms.	812,485	Feb. 13	1945	429	120	1962
Davis, Henry S., San Francisco, Cal. Saliva-ejector.	818,940	Apr. 24	4777	1026	121	2564
Davis, Henry W., Provo, Utah. Shaft-support.	823,320	June 12	2219	463	122	2260
Davis, Herbert L., Washington, D. C. Automatic paper-perforating machine.	811,621	Feb. 6	168	37-8	120	1522
Davis, Herbert W., Fall River, Mass. Loom.	810,471	Jan. 23	3826	785	120	956
Davis, Herman, New Orleans, La. Trunk.	809,286	Jan. 9	1360	277	120	334
Davis, Horace A., and T. R. Stetson, New York, N. Y. Bottle-stopper.	835,783	Nov. 13	1784	378	125	495
Davis, J. W. (See Redding, Jacob, assignor.)						
Davis, James C., Hinsdale, Ill. Making castings.	839,560	Dec. 25	4527	966	125	2602
Davis, James H. (See Davis, Joseph D., assignor.)						
Davis, James H. (See May, Edgar B., assignor.)						
Davis, James H., Chicago, Ill. Automatic trap or valve for draining heating systems.	809,786	Jan. 9	2365	488	120	553
Davis, James H., assignor to American Radiator Company, Chicago, Ill. Radiator.	834,364	Oct. 30	4964	1051	124	2603
Davis, James H., assignor to American Engineering Specialty Co., Chicago, Ill. Thermostatic valve.	836,636	Nov. 20	3430	732	125	942
Davis, James H., assignor to American Engineering Specialty Company, Chicago, Ill. Radiator.	839,561	Dec. 25	4529	966	125	2603
Davis, James J., assignor of one-half to H. G. Roseman, St. Marys, Mo. Spring-gun.	833,372	Oct. 16	2736	576	124	1970
Davis, James L., assignor of one-fourth to W. B. Chalfant, Braznell, Pa. Cable-grip for cars.	813,040	Feb. 20	3030	667	120	2235
Davis, James P. (See Edwards and Smith, assignors.)						
Davis, James W., assignor of one-half to M. E. McBee, Alto, Tex. Can-opener.	809,673	Jan. 9	2162	447	120	507
Davis, James W. A. (See McDonald, William H., assignor.)						
Davis, John. (See Williams and Davis.)						
Davis, John B., Dayton, Ohio. Self-measuring oil-pump.	829,001	Aug. 21	2616	552	123	2383
Davis, John H., Glens Falls, N. Y. Graphite-separator.	816,303	Mar. 27	4694	997	121	1180
Davis, John S. (See Smith and Davis.)						
Davis, John W., assignor of one-half to J. W. Tennyson and F. M. Dunbar, Olney, Ill. Valve-gear for steam-engines.	827,428	July 31	5630	1165-6	123	1483
Davis, Joseph D., assignor of one-half to J. H. Davis, Peachland, N. C. Combined corn-planter and fertilizer-distributor.	812,983	Feb. 20	2923	644	120	2212
Davis, Kenneth C., Ely, Nev. Combined drilling and bolt-cutting machine.	814,589	Mar. 6	1176	246	121	255
Davis, Leonard D., Erie, Pa. Mechanism for piercing or shaping metallic ingots.	829,100	Aug. 21	2831	595	123	2441
Davis, Leonard L., assignor to W. R. Temple, Newport News, Va. Lifting-hook.	815,148	Mar. 13	2307	482	121	559
Davis, Lewis K., Indianapolis, Ind. Feed-leading device.	815,686	Mar. 20	3431	716	121	856
Davis, Lewis K., assignor to G. P. Davis, Indianapolis, Ind. Retaining-wall for reservoirs.	815,687	Mar. 20	3433	716	121	856
Davis, Linford J., Battle Creek, Mich. Fountain or feed device for poultry.	825,382	July 19	1392	292	123	380
Davis Locomotive Wheel Company. (See Westlake, Charles T., assignor.)						
Davis Locomotive Wheel Company. (See Westlake and Thomas, assignors.)						
Davis, Luther M., Portland, Oreg. Race-track starting-gate.	825,018	July 3	676	136-7	123	177
Davis, Martha E., Worthington, Minn. Fence structure.	810,626	Jan. 23	4137	855	120	1024
Davis, Martha J., St. Joseph, Mo. Implement-holder for sewing-machines.	808,639	Jan. 2	38	8	120	11
Davis, Mirabeau L. T. (See Holtzer, Abner L., assignor.)						
Davis, Nathan, et al. (See Metzger, Emanuel, assignor.)						
Davis, Nathan H., Philadelphia, Pa. Steel-back brake-shoe.	822,352	June 5	251	53	122	1781
Davis, Newton S., Montrose, Colo. Gage for saws.	836,099	Nov. 20	2348	496	125	682
Davis, Norman C., assignor of one-half to C. W. Davis, Edgeworth, Pa. Packing.	831,603	Sept. 25	3423	718	124	954
Davis, Orin C., assignor of one-half to R. G. Peters, Manistee, Mich. Buckle.	837,451	Dec. 4	348	82	125	1442
Davis, Orson W., Rochester, assignor to Gearless Transmission Company, Glens Falls, N. Y. Transmission-gear. (Reissue.)	12,544	Oct. 23	4703	996	124	2491
Davis, Owen W., Middlesboro, Ky. Ore-roasting furnace.	839,734	Dec. 25	4884	1044	125	2689
Davis, Robert J., Philadelphia, Pa. Spacing apparatus.	827,907	Aug. 7	409	88	123	1772
Davis & Roesch Temperature Regulating Company. (See Roesch, Alfred, assignor.)						
Davis, Samuel, assignor of one-fourth to G. Seckendorf, New York, N. Y. Cork-extractor.	832,540	Oct. 2	1037	208	124	1463
Davis, Samuel M., Baltimore, Md. Cotton elevator, cleaner, and feeder.	830,646	Sept. 11	1531	316	124	411
Davis Sewing Machine Company et al. (See Baumann, Gustav, assignor.)						
Davis Sewing Machine Company. (See Carlisle, William S., assignor.) (Reissue.)						
Davis, Silas N. (See McCordle and Davis.)						
Davis, Spencer, Hazelton, Kans. Cutting apparatus for mowing-machines.	816,650	Apr. 3	221	51-2	121	1409
Davis, Spencer E., Minneapolis, Minn. Feeding device for seeders or drills.	811,203	Jan. 30	5277	1104	120	1305
Davis, Spencer E., Minneapolis, Minn. Draft-equalizer.	811,703	Feb. 6	326	72	120	1558
Davis, Spencer E., Minneapolis, assignor to Monitor Drill Co., St. Louis Park, Minn. Yielding link for seeders and other machines.	811,280	Jan. 30	5425	1131	120	1338
Davis, Spurgeon J., Castlerock, Wash. Friction clutch mechanism.	825,521	July 10	1720	262	123	462
Davis, Stephen A., and F. V. Canning, New York, N. Y. Purifying chicle, gum, or other adhesive.	831,041	Sept. 18	2289	484	124	637
Davis, Stephen G., assignor of one-half to J. E. McCoy and M. Busby, Jr., Kidge Farm, Ill. Churn-power.	836,100	Nov. 20	2350	496-7	125	683
Davis, Theodore D., Boston, Mass. Lamp.	814,361	Mar. 6	734	149	121	162
Davis, Thomas, New Haven, Conn. Rotary engine.	829,853	Aug. 28	4434	936-7	123	1881
Davis, Thomas A., Findlay, Ill. Gas-light switch.	813,357	Feb. 20	3667	804	120	2371
Davis, Thomas A., Findlay, Ill. Poultry drinking-fountain.	813,954	Feb. 27	4851	1071	120	2686
Davis, Thomas A., Findlay, Ill. Cream-separator.	834,366	Oct. 30	4968	1052	124	2604
Davis, Thomas A., Findlay, Ill. Apparatus for generating gas.	836,963	Nov. 27	4141	883	125	1155
Davis, Thomas A., Findlay, assignor of one-half to C. B. Davis, Todds Point township, Ill. Plant-irrigation system.	818,356	Apr. 17	3601	771	121	2255

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. k.	Vol.	Page.
Davis, Thomas A., assignor of one-half to W. W. Harbert, Findlay, Ill. Animal-trap.	818,357	Apr. 17	3602	772	121	2255
Davis, Thomas L., Speedwell, Tenn. Violin-bridge.	809,174	Jan. 2	1084	226	120	239
Davis, Thomas V., Portland, Oreg. Letter-carrier's mail-deposit box.	817,048	Apr. 3	996	204	121	1580
Davis, Timothy J. (See Magnus and Davis.)						
Davis, Ulysses C., Pittsfield, Mass., assignor to Eaton-Huribut Paper Company, Portland, Me. Feed device for envelop-machines.	837,452	Dec. 4	349	82-3	125	1443
Davis, V. G., <i>et al.</i> (See Byrd, Britton E., assignor.)						
Davis, Walter M. (See Moses, Walter D.)						
Davis, William A., Manitou, Colo. Bottle attachment.	815,688	Mar. 20	3434	717	121	857
Davis, William A., and W. H. Samelius, Chicago, Ill. Air-stop for windows.	808,640	Jan. 2	29	9	120	11
Davis, William C., <i>et al.</i> (See Sharts, Truman P., assignor.)						
Davis, William M., Chicago, Ill., assignor, by mesne assignments, to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.	816,078	Mar. 27	4264	903	121	1087
Davis, William M., Seattle, Wash., assignor, by mesne assignments, to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system. (Reissue).	12,560	Nov. 20	3484	743	125	954
Davis, William S., Orient, N. Y. Machine for developing dry-plates in daylight.	839,120	Dec. 25	3643	785	125	2386
Davis, William T. and G. B. Hiawatha, Kans. Grass-seeder.	834,458	Oct. 30	5140	1091	124	2647
Davis, William W., Shiloh, N. J. Crate and other receptacle.	825,893	July 17	2483	517	123	663
Davis, Willie E., and W. W. Norman, Wyndal, W. Va. Switch-point connector.	817,365	Apr. 10	1614	341	121	1773
Davison, Clarence M., Newburgh, N. Y. Drying apparatus.	813,358	Feb. 20	3668	805	120	2371
Davison, George L., assignor to American Sintering Company, Chicago, Ill. Sintering comminuted ore or flue-dust.	811,040	Jan. 30	4946		120	1236
Davison, George R. (See Blake and Davison.)						
Davison, John N., Franklin Grove, Ill. Hay rake and loader.	833,309	Oct. 16	2617	548-9	124	1940
Davol, Charles J., assignor to Davol Rubber Company, Providence, R. I. Atomizer.	830,889	Sept. 11	1995	419	124	534
Davol Rubber Company. (See Davol, Charles J., assignor.)						
Davy Brothers. (See Holmes, Thomas E., assignor.)						
Davy, Charles F., Mohawk, N. Y. Fire-escape.	818,526	Apr. 24	3950	850	121	2384
Davy, Charles F., Mohawk, N. Y. Fire-escape.	827,510	July 31	5842	1210	123	1534
Davy, George W., <i>et al.</i> (See Smith, James G., assignor.)						
Daw, George W., <i>et al.</i> (See Palmer and Waterman, assignors.)						
Dawe, William R., Sheffield, England. Rotary engine.	821,707	May 29	5480	1166-7	122	1451
Dawes, John L., Pittsburg, Pa. Sign.	815,073	Mar. 13	2141	452	121	522
Dawes, John L., Pittsburg, Pa. Illuminated sign.	829,951	Sept. 4	20	5	124	6
Dawes, John T., Liverpool, England. Water-level indicator.	824,098	June 26	3702	789	122	2698
Dawkins, James, Yager, Cal. Coil-spring trap.	833,827	Oct. 23	3694	787	124	2243
Dawkins, Matthew J., Riverside, Cal. Vehicle.	828,389	Aug. 14	1402	296	123	2043
Daws, Henry J., Hopkins, assignor to S. N. Sorensen, Minneapolis, Minn. Pneumatic stacker.	811,532	Jan. 30	5879	1232-3	120	1433
Dawson, Arthur T., and G. T. Buckham, Westminster, London, assignors to Vickers Sons & Maxim Limited, Westminster, England. Breech mechanism of ordnance.	812,643	Feb. 13	2265	492-3	120	2025
Dawson, Arthur T., and G. T. Buckham, London, assignors to Vickers Sons & Maxim, Limited, Westminster, England. Mounting for recoiling guns.	818,358	Apr. 17	3603	772	121	2256
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Sons & Maxim, Limited, Westminster, London, England. Sighting apparatus for ordnance.	826,836	July 24	4377	911-12	123	1159
Dawson, Arthur T., and G. T. Buckham, Westminster, assignors to Vickers Sons & Maxim Limited, London, England. Sighting apparatus for ordnance.	838,957	Dec. 18	3289	711	125	2251
Dawson, Arthur T., Westminster, and J. Horne, Barrow-in-Furness, assignors to Vickers Sons & Maxim Limited, Westminster, England. Range-indicator for ordnance.	839,274	Dec. 25	3959	851	125	2463
Dawson, Charles, Tacoma, Wash. Truing device for flour-mill rolls.	810,627	Jan. 23	4138	855	120	1025
Dawson, Clinton E. (See Williams, Harry S., assignor.)						
Dawson, Ernest W., <i>et al.</i> (See Phillips, William R., assignor.)						
Dawson, Frederick Y., Washington, D. C. Weather-strip.	815,941	Mar. 27	3967	840	121	1021
Dawson, George E., Clare, Mich. Bag-holder.	821,929	May 29	5901	1254	122	1546
Dawson, Harold G., <i>et al.</i> (See Phillips, William R., assignor.)						
Dawson, James C., Webster Groves, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.	822,654	June 5	850	173	122	1916
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Clutch.	836,739	Nov. 27	3697	788	125	1045
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.	836,803	Nov. 27	3818	813	125	1078
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.	836,804	Nov. 27	3819	814	125	1079
Dawson, James W., assignor of one-sixth to G. Beagley, San Francisco, Cal. Automatic safety device for fluid-compressors.	827,060	July 24	4817	1003	123	1266
Dawson, John, and C. O. Rosen, Chicago, Ill. Map-case.	809,175	Jan. 2	1085	226	120	239
Dawson, Oliver B., Caldwell, N. J. Furnace for the immediate production of metal from ores.	829,574	Aug. 28	3857	818-19	123	2741
Dawson, Oliver B., Caldwell, N. J. Metallurgical process.	829,575	Aug. 28	3858	819	123	2741
Dawson, Samuel M., Kansas City, Mo. Vestibule-curtain for cars.	830,647	Sept. 11	1535	317	124	412
Dawson, William E., Berkeley Springs, W. Va. Closure-fastener for crocks, &c.	830,418	Sept. 4	1047	218	124	259
Dawson, William F., Schenectady, N. Y., assignor to General Electric Company. Wire-connector.	835,406	Nov. 6	1076	231	125	272
Day, Albert A., New York, N. Y. Sliding extensible screen.	817,471	Apr. 10	1848	387	121	1821
Day, Albertine P., Chicago, Ill. Mirror attachment for ladies' hats.	831,710	Sept. 25	3671	768	124	1023
Day, Alfred B., Knoxville, Tenn. Core-oven.	816,967	Apr. 3	842	173	121	1544
Day, Arthur M., Butte, Mont. Apparatus for smelting and converting ores.	812,186	Feb. 13	1365	297	120	1837
Day, Arthur M., Butte, Mont. Smelting and converting ores.	812,785	Feb. 13	2524	555	120	2079
Day, Benjamin, West Hoboken, N. J. Micrometrical adjustment for printing-film frames.	813,867	Feb. 27	4688	1036-7	120	2653
Day, Benjamin, West Hoboken, N. J. Universal adjuster for printing-films.	816,968	Apr. 3	844	173-4	121	1545
Day, David T., Washington, D. C. Refining and purifying hydrocarbon oils.	826,089	July 17	2871	595	123	764
Day, Edwin S., and H. B. Hubbard, Bellingham, Wash. Attachment for linotype-machines.	821,342	May 22	4740	1008	122	1235
Day, Elmer M., Detroit, Mich. Bath-tub.	819,343	May 1	626	133	122	144
Day, Harry, Detroit, Mich. Pipe-coupling.	834,891	Nov. 6	27	6	125	10
Day, Henry L., Minneapolis, Minn. Fuel-feeder.	821,930	May 29	5902	1255-6	122	1546
Day, James H. (See Parks and Day.)						
Day, Maxwell W., Schenectady, N. Y., assignor to General Electric Company. System of control for electric motors.	808,729	Jan. 2	218	46	120	50
Day, Maxwell W., Schenectady, N. Y., assignor to General Electric Company. Electric cableway system.	822,250	June 5	42	9	122	1738
Day, Maxwell W., Schenectady, N. Y., assignor to General Electric Company. Electric-motor control.	829,144	Aug. 21	2946	617	123	2471
Day, W. E. (See Wertz, Joseph E., assignor.)						
Day, Wilbur S., Thief River Falls, Minn. Attachment for coffee-pots, &c.	831,419	Sept. 18	3039	645	124	819

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Day, Winterton J., Schenectady, N. Y., assignor to General Electric Company. Rheostat for starting and controlling electric motors.	815,908	Mar. 20	3910	827	121	956
Daydé, Henri, and A. Pillé, Paris, France. Constructing masonry structures.	838,389	Dec. 11	2233	483-4	125	1951
Dayton Globe Iron Works Co. (See Huber and Folsom, assignors.)						
Dayton Hydraulic Machinery Co. (See Meyers and Hildebrandt, assignors.)						
Dayton, Melville E., <i>et al.</i> (See Gathmann, Louis, assignor.)						
De Baun, George A., deceased, Paterson, N. J.; S. E. De Baun and W. W. Welch, executors. Screen and outside-sash hinge.	822,122	Oct. 2	205	41	124	1263
De Baun, Sarah E., <i>et al.</i> , executors. (See De Baun, George A.)						
De Buren, Henri G. (See Hiss and De Buren.)						
De Caeste, Ivoe, assignor to Rochester Optical Company, Rochester, N. Y. Photographic-film package.	839,107	Dec. 25	3622	782	125	2381
De Camp, Eliphalet, <i>et al.</i> , executors. (See Creque, Allen P.)						
De Camp, Ralph E., Helena, Mont. Current-motor.	830,973	Sept. 11	2143	454	124	568
De Cardy, Frederick, assignor to White Brass Castings Co., Chicago, Ill. Metal-casting machine.	831,604	Sept. 25	3425	718-19	124	954
De Castro, Joseph W., Newark, N. J. Emergency repairer for broken umbrella-ribs.	830,307	Sept. 4	827	169	124	207
De Castro, Joseph W., Newark, N. J. Pocket for billiard and pool tables.	831,328	Sept. 18	2880	611	124	779
De Fontes, Francis, Baltimore, Md. Head-rest.	830,826	Sept. 11	1800	395	124	507
De Forest, Earl J. W. and F. I. Bradner, Ohio. Hose-coupling.	813,359	Feb. 20	3673	805	120	2372
De Forest, Fred I. (See De Forest, Earl J. W. and F. I.)						
De Forest, Lee, New York, N. Y. Wireless-telegraph system.	822,936	June 12	1402	294	122	2080
De Forest, Lee, New York, N. Y. Static valve for wireless-telegraph systems.	823,402	June 12	2355	496	122	2289
De Forest, Lee, New York, N. Y. Wireless-telegraph system.	824,003	June 19	3542	755-6	122	2606
De Forest, Lee, New York, N. Y. Oscillation-responsive device.	824,344	June 26	4777	1018	122	2929
De Forest, Lee, New York, N. Y. Oscillation-responsive device.	824,638	June 26	4780	1018	122	2930
De Forest, Lee, New York, N. Y. Wireless-telegraph system.	827,523	July 31	5877	1216-17	123	1542
De Forest, Lee, New York, N. Y. Wireless-telegraph system.	827,524	July 31	5881	1217	123	1543
De Forest, Lee, New York, N. Y. Aerophone.	833,034	Oct. 9	2028	426	124	1739
De Forest, Lee, New York, N. Y. Aerophone.	836,015	Nov. 13	2182	468	125	587
De Forest, Lee, New York, N. Y. Oscillation-responsive device.	836,070	Nov. 13	2282	486	125	613
De Forest, Lee, New York, N. Y. Oscillation-responsive device.	836,071	Nov. 13	2284	486	125	613
De Forest, Lee, New York, N. Y. Aerophone.	836,072	Nov. 13	2286	486	125	614
De Forest, Lee, New York, N. Y. Wireless telegraphy.	837,901	Dec. 4	1228	271	125	1658
De France, Murry A., assignor of three-fourths to A. H. Sisson, C. E. Krebs, and W. B. Wingter, Newark, Ohio. Brake and track-sanding mechanism.	813,691	Feb. 27	4335	954	120	2577
De Francis, Ignazio, New York, N. Y. Machine for conveying and distributing button-blanks.	833,512	Oct. 16	3040	645	124	2040
De Goll, Louis, Baltimore, Md. Combined match and cigarette box.	820,860	May 15	3717	792	122	947
De Gree, Moses E., and D. C. McAlister, Flaxton, N. D. Belt-guide.	838,958	Dec. 18	3291	712	125	2252
De Grey, Gerald, assignor of one-half to A. W. Renninger, Philadelphia, Pa. Non-refillable bottle.	823,116	June 12	1789	368	122	2165
De Grody, Martin M., St. Louis, Mo. Coffee-pot.	828,730	Jan. 2	222	47	120	51
De Groff, Andrew H., Little Genesee, N. Y. Wrench.	826,153	July 17	2981	620	123	791
De Hart, William. (See Holloway, Henry C., assignor.)						
De Haven, James, assignor of one-half to R. W. Higdon, Roanoke, Va. Non-refillable bottle.	820,100	May 8	2208	480	122	555
De Jarnatt, Hale W., Centralia, Mo. Magazine-firearm.	818,669	Apr. 24	4248	913-14	121	2450
De Jarnette, James F., Omaha, Nebr. Vehicle-wheel.	819,344	May 1	627	133	122	144
De Kubber, Abraham, Grand Rapids, Mich. Table.	831,938	Sept. 25	4123	859	124	1135
De La Corte, Antonio V., San Luis Potosi, Mexico. Extracting rubber and the like from wood.	814,675	Mar. 13	1361	285	121	356
De La Cour, Joseph C., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Dental-floss holder.	817,050	Apr. 3	999	204	121	1580
De La Croix, Jean P. H. (See Runge, Eduard, assignor.)						
De La Hunt, Reverdy C., Cedar Rapids, Iowa. Flushing-tank for sewers.	818,875	Apr. 24	4659	1000	121	2539
De La Hunt, Reverdy C., Cedar Rapids, Iowa. Flush-tank siphon.	822,512	June 5	556	112	122	1849
De La Rue and Company, Thomas. (See Sweetser, George, assignor.)						
De La Rue, Evelyn, London, England. Fountain-pen.	814,805	Mar. 13	1630	342	121	415
De La Saulx, Frederic K., Seraing, near Liege, Belgium. Supply-controlling mechanism for gas-engines.	817,193	Apr. 10	1283	266	121	1703
De La Vergne, Edward M. (See Spreyer, George S., assignor.)						
De Laitte, Leopold B. (See Rudemann, Louis, assignor.)						
De Lange, Jacob D., Raymond, Minn. Cuspidor holder and cleaner.	828,275	Aug. 7	1149	242	123	1950
De Laval Steam Turbine Company. (See Guy, Albert E., assignor.)						
De Lay, Charles, assignor of two-thirds to A. B. Hunt and C. J. Collins, Omaha, Nebr. Pipe-laying device.	809,910	Jan. 9	2593	534	120	603
De Leeuw, Adolph L., Hamilton, Ohio. Speed-controlling system.	813,201	Feb. 20	3354	737-8	120	2306
De Loach, Alonzo A., Atlanta, Ga. Sawmill-dog.	820,287	May 8	2577	559-60	122	636
De Loach, John M., Homer, La. Attachment for plows.	833,028	Oct. 9	2018	424	124	1737
De Long, Charles E., assignor to F. McIntyre, South McAlester, Ind. Ter. Banking-screw for watches.	815,271	Mar. 13	2544	535	121	613
De Long Hook and Eye Company. (See Jones, Lora, assignor.)						
De Luca, Vincenzo. (See Buccieri, Benedetto, assignor.)						
De Mantz, Baldwin, New York, N. Y. Apparatus for public amusement.	833,921	Oct. 23	3913	829	124	2300
De Mars, Frank E., New York, N. Y. Lock-bottle.	832,042	Oct. 2	33	8	124	1220
De Moss, Charles E., Indianapolis, assignor of one-half to E. F. Barker, Franklin, Ind. Tracking device for slaughter-house travelers.	808,819	Jan. 2	389	84	120	86
De Moss, Henry, Stroud, assignor of one-half to A. C. Sample, Davenport, Okla. Ter. Stalk-cutter.	833,373	Oct. 16	2737	577	124	1970
De Mott, Andrew J., <i>et al.</i> (See Lawson, Benjamin S., assignor.) (Reissue.)						
De Nike, Joseph H., Albany, N. Y. Moistening device.	817,105	Apr. 3	1088	226	121	1599
De Philippi, John. (See Herrington, Jacob, assignor.)						
De Philippi, John, <i>et al.</i> (See Herrington, Jacob, assignor.)						
De Planque, Louis R. R., and J. Biggerstaff, Yonkers, N. Y. Frame for winding armature-coils.	823,265	June 12	2113	440	122	2239
De Rome, Louis, Alameda county, Cal. Bicycle attachment.	823,161	June 12	1874	387	122	2184
De Selms, Omar C., Attica, Ind. Massage and manicure machine.	838,959	Dec. 18	3292	712	125	2252
De Sollard, Tenney C. (See Sanders, Wilbur E., assignor.)						
De Souchet, Julius T., assignor to Railroad Supply Company, Chicago, Ill. Tie-plate.	821,343	May 22	4741	1008	122	1235
De Trey & Sons, E. (See Birt, Charles S., assignor.)						
De Vall, Samuel, Hoboken, N. J., and J. Tait, New York, N. Y. Photographic appliance.	833,448	Oct. 16	2905	616	124	2011
De Vany, Charles M., <i>et al.</i> (See Elsom, William J., assignor.)						
De Vaux, Louis, assignor to Home Metallic Refrigerator Company, Albert Lea, Minn. Refrigerator.	837,453	Dec. 4	354	83	125	1444
De Vere, John, Blackburn, England. Brush.	828,540	Aug. 14	1712	361	123	2123

Alphabetical list of patents—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
De Vilbiss, Allen, Jr., Toledo, Ohio, assignor, by mesne assignments, to Toledo Computing Scale Company. Computing-scale	830,976	Sept. 11	2150	455	124	570
De Vilbiss, Allen, Jr., Toledo, Ohio, assignor, by mesne assignments, to Toledo Computing Scale Company. Computing-scale	839,736	Dec. 25	4888	1044	125	2690
De Vilbiss, Allen, Jr., Toledo, assignor, by mesne assignments, to J. F. Pixley, A. S. Wells, M. S. Park, and C. H. Pumphrey, Columbus, Ohio. Recording-lock	831,543	Sept. 25	3295	693	124	919
De Vilbiss, Allen, Jr., Toledo, assignor, by mesne assignments, to J. F. Pixley, A. S. Wells, M. S. Park, and C. H. Pumphrey, Columbus, Ohio. Recording-lock	831,544	Sept. 25	3302	694	124	921
De Vito, Angelo, New York, N. Y. Machine for making flat macaronis	812,704	Feb. 13	2373	520	120	2046
De Vito, John A., Roxbury, Mass. Variable-speed device	812,729	Feb. 13	2424	531	120	2057
De Vlieger, Edouard, Brussels, Belgium. Garment-supporting waist	836,566	Nov. 20	3303	704	125	913
De Voe, Albert H., assignor to Singer Manufacturing Company, Elizabeth, N. J. Folder for sewing-machines	814,944	Mar. 13	1870	393	121	465
De Voe, Albert H., Elizabeth, N. J., assignor to Singer Manufacturing Company. Ruffling and sewing machine	837,668	Dec. 4	782	179-80	125	1547
De Voe, Ernest S., Allenwood, N. J. Railway-tie	820,558	May 15	3125	672	122	817
De Vore, Elcharles A., and F. Swain, Indianapolis, Ind. Sprayer	835,408	Nov. 6	1079	232	125	272
De Vos, Arie, assignor of one-half to S. S. Still, Des Moines, Iowa. Electrically-wound clock	827,218	July 31	5186	1076-7	123	1376
De Voy, James F., Milwaukee, Wis. Trailing truck	820,400	May 15	2792	607	122	744
De Wallace, Harry, Watertown, N. Y. Ventilating apparatus	811,832	Feb. 6	552	122	120	1602
De Wilde, Frederick P., Chicago, Ill. Circuit-breaking apparatus	815,074	Mar. 13	2142	452	121	522
De Witt, Emma. (See Story, Milton W., assignor.)						
De Witt, Mell. (See Albert, George, assignor.)						
De Wolf, Philip, Bristol, R. I., assignor to General Fire Extinguisher Company, New York, N. Y. Fire-extinguisher	836,924	Nov. 27	4071	869	125	1138
Deacon, Rufus H., Bolingbroke, assignor to A. B. Rudd, Perth, Ontario, Canada. Mouth-organ	833,156	Oct. 16	2284	480	124	1853
Deadman, John F. (See Pemberton and Deadman.)						
Deagan, John C., Chicago, Ill. Musical bell	818,874	Apr. 24	4656	1000	121	2538
Deal, Frank L., et al. (See Woodiwiss, Jason M., assignor.)						
Deal, Jacob F., Tilton, Ga. Hand and foot power	819,523	May 1	965	211	122	216
Deal, Josiah J., Canton, Ohio. Combination-lock	820,557	May 15	3123	672	122	816
Deal, Stephen F. (See Ross and Deal.)						
Deal, Willie H., et al. (See Winterburn, Clarence L., assignor.)						
Dealy, Jacob V. (See Owen, Thomas, assignor.)						
Dean, Bayard C., Keene, N. H. Toy marine vessel	833,511	Oct. 16	3039	645	124	2039
Dean, Benjamin S., Philadelphia, Pa. Massage device	831,711	Sept. 25	3672	768	124	1024
Dean Brothers Steam Pump Works. (See Dean, John C., assignor.)						
Dean, Charles H. (See Stall, Walter T., assignor.)						
Dean, Clayton C., Ivanhoe, Ill. Amusement apparatus	816,220	Mar. 27	4537	963	121	1145
Dean, Cyrus S., Fort Erie, Canada, assignor of one-half to Sherwood Manufacturing Company, Buffalo, N. Y. Turner for flue-cleaners	821,613	May 29	5276	1125-6	122	1407
Dean, Cyrus S., Fort Erie, Canada, assignor to A. D. Jamieson, Buffalo, N. Y. Water-wheel	822,927	June 12	1386	289-90	122	2077
Dean, Cyrus S., assignor to A. D. Jamieson, Buffalo, N. Y. Steam-boiler tube and flue scraper or cleaner	834,459	Oct. 30	5141	1092	124	2647
Dean, Cyrus S., assignor to A. D. Jamieson, Buffalo, N. Y. Rotary motor or turbine	838,088	Dec. 11	1628	351	125	1804
Dean Electric Company. (See Beyland, Sidney A., assignor.)						
Dean Electric Company. (See Clement, Edward E., assignor.)						
Dean Electric Company. (See Dean, William W., assignor.)						
Dean Electric Company. (See Manson, Ray H., assignor.)						
Dean, Frank L., et al. (See Whitney, Charles E., assignor.)						
Dean, George W., Fort Erie, Canada, assignor of one-half to Sherwood Manufacturing Company, Buffalo, N. Y. Tube-cleaner	821,614	May 29	5277	1126	122	1407
Dean, James R., Randolph, Mass. Oiler	835,815	Nov. 13	1849	391	125	511
Dean, James S., Toledo, Iowa. Bridle	829,512	Aug. 28	3732	792	123	2710
Dean, John C., assignor to Dean Brothers Steam Pump Works, Indianapolis, Ind. Steam-pump	819,864	May 8	1651	352-3	122	434
Dean, John M., Lowell, Mass. Wire-cutting machine	839,121	Dec. 25	3644	786	125	2387
Dean, Julia T., Milwaukee, Wis. Envelop-moistener	830,648	Sept. 11	1537	317	124	413
Dean, Mark, East Orange, N. J. Union for pipes	815,581	Mar. 20	3206	674	121	805
Dean, Mark, East Orange, N. J. Joint for pipes	816,155	Mar. 27	4415	933	121	1119
Dean, Mark, Boston, Mass., assignor to Herendeen Manufacturing Company, Geneva, N. Y. Steam and hot-water boiler	816,567	Apr. 3	23	7	121	1359
Dean, Robert W., Chicago, Ill. Gate	826,489	July 17	3682	762	123	968
Dean, Seward A., Hastings, Minn., assignor of one-half to E. A. Cooper, Britton, S. D. Time-recorder	839,562	Dec. 25	4530	967-8	125	2603
Dean, Theodore S., et al. (See Wilcox, William W., assignor.)						
Dean, Walter M., Chicago, Ill. Syringe	829,952	Sept. 4	21	5	124	7
Dean, William, Memphis, Tenn. Coffee cooler and stoner	813,955	Feb. 27	4852	1072	120	2686
Dean, William C. (See Smith and Dean.)						
Dean, William R., McKeesport, Pa. Furniture	821,990	May 29	6014	1282	122	1571
Dean, William T., and J. G. Bergquist, Chicago, Ill. Automatic electric weighing-machine	824,979	July 3	608	122-3	123	160
Dean, William T., and R. Tschentscher, Chicago, Ill., assignors to Electric Controller and Supply Company, Cleveland, Ohio. System of control for electric motors	824,629	June 26	4761	1015	122	2926
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone system	814,118	Mar. 6	233	45	121	51
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone-transmitter	817,140	Apr. 3	1162	241	121	1618
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system	818,527	Apr. 24	3952	851	121	2384
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone-transmitter	819,267	May 1	468	98	122	109
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system	824,980	July 3	611	123	123	161
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system	825,894	July 17	2485	517	123	663
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Relay	827,964	Aug. 7	542	111	123	1807
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system	830,575	Sept. 11	1385	287	124	371
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system	832,121	Oct. 2	202	41	124	1262
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Electromagnetic device	832,181	Oct. 2	328	61	124	1292

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.....	833,733	Oct. 23	3471	741	124	2188
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.....	834,272	Oct. 30	4790	1013	124	2559
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Operator's ringing and listening key.....	836,067	Nov. 13	2272	485	125	609
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Testing system for telephone-lines.....	836,489	Nov. 20	3157	670	125	878
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Testing system for telephone-lines.....	838,525	Dec. 18	2497	540	125	2060
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Telephone-transmitter.....	823,768	June 19	3089	654	122	2507
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Harmonic signaling for party-lines.....	827,087	July 31	4889	1019	123	1298
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Automatic ringing device for telephone-exchange systems.....	838,244	Dec. 11	1967	421	125	1886
Dean, William W., assignor to Western Electric Company, Chicago, Ill. Selective signal system.....	826,317	July 17	3296	681	123	866
Deane, Herbert C., Salt Lake City, Utah. Skirt-supporter.....	810,729	Jan. 23	4314	896	120	1064
Deane, Royal E., New York, N. Y. Urn.....	833,589	Oct. 16	3195	679	124	2078
Dearborn, Charles A., New York, N. Y. Sewing-machine.....	814,025	Mar. 6	49	10	121	13
Dearborn, Charles A., New York, N. Y. Feed mechanism for sewing-machines.....	814,026	Mar. 6	58	11	121	15
Dearborn, Charles A., New York, N. Y. Stitch-forming mechanism for sewing-machines.....	814,642	Mar. 6	1275	268-9	121	276
Dearborn, John W., Derby, Conn. Rapid-fire ordnance.....	830,825	Sept. 11	1886	393-5	124	506
Deardurff, Jeremiah F., Fairfield, Iowa. Gable-door.....	823,587	June 19	2751	583	122	2433
Dearding, John F. (See Harris and Dearing.)						
Deatley, Elzie B., Sidell, Ill. Grain-lifting attachment for harvesting-machines.....	833,310	Oct. 16	2620	549	124	1941
Deaver, Edwin L., El Reno, Okla. Ter. Grain-separating machine.....	836,869	Nov. 27	3927	839	125	1105
Debold, Julius J., <i>et al.</i> (See Gulick, Frank S., assignor.)						
Debragga, Joseph H. (See Evans, William F., assignor.)						
Decarie, Felix L. (See Henry, René, assignor.)						
Decarie, Felix L., assignor to Decarie Manufacturing Company, Minneapolis, Minn. Gas-consuming furnace for crematories.....	830,974	Sept. 11	2145	454	124	569
Decarie Manufacturing Company. (See Decarie, Felix L., assignor.)						
Déchaux, Auguste, Paris, France, assignor to W. Mallman, Ruremonde, Holland. Apparatus for producing highly-ozonized air or oxygen.....	830,975	Sept. 11	2147	454-5	124	569
Deched, Constant K., assignor to International Silver Co., Meriden, Conn. Electric candle-lamp.....	835,816	Nov. 13	1850	391	125	511
Deck, Harry C., assignor of one-half to E. H. Todd, Roodhouse, Ill. Burial-vault.....	828,199	Aug. 7	1001	208	123	1916
Deckebach, Henry E., Cincinnati, Ohio. Treating and aging wort.....	830,576	Sept. 11	1390	287	124	373
Decker, Earle H., Keokuk, Iowa, a signor of one-half to G. J. Stiteley, Joliet, Ill. Baseball glove.....	812,921	Feb. 20	2791	614	120	2183
Decker, Frank L., Sand Fork, W. Va. Churn.....	817,049	Apr. 3	997	204	121	1580
Decker, Harry R., Houston, Tex. Drill.....	829,633	Aug. 28	3986	843-4	123	2772
Decker, Harry R., Houston, Tex. Drill.....	829,634	Aug. 28	3988	844	123	2773
Decker, Harry R., Houston, Tex. Drill.....	829,635	Aug. 28	3989	844-5	123	2773
Decker, Harry R., Beaumont, Tex. Drilling wells.....	834,367	Oct. 30	4969	1053	124	2605
Decker, Melvin, Vicksburg, Mich. Stove.....	835,301	Nov. 6	848	179	125	214
Decker, Phillip J., San Francisco, Cal. Rotary engine.....	811,204	Jan. 30	3278	1104-5	120	1306
Decker, William H. (See Warden, Manns, and Decker.)						
Decker, William M., Buffalo, N. Y. Smoking-pipe.....	825,811	July 10	2330	486	123	614
Decker, William W. K., <i>et al.</i> (See Driver, Charles H., assignor.)						
Deckert, James W., Oakville, Canada. Pneumatic hair-collector.....	825,961	July 17	2611	543	123	698
Décor, Paul, Oran, Algeria. Rotary engine.....	817,472	Apr. 10	1830	387-9	121	1822
Deeks, Hiram C. J., Paterson, N. J. Material for printing multiple photographs.....	834,048	Oct. 23	4288	910	124	2387
Deemer, Selden S., New Castle, Del. Railway-rail joint.....	824,099	June 26	3704	790	122	2699
Deere and Company. (See Melvin, Charles H., assignor.)						
Deere & Company. (See Mixer, George W., assignor.)						
Deere & Company. (See Sklovsky, Max, assignor.)						
Defays, Victor, Brussels, Belgium. Reverberatory furnace for the production of steel.....	825,522	July 10	1723	362	123	463
Defenbaugh, Andrew, Laurelville, Ohio. Vehicle-wrench.....	811,549	Feb. 6	24	6	120	1490
Defiance Lantern & Stamping Company. (See Hill, James H., assignor.)						
Defiance Machine Company. (See Ocumpaugh, Edmund, assignor.)						
Defiance Machine Works. (See Ensign, George A., assignor.)						
Degen, Julius. (See Lea and Degen.)						
Degen, Julius. (See Lea and Degen.) (Reissue.)						
Degen, Julius, assignor, by mesne assignments, to Lea Degen Pump Company, Trenton, N. J. Means for balancing centrifugal pumps.....	814,902	Mar. 13	1792	375-6	121	449
Degener, Paul A., Chicago, Ill. Bottle-locking mechanism.....	833,446	Oct. 16	2902	615	124	2010
Degenhardt, Johannes, Berlin, Germany. Glass roof.....	825,895	July 17	2487	517	123	664
Degenhardt, Johannes, Berlin, Germany, assignor to W. F. Plass, New York, N. Y. Skylight. (Reissue).....	12,432	Jan. 2	1339	272	120	295
Degenhardt, Johannes, Berlin, Germany, assignor to W. F. Plass, New York, N. Y. U-bar for glass roofs and glass walls.....	838,693	Dec. 18	2825	606	125	2141
Degnan, Michael H., Nashua, N. H. Selective signal for telephone systems.....	835,704	Nov. 13	1624	345-6	125	452
Dehart, Charles C. (See Conch, John E., assignor.)						
Dehart, Lucy W., assignor to Weldeyer and Betts, New York, N. Y. Scalp-comb.....	816,221	Mar. 27	4538	964	121	1146
Dehler, Edward, Wonewoc, Wis. Cement fence-post.....	833,127	Oct. 9	2218	466	124	1791
Dehler, Matthew F., Syracuse, N. Y. Inking-fountain for printing-presses.....	835,784	Nov. 13	1786	378	125	495
Dehn, Frederick D., <i>et al.</i> (See Barry, Jefferson D., assignor.)						
Dehnelt, Erich. (See Reinking, Dehnelt, and Labhardt.)						
Dehullu, Emil P. (See Meyer and Dehullu.)						
Deiller, Martin, Newark, N. J. Tobacco-stripper.....	813,868	Feb. 27	4693	1037-9	120	2654
Deiller, Martin, Newark, N. J. Shaft-clutch.....	813,869	Feb. 27	4697	1039	120	2654
Deily, Jacob R., Philadelphia, Pa. Trolley.....	820,481	May 15	2954	640	122	779
Deimel, Rudolph, Chicago, Ill. Sofa-bed.....	836,246	Nov. 20	2684	570	125	764
Deis, Philip H., Washington, D. C. Pump.....	823,207	Dec. 12	1985	413-14	122	2210
Deisenhofer, Georg, Munich, assignor to Deutsche Telephonwerke R. Stock & Co., G. m. b. H., Berlin, Germany. Fuse.....	825,879	July 10	2455	512	123	644
Deister, Emil, Fort Wayne, Ind. Ore-concentrator.....	810,847	Jan. 23	4530	943	120	1110
Deitsch Brothers. (See Slattery, William H., assignor.)						
Deitz, Anna T. (See Deitz, Henry, assignor.)						
Deitz, Henry, assignor to A. T. Deitz, Denver, Colo. Rock-drill.....	833,875	Oct. 23	3804	807-8	124	2275
Dejonge, Louis, Jr., New York, N. Y. Collapsible screen.....	820,769	May 15	3511	753	122	902
Dejonge, Louis, Jr., New York, N. Y. Folding crib.....	823,321	June 12	2220	463	122	2261

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Del Campo, Carmelo, New York, N. Y. Electric apparatus for preventing train wrecks.	826,231	July 17	3134	651	123	825
Del Guerra, Oreste, assignor to K. E. Stacey, Chicago, Ill. Bottle-stopper.	829,145	Aug. 21	2949	617	123	2471
Del Lungo, Carlo, Spezia, Italy. Means of reducing the resistance to the motion of vessels through water.	829,077	Aug. 21	2780	585	123	2427
Del Mar, Harry, New York, N. Y. Mailing-tube sheet and wrapper.	812,187	Feb. 13	1369	298	120	1838
Del Mar, Harry, New York, N. Y. Steam-boiler.	817,418	Apr. 10	1730	364	121	1797
Del Mar, Harry, New York, N. Y. Water-tube boiler.	828,600	Aug. 14	1825	384	123	2153
Del Mar, Harry, New York, N. Y., assignor to Boilers and Engineering Company, Jersey City, N. J. Water-tube boiler.	822,857	June 5	1240	255	122	1998
Del Mar, Harry, New York, N. Y., assignor to Boilers and Engineering Company, Jersey City, N. J. Water-tube boiler.	822,885	June 5	1293	266	122	2009
Del Mar, Harry, New York, N. Y., assignor to Boilers and Engineering Company, Jersey City, N. J. Water-tube boiler.	823,264	June 12	2112	440	122	2238
Del Mar, Harry, New York, N. Y., assignor to Boilers and Engineering Company, Jersey City, N. J. Gage-glass holder.	827,713	Aug. 7	33	8	123	1678
Del Proposto, Cesidio, Nicolaieff, Russia. Operation of ships' propellers.	832,622	Oct. 9	1224	246	124	1548
Dela Mar, Joseph, New York, assignor of one-half to J. J. Nichols, Brooklyn, N. Y. Propeller for marine vessels.	823,476	June 12	2505	526	122	2321
Delaney, James G., and A. Lambert, Newark, N. J. Fall-rope carrier.	829,513	Aug. 28	3733	793	123	2710
Delaney, James G., and A. Lambert, Newark, N. J. Fall-rope carrier.	829,911	Aug. 28	4555	960-1	123	2911
Delaney, John S. (See Robertson and Delaney.)						
Delaney, Martin J., Silver Creek, Pa. Safety device for elevators.	837,804	Dec. 4	1042	232	125	1612
Delano, Frederic A., Chicago, Ill. Box-car.	810,472	Jan. 23	3829	786	120	957
Delano, Frederic A., Chicago, Ill. Box-car door.	816,651	Apr. 3	223	52	121	1410
Delano, Frederic A., Chicago, Ill. Railway-tie plate.	835,602	Nov. 13	1447	310	125	409
Delano, John F., New Bedford, Mass. Scraper.	822,928	June 12	1388	290	122	2078
Delany, James H., Wilkinsburg, Pa. Oil-break device for electric switches and circuit-breakers.	819,524	May 1	967	212	122	217
Delany, John F., Colona Station, Ill. Apparatus for separating and grading grain.	823,322	June 12	2222	464	122	2261
Delany, Patrick B., South Orange, N. J. Wireless telegraphy.	808,641	Jan. 2	40	9	120	11
Delany, Patrick B., South Orange, N. J. Telegraphic keyboard apparatus.	808,642	Jan. 2	43	9	120	12
Delany, Patrick B., South Orange, N. J. Circuit-controlling keyboard apparatus.	836,307	Nov. 20	2805	595	125	796
Delany, Patrick B., South Orange, N. J., assignor, by mesne assignments, to Telepost Company. Telegraphic-tape perforator.	835,013	Nov. 6	270	59	125	71
Delassue, Joseph, Paris, France. Device for automatically regulating the supply of steam to gas-producers.	829,060	Aug. 21	2748	577	123	2418
Delauay-Belleville, Louis M. G., Neuilly-sur-Seine, France. Device for lubricating under pressure.	817,629	Apr. 10	2140	453	121	1882
Delauay-Belleville, Louis M. G., Neuilly-sur-Seine, France. Oil-pump.	817,630	Apr. 10	2142	454	121	1882
Delauay-Belleville, Louis M. G., Neuilly-sur-Seine, France. Lubricating-pump.	813,678	Oct. 16	3355	713-14	124	2117
Delaval Steam Turbine Company. (See Guy, Albert E., assignor.)						
Delavan, Frederick M. and S. E., Chicago, Ill. Pompadour-wave.	816,969	Apr. 3	849	175	121	1546
Delavan, Sophia E. (See Delavan, Frederick M. and S. E.)						
Delavan, Willard M. (See Bruce and Delavan.)						
Delavan, Willard M., Pittsfield, Mass., and W. I. T. Fosdick, Bridgeport, Conn., assignors to Triumph Voting Machine Company, Pittsfield, Mass. Friction device for voting-lever shafts.	817,473	Apr. 10	1853	389	121	1822
Delephant, John J., Chicago, Ill. Combined reamer and die-stock.	816,304	Mar. 27	4696	997	121	1180
Delephant, John J., Chicago, Ill. Pipe-cutter.	837,805	Dec. 4	1043	233	125	1612
Delf, William, Willesden, London, England. Collar stand or support.	821,026	May 22	4111	874	122	1095
Delhay, Hubert F. (See Robichaux, Caillouet, and Delhay.)						
Deline, Charles E. (See Thomas and Deline.)						
Delisle, Napoleon, St. Tite, Canada. Wrench.	812,551	Feb. 13	2097	460	120	1994
Delk, John T., Ivor, Va. Peanut-thresher.	829,097	Jan. 2	957	199	120	212
Dellamore, Albert, S. T. and A. M. Norton, Los Angeles, Cal. Apparatus for mixing and making plaster and mortar.	816,156	Mar. 27	4416	933-4	121	1119
Dellinger, Abraham M. (See Stoll, John, assignor.)						
Dellinger, William. (See Davis and Dellinger.)						
Dellwik, Carl, London, England, assignor to J. E. Goldschmid, Frankfort-on-the-Main, Germany. Nodulizing ores, &c.	822,929	June 12	1389	290	122	2078
Delphos Can Company. (See Leilich and Burger, assignors.)						
Delude, Misael, North Brookfield, Mass. Machine for vending postage-stamps.	823,769	June 19	3092	654-5	122	2507
Demarest, David C., Angels Camp, Cal. Rock-drill.	813,041	Feb. 20	3031	667	120	2236
Demarest, David C., and G. Lillie, assignors to Angels Iron Works, Angels Camp, Cal. Suction-valve.	825,588	July 10	1858	394	123	495
Demarest, Ernest, Patterson, La. Machine for pointing pickets.	826,547	July 24	3813	790	123	1014
Demarest, James G., West Hoboken, N. J., assignor to C. A. Baker, New York, N. Y. Hot-water heating system.	821,991	May 29	6016	1283	122	1571
Demarest, John, Binghamton, N. Y. Water-heater.	824,709	July 3	24	4	123	10
Demartini, Frank L., St. Louis, Mo. Tray-support.	817,301	Apr. 10	1498	314	121	1747
Demartini, Frank L., St. Louis, Mo. Extensible bracket.	823,588	June 19	2752	583	122	2433
Dement, Isaac S., East Orange, N. J., assignor to American Mechanical Cashier Company, New York, N. Y. Register.	818,235	Apr. 17	3372	722-4	121	2207
Dement, Isaac S., East Orange, N. J., assignor to American Mechanical Cashier Company, New York, N. Y. Inking and recording mechanism.	833,029	Oct. 9	2019	425	124	1737
Dement, Isaac S., New York, N. Y., assignor, by mesne assignments, to City Trust Company of New York, trustee. Cash-recorder.	828,021	Aug. 7	665	136-8	123	1835
Dement, Isaac S., East Orange, N. J., and F. J. Hull, Brooklyn, N. Y., assignors, by mesne assignments, to City Trust Company of New York, trustee. Keyboard-locking mechanism for mechanical cashiers, registers, and recorders.	813,360	Feb. 20	3674	805-6	120	2373
Dement, Isaac S., East Orange, N. J., and F. J. Hull, Brooklyn, N. Y., assignors, by mesne assignments, to American Mechanical Cashier Company. Register.	818,234	Apr. 17	3369	721-2	121	2207
Dement, Wallace E., Blaine, Wash. Cattle-guard.	812,984	Feb. 20	2926	644	120	2213
Demetrak, Constantine, assignor to American Briquetting Co., San Francisco, Cal. Briquetting-machine.	820,288	May 8	2579	561	122	637
Deming, Frank M., Flagstaff, Me. Safety-lock for firearms.	835,349	Nov. 6	953	203	125	241
Deming, Macey F., Tappan, N. Y. Percentage milk-diluting vessel.	831,939	Sept. 25	4125	860	124	1135
Deming, William M., Carthage, S. D. Slip-clevis.	835,666	Nov. 13	1562	334	125	437
Demmer, George. (See Wendelin and Demmer.)						
Demming, William J., Horley, England. Machine for the manufacture of glass bottles and the like.	814,191	Mar. 6	365	75	121	79
Demo, George A., Newport, Minn. Window-shade fastening.	818,359	Apr. 17	3604	772	121	2256
Demo, George A., Duluth, Minn. Match-box.	828,094	Aug. 7	816	169	123	1873
Dempsey, Frederick M., Vallejo, Cal. Wave-motor.	819,006	Apr. 24	4906	1054	121	2593
Dempster, John T., Schenectady, N. Y., assignor to General Electric Company. Flicker-photometer.	815,800	Mar. 20	3685	777	121	909

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr:g.	Vol.	Page.
Dempster, John T., Schenectady, N. Y., assignor to General Electric Company. Spring-support for measuring instruments.	839,368	Dec. 25	4133	887	125	2507
Dempster, John T. H., Schenectady, N. Y., assignor to General Electric Company. Electric lamp.	821,470	May 22	4998	1063	122	1291
Dempster Mill Manufacturing Company. (See Smethers, James A., assignor.)						
Demsky, Enoch, St. Louis, Mo. Vehicle-body construction.	813,956	Feb. 27	4855	1072	120	2687
Demsky, Enoch, and C. Redecker, assignors to Moon Brothers Carriage Company, St. Louis, Mo. Vehicle-body.	826,491	July 17	3685	763	123	969
Deneen, Dennis, Glencoe, Minn. Gravity dust-collector.	823,463	June 12	2471	522	122	2313
Denegre, Edward, Chicago, Ill. Dust-guard.	810,039	Jan. 16	2879	594-5	120	716
Denegre, Edward, assignor to McCord & Company, Chicago, Ill. Dust-guard.	810,038	Jan. 16	2877	594	120	716
Denegre, Edward, assignor to McCord & Company, Chicago, Ill. Axle-box cover.	817,753	Apr. 17	2371	509	121	1989
Denegre, Edward, assignor to McCord & Company, Chicago, Ill. Car-axle box.	828,845	Aug. 14	2301	491	123	2274
Dengler, Ernest, Gibbon, Nebr. Door-securer.	817,962	Apr. 17	2828	611	121	2091
Denis, Jules E. G., and L. M. J. de Boisse, Paris, France. Driving-axle for automobile vehicles.	812,118	Feb. 6	1160	255	120	1724
Denis, Maurice, Mons, Belgium. Machine for producing threads from collodion and recovering the solvents of nitrocellulose or cellulose.	834,460	Oct. 30	5143	1092	124	2648
Denison, Francis N., Victoria, Canada. Tea strainer and infuser.	823,670	June 19	2916	617	122	2471
Denison, Harry E., and H. H. Blake, Auburn, N. Y. Wedge.	824,415	June 26	4331	922	122	2831
Denison, Harry E., and H. H. Blake, Auburn, N. Y. Wedge.	830,214	Sept. 4	639	128	124	162
Denison, Linus S. (See Shatto and Denison.)						
Denmead, John W. (See Palmer and Denmead.)						
Denmead, John W., Akron, Ohio, assignor to Diamond Match Company, New York, N. Y. Machine for making match-boxes.	822,251	June 5	45	9-10	122	1739
Denmead, John W., Akron, assignor to E. C. Prince and C. C. Patterson, Barberton, Ohio. Water-heater.	811,388	Jan. 30	5623	1177	120	1381
Denne, Mark T., Rushden, England. Thread-measuring mechanism for boot and shoe sewing machines.	818,360	Apr. 17	3605	773	121	2256
Denne, Mark T., Rushden, England. Machine for rounding or trimming and channeling boot and shoe outer soles and the like.	837,287	Dec. 4	31	10-11	125	1362
Dennett, Charles. (See Wyman, Dennett, and Tinkham.)						
Denney, Joseph M., Huntsville, Wash. Fastening device.	834,273	Oct. 30	4793	1013	124	2560
Dennin, William H., Troy, N. Y. Brush.	826,408	July 17	3462	719	123	905
Denning, Joseph M., Cedar Rapids, Iowa. Wire-fence-making machine.	816,538	Mar. 27	5198	1103-5	121	1287
Denning, Patrick F., Newark, N. J. Clamp.	808,731	Jan. 2	222	47	120	51
Denning, Patrick F., Newark, N. J. Hat-hanger.	818,421	Apr. 24	3737	803	121	2339
Dennis, Adam, Findlay, Ohio. Adjustable window-shade and curtain-bracket.	824,067	June 19	3651	777	122	2629
Dennis, Adolphus S., Cleveland, Ohio. Adding and recording machine.	813,361	Feb. 20	3677	806-8	120	2373
Dennis, Adolphus S., assignor, by mesne assignments, to National Adding Machine Company, Cleveland, Ohio. Combined type-writer and adding-machine.	817,302	Apr. 10	1500	314	121	1747
Dennis, Adolphus S., assignor, by mesne assignments, to National Adding Machine Company, Cleveland, Ohio. Combined number recording and adding machine.	819,865	May 8	1653	353-5	122	434
Dennis, Alfred A., assignor of one-half to Royal Furniture Company, Grand Rapids, Mich. Veneer-gluing machine.	838,089	Dec. 11	1629	351	125	1804
Dennis, Carey, assignor of one-half to N. Wagner, G. E. Shirley, and W. V. Hatten, Carthage, Mo. Boiler-trap.	830,649	Sept. 11	1538	317	124	413
Dennis, Decatur D., Prosser, Wash. Water-elevator.	833,311	Oct. 16	2621	549-50	124	1941
Dennis, George W., Harvey, Ill. Tie-plate.	831,266	Sept. 18	2759	581	124	748
Dennis, Harry H., Lunda, Ohio. Shield attachment for cultivators.	810,628	Jan. 23	4140	855	120	1025
Dennis, Harvey, Seattle, Wash. Automatic switch.	832,243	Oct. 2	462	86	124	1325
Dennis, John J., assignor of one-half to F. W. Fullmer and F. E. Ball, Chicago, Ill. Adjustable shade for windows or the like.	835,603	Nov. 13	1449	310	125	409
Dennis, Joseph A. (See Jones and Dennis.)						
Dennis, Sam. (See Reily, John P., assignor.)						
Dennis, Samuel A., Los Angeles, Cal. Faucet.	829,695	Aug. 28	4114	871	123	2803
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Reel-adjusting mechanism for harvesters.	829,061	Aug. 21	2752	578	123	2419
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Platform adjustment for harvesters.	829,101	Aug. 21	2832	595	123	2442
Dennis, Thomas L., New York, N. Y. Type-writing machine.	832,244	Oct. 2	466	86	124	1325
Dennis, William B., Blackbutte, Ore. Treating substances by the aid of heat.	833,679	Oct. 16	3357	715-16	124	2117
Dennis, William B., Blackbutte, Ore. Apparatus for treating substances by the aid of heat.	833,680	Oct. 16	3367	716-17	124	2118
Dennison, James E., Medford, Mass. Self-chalking chalk-line.	837,806	Dec. 4	1044	233	125	1612
Dennison Manufacturing Co. (See Portmore, Thomas G., assignor.)						
Dennison, Wilburn N., Camden, N. J., assignor to Victor Talking Machine Company. Amplifying-horn for talking-machines.	832,896	Oct. 9	1778	366	124	1680
Dennison, William H., Alaska, W. Va. Wrench.	838,173	Dec. 11	1815	388	125	1852
Denny, Hosea N., and T. W. Richards, Brooklyn, N. Y. Liquid-meter.	818,017	Apr. 17	2937	635	121	2115
Denny, John T., Cromartie, N. C. Distilling turpentine.	834,875	Oct. 30	5978	1270-1	124	2859
Denphs, Peter, Michigamme, Mich. Pressure and moving jack.	811,131	Jan. 30	5129	1071	120	1272
Densmoor, Frank, Markesan, Wis. Rotary cutter and topper.	810,397	Jan. 23	3676	757	120	921
Densmore Typewriter Company. (See Barron and Merritt, assignors.)						
Densmore Typewriter Company. (See Merritt and Barron, assignors.)						
Densmore Typewriter Company. (See Smith, George H., assignor.)						
Denson, Arthur B., Beloit, Wis. Sandpapering-machine.	812,119	Feb. 6	1162	256	120	1725
Dent, Joshua H. (See Hatfield, James I., assignor.)						
Dentler, Frank, Vicksburg, Mich. Door.	814,192	Mar. 6	367	75	121	80
Denton, Earl P., and A. W. Nator, Frankfort, Ky. Automatic call-indicator for telephones.	838,850	Dec. 18	3110	670	125	2211
Denton, Gilbert H., Denver, Colo. Landing-chair for mining-cages.	809,176	Jan. 2	1087	226-7	120	239
Denton, John, Paterson, N. J. Flushing apparatus.	833,681	Oct. 16	3378	718	124	2119
Denton, Samuel, and E. S. Veen, assignors to R. P. Reckards, Great Falls, Mont. Rotary explosive-motor.	827,511	July 31	5844	1210-11	123	1534
Denver Tent and Awning Company. (See Roth, Charles C., assignor.)						
Denzer, August. (See Hoehne and Denzer.)						
Depew, Charles M., and H. E. McCoy, assignors to Pumice Stone Construction Company, San Francisco, Cal. Building material.	815,801	Mar. 20	3687	121	909	
Depew, George M., Canandaigua, N. Y. Hay-cap retainer.	821,862	May 29	5767	1228	122	1516
Deport, Joseph A., Paris, France. Pneumatic recoil apparatus.	838,694	Dec. 18	2826	606-7	125	2141
Deppe, Dennis F. (See Hackburn, Willett, and Deppe.)						
Deppe, Nelson R., Deppe, N. C. Kilt-door.	812,728	Feb. 13	2423	531	120	2057
Derbes, Stephen J., New Orleans, La. Electric signal for weighing-scales.	833,447	Oct. 16	2903	616	124	2010
Derby, Harold R., assignor to S. L. Hill, Jerseyville, Ill. Spring-roller for window-shades.	809,098	Jan. 2	962	199	120	213

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
Derby, John H., Brookline, Mass. Automatic valve for fire-extinguishers.....	810,040	Jan. 16	2880	595	120	716
Derdeyn, Roman, Vicksburg, Miss. Delinting-machine.....	820,957	May 22	3955	841-2	122	1060
Déri, Max, Vienna, Austria-Hungary, assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Alternating-current motor.....	809,787	Jan. 9	2367	488	120	553
Déri, Max, Vienna, Austria-Hungary, assignor to Stanley Electric Manufacturing Company. Alternating-current machine.....	835,407	Nov. 6	1077	232	125	272
Derr, Frank P., Baltimore, Md. Single-track railway.....	821,863	May 29	5768	1228	122	1516
Derr, Franklin S., Allentown, Pa. Slate-cutting machine.....	834,002	Oct. 23	4195	889	124	2363
Derryberry, Joseph M., Guymon, Okla. Ter. Post-hole auger.....	819,739	May 8	1398	301	122	373
Derulelle, Nelson W. (See Pollock and Deruelle.)						
Dery, Louie T., Montpelier, N. D. Flush-valve.....	832,043	Oct. 2	33	8	124	1220
Des Anges, Henry L. (See Petrie and Des Anges.)						
Des Jardins, Gideon J., deceased, Cary Station, Ill.; F. O. Beck, administrator. Sled...	828,539	Aug. 14	1709	360	123	2122
Desel, Charles L. (See Richmond, George E., assignor.)						
Desgrandchamps, Emile, Paris, France. Multiple duplicating apparatus for sound-producing records.....	824,710	July 3	26	4	123	10
Desouches, Bernard. (See Bardou, Clerc, and Desouches.)						
Despradelle, Désire. (See Codman and Despradelle.)						
Desrosiers, Eugénie, <i>et al.</i> (See Desrosiers, Odilon, assignor.)						
Desrosiers, Odilon, Louiseville, assignor to D. F. Reaulme, Montreal, and E. Desrosiers, Louiseville, Canada. Self-closing paper-bag machine.....	822,252	June 5	48	11	122	1739
Desrumaux, Henri, Paris, France. Filtering, purifying, and decanting apparatus.....	809,099	Jan. 2	963	200	120	213
Desseaur Vertical-Oien Gesellschaft m. b. H. (See Körting, Ernst, assignor.)						
Desy, Irene, assignor of one-half to D. M. Crowley and G. M. Stone, Lewistown, Mont. Sulky-plow.....	839,122	Dec. 25	3646	786-7	125	2387
Determan, James, New York, N. Y. Tie-holder for shoes.....	819,413	May 1	763	163	122	217
Detmer, Henry. (See Kolby, Nicolaus, assignor.)						
Detmers, Henry J., Columbus, Ohio. Hypodermic syringe.....	836,367	Nov. 20	2910	617	125	818
Détré, Léon, Rheims, France. Winding silk to facilitate treatment thereof.....	833,374	Oct. 16	2739	577	124	1971
Detrick, Jacob S., Baltimore, Md. Bracket.....	823,162	June 12	1875	387-8	122	2184
Detrick, Jacob S., Baltimore, Md. Headlight control for automobiles.....	823,163	June 12	1878	388	122	2185
Detroit Saw & Tool Works. (See Kinney, Israel, assignor.)						
Detroit Trust Co., trustee. (See Wood, Henry A. W., assignor.)						
Dettenborn, Louis F., Hartford, Conn. Lifting-clamp for plate-glass.....	836,740	Nov. 27	3698	789	125	1046
Detting, Jacob, <i>et al.</i> (See Selzer, Mitchell J., assignor.)						
Deuberry, William C., Greenfield, Tenn. Railway-rail joint.....	831,542	Sept. 25	3294	693	124	918
Deuerling, Fred. (See Colborne and Deuerling.)						
Deuerling, Fred, Chicago, Ill. Tilting back and head rest for beds.....	828,720	Aug. 14	2058	433	123	2211
Deutsch, Isidor, assignor to Electric and Train Lighting Syndicate, Limited, Montreal, Quebec, Canada. Flexible support for machines mounted on an axle.....	839,735	Dec. 25	4886	1044	125	2690
Deutsch, Ludwig. (See Schlatter and Deutsch.)						
Deutsch, William, Baltimore, Md. Key and knob clamp.....	820,919	May 15	3865	823	122	978
Deutsche Gasglühlicht-Aktiengesellschaft. (See Süssmann, Heinrich, assignor.)						
Deutsche Schiffs Feuerlöschgesellschaft mit Beschränkter Haftung. (See Orth, Ludwig von, assignor.)						
Deutsche Telephonwerke R. Stock & Co., G. m. b. H. (See Avén, Johan A., assignor.)						
Deutsche Telephonwerke R. Stock & Co., G. m. b. H. (See Deisenhofer, Georg, assignor.)						
Deutsche Tiefbohr-Aktien-Gesellschaft. (See Fricb and Nöllenburg, assignors.)						
Devan, Andrew, Missoula, Mont. Cattle-guard.....	810,328	Jan. 16	3483	720	120	843
Deveney, Eber W., Augusta, Ga. Cotton scraper and cultivator.....	831,267	Sept. 18	2761	581	124	749
Devenney, John F. and N. P., Blandon, Iowa. Corn-planter.....	824,176	June 26	3849	821	122	2731
Devenney, Neal P. (See Devenney, John F. and N. P.)						
Devenny, Charles A., Welch, W. Va. Brake-adjuster.....	834,110	Oct. 23	4440	943	124	2424
Dever, Vincent A., Philadelphia, Pa. Rain-alarm.....	819,525	May 1	968	212	122	217
Devereux, Walter B., Glenwood Springs, Colo. Agitating device.....	815,272	Mar. 13	2545	535	121	613
Devers, William J., Scranton, Pa. Steel rail.....	837,454	Dec. 4	355	82	125	1444
Devers, William J., assignor of two-thirds to D. R. Lathrop and C. W. Treverton, Scranton, Pa. Slate-picking machine.....	816,901	Apr. 3	702	145	121	1514
Devillers, Octave, Jumet, Belgium. Manufacture of plates or slabs imitating marble.....	817,963	Apr. 17	2829	121	121	2092
Devlin, Lee A., and F. S. Atkins, Oakland, Cal. Car fender and brake.....	812,022	Feb. 6	997	218	120	1691
Devine, Robert E., Hamilton, Ontario, Canada, assignor to International Silver Company, Meriden, Conn. Machine for embossing metal hollow ware.....	835,100	Nov. 6	461	93	125	121
Devine, William P., assignor of one-half to W. E. Drake, Boston, Mass. Jewelry-box.....	830,577	Sept. 11	1391	287	124	373
Devis, Charles. (See Shafer and Devis.)						
Dewar, James, Cambridge, England. Absorbing gases or vapors and the production of high vacuums.....	815,942	Mar. 27	3968	841	121	1021
Dewes, Abednego, New York, N. Y. Tire for vehicle-wheels.....	810,921	Jan. 30	4721	985	120	1185
Dewes, Arthur B., St. Louis, Mo. Combination statement and envelop.....	826,492	July 17	3687	763-4	123	969
Dewett, Charles H., and W. J. Griffiths, London, England. Locking device for screws and nuts.....	821,471	May 22	4999	1063	122	1291
Dewey, Chauncey E., assignor to American Zinc and Chemical Company, Denver, Colo. Apparatus for converting zinc-sulfate solution into zinc oxid.....	815,516	Mar. 20	3084	642-3	121	779
Dewey, Chauncey E., assignor to American Zinc and Chemical Company, Denver, Colo. Roasting or oxidizing furnace.....	828,095	Aug. 7	818	169-70	123	1873
Dewey, Henry H., Cleveland, Ohio. Corner-stay.....	825,523	July 10	1725	363	123	464
Dewey, Josiah A., San Francisco, Cal. Folding bed.....	835,817	Nov. 13	1851	391	125	511
Dewhurst, Nathan, J. W. Moore, and R. T. Griffiths, Accrington, England. Simultaneous locking of doors of railway-carriages.....	815,943	Mar. 27	3970	841	121	1021
Dewing, Fred M. (See Gale and Dewing.)						
Dews, Thomas C., Alexandria, Ind. Wagon.....	834,368	Oct. 30	4971	1053	124	2605
Dewson, Edward H., Edgewood Park, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Electric-pump governor.....	834,274	Oct. 30	4794	1014	124	2560
Dexter, Avelyn I., Birmingham, Ala. Making concrete building-walls.....	836,368	Nov. 20	2912	617	125	818
Dexter, Avelyn I., Birmingham, Ala. Making concrete building-walls.....	836,369	Nov. 20	2913	617	125	819
Dexter Folder Company. (See Dexter, Talbot C., assignor.)						
Dexter, Himan C. (See Dexter, Marshall C., assignor.)						
Dexter, Marshall C., assignor to H. C. Dexter, New York, N. Y. Safety-pocket.....	813,362	Feb. 20	3682	809	120	2374
Dexter, Talbot C., Pearl River, N. Y. Friction-clutch.....	815,909	Mar. 20	3912	827-8	121	957
Dexter, Talbot C., Pearl River, N. Y. Bundling-press.....	819,740	May 8	1399	301	122	373
Dexter, Talbot C., Pearl River, N. Y. Bundling-press.....	819,983	May 8	1931	427	122	490
Dexter, Talbot C., Pearl River, N. Y. Bundling-press.....	819,984	May 8	1937	428	122	492
Dexter, Talbot C., Pearl River, N. Y. Power-transmitting mechanism.....	820,920	May 15	3866	823-4	122	979
Dexter, Talbot C., Pearl River, N. Y. Power-transmitting mechanism.....	821,864	May 29	5769	1228-9	122	1516
Dexter, Talbot C., Pearl River, N. Y. Paper-feeding machine.....	829,854	Aug. 28	4436	937-8	123	2882

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Dexter, Talbot C., Pearl River, N. Y. Combined paper cutting and smashing machine.	836,637	Nov. 20	3432	733	125	942
Dexter, Talbot C., assignor to Dexter Folder Company, Pearl River, N. Y. Folding-machine.	826,998	July 24	4676	974-6	123	1232
Dexter, Talbot C., and C. O. L. Cardell, Pearl River, N. Y.; said Cardell assignor to said Dexter. Bundling-press.	819,741	May 8	1400	301-2	122	373
Dexter, Talbot C., and H. Hallstream, Pearl River, N. Y.; said Hallstream assignor to said Dexter. Sheet-handling machinery for printing-presses and other machines.	814,522	Mar. 6	1044	216-17	121	228
Dexter, Thomas F., Providence, R. I. Automatic steam and water trap for steam-heating systems.	815,335	Mar. 20	2722	567	121	698
Dey, Alexander. (See Dey, John and A.)						
Dey, John, Syracuse, N. Y., and A. Dey, Glasgow, Scotland. Type-writer.	814,119	Mar. 6	235	45	121	51
Deyarmond, Richard H. (See Houghton and Deyarmond.)						
Dezendorf, Edwin M., Brooklyn, N. Y. Machine for applying mortar to tiles.	820,706	May 15	3387	725	122	872
Di Vecchio, Stefano, San Francisco, Cal. Refrigerator.	814,523	Mar. 6	1053	217	121	229
Di Vito, Franck S., and A. Meyn, New Orleans, La. Nut-lock.	824,219	June 26	3939	844	122	2751
Dial, Grant D., Chicago, Ill. Display-hanger.	809,359	Jan. 9	1507	305	120	367
Dial, Robert E., assignor of one-half to D. C. Streat, Fontanet, Ind. Railway-signal.	837,613	Dec. 4	675	155	125	1523
Dial Voting Machine Company. (See Harrington, Charles F., assignor.)						
Dial, Wilbur F. (See Dimond and Dial.)						
Diamant, John, New York, N. Y. Marine lock.	816,970	Apr. 3	850	175	121	1546
Diamond Iron Works. (See Dittbenner, Hermann G., assignor.)						
Diamond Match Company. (See Denmead, John W., assignor.)						
Diamond Match Company. (See Palmer and Denmead, assignors.)						
Diamond Match Company. (See Prindle, Edwin J., assignor.)						
Diamond Match Company. (See Reinhold, Frank J., assignor.)						
Diamond Match Company. (See Shradly and Stivers, assignors.)						
Diamond Match Company. (See Williams, William E., assignor.)						
Diamond Match Company. (See Wright, Jacob P., assignor.)						
Diamond Match Company. (See Wright, Jacob P. and C. F., assignors.)						
Diamond Rubber Company. (See Marks, Arthur H., assignor.)						
Dibble, Frank Y., assignor of three-fifths to F. J. Bellmer, J. W. Fletemeyer, and G. W. Harris, Colorado City, Colo. Railway-frog.	837,807	Dec. 4	1046	233	125	1613
Dibble, Harvey D., Mystic, S. D. Explosion-engine.	824,528	June 26	4554	968	122	2882
Dibert, Loyd C. (See Tofanelli, Sebastiano, assignor.)						
Dible, Napoleon W., Kansas City, Mo. Apparatus for promoting the growth of hair.	809,360	Jan. 9	1508	305	120	367
Dible, Napoleon W., Kansas City, Mo. Air-pump.	827,714	Aug. 7	34	8	123	1678
Dichmann, William, Oshkosh, Wis. Machine for sewing hay.	834,369	Oct. 30	4973	1053-4	124	2605
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus.	809,287	Jan. 9	1362	277	120	335
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus.	809,288	Jan. 9	1365	277	120	335
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Sheet-separating apparatus.	823,936	June 19	3406	728	122	2578
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus.	823,937	June 19	3409	728-9	122	2579
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Sheet-feeding apparatus.	825,264	July 3	1141	242	123	297
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Pencil-pointer.	826,837	July 24	4379	912	123	1159
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Folding-machine.	827,512	July 31	5846	1211-12	123	1535
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Paper-feeding and stencil-duplicating apparatus.	828,465	Aug. 14	1557	329-30	123	2083
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Printing-machine.	831,042	Sept. 18	2290	484	124	638
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Sheet-delivery apparatus.	834,791	Oct. 30	5814	1233	124	2817
Dick, Albert B., assignor to A. B. Dick Company, Chicago, Ill. Duplicating apparatus.	815,689	Mar. 20	3435	717	121	857
Dick, Albert B., assignor to A. B. Dick Company, Chicago, Ill. Sheet-separating apparatus.	823,935	June 19	3403	727-8	122	2577
Dick, David S. (See Fowler and Dick.)						
Dick, Willis V., Columbus, Ohio. Fire-resisting cabinet.	809,497	Jan. 9	1807	372	120	431
Dickason, John F., Keystone, Ind. Wrench.	832,367	Oct. 2	695	134	124	1380
Dickason, Jonathan, Agosta, Ohio. Shaft-coupling.	832,044	Oct. 2	36	9	124	1221
Dicke, Hugo, assignor to J. E. Goldschmid, Frankfort-on-the-Main, Germany. Making gas.	839,459	Dec. 25	4324	125	125	2553
Dicken, Bert W., assignor of one-half to H. D. Mayrose, Terre Haute, Ind. Nut-lock.	828,096	Aug. 7	824	171	123	1874
Dicker, Hugo, assignor to Dicker & Werneburg, Halle-on-the-Saale, Germany. Forced-feed lubricator.	833,682	Oct. 16	3379	718	124	2120
Dicker & Werneburg. (See Dicker, Hugo, assignor.)						
Dickerman, Oscar C., Gainesville, Tex. Whiffletree connection.	812,188	Feb. 13	1370	298	120	1838
Dickerson, Roy E., Boulder Creek, Cal. Educational device for teaching spherics.	812,408	Feb. 13	1806	395	120	1933
Dickey, Elza R., Dugger, Ind. Coal-screen.	810,922	Jan. 30	4722	986	120	1186
Dickey, Lester, assignor to E. S. Stotts, Perry, Iowa. Electrically-operated block-signal system for railways.	826,999	July 24	4682	976	123	1233
Dickie, Robert J., Wellington, New Zealand. Vending-machine.	829,514	Aug. 28	3735	793	123	2711
Dickinson, Arthur S., Atlanta, Ga. Tuck-marker for sewing-machines.	824,711	July 3	27	4	123	11
Dickinson, Charles W. (See Breckenridge, Robert S., assignor.)						
Dickinson, Edward C., Elgin, Ill. Lamp-guard.	810,266	Jan. 16	3356	695	120	815
Dickinson, Fairleigh S., New York, N. Y. Atomizer.	838,960	Dec. 18	3293	712	125	2252
Dickinson, Herbert M., Grand Rapids, Mich., assignor, by mesne assignments, to H. L. Hildreth, Boston, Mass. Candy-pulling machine.	831,501	Sept. 18	3192	675	124	859
Dickinson, Harry B. (See Mitchell and Millingar, assignors.)						
Dickinson, Joseph H. (See Miller and Dickinson.)						
Dickinson, Joseph H., Cranford, N. J. Mechanical musical apparatus.	819,985	May 8	1942	429	122	493
Dickinson, Paul. (See Johnson, Louis F., assignor.)						
Dickinson, Sidney O. (See Morrison and Dickinson.)						
Dickinson, Willett J. (See Sullivan and Dickinson.)						
Diecks, Henry, Eastport, Me. Can-seaming machine.	819,526	May 1	969	212-13	122	217
Dickson, Charles H., assignor to G. M. Cram, Portland, Me. Sled.	826,493	July 17	3688	764	123	969
Dickson, Charles H., assignor to G. M. Cram, Portland, Me. Hair-picking machine.	836,741	Nov. 27	3699	789	125	1046
Dickson, Frank H., Oswego, N. Y. Amusement apparatus.	818,079	Apr. 17	3053	658	121	2139
Dickson, Frederick L., El Paso, Tex. Fishing-reel.	812,023	Feb. 6	999	218	120	1691
Dickson, George F., Chicago, Ill., assignor to Confectioners and Bakers Supply Co. Confectioner's sizing and cutting machine.	809,498	Jan. 9	1809	373	120	432
Dickson, James D., New Brighton, N. Y., assignor to W. L. Mason and Co., Keene, N. H. Inkstand.	831,329	Sept. 18	2882	611	124	780

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Dickson, William, Deming, N. Mex. Ter. Pump-rod connection	830,136	Sept. 4	473	95	124	119
Dickson, William K. L., London, England. Automatic musical instrument	835,604	Nov. 13	1451	310-11	125	410
Dieckmann, Gustav. (See Ellis, Robert J., assignor.)						
Dieckmann, John, assignor of one-third to A. Borth, Milwaukee, Wis. Steering device for ships	837,288	Dec. 4	36	11	125	1363
Diecks, Henry, Eastport, Me. Can-soldering machine	817,754	Apr. 17	2373	509-10	121	1990
Diederichs, Otto. (See Curtis, William C., assignor.)						
Diederichs, Louis. (See Voland, Diederichs, and Monnet.)						
Diedrich, Peter, Sarversville, Pa. Churn	830,827	Sept. 11	1891	395	124	507
Diefendorf, Abram. (See Seiler, Philipp, assignor.)						
Diefenbach, Otto, Darmstadt, Germany. Electrolytic manufacture of metal tubes	817,419	Apr. 10	1731		121	1797
Diefenbach, Otto, Darmstadt, Germany. Manufacture of hydroazo derivatives	833,513	Oct. 16	3042		124	2040
Diehl, Edward F. (See Jeneskee and Melcher, assignors.)						
Diehl, Ephraim A., Union City, Ind. Stock-watering apparatus	838,961	Dec. 18	3295	712	125	2253
Diehl, Frank, Sheboygan Falls, assignor to G. P. Myers, Sheboygan, Wis. Woodworking-machine	816,079	Mar. 27	4267	904	121	1088
Diehl, Jacob, Sheboygan, Wis. Screen-door hinge	833,734	Oct. 23	3474	742	124	2189
Diehl, Jacob, assignor to Standard Sewing Machine Company, Cleveland, Ohio. Sewing and cutting machine	812,409	Feb. 13	1809	396	120	1934
Diehl Manufacturing Company. (See Becker, Adolph F., assignor.)						
Diehl, Philip, Elizabeth, N. J., assignor to Singer Manufacturing Company. Sewing-machine thread-case	815,517	Mar. 20	3086	643	121	780
Diehl, Philip, and A. Grieb, assignors to Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing-machines	814,027	Mar. 6	62	11	121	15
Diem-Beutler, Jean, Bruggen, Switzerland. Tulle or net embroidery	824,100	June 26	3705	790	122	2699
Diemer, George A. (See Embler and Diemer.)						
Diemer, George A., Newburgh, N. Y. Box-covering machine	817,631	Apr. 10	2143	454	121	1883
Diemer, William, assignor to Gendron Wheel Company, Toledo, Ohio. Spring for children's carriages	821,472	May 22	5002	1063	122	1291
Diener, Friedrich, London, England. Hollow roll pastry	809,100	Jan. 2	964	200	120	213
Diener, Kurt. (See Hepke and Diener.)						
Diener, William H., North Platte, Nebr. Device for delivering messages to engineers and conductors	826,020	July 17	2728	565	123	730
Dierks, John H. (See Brunssen, William F., assignor.)						
Dierzen, Albert J., Newark, Ill. Tube-cutter	837,614	Dec. 4	677	156	125	1523
Diescher, August P., Pittsburg, Pa. Metal fence	819,637	May 1	1181	258	122	265
Dieter, Louis F., Buffalo, N. Y., assignor to Peter Gerlach Company. Stave-jointer	815,518	Mar. 20	3088	643-5	121	780
Dietrich, Albert E., Washington, D. C. Formaldehyde-generator	813,363	Feb. 20	3683	809	120	2375
Dietrich, Albert E., Washington, D. C. Water-purifying apparatus	838,390	Dec. 11	2236	484	125	1951
Dietrich, Albert E., Washington, D. C., assignor to E. E. Sager and F. E. Holt. Electric water-purifier	823,671	June 19	2917	617	122	2471
Dietrich, Karl, Helfenberg, Germany. Making stable non-alcoholic iron compounds	809,101	Jan. 2	965		120	213
Dieterle, Christian, Cannstatt, Germany. Fire-grate attachment	823,995	June 19	3528	753	122	2603
Dieterle, Edward W., St. Louis, Mo. Water-heater	823,589	June 19	2753	583	122	2434
Dietrich, William N. (See Hosmer and Dietrich.)						
Dietterick, H. W., et al. (See Kemper, Otto, assignor.)						
Dietz, Charles, Chicago, Ill. Car-coupling	821,789	May 29	5641	1201-2	122	1488
Dietz Company, R. E. (See Everett, Ernest C., assignor.)						
Dietz, Conrad, Cincinnati, Ohio. Washing-machine	824,529	June 26	4557	968	122	2882
Dietz, Ernest, assignor to Pearl Manufacturing Company, Buffalo, N. Y. Lubricator	810,194	Jan. 16	3192	662	120	781
Dietz, George. (See Long, Arthur D., assignor.)						
Dietz, Gustav, Yonkers, N. Y. Photographic shutter	827,513	July 31	5850	1212	123	1536
Dietz, Herman F., assignor of one-half to J. and B. Shehadi, Syracuse, N. Y. Car-window	816,539	Mar. 27	5211	1105	121	1290
Dietz, Joseph A., Kersy, Pa. Screen for doors and windows	838,695	Dec. 18	2828	607	125	2142
Dietz, Paul A., Joplin, Mo. Combined measure and weighing device	830,308	Sept. 4	828	170	124	207
Dieudonne, Charles C. (See Jenkins, Charles F., assignor.)						
Diffendarfer, Oliver H. (See Faight, John E., assignor.)						
Digney, Nellie L., Bridgeport, Conn. Combined abdominal support and hose-supporter	812,120	Feb. 6	1164	256	120	1725
Dike, George P., Newton, assignor to Mason Regulator Company, Boston, Mass. Accumulator-controller	825,383	July 10	1395	293	123	381
Dikeman, Joseph S., Torrington, Conn. Automatic chain-feed drilling attachment	821,473	May 22	5003	1064	122	1292
Dilg, Charles H. J., New York, N. Y. Knife-cleaning machine	813,142	Feb. 20	3254	715-16	120	2286
Dilks, Isaac C., Cavite, Philippine Islands. Bottle	827,853	Aug. 7	326	69	123	1751
Dilks, Isaac C., and J. Park, Jr., Cavite, Philippine Islands. Bottle-closure	825,962	July 17	2613	543	123	699
Dill, Charles H., Danville, Ind., assignor of two-thirds to E. C. Dill, Arkansas City, Kans., and W. H. Harrah, Shawnee, Okla. Ter. Motor	814,362	Mar. 6	736	149	121	163
Dill, Emma B., and S. F. Du Bois, Chillicothe, Ohio. Surgical table	810,848	Jan. 23	4534	944	120	1111
Dill, Enoch C., et al. (See Dill, Charles H., assignor.)						
Dill, Frederick W., and J. R. Hill, Lincoln, Kans. Road-grader	826,548	July 24	3814	790	123	1014
Dill, Louis M., Avoca, La. Feeder for sugar-cane carriers	816,971	Apr. 3	852	175-6	121	1547
Dill, Peter R., New York, assignor to Wetter Numbering Machine Company, Brooklyn, N. Y. Numbering-machine	836,742	Nov. 27	3701	789	125	1047
Dillander, John, San Francisco, Cal. Air-brake mechanism	824,712	July 3	28	4-5	123	11
Dillard, Walter E., Petersburg, Va. Belt-shifter	825,265	July 3	1145	242	123	298
Dillavou, Samuel A., assignor of one-half to J. Nicholson, Ralston, Iowa. Corn-husker	833,735	Oct. 23	3475	742	124	2189
Dillen, John A., Clearfield, Pa. Burglar-alarm	816,005	Mar. 27	4101	866	121	1051
Dilley, Eugene P., Phoenix, Miss. Nut-lock	835,940	Nov. 13	2064	441	125	559
Dilling, Oliver V. (See Page, Rescue B., assignor.)						
Dillingham, Glenn, Bourbon, Ind. Disk colter	829,696	Aug. 28	4115	872	123	2803
Dillon, George, Brooklyn, N. Y. Furnace	835,409	Nov. 6	1081	233	125	273
Dillon, James A., assignor, by mesne assignments, of one-half to National Laundry Machinery Co., Chicago, Ill. Steam-condenser	813,486	Feb. 27	3937	864	120	2490
Dillon, John, Hackensack, N. J. Horseshoe	837,808	Dec. 4	1047	233-4	125	1613
Dillon, Kent H., Philadelphia, Pa. Leaf-turner	829,855	Aug. 28	4443	939	123	2884
Dillon, Washington M., and P. Frantz, Sterling, Ill. Crimping mechanism for wire-fence machines	813,408	Feb. 27	3778	829	120	2453
Dillon, William H., Detroit, Mich. Beam clamp and support for reinforced concrete forms	825,284	July 3	1179	250	123	307
Dilts Machine Works. (See Rust, Mortimer R., assignor.)						
Dilts, Robert A., Trade City, Pa. Whiffletree-hook	821,158	May 22	4370	930	122	1152
Dilworth, Edward C., Pittsburg, Pa. Adding device	811,205	Jan. 30	5282	1105	120	1307
Dimick, Winslow A., Vancouver, Wash. Plumb, level, and inclinometer	815,690	Mar. 20	3438	718	121	857
Dimitry, Ernest L., New Orleans, La. Non-refillable bottle	820,401	May 15	2794	607	122	744
Dimmick, Frederick D., and A. M. Ford, Birmingham, Ala. Machine for forming pipe-cores	814,028	Mar. 6	65	12	121	16
Dimmick, Jacob K., Philadelphia, Pa. Apparatus for forming pipe-molds	828,601	Aug. 14	1827	385	123	2153

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g	Vol.	Page.
Dimmick, Raymond L., Denver, Colo. Launder.....	831,545	Sept. 25	3306	694	124	923
Dimond, George H., and W. F. Dial, assignors to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Rotary loop-taker for sewing-machines.....	812,410	Feb. 13	1813	397	120	1935
Dimond, Irving G., assignor to National Supply Company, Toledo, Ohio. Bracket for washstands.....	832,182	Oct. 2	330	61	124	1293
Dimond, William C. (See Maxfield, William, assignor.)						
Dina, Augusto, West Hoboken, N. J., assignor to A. Adamson, Dobbs Ferry, N. Y. Gas-engine and valve mechanism therefor.....	834,566	Oct. 30	5335	1133-4	124	2697
Dingee, William W., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Automatic means for feeding liquids.....	826,923	July 24	4549	946	123	1201
Dingens, Joseph A. (See Hempel, Henry A., assignor.)						
Dings, Myron, Milwaukee, Wis. Magnetic separator.....	821,615	May 29	5280	1126	122	1407
Dinkel, George, Jersey City, N. J. Means for hanging overdriven centrifugal machines.....	812,024	Feb. 6	1000	219	120	1692
Dinkel, George, Jersey City, N. J. Means for hanging and centralizing overdriven centrifugal machines.....	820,851	May 15	3702	790-1	122	943
Dinkelspiel, Joe L. (See Steinhardt, Jacob M., assignor.)						
Dinklage, Adolf, Chemnitz, Germany. Apparatus for drawing hairs and the like out of bundles.....	830,578	Sept. 11	1393	288	124	374
Dinsmore, Mary E., Waynesburg, Pa. Curtain-fixture.....	827,000	July 24	4685	976	123	1233
Dion, Albert de, and G. Bouton, Puteaux, France. Internal-combustion engine.....	815,802	Mar. 20	3688	777-8	121	909
Dion, Albert de, and G. Bouton, Puteaux, France. Steel alloy.....	836,567	Nov. 20	3304		125	913
Dion, Léon, assignor to Americus Electro-Hermatic Company, New York, N. Y. Apparatus for treating liquids.....	819,209	May 1	351	75	122	85
Dion, Léon, assignor to Americus Electro-Hermatic Company, New York, N. Y. Apparatus for treating liquids.....	820,483	May 15	2956	640	122	780
Dion, Léon, assignor to Americus Electro-Hermatic Company, New York, N. Y. Apparatus for separating metals and other substances from liquids.....	820,483	May 15	2960	640	122	780
Dion, Léon, Wilkes-Barre, Pa., assignor to Americus Electro-Hermatic Company, New York, N. Y. Filter and cleaner therefor.....	829,576	Aug. 28	3859	819	123	2742
Dion, Odey, Portland, Oreg. Saw-swage.....	820,402	May 15	2795	607-8	122	745
Dionne, Philip, Beaverville, Ill. Hame.....	831,043	Sept. 18	2294	485	124	639
Dirand, Louis J., assignor to Torrington Novelty Manufacturing and Supply Company, Torrington, Conn. Extensible spring-roller.....	813,870	Feb. 27	4698	1039	120	2655
Dirand, Louis J., assignor to Torrington Novelty Manufacturing and Supply Company, Torrington, Conn. Removable dust-protective cover.....	816,568	Apr. 3	27	8	121	1360
Direct Drive Axle Company. (See Pleukharp, Irvin H., assignor.)						
Direct Drive Power Transmission Company. (See Hackley, George T., assignor.)						
Disbrow, Lutheria, <i>et al.</i> (See Kaplan, Godfrey J., assignor.)						
Disbrow, Reuben B., <i>et al.</i> (See Kaplan, Godfrey J., assignor.)						
Discharging Apparatus Manufacturing Company. (See Smith, Augustus, assignor.)						
Discher, Grant F., Milwaukee, Wis. Self-locking pedal.....	837,043	Nov. 27	4320	917	125	1198
Disrud, Henry T. (See Braaten and Disrud.)						
Diss, Albert B., assignor to United States Braid Machine Manufacturing Co., Newark, N. J. Braiding-machine.....	830,137	Sept. 4	474	95-6	124	120
Diss, Albert B., assignor to Universal Caster and Foundry Company, Newark, N. J. Caster.....	831,838	Sept. 25	3898	817	124	1079
Diss, Albert B., assignor to Universal Caster & Foundry Company, Newark, N. J. Caster.....	838,307	Dec. 11	2072	448	125	1911
Disser, Louis J., Chicago, Ill. Coin-controlled slot or vending machine and coin-testing mechanism therefor.....	835,851	Nov. 13	1903	403	125	522
Dissinger, Castor H. A., Wrightsville, Pa. Change-gearing.....	808,732	Jan. 2	225	47-8	120	52
Ditner, Albert, Mülhausen, assignor of one-half to E. Engasser, Colmar, Alsace, Germany. Water-gage.....	839,369	Dec. 25	4134	887	125	2508
Dittbenner, Hermann G., Minneapolis, Minn., assignor to Diamond Iron Works. Friction-clutch.....	808,975	Jan. 2	707	153	120	156
Dittmar, Elmer C., Williamsport, Pa. Wood-ornamenting die.....	838,391	Dec. 11	2240	484	125	1953
Dittmer, Charles H. (See Rogers and Dittmer.)						
Dittmer, John G., Burt, Iowa. Lantern-holder.....	824,101	June 26	3705	790-1	122	2699
Dittrich, Joseph, <i>et al.</i> (See Themke, Louis E. L., assignor.)						
Divan, James M., Freeport, Ill., assignor of one-half to W. Nelson, Montrose, Mo. Knockdown crate.....	810,369	Jan. 16	3573	734-5	120	864
Diven, J. M. (See Ellis, Robert J., assignor.)						
Diven, Joseph M. (See Ellis, Robert J., assignor.)						
Diven, Samuel L., Carlisle, Pa. Lacing-stud.....	833,514	Oct. 16	3043	646	124	2040
Diver, Alfred H., assignor to Gilmour Door Company, Limited, Trenton, Canada. Fire-proof door.....	826,549	July 24	3815	791	123	1015
Divver, William S., Anderson, S. C. Shingle.....	835,818	Nov. 13	1853	391	125	512
Dix, Bert C. W. (See Dix, Harry G. and B. C. W.)						
Dix, Edward S., New York, N. Y. Apparel for infants.....	828,390	Aug. 14	1404	296-7	123	2044
Dix, Edward S., New York, assignor to Borated Specialty Company, Brooklyn, N. Y. Catamenial bandage.....	811,704	Feb. 6	327	72	120	1558
Dix, Edward S., New York, assignor to Borated Specialty Company, Brooklyn, N. Y. Skirt-protecting garment.....	812,486	Feb. 13	1948	429	120	1963
Dix, Harry G. and B. C. W., Grand Rapids, Mich. Automatic mail-bag catcher for railways.....	811,132	Jan. 30	5131	1072	120	1273
Dix, Joseph M., Foxboro, Mass. Making cement-coated nails.....	838,526	Dec. 18	2500	541	125	2061
Dix, Lorenzo G., Hood River, Oreg. Traction-engine.....	828,097	Aug. 7	825	171	123	1875
Dix, William J., Milford, Mass. Marking apparatus.....	810,629	Jan. 23	4141	856	120	1025
Dixie Cotton Picker Co. (See Appleby, John F., assignor.)						
Dixon, Albert S., assignor to American Conduit Co., Los Angeles, Cal. Making hermetically-sealed conduits.....	825,589	July 10	1860	394	123	496
Dixon, Arnold, Provo, Utah. File-case.....	838,962	Dec. 18	3297	713	125	2253
Dixon, E. M. (See Gifford, William, assignor.)						
Dixon, Ezra, Bristol, R. I. Adjustable fulcrum for the weight-levers of spinning-frames.....	830,215	Sept. 4	642	129	124	163
Dixon, George E., Chicago, Ill. Water-heating attachment for furnaces.....	815,273	Mar. 13	2546	536	121	613
Dixon, George E., Chicago, Ill. Water-heating attachment.....	815,274	Mar. 13	2547	536	121	613
Dixon, Henry L., and G. A. Marsh, assignors to Automatic Machine Glass Company, Pittsburgh, Pa. Feeding glass.....	814,773	Mar. 13	1561	330-1	121	401
Dixon, Henry L., and G. A. Marsh, assignors to Automatic Machine Glass Company, Pittsburgh, Pa. Apparatus for shearing glass.....	814,774	Mar. 13	1566	331	121	402
Dixon, Israel K., Johnstown, Pa., assignor to Lorain Steel Company. Tongue-switch.....	826,409	July 17	3463	720	123	906
Dixon, Israel K., Johnstown, Pa., assignor to Lorain Steel Company. Railway-frog.....	826,410	July 17	3464	720	123	906
Dixon, Jay J., Warren, Pa. Pipe-wrench.....	837,809	Dec. 4	1048	234	125	1613
Dixon, John H., Pittsburgh, Pa. Automatic sprinkler.....	838,963	Dec. 18	3298	713	125	2254
Dixon, Matthew, Long Island City, N. Y. Wheel.....	823,938	June 19	3411	729	122	2579
Dixon, Robert M. (See Erb, Edmund M., assignor.)						
Dixon, Robert M., East Orange, N. J. Window.....	820,958	May 22	3957	842	122	1061

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Dr'g.
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Gas-lamp.	813,487	Feb. 27	3939	865	120	2491
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Gas-lamp.	814,120	Mar. 6	239	45	121	52
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Gas-lamp.	814,121	Mar. 6	243	46	121	54
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Ventilator.	829,102	Aug. 21	2834	595	123	2443
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Water-level alarm for expansion-drums of hot-water heating systems.	829,103	Aug. 21	2835	596	123	2443
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Lamp.	829,104	Aug. 21	2837	596	123	2443
Dixon, Robert R. (See Ballew and Mead, assignors.)						
Dixon, Rowland E. (See Turner, Dixon, and Stewart.)						
Dixon, Thomas F., Philadelphia, Pa. Machine for forming printers' rules.	829,768	Aug. 28	4257	901-2	123	2838
Dixon, Wayman. (See Harroway and Dixon.)						
Dlouhy, Charles J., Clarkson, Nebr. Hay stacker and loader.	827,219	July 31	5188	1077	123	1377
Doak, John S., Brownwood, and A. G. Farrington, Yoakum, Tex. Insect-destroying machine.	825,196	July 3	1006	213	123	263
Doane, Samuel E., assignor to National Electric Lamp Company, Cleveland, Ohio. Adapter for incandescent-lamp sockets.	810,473	Jan. 23	3831	786	120	957
Doane, Samuel E., assignor to National Electric Lamp Company, Cleveland, Ohio. Machine for perforating glass.	810,474	Jan. 23	3832	787	120	958
Doarnberger, John A., Roanoke, Va. Steam-boiler.	823,399	June 12	2350	494-5	122	2287
Dobbs, Charles, and J. R. Pitman, Haskell, N. J., assignors to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Machine for making comb-powder.	821,865	May 29	5772	1229	122	1517
Dobbs, Charles, and J. R. Pitman, Haskell, N. J., assignors to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Machine for making comb-powder.	821,866	May 29	5775	1230	122	1517
Dobbs, Charles, and J. R. Pitman, Haskell, N. J., assignors to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Machine for making grains or flakes of powder.	823,672	June 19	2919	617-18	122	2472
Dobbs, Ralph H., Seattle, Wash. Refrigerator.	833,030	Oct. 9	2021	425	124	1738
Dobelin, Chas. W., <i>et al.</i> (See Rieff, John G., assignor.)						
Dobelman, John D., Chicago, Ill. Door.	810,923	Jan. 30	4724	986	120	1186
Doble, William A., San Francisco, Cal. Nozzle for impact water-wheels. (Reissue)	12,460	Feb. 27	4966	1100	120	2708
Dobler, Charles J. (See Braxton, Daniel, assignor.)						
Dobos, John, New York, N. Y. Car-fender.	819,044	May 1	17	5	122	7
Dobson, John E., assignor to Michigan Machinery Manufacturing Company, Ypsilanti, Mich. Power-press.	810,195	Jan. 16	3194	662	120	781
Dobson, John E., assignor to Michigan Machinery Mnf'g. Company, Ypsilanti, Mich. Clutch.	811,041	Jan. 30	4947	1033	120	1236
Dobson, John E., assignor to Michigan Machinery Manufacturing Company, Ypsilanti, Mich. Sheet-metal joint.	819,866	May 8	1658	355	122	435
Dobson, William A., Philadelphia, Pa. Antitorpedo construction for men-of-war vessels.	817,227	Apr. 10	1348	282-3	121	1719
Dobson, William H., Harrison, and W. Gallagher, Elizabeth, N. J. Safety envelop and box.	838,964	Dec. 18	3300	713	125	2254
Dobyne, George A. (See Corcoran and Dobyne.)						
Dock, Herman, Philadelphia, Pa. Connection for machines and parts thereof.	821,027	May 22	4113	874	122	1095
Dock, Herman, Philadelphia, Pa. Explosive-engine.	831,044	Sept. 18	2295	485	124	639
Dockery, C. C. (See Bryant, Warren S., assignor.)						
Dodd, Clarence, assignor of one-half to F. Roach, Waterville, Ohio. Cement fence-post.	816,715	Apr. 3	330	76	121	1433
Dodd, David A., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Mold-support.	827,295	July 31	5329	1104	123	1409
Dodds, Ethan I. (See Dunbar and Dodds.)						
Dodds, Ethan I., Avalon, assignor to Pressed Steel Car Company, Pittsburg, Pa. Car part.	811,206	Jan. 30	5284	1105	120	1307
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Steel side stake for cars.	813,488	Feb. 27	3943	865	120	2492
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Car-door-operating mechanism.	820,852	May 15	3707	791	122	945
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Metallic car construction.	825,019	July 3	678	137	123	177
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Metallic car construction.	826,652	July 24	4028	835	123	1070
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-truck.	820,770	May 15	3512	753-4	122	902
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Actuating mechanism for car-brakes.	821,616	May 29	5282	1127	122	1408
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-brake-operating mechanism.	821,617	May 29	5284	1127	122	1409
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Operating mechanism for car-brakes.	821,618	May 29	5286	1128	122	1410
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Door-operating mechanism for gondola cars.	825,020	July 3	679	137	123	178
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Sill construction for railway-cars.	825,021	July 3	681	137	123	178
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Bolster construction.	825,022	July 3	682	138	123	178
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-truck.	825,023	July 3	683	138	123	179
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Body and truck bolster.	825,024	July 3	685	138-9	123	180
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Body and truck bolster and making the same.	825,025	July 3	686	139-40	123	180
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-bolster and making the same.	825,026	July 3	689	140	123	181
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-bolster and making the same.	825,027	July 3	691	141	123	182
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-stake.	825,028	July 3	693	141	123	183
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-stake.	825,029	July 3	694	142	123	183
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic car-bolster.	825,030	July 3	695	142-3	123	184
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-bolster.	825,031	July 3	697	143	123	184
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Body and truck bolster.	825,032	July 3	699	144	123	185
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-bolster.	825,033	July 3	701	144-5	123	186
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic car-bolster.	825,034	July 3	702	145	123	187

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Railway-car truck	825,035	July 3	704	146	123	187
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Plate and stake structure for gondola cars	825,036	July 3	706	146-7	123	188
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-truck	825,037	July 3	708	147-8	123	188
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Railway-car truck	825,038	July 3	710	148	123	189
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-truck	825,039	July 3	711	149	123	190
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic car-body	825,040	July 3	712	149-50	123	190
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Cast-metal side frame for trucks	825,041	July 3	714	150	123	191
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Spring-beam for car-trucks	826,653	July 24	4030	835	123	1070
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Friction draft-rigging	829,636	Aug. 28	3991	845	123	2774
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Fulcrum for brake-beams and manufacture	829,637	Aug. 28	3993	845-6	123	2775
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Spring	829,912	Aug. 28	4557	961	123	2911
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Refrigerator-car	831,647	Sept. 25	3523	739	124	981
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Gondola car	831,648	Sept. 25	3524	739-41	124	981
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Hopper-car	831,649	Sept. 25	3527	741-2	124	982
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Side construction for cars	831,650	Sept. 25	3528	742	124	983
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-stake	831,651	Sept. 25	3530	743	124	983
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Bolster construction for cars	831,652	Sept. 25	3531	743	124	984
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Corner-stake for cars and method of manufacture	831,653	Sept. 25	3533	744	124	984
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Side construction for cars	831,654	Sept. 25	3535	744-5	124	985
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Cast-metal side frame for car-trucks	831,655	Sept. 25	3537	745	124	986
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Making car-stakes	831,839	Sept. 25	3900	817-18	124	1080
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Underframe for cars	831,840	Sept. 25	3903	818	124	1081
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Mining-car	834,003	Oct. 23	4197	890	124	2363
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Low-side metal gondola car	834,004	Oct. 23	4198	890	124	2363
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic car-underframe	834,005	Oct. 23	4200	891	124	2364
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Carline and manufacture	836,370	Nov. 20	2915	618	125	819
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Carline and manufacture	836,371	Nov. 20	2916	618	125	820
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Tank-car	836,372	Nov. 20	2917	618-19	125	820
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. End construction for railway-cars	836,373	Nov. 20	2919	619	125	821
Dodds, John, Calgary, Canada. Fire-escape	825,524	July 10	1727	363	123	464
Dodge, Charles C., Bloomfield, N. J., assignor to Dodge Lubricator Company, Boston, Mass. Lubricator	812,261	Feb. 13	1518	332	120	1871
Dodge, Charles C., Newark, N. J., assignor to Dodge Lubricator Company, Boston, Mass. Lubricator	812,330	Feb. 13	1654	363	120	1902
Dodge Coal Storage Company. (See Mosby, Alfred D., assignor.)						
Dodge, Cyrus A., Syracuse, N. Y. Washing-machine	834,370	Oct. 30	4979	1055	124	2607
Dodge, Ezra S., Providence, R. I. Harness	822,831	June 5	1192	244	122	1989
Dodge, George B., Boston, Mass. Embalming compound	814,775	Mar. 13	1568		121	402
Dodge, Herbert E. (See Dodge, James O. and H. E.)						
Dodge, James M., Philadelphia, Pa. Sprocket-wheel	817,632	Apr. 10	2145	455	121	1883
Dodge, James M., Philadelphia, Pa. Mold for casting	818,941	Apr. 24	4778	1027	121	2565
Dodge, James M., Philadelphia, Pa. Sprocket-wheel for toothed drive-chains	828,200	Aug. 7	1002	208	123	1916
Dodge, James O. and H. E., Williams, Ariz. Ter. Pen holding and releasing device	825,197	July 3	1007	213	123	263
Dodge, Jasper L., assignor of two-thirds to J. Q. and S. P. Bradish, Providence, R. I. Music-holder	817,550	Apr. 10	1999	421	121	1853
Dodge, Jasper L., assignor of two-thirds to J. Q. and S. P. Bradish, Providence, R. I. Bed	824,068	June 19	3653	778	122	2630
Dodge Lubricator Company. (See Dodge, Charles C., assignor.)						
Dodge, Nathaniel B., Fitchburg, Mass. Track-sanding apparatus	836,870	Nov. 27	3929	839	125	1105
Dodge, Philip T., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	816,849	Apr. 3	596	125	121	1491
Dodge, Philip T., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	836,374	Nov. 20	2921	620	125	822
Dodge, Philip T., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	828,541	Aug. 14	1713	361	123	2123
Dodge, Philip T., Washington, D. C., assignor to Mergenthaler Linotype Company. Linotype-machine	838,609	Dec. 18	2659	571	125	2100
Dodge, Snerman. (See Taylor, James E., assignor.)						
Dodge, Sherman, Sandoval, Ill. Adjustable colter attachment for plows	835,101	Nov. 6	463	93	125	121
Dodge, Sherman, Sandoval, Ill. Hub for cultivator-disks	835,102	Nov. 6	464	93	125	121
Dodge, William A., Orange, Mass. Combination tack-puller and stove-lid lifter	832,541	Oct. 2	1038	209	124	1463
Dodge, William H., Montclair, N. J. Cap or cover for receptacles	829,638	Aug. 28	3994	846	123	2775
Dodge, William H., Montclair, N. J. Securing device for caps or closures for bottles, jars, cans, or the like	829,697	Aug. 28	4117	872	123	2803
Dodge, William H., Montclair, N. J. Cap or closure for bottles, jars, cans, or the like	829,698	Aug. 28	4119	872	123	2804
Dodge, William H., Montclair, N. J. Cap or closure for bottles, jars, cans, or the like	829,699	Aug. 28	4121	872	123	2804
Dodge, William H., Montclair, N. J. Cap or closure for bottles, jars, cans, &c.	829,856	Aug. 28	4444	939-40	123	2884
Dodge, William H., Montclair, N. J. Shell for caps or closures for bottles, jars, cans, and the like and making the same	829,913	Aug. 28	4558	961	123	2912
Dodge, William H., Montclair, N. J. Cap or closure for bottles, jars, cans, and the like and making the same	829,914	Aug. 28	4563	962	123	2913
Dodge, William H., Montclair, N. J. Cap or closure for bottles, jars, cans, or the like and making the same	829,915	Aug. 28	4566	962	123	2914
Dodge, William H., Montclair, N. J. Cap or closure for bottles, jars, cans, and the like and making the same	829,916	Aug. 28	4569	962	123	2915

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Dodgson, Frank L. (See Salmon and Dodgson.)						
Dodson, Charles M., assignor to American Manufacturing Company, Des Moines, Iowa. Cigar-vending machine.	839,737	Dec. 25	4891	1045-6	125	2692
Doebler, Charles F., Middletown, Conn., assignor to H. P. Martin; J. D. Snedeker, J. H. Storey, and H. C. Swentzel, Brooklyn, N. Y., executors of said Martin, deceased. Mat.	839,059	Dec. 18	3480	752	125	2301
Doebler, John F., Jr., assignor to himself and S. E. Clarke, Hartford, Conn. Mop.	815,336	Mar. 20	2723	568	121	699
Doebler, John F., Jr., assignor to himself and S. E. Clarke, Hartford, Conn. Mop-holder for brooms.	821,344	May 22	4743	1009	122	1235
Doeblich, George, Philadelphia, Pa. Flexible hand.	831,330	Sept. 18	2884	611	124	780
Doehle, Fritz. (See Ellingen and Doehle.)						
Doehler & Beakbane Manufacturing Co. (See Beakbane, James, assignor.)						
Doepker, Frank. (See Doepker, Joseph and F.)						
Doepker, Joseph and F., Ottawa, Ohio. Clutch mechanism.	827,715	Aug. 7	36	9	123	1679
Doering, Albert, Waterloo, Wis. Box carriage and releasing means.	833,128	Oct. 9	2219	466	124	1791
Doern, George P., Chicago, Ill. Gage-reading device.	812,411	Feb. 13	1814	397	120	1935
Doern, George P., Chicago, Ill. Wantage-rod.	819,210	May 1	354	76	122	85
Doerr, Robert C., Chicago, Ill. Railway-tie.	823,208	June 12	1987	414	122	2210
Dofflemeyer, Charles E., et al. (See Roach, Arland B., assignor.)						
Dofflemeyer, Charles E., et al. (See Roach and Hodge, assignors.)						
Doherty, Henry L., Madison, Wis. Operating cement-kilns.	818,018	Apr. 17	2939	635	121	2116
Doherty, Henry L., Madison, Wis. Burning cement clinker.	820,484	May 15	2964	641	122	781
Doherty, Henry L., Madison, Wis. Converting heat into work.	834,006	Oct. 23	4201	891-2	124	2365
Doherty, Henry L., assignor to Combustion Utilities Company, New York, N. Y. Conducting combustion.	819,127	May 1	188	38	122	48
Doherty, Henry L., Madison, Wis., assignor to Combustion Utilities Company. Gas-calorimeter.	828,306	Aug. 14	1237	258-61	123	2002
Doherty, Henry L., Madison, Wis., assignor, by mesne assignments, to Combustion Utilities Company, New York, N. Y. Regulating the temperature of combustion in gas-producers.	829,105	Aug. 21	2839	596-7	123	2444
Doherty, Michael J. (See Hill, George H., assignor.)						
Doherty, Michael J., et al. (See Latchford, William J., assignor.)						
Doherty, Patrick, Philadelphia, Pa. Self-registering faucet.	814,945	Mar. 13	1872	393	121	465
Doherty, William F., San Francisco, Cal. Engineer's slide-rule.	838,696	Dec. 18	2829	608	125	2142
Dohse, Ernest H., Buffalo, N. Y. Lubricator.	812,644	Feb. 13	2267	494	120	2026
Doke, Joseph M., Postoria, Ohio. Hoof-pad.	832,781	Oct. 9	1540	315	124	1623
Dolan, Christopher C., Lockport, N. Y. Hoisting and conveying mechanism.	813,364	Feb. 20	3655	809-10	120	2375
Dolan, Christopher C., Lockport, N. Y. Automobile sleighing attachment.	815,910	Mar. 20	3914	828	121	957
Dolan, Christopher C., Lockport, N. Y. Fence-post.	821,474	May 22	5005	1064	122	1292
Dolan, William J., Weller, Iowa. Wagon-box.	828,642	Aug. 14	1907	401	123	2174
Dolan, William J., Weller, Iowa. Attachment for buggy-axes.	836,568	Nov. 20	3305	704	125	913
Dolan, William J., and F. H. Shoemaker, Indianapolis, Ind. Non-refillable bottle.	809,289	Jan. 9	1367	278	120	336
Dolbear, Clinton E., Longbeach, Cal., assignor of one-half to G. N. Phelps, Boston, Mass. Method of and agent for laying dust.	828,643	Aug. 14	1909		123	2174
Dole, Frederick J., Brooklyn, N. Y. Garment-supporter fastener.	837,548	Dec. 4	528	123	125	1487
Dole, Frederick J., New York, N. Y., assignor to Great American Automatic Vending Machine Company, Hoboken, N. J. Coin-controlled apparatus.	812,331	Feb. 13	1656	364	120	1903
Doll, George O., Cambridge City, assignor of one-half to T. A. Scott, Bentonville, Ind. Wagon-brake.	830,650	Sept. 11	1539	317	124	413
Doll, Henri, assignor to Peignages & Filatures de Bourre de Soie, Paris, France. Preparatory machine and spinning, doubling, winding, and the like processes and apparatus therefor.	815,075	Mar. 13	2146	452	121	523
Dollar, Leo, assignor of one-half to E. H. Berry, Philadelphia, Pa. Dental instrument for slitting and removing cap-crowns.	833,375	Oct. 16	2739	577	124	1971
Dollman, John W., Parkersburg, W. Va. Fastening device for shipping-tags.	829,062	Aug. 21	2753	578	123	2419
Dolloff, John E. (See Seager, Herbert A., assignor.)						
Dolores Refining Company. (See Haynes and Engle, assignors.)						
Dolph, Charles L., Cadillac, Mich. Folding crate or box.	823,515	June 19	2616	550	122	2405
Domagala, John, Peru, assignor to D. M. Humiston, Aurora, Ill. Sharpener for knives.	824,981	July 3	615	123	123	162
Doman, Albert E., Elbridge, N. Y. Electric sparking device.	819,268	May 1	473	98	122	110
Doman, Albert E., assignor to Elbridge Electrical Manufacturing Company, Elbridge, N. Y. Automatic circuit-breaker.	837,201	Nov. 27	4608	978	125	1269
Doman, Herman C., Oshkosh, Wis. Carburetor for explosive motors or engines.	817,051	Apr. 3	1000	204	121	1580
Doman, Lewis B., assignor to Amphion Piano Player Company, Elbridge, N. Y. Playing apparatus for musical instruments.	814,676	Mar. 13	1362	285-7	121	357
Doman, Lewis B., assignor to Amphion Piano Player Company, Elbridge, N. Y. Pneumatic playing apparatus for musical instruments.	814,677	Mar. 13	1368	287	121	357
Doman, Lewis B., assignor to Amphion Piano Player Company, Elbridge, N. Y. Self-playing musical instrument.	814,678	Mar. 13	1372	287	121	358
Doman, Lewis B., assignor to Amphion Piano Player Company, Elbridge, N. Y. Pneumatic self-playing musical instrument.	814,679	Mar. 13	1373	287	121	358
Doman, Lewis B., assignor to Amphion Piano Player Company, Elbridge, N. Y. Mechanical musical instrument.	829,857	Aug. 28	4450	940	123	2886
Domek, Joseph J., Jr., Chicago, Ill. Dust-proof ash-sifter.	836,441	Nov. 20	3081	653	125	858
Domestic Gas Machine Company. (See Verret and Palmer, assignors.)						
Domestic Sewing Machine Company. (See Drysdale, David S., assignor.)						
Dominion Fence Company. (See Patterson, Thomas, assignor.)						
Dommerque, Franz J., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Distributing-board.	822,590	June 5	725	146	122	1888
Donaho, James R. (See Rumfield and Donaho.)						
Donahoo, Thomas W., Tishomingo, Ind. Ter. King-bolt.	817,303	Apr. 10	1501	315	121	1747
Donaldson, Benjamin K., New York, N. Y. Fishing-reel.	822,436	June 5	392	82	122	1810
Donaldson, Edward L. (See Sawyer, Matthews, assignor.)						
Donaldson, Edwin, New York, N. Y. Roundabout.	813,623	Feb. 27	4210	925-6	120	2550
Donaldson, Frank E., Palos Park, assignor of one-half to H. W. Donaldson, Chicago, Ill. Water-heating attachment.	818,149	Apr. 17	3194	687	121	2170
Donaldson, Frank N., Jewett, Ohio. Casing-spear.	824,530	June 26	4558	969	122	2882
Donaldson, Harry W. (See Donaldson, Frank E., assignor.)						
Donaldson, Harvey J., trustee. (See Johnson, Arthur H., assignor.)						
Donaldson, Henry W. (See Byrnes, William J., assignor.)						
Donaldson, Jacob C. (See Jorgensen, Joachim C., assignor.)						
Donaldson, James H., Chicago, Ill. Bridge-guard whip.	810,041	Jan. 16	2884	595	120	717
Donaldson, James M., Marengo, Iowa. Cultivator.	811,133	Jan. 30	5133	1072-3	120	1274
Donaldson, John E., Frankfurt, Ind. Press.	819,414	May 1	764	163	122	173
Donaldson, Percy, Baltimore, Md. Vent for receptacles.	823,851	June 19	3247	687	122	2543
Donaldson, Sidney H., London, England. Writing-machine.	825,198	July 3	1008	214	123	264
Donaldson, Sidney H., London, England. Drawing apparatus.	828,721	Aug. 14	2059	434	123	2212

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Donaldson, Sidney H., Hampstead, England. Artist's paint-box	825,266	July 3	1147	243	123	299
Donaldson, Walter. (See Hall and Donaldson.)						
Donaldson, William H., Joliet, Ill. Operating headlights of locomotives	813,692	Feb. 27	4337	954	120	2577
Donaldson, William H., and W. N. Moore, Joliet, Ill. Bed-bottom	838,697	Dec. 18	2830	608	125	2142
Donch, William J. (See Kennelly and Donch.)						
Donehew, Morton G., Russell township, Putnam county, Ind. Grain-door for cars	808,906	Jan. 2	570	126	120	125
Doner, Martin J., St. Louis, Mo., assignor of one-half to L. J. Eagen, Chicago, Ill. Roundabout	836,016	Nov. 13	2184	468	125	587
Donlevy, John P. L., London, England. Electrical transmitting and receiving apparatus	821,931	May 29	5904	1256	122	1547
Donnell, Columbus W., Grand, Okla. Ter. Dish-washing machine	835,060	Nov. 6	376	76-7	125	99
Donnelly, Bertram C., St. Joseph, Mo. Fire-shutter	816,080	Mar. 27	4269	904-5	121	1088
Donnelly, Charles H. (See Bertschy, Adolph J. P. assignor.)						
Donnelly, Hugh, Lisbon, Ohio. Spool-holder and thread-cutter	827,220	July 31	5189	1077	123	1377
Donnelly, John J., Denver, Colo. Wind-motor	835,667	Nov. 13	1564	334	125	438
Donnelly, Samuel A., Chicago, Ill. Truss	828,022	Aug. 7	670	138	123	1837
Donnelly, William H., Maroa, Ill. Tool operating and holding device	835,727	Nov. 13	1666	354	125	464
Donnelly, William T., Brooklyn, N. Y. Apparatus and method for transporting solids	827,296	July 31	5330	1104-5	123	1409
Donnelly, William T., assignor to General Gas Appliance Company, New York, N. Y. Gas-controlling device	812,730	Feb. 13	2425	531	120	2058
Donnelly, William T., assignor to General Gas Appliance Company, New York, N. Y. Incandescent gas-fixture	822,353	June 5	252	53	122	1781
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Work-holder for flat-platen type-writers	813,489	Feb. 27	3944	865	120	2492
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Ribbon mechanism for type-writers	826,481	July 17	3616	752-4	123	945
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Type-writing machine	826,482	July 17	3620	754-5	123	946
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Escapement mechanism	826,483	July 17	3629	755-6	123	948
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Carbon holder and separator	826,484	July 17	3645	757	123	956
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Electrical type-writer selecting and operating means	826,485	July 17	3652	757	123	959
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Paper-presser for type-writers	826,486	July 17	3658	758	123	961
Donning, George W., Stamford, Conn., assignor to H. T. Ambrose, Orange, N. J. Type-writer	826,487	July 17	3663	758-60	123	962
Donning, George W., Stamford, Conn., assignor to H. T. Ambrose, Orange, N. J. Type-writer	826,488	July 17	3676	761-2	123	966
Donogh, Andrew L., Griswold, Canada. Road-grader	824,236	June 26	3973	851	122	2758
Donoghue, P. A., et al. (See Dunnell, Frederick W., assignor.)						
Donohoe, Charles L., et al. (See Francis, Loftus H., assignor.)						
Donohoe, Charles L., Santa Barbara, Cal. Binder	812,731	Feb. 13	2427	531-2	120	2058
Donohoe, Martin, California, Pa. Smoking-pipe	816,902	Apr. 3	706	145	121	1515
Donovan, James, assignor, by mesne assignments, to Shaffield Car Company, Three Rivers, Mich. Hand-car frame	811,042	Jan. 30	4949	1033	120	1236
Donovan, James, assignor, by mesne assignments, to Sheffield Car Company, Three Rivers, Mich. Railway-rail stay	811,550	Feb. 6	25	7	120	1490
Donovan, William F., assignor to Libbey Glass Company, Toledo, Ohio. Dish	839,123	Dec. 25	3649	787	125	2388
Donovan, William T. (See Griswold and Donovan.)						
Dooley, Thomas B., Malden, Mass. Printing-press	811,515	Jan. 30	5841	1223	120	1424
Dooley, Thomas B., assignor to J. Middleby, Jr., Malden, Mass. Printing-press	811,488	Jan. 30	5792	1213	120	1415
Doolittle, James E., Bridgeport, Conn., assignor to Birdsey-Somers Co., New York, N. Y. Side steel for corsets	835,350	Nov. 6	954	203	125	241
Doolittle, William W., assignor to Crane Company, Chicago, Ill. Welded pipe-flange	826,154	July 17	2982	620	123	791
Doolittle, William W., assignor to Crane Company, Chicago, Ill. Chuck	830,498	Sept. 11	1214	254	124	329
Doolittle, William W., assignor to Crane Company, Chicago, Ill. Multiple drill	833,590	Oct. 16	3196	679-80	124	2078
Dopp, William H., Buffalo, N. Y. Pressure-filter	834,892	Nov. 6	28	6-7	125	10
Doran, Harry E. (See Fahrney, Doran, and Newton.)						
Doran, James A., Providence, R. I. Threading-machine	828,466	Aug. 14	1560	330	123	2084
Doran, James A., Providence, R. I. Setting	829,388	Aug. 28	3445	724	123	2638
Doran, James A. and J. C., Providence, R. I. Feed attachment	812,833	Feb. 20	2631	575	120	2148
Doran, James A. and J. C., Providence, R. I. Badge	813,624	Feb. 27	4212	926	120	2550
Doran, James C. (See Doran, James A. and J. C.)						
Doran, John, Schenectady, N. Y. Electric signaling and testing system	826,090	July 17	2873	595	123	765
Doré, Elzear, Laprairie, Quebec, Canada. Hay-press	838,012	Dec. 11	1451	314	125	1758
Dorer, Carl L., Bellaire, Ohio. Apparatus for fire finishing and polishing glassware	834,275	Oct. 30	4796	1014	124	2560
Dorff, Conrad J., Chicago, Ill. Splice for electric wires	839,563	Dec. 25	4538	968	125	2605
Dorff, Conrad J., assignor to F. Greer, Chicago, Ill. Electrical-conduit terminal	839,564	Dec. 25	4538	968	125	2605
Dorman, Albert B., Winthrop, Mass. Syringe	826,091	July 17	2875	596	123	765
Dorman, Charles M., R. A. Smith, and H. G. Baggs, Salford, England. Electrical switch and cut-out	818,614	Apr. 24	4142	891	121	2426
Dorman, Gustav F., et al. (See Gould, Newton T., assignor.)						
Dorman, James F., East Tallassee, Ala. Saw-set	822,655	June 5	851	174	122	1916
Dormandy, Garry J. (See Pine and Dormandy.)						
Dorment, Frank C., assignor to National Vaporizer Company, Kalamazoo, Mich. Atomizer or nebulizer	815,411	Mar. 20	2907	603	121	740
Dorment, Frank C., Kalamazoo, Mich., assignor to L. R. Williams, Chicago, Ill. Atomizer and like instrument	828,722	Aug. 14	2063	434	123	2212
Dorment, Frank C., Kalamazoo, Mich., assignor to L. R. Williams, Chicago, Ill. Atomizer and like instrument	839,085	Dec. 18	3538	766	125	2316
Dorn, Christian, Philadelphia, Pa. Gear-operated screw-plunger	832,657	Oct. 9	1294	260	124	1564
Dorn, Christian, Philadelphia, Pa. Pawl-and-ratchet gearing	832,658	Oct. 9	1295	260	124	1565
Dorn, Rufus H., Los Angeles, Cal. Attachment for miter-boxes	831,940	Sept. 25	4128	860	124	1136
Dornan Brothers. (See Dornan and Shinn, assignors.)						
Dornan, Thomas B., Philadelphia, Pa. Woven fabric	808,976	Jan. 2	709	154	120	156
Dornan, Thomas B., Philadelphia, Pa. Woven pile fabric	823,996	June 19	3529	753	122	2604
Dornan, Thomas B., and N. M. Shinn, assignors to Dornan Brothers, Philadelphia, Pa. Pile-fabric loom	831,045	Sept. 18	2296	485-6	124	639
Dornbach, William J. (See Schultz, Franklin, assignor.)						
Dornbrier, James G., Cleveland, Ohio. Operating turbines	822,253	June 5	50	11	122	1739
Dornfeld, John F., Chicago, Ill. Malt-stirring apparatus	815,275	Mar. 13	2548	536-7	121	613
Dornfeld, John F., Chicago, Ill. Dumping-floor	816,716	Apr. 3	331	77	121	1433
Dornfeld, Louis. (See Moldenhauer and Dornfeld.)						
Dornon, George E., Willowgrove, W. Va. Wrench	825,525	July 10	1729	364	123	465

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Dorr, Harry A., Providence, R. I. Toilet article.....	812,189	Feb. 13	1373	298	120	1839
Dorrance, Charles J., Chicago, Ill. Smokeless furnace.....	827,854	Aug. 7	326	69-70	123	1751
Dorris, George P. (See Gadsey and Dorris.)						
Dorris, William P., Moro, Tex. Stalk-cutter.....	818,876	Apr. 24	4662	1000	121	2539
Dorsch, Heinrich. (See Heinrich and Dorsch.)						
Dorset, Marion, Washington, D. C. Manufacture of hog-cholera antitoxin.....	823,110	June 12	1777	.....	122	2163
Dorsey, Charles J., Baltimore, Md. Toy.....	833,157	Oct. 16	2285	450	124	1853
Dorsey, Henry, Dallas, Tex. Cabinet.....	815,076	Mar. 13	2147	453	121	523
Dorstrom, Benjamin, Bristol, R. I. Puzzle.....	819,345	May 1	628	134	122	145
Dort, Newton, Cleveland, Ohio. Broom-rake.....	818,751	Apr. 24	4429	947	121	2490
Dorweiler, Joseph, West Bend, Iowa. Concrete-mixer.....	821,790	May 29	5643	1202	122	1489
Dorsch, Peter, Bridgeport, Conn. Sheet-metal pulley-housing.....	817,228	Apr. 10	1352	284	121	1719
Dossert & Company. (See Dossert, John J., assignor.)						
Dossert, John J., New York, N. Y., assignor to Dossert & Company. Electric coupling.....	811,906	Feb. 6	716	156	120	1636
Dossert, John J., New York, N. Y., assignor to Dossert & Company. Branch coupling for electric conductors.....	811,907	Feb. 6	718	156	120	1637
Dossert, John J., New York, N. Y., assignor to Dossert & Company. Split-sleeve connector.....	811,908	Feb. 6	719	157	120	1637
Dotson, Christopher C., Huzzah, Mo. Wrench.....	816,157	Mar. 27	4418	935	121	1119
Dotts, Hiram S., Mountsboro, assignor of one-half to W. H. Giesey, Wheeling, W. Va. Sash-fastener.....	839,370	Dec. 25	4135	887	125	2508
Doty, Charles J. (See Eldredge and Doty.)						
Doty, David, San Angelo, Tex. Windmill.....	836,491	Nov. 20	3161	670	125	879
Doty, Edward A., Bloomsburg, Pa. Instrument-holding appliance.....	834,663	Oct. 30	5548	1177	124	2751
Doty, Edwin A., Albany, N. Y. Nut-lock.....	830,055	Sept. 4	292	59	124	71
Doty, Harry, East Orange, N. J. Telephone-call index.....	839,738	Dec. 25	4896	1046	125	2693
Doty, John W. (See Moran and Doty.)						
Doty, Marie S., Chicago, Ill. Skirt-gage.....	819,867	May 8	1658	355	122	435
Doty, Merton K., et al. (See Breed, De Witt C., assignor.)						
Doty, Walter G., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	823,516	June 19	2617	550	122	2405
Doub, John H., Walnut, Kans. Sheet-metal-cutting machine.....	839,275	Dec. 25	3960	851	125	2464
Double Body Bolster Company. (See Pfleger, Westlake, and Howard, assignors.)						
Double Body Bolster Company. (See Westlake, Charles T., assignor.)						
Double, Edward. (See Crag and Double.)						
Double, Edward, et al. (See Jones, Frederick W., assignor.)						
Double, Edward, Los Angeles, Cal. Underreamer.....	820,101	May 8	2209	480	122	555
Double-Friction Coil Clutch Company. (See Waugh, Edward H., assignor.)						
Doud, William L., Manila, Philippine Islands. Adjustable seat for water-closets.....	811,551	Feb. 6	27	7	120	1490
Dougherty, Johannah V., Detroit, Mich. Bedstead.....	815,077	Mar. 13	2149	453	121	523
Dougherty, John W., Steelton, Pa. Blast-furnace-charging apparatus.....	816,222	Mar. 27	4539	964	121	1146
Dougherty, John W., Steelton, Pa. Blast-furnace-charging apparatus.....	818,615	Apr. 24	4145	891	121	2427
Dougherty, William, assignor of one-third to C. Y. James, Chester, Pa. Upright water-tube boiler.....	830,138	Sept. 4	478	96	124	121
Douglas, Elizabeth J., and A. L. Johnson, Crete, Nebr. Folding voting-booth.....	828,935	Aug. 21	2493	528	123	2354
Douglas, Henderson B., assignor of one-half to J. S. Douglas, Butler, Pa. Magnetic rivet-holder.....	816,540	Mar. 27	5213	1105	121	1291
Douglas, Henderson B., assignor of one-half to J. S. Douglas, Butler, Pa. Magnetic rivet-holder.....	816,541	Mar. 27	5214	1106	121	1291
Douglas, James A., Yates Landing, Ill. Window-glass fastener.....	838,965	Dec. 18	3301	714	125	2254
Douglas, James A., Yates Landing, and J. Bartleson, Olmsted, Ill. Whiffletree-hook.....	839,739	Dec. 25	4897	1046	125	2693
Douglas, John S. (See Douglas, Henderson B., assignor.)						
Douglas, Raiford W., Spokane, Wash. Rule or gage.....	815,944	Mar. 27	3971	841	121	1022
Douglas, Robert R., Dunedin, New Zealand. Link of bucket dredging machinery.....	814,590	Mar. 6	1178	247	121	256
Douglas, William A., Utica, N. Y. Sash-lock.....	815,803	Mar. 20	3691	778	121	910
Douglas, William H. (See Burrows, Harrison G., assignor.)						
Douglass, J. Walter, trustee. (See Koonz, Frederick W., assignor.)						
Douglass, James A., Alliance, Ohio. Building-block.....	836,017	Nov. 13	2185	468	125	587
Douglass, Leon F., Philadelphia, Pa., assignor to Victor Talking Machine Company. Sound-box for talking-machines.....	831,546	Sept. 25	3309	695	124	924
Douglass, Robert C. (See Bates, Douglass, and Nourse.)						
Douglass, Samuel F., Bloomfield, N. J., assignor of one-half to W. M. Douglass, Frederick, Md. Car-coupling.....	830,977	Sept. 11	2152	455	124	571
Douglass, William W., Kansas City, Mo. Water elevating and storage apparatus.....	809,361	Jan. 9	1510	306-7	120	367
Douglass, Wm. M. (See Douglass, Samuel F., assignor.)						
Dousman, James H., Kansas City, Mo. Hanger.....	820,771	May 15	3513	754	122	903
Doux, Jules, Utica, N. Y. Dry cleaning.....	828,644	Aug. 14	1910	.....	123	2174
Dover, George W., Cranston, R. I. Barrette-fastener.....	810,475	Jan. 23	3836	788	120	958
Dover, George W., Cranston, R. I. Setting.....	813,084	Feb. 20	3123	684	120	2257
Dover, George W., Cranston, R. I. Setting.....	837,615	Dec. 4	678	156	125	1523
Dow, Alexander, New York, N. Y. Type composing and justifying machine.....	833,956	Oct. 23	4028	853-66	124	2325
Dow, Alexander, New York, N. Y. Type-setting machine.....	833,957	Oct. 23	4065	866-9	124	2331
Dow, Alexander, New York, N. Y. Case-handling device for type-setting machines.....	833,958	Oct. 23	4076	869-70	124	2333
Dow, Alexander, New York, N. Y. Pneumatic tire.....	836,569	Nov. 20	3305	704-5	125	913
Dow, Alexander, New York, N. Y., assignor to Dow Composing Machine Company of New York. Type setting and justifying machine and the art relating thereto.....	833,955	Oct. 23	3975	844-53	124	2317
Dow, Alonzo. (See Sigler and Dow.)						
Dow, Charles H., Boston, Mass. Ash-sifter.....	813,625	Feb. 27	4213	926	120	2550
Dow Composing Machine Company of New York. (See Dow, Alexander, assignor.)						
Dow, Daniel, et al. (See McGuire, John W., assignor.)						
Dow, Willard E., Braintree, Mass. Removable anvil-contact and bridge-support for electric vibrators.....	821,028	May 22	4114	874	122	1095
Dow, Willard E., Braintree, Mass. Electric binding-post.....	821,029	May 22	4116	875	122	1096
Dowagiac Manufacturing Company. (See Fowle, Charles L., assignor.)						
Dowd, John, Chicopee, assignor of one-half to A. M. Mason, Pittsburg, Kans. Device for firing blast charges.....	830,056	Sept. 4	292	59	124	72
Dowd, Patrick, New York, N. Y. Wardrobe.....	813,871	Feb. 27	4699	1040	120	2655
Dowden, John E., Manchester, S. D. Hay-loader.....	830,139	Sept. 4	479	96-7	124	121
Dowden, John W., Pearl, La. Churn.....	812,190	Feb. 13	1374	298-9	120	1839
Dowding, James F., Manchester, England. Milling-cutter.....	822,591	June 5	729	146-7	122	1839
Dowe, Daniel O., Montgomery, Ala. Coffee-urn.....	830,771	Sept. 11	1796	371	124	483
Dowe, William H., New York, N. Y., assignor to Cincha Stopper Company. Bottle-stopper.....	831,331	Sept. 18	2884	612	124	780
Dowe, William H., New York, N. Y., assignor to Cincha Stopper Company. Bottle-stopper.....	832,723	Oct. 9	1423	287	124	1595
Dowler, Charles R., Lamar, Colo., assignor to Colorado Railway Signal Company. Signal.....	812,025	Feb. 6	1003	219	120	1693

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Dowler, Charles R., Lamar, Colo., assignor to Colorado Railway Signal Company. Signal-circuit-breaking device.	835,410	Nov. 6	1083	233-4	125	273
Dowler, Charles R., assignor to Colorado Railway Signal Company, Lamar, Colo. Circuit-breaking device.	835,411	Nov. 6	1086	234	125	274
Dowlin, Ralph M., North Adams, Mass. Pen and pencil holder.	829,389	Aug. 28	3445	724	123	2638
Dowling, James F., Buffalo, N. Y. Extractor.	832,045	Oct. 2	37	9	124	1221
Dowling, Katherine M., Little Rock, Ark. Hose-supporter.	814,363	Mar. 6	738	149	121	163
Dowling, Stonewall J., Waxahachie, Tex. Vehicle-body construction.	809,788	Jan. 9	2369	489	120	553
Dowling, Thomas F., Lincoln, Nebr. Fire-shutter for doors and windows.	826,713	July 24	4147	862	123	1101
Dowling, William, assignor to Mesker & Brother, St. Louis, Mo. Jail-bunk.	822,592	June 5	730	147	122	1889
Down, Ernest U., Bowling Green, Ohio. Band-cutter and feeder.	836,182	Nov. 20	2537	533	125	727
Down, William. (See Bishop and Down.)						
Downard, Byron B. (See Bradshaw and Downard.)						
Downer, Murillo, Chicago, Ill. Air-cushion for vehicles.	811,622	Feb. 6	172	38	120	1523
Downer, Murillo, Chicago, Ill. Vehicle.	820,707	May 15	3388	725	122	872
Downes, Louis W., Providence, R. I. Field-coil insulation and forming same.	830,419	Sept. 4	1048	218-19	124	259
Downes, William A., Detroit, Mich. Steam-injector.	818,422	Apr. 24	3739	803	121	2340
Downey, Marshall, Henry, Ill. Curtain-display cabinet.	815,978	Mar. 13	2150	453-4	121	524
Downey, William H. J., assignor of one-half to J. P. McIntyre, Middletown, Del. Combined match-box and cigar-cutter.	826,232	July 17	3135	651	123	825
Downie, Robert M. (See Smith, Downie, and Ransom.)						
Downing, William C., Chicago, Ill. Numbering-machine.	829,260	Aug. 21	3181	669	123	2529
Downing, William H., assignor of one-half to J. W. Solley, Parkersburg, W. Va. Rotary engine.	837,202	Nov. 27	4612	978-81	125	1270
Downs, Fred B., Warren, Ohio. Die-stock.	819,868	May 8	1660	355-6	122	435
Downs, Hugh, Pittsburg, and W. C. Wally, Etna, Pa. Device for coupling wire and Manila rope.	812,412	Feb. 13	1816	397	120	1935
Downs, Hugh, Pittsburg, and W. C. Wally, Etna, Pa. Wire-rope protector.	812,413	Feb. 13	1816	398	120	1935
Downs, John H., New York, N. Y. Land-marking monument.	813,872	Feb. 27	4700	1040	120	2656
Downs, John P., assignor to North Electric Company, Cleveland, Ohio. Relay device.	821,992	May 29	6017	1283	122	1572
Downs, John P., Boston, Mass., assignor to North Electric Company, Cleveland, Ohio. Relay device.	822,193	May 29	6406	1360	122	1661
Downs, Walter. (See Maddison and Downs.)						
Downton, James W. S. (See Downton, Robert L., assignor.)						
Downton, Robert L., assignor of one-half to J. W. S. Downton, Maplewood, Mo. Apparatus for treating flour.	833,708	Oct. 16	3427	730	124	2131
Doxie, George W., Cadillac, Mich. Handle for crosscut-saws.	838,698	Dec. 18	2833	608	125	2143
Doyle, John, and C. F. Averill, New York, N. Y. Coin attachment for prepayment-meters.	815,945	Mar. 27	3973	842	121	1022
Doyle, John F., Chicago, Ill. Base-ball-batting apparatus.	831,605	Sept. 25	3427	720	124	955
Doyle, Joseph, West Indianapolis, Ind. Piano-key.	820,289	May 8	2582	562	122	638
Doyle, Joseph A., et al. (See Keyes, Harry E., assignor.)						
Doyle, Joseph P., Cleveland, Ohio. Vessel-trimmer.	817,229	Apr. 10	1353	284	121	1719
Doyle, William, West Lorne, Canada. Coat-holder.	817,755	Apr. 17	2377	510	121	1990
Doyle, William L. (See Vraalstad and Doyle.)						
Dozier, Alva B., Taylor, Tex. Telephone or switchboard plug.	836,805	Nov. 27	3820	814	125	1079
Dozier, James C., Baton Rouge, La. Billiard-table leveling and holding device.	821,225	May 22	4484	955	122	1176
Dr. J. H. McLean Medicine Company. (See Allison, James E., assignor.)						
Dr. N. Gerber's Co. Gesellschaft mit Beschraenkter Haftung. (See Wendler, Oscar, assignor.)						
Drahonowsky, Wenzel I. (See Lentschat, Georg, assignor.)						
Drain, James A. (See Liggett, Frank T., assignor.)						
Drake, Alden M., Hartford, Conn. Changeable-speed feed mechanism.	824,914	July 3	476	93-4	123	126
Drake, Chester T. (See Mackin, John W., assignor.)						
Drake, Elvis E., Nashville, Tenn. Head-block for hay-presses.	813,409	Feb. 27	3781	830	120	2453
Drake, Francis, St. Louis, Mo. Copy-holder.	826,770	July 24	4251	883	123	1129
Drake, James H., Morgan Park, assignor of one-fourth to J. J. Schermack, Chicago, Ill. Vehicle-wheel.	832,368	Oct. 2	696	134	124	1380
Drake, James M., Shawano, Wis. Potato-plow.	836,018	Nov. 13	2186	469	125	587
Drake, Joseph E., Blue Rapids, Kans. Grain-door.	810,267	Jan. 16	3357	695	120	815
Drake, William. (See Stanton, Knights, and Drake.)						
Drake, Wilton E. (See Devine, William P., assignor.)						
Drake, Wilton E. (See Tibbals, Frank A., assignor.)						
Draper, Clare H., assignor to Draper Company, Hopedale, Mass. Shedding mechanism for looms.	818,019	Apr. 17	2941	635	121	2116
Draper Company. (See Bailey, Charles L., assignor.)						
Draper Company. (See Benson, Arthur E., assignor.)						
Draper Company. (See Benson, Omar, assignor.)						
Draper Company. (See Burgess, George M., assignor.)						
Draper Company. (See Burt, Allan E., assignor.)						
Draper Company. (See Cassidy and St. Laurent, assignors.)						
Draper Company. (See Crane, John P., assignor.)						
Draper Company. (See Cunniff, Edward, assignor.)						
Draper Company. (See Cyr, Henry, assignor.)						
Draper Company. (See Davis, Harry A., assignor.)						
Draper Company. (See Draper, Clare H., assignor.)						
Draper Company. (See Draper, William F., assignor.)						
Draper Company. (See Draper and Metcalf, assignors.)						
Draper Company. (See Greg, Henry P., assignor.)						
Draper Company. (See Gustafson and Olsson, assignors.)						
Draper Company. (See Kelley, Herbert F., assignor.)						
Draper Company. (See Marcoux, Alida M., assignor.)						
Draper Company. (See Metcalf, Clarence E., assignor.)						
Draper Company. (See Northrop, Jonas, assignor.)						
Draper Company. (See Nutting, Charles E., assignor.)						
Draper Company. (See Perkins and St. Laurent, assignors.)						
Draper Company. (See Peterson, Patrik L., assignor.)						
Draper Company. (See Rhoades, Alonzo E., assignor.)						
Draper Company. (See Roper, Charles F., assignor.)						
Draper Company. (See Roper, Walter F., assignor.)						
Draper Company. (See Smith and Stimpson, assignors.)						
Draper Company. (See Stimpson, Edward S., assignor.)						
Draper Company. (See Stimpson and Southwick, assignors.)						
Draper Company. (See Wood, Everett S., assignor.)						
Draper, David, and G. A. Hay, Johannesburg, Transvaal. Amalgamator.	813,780	Feb. 27	4506	996	120	2613
Draper, Fred, Danville, Ill. Apparel-collar.	829,063	Aug. 21	2754	579	123	2420

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Disg.	Vol.	Page.
Draper, George O., Hopedale, Mass., assignor to Sawyer Spindle Company, Portland, Me. Bobbin-clutching means for rotatable spindles.	834,893	Nov. 6	33	7	125	12
Draper, George O., and C. E. Metcalf, assignors to Draper Company, Hopedale, Mass. Rotary ring-spinning apparatus.	820,628	May 15	3237	696	122	841
Draper, George O., and C. E. Metcalf, assignors to Draper Company, Hopedale, Mass. Ring spinning or twisting apparatus.	820,629	May 15	3239	696	122	842
Draper, William F., Hopedale, Mass. Automatically-threading shuttle.	834,607	Oct. 30	5430	1153-4	124	2720
Draper, William F., assignor to Draper Company, Hopedale, Mass. Warp-tensioning means for looms.	819,742	May 8	1403	302	122	374
Draudt, Frank W., Zion City, Ill. Candy-screening machine.	813,626	Feb. 27	4213	926-7	120	2550
Draver, Emil R., Richmond, Ind. Means for imparting gyratory motion to sieve-boxes and other bodies.	830,309	Sept. 4	829	170	124	208
Dravo, William M., and W. H. Frink, North Belle Vernon, assignors to Window Glass Machine Company, Pittsburgh, Pa. Glass-pot-handling apparatus.	834,894	Nov. 6	36	7	125	12
Drawe, Bernard M., assignor of one-third to R. Weigel, Sandusky, Ohio. Water-closet.	823,770	June 19	3094	655	122	2508
Drear, Harry J., Vanport, assignor of one-half to R. J. Overton, Freedom, Pa. Dinner-bucket.	810,730	Jan. 23	4315	896-7	120	1064
Drees, Michel, Aplerbeck, Germany. Gas-purifying apparatus.	829,700	Aug. 28	4124	873	123	2804
Dreibelbis, Alfred S., Reading, Pa. Rail and tie fastener.	809,555	Jan. 9	1915	397	120	454
Dreier, Andrew H., New York, N. Y. Trolley.	833,312	Oct. 16	2623	550	124	1941
Dreis, Nicholas, Hastings, Minn. Steering mechanism for engines.	827,429	July 31	5633	1166	123	1483
Drennan, John S., Cleburne, Tex. Gate-latch.	809,608	Jan. 9	2031	421	120	478
Dressler, Gustav A. H., Kiel, Germany. Chain-link shackle.	819,007	Apr. 24	4908	1054	121	2593
Dressel, Charles H., assignor to Dressel Railway Lamp Works, New York, N. Y. Signal-lantern.	813,781	Feb. 27	4511	996	120	2614
Dressel, Charles H., assignor to Dressel Railway Lamp Works, New York, N. Y. Lamp-burner.	814,591	Mar. 6	1179	247	121	256
Dressel, Frederick W., assignor to Dressel Railway Lamp Works, New York, N. Y. Lamp-burner.	813,202	Feb. 20	3357	738	120	2307
Dressel, George M. (See Stone and Dressel.)						
Dressel Railway Lamp Works. (See Dressel, Charles H., assignor.)						
Dressel Railway Lamp Works. (See Dressel, Frederick W., assignor.)						
Dresser, Benjamin L., Uxbridge, Mass. Trolley-harp.	829,390	Aug. 28	3446	725	123	2638
Dresser, Charles A. (See Armstrong and Dresser.)						
Dresser, Charles A., assignor to G. A. E. and F. W. Kohler, Chicago, Ill. Controlling device for motors.	814,946	Mar. 13	1873	393	121	466
Drew, Curtis C., Tiffin, Ohio. Glass-mold.	830,057	Sept. 4	294	59-60	124	72
Drew, George T., Omaha, Nebr. Vehicle-wheel.	826,092	July 17	2875	596	123	765
Drew, George T., Omaha, Nebr. Vehicle-wheel.	826,093	July 17	2878	596	123	766
Drew, Harry B., Kittery Depot, Me. Folding box.	831,712	Sept. 25	3675	769	124	1024
Drew, John R., San Francisco, Cal. Adjustable extension for piano-pedals.	839,276	Dec. 25	3963	851	125	2464
Drew, Samuel, Rochester, N. Y. Radiator.	838,966	Dec. 18	3302	714	125	2254
Drewes, Ferdinand B., Granada, Minn. Road-grader.	808,820	Jan. 2	391	85	120	87
Drews, Emil, Pforzheim, Germany. Bracelet.	811,767	Feb. 6	435	95	120	1581
Drey, Oscar, South Reddish, near Stockport, England. Machine for cutting weft pile fabrics.	827,430	July 31	5634	1166-7	123	1484
Dreyer, Richard, Sea Cliff, N. Y. Spout for cans.	831,841	Sept. 25	3905	819	124	1081
Dreyer, Wilhelm, Bad Rothenfelde, Germany. Cask or vessel for ignitable or explosive liquids or gases.	813,365	Feb. 20	3689	810	120	2375
Drier, Ezra N., Vancouver, Canada. Surgical arm-splint.	821,619	May 29	5288	1128	122	1410
Driesbach, Frank K. (See Lanier and Driesbach.)						
Drifill, James A. (See Ely, Martin J., assignor.)						
Driggs, Louis L., Washington, D. C., assignor to Driggs-Seabury Ordnance Corporation, Sharon, Pa. Gun-mount.	818,942	Apr. 24	4779	1027-8	121	2565
Driggs, Louis L., Sharon, Pa., and E. Wilkinson, Washington, D. C.; said Wilkinson assignor to said Driggs. Shell-fuse.	823,852	June 19	3248	687-8	122	2543
Driggs-Seabury Ordnance Corporation. (See Driggs, Louis L., assignor.)						
Driggs Seabury Ordnance Corporation. (See Driggs, William H., assignor.)						
Driggs, William H., Washington, D. C., assignor to Driggs-Seabury Ordnance Corporation, Sharon, Pa. Shell-fuse.	818,943	Apr. 24	4784	1028	121	2566
Driggs, William H., Washington, D. C., assignor to Driggs-Seabury Ordnance Corporation, Sharon, Pa. Firing mechanism for guns.	839,124	Dec. 25	3650	787-8	125	2388
Drinkwater, Edgar L., Chicago, Ill. Bottle-holder.	814,524	Mar. 6	1056	218	121	229
Drinkwater, Edgar L., Chicago, Ill. Ink-bottle holder.	822,725	June 5	999	204	122	1948
Drinkwater, James H., Winchester, Canada. Ballast-trimmer.	816,223	Mar. 27	4542	964-6	121	1146
Driscoll, Richard F., assignor to Economist Gas Engine Co., San Francisco, Cal. Vapor-generator.	819,211	May 1	356	76	122	85
Driscoll, Robert H. (See Seybers, Frank, assignor.)						
Driscoll, Robert H., et al. (See Seybers, Frank, assignor.)						
Drissler, Frederick, New York, N. Y. Safety-lock for brooches, scarf-pins, and the like.	823,517	June 19	2621	551	122	2406
Driver, Charles H., assignor of one-half to W. W. K. Decker, J. K. Chaney, and H. Bigelow, Tarpon Springs, Fla. Axle-lubricator.	812,552	Feb. 13	2098	460	120	1994
Driver, Charles H., assignor of one-half to W. W. K. Decker, J. K. Chaney, and H. Bigelow, Tarpon Springs, Fla. Vehicle-axle.	819,128	May 1	191	38	122	48
Driver, De Forest L., and C. I. Mansmith, Burt, Iowa. Driving mechanism.	824,102	June 26	3706	791	122	2699
Driver, Wilbur B., East Orange, N. J. Alloy.	824,103	June 26	3707		122	2700
Driver, William J. (See Joy, Charles H., assignor.)						
Drolshagen, Paul L. E., New York, N. Y. Dowel.	809,177	Jan. 2	1091	227	120	240
Dronfield, Albert J., assignor of one-half to W. A. Miller, Providence, R. I. Adjustable guide-wire holder for yarn-winding machines.	837,389	Dec. 4	224	56	125	1411
Dropeskey, Joseph J., Mount Carmel, Pa. Perch-bracket.	838,851	Dec. 18	3111	670	125	2211
Drossness, Phillip, New York, N. Y. Corset-busk.	837,669	Dec. 4	795	180	125	1552
Drossner, Hermann. (See Haase, Richard, assignor.)						
Droste, Joseph T. (See Zwilling and Droste.)						
Drought, Edward S. W., Kansas City, Mo. Device for grappling lost tools in drill-wells.	826,550	July 24	3817	791	123	1015
Druehl, Louis A., Chicago, Ill. Dial-lock.	809,556	Jan. 9	1916	398	120	454
Drum, Alphonse L., Lake Forest, Ill. Lamp-regulator.	814,364	Mar. 6	739	150	121	163
Drummond, Alexander B. (See Hildyard and Drummond.)						
Drummond, Dugald, Surbiton, England. Spark-preventer for locomotives.	817,474	Apr. 10	1854	389	121	1823
Drummond, Rogers D., Poughkeepsie, N. Y. Cheese-cutter.	818,528	Apr. 24	3963	851	121	2387
Drummond, Walter E., et al. (See McClintock, Frank, assignor.)						
Drury-Kneisly Manufacturing Company. (See Kneisly, Daniel W., assignor.)						
Dry Amalgamation Co. (See Thomas, Herbert A., assignor.)						
Dryden, Caelius O., Philadelphia, Pa. Incandescent gas-burner.	835,182	Nov. 6	617	126	125	156
Dryer, Charles A., Champaign, Ill. Ejector.	812,026	Feb. 6	1005	220	120	1693

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Dryer, George W., New York, N. Y. Car-seat.	831,777	Sept. 25	3782	792	124	1051
Drysdale, David S., assignor to Domestic Sewing Machine Company, Newark, N. J. Tension device for sewing-machines.	820,290	May 8	2583	563	122	638
Du Bes, George W., New Orleans, La. Pocketless standard.	808,733	Jan. 2	226	48	120	52
Du Bes, George W., New Orleans, La. Flat-car standard.	819,527	May 1	972	213	122	218
Du Bes, George W., New Orleans, La. Locking and releasing mechanism for standards of logging-cars. (Reissue).	12,482	May 15	3911	834-5	122	990
Du Bes, George W., New Orleans, La. Gondola-car standard.	835,302	Nov. 6	849	179	125	214
Du Bes, George W., Kansas City, Mo. Standard.	808,907	Jan. 2	572	126	120	125
Du Bois, Alexander D., assignor to Western Electric Company, Chicago, Ill. Speed-control system for electric motors.	826,318	July 17	3302	682	123	867
Du Bois, Alexander D., assignor to Western Electric Company, Chicago, Ill. Multi-voltage speed-controller.	836,019	Nov. 13	2187	469	125	588
Du Bois, Caspar C., Noblesville, Ind. Gate.	822,513	June 5	559	113	122	1849
Du Bois, Solomon F. (See Dill and Du Bois.)						
Du Brul, Napoleon, Cincinnati, Ohio. Cigar-cutter.	816,569	Apr. 3	29	8	121	1360
Du Brul, Napoleon, Cincinnati, Ohio. Cigarette and making same.	818,150	Apr. 17	3196	687	121	2170
Du Mond, Alonzo A. (See Willis and Du Mond.)						
Du Montier, Alfred, Washington, D. C., assignor to American Loktile Company, Alexandria, Va. File.	825,304	July 10	1227	258-9	123	337
Du Pont, Francis I., Wilmington, Del. Gunpowder and making same.	813,020	Feb. 20	2995		120	2229
Du Pont, Francis I., Wilmington, Del. Device for relative feed.	818,556	Apr. 24	4015	861	121	2397
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Ballistic gun.	815,468	Mar. 20	3002	626	121	761
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Fuse.	821,883	May 29	5802	1236	122	1523
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive-cartridge and making same.	837,958	Dec. 11	1344	294	125	1729
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Cartridge.	838,748	Dec. 18	2911	628	125	2162
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Apparatus for igniting primers in wells.	839,194	Dec. 25	3803	821	125	2425
Du Pont, Francis I., and F. Sparre, assignors to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Producing explosive powder.	836,704	Nov. 27	3604		125	1020
Du Vernay, Oliver J., Leominster, Mass. Switch-operating device.	814,278	Mar. 6	541	113	121	116
Duane, Harry B., Boston, Mass. Combined label and premium-coupon.	814,592	Mar. 6	1180	247	121	256
Dubach, Anton, Highland, Ill. Corn-planter.	835,941	Nov. 13	2065	441	125	559
Dube, Raphael E. and W. A., Faribault, Minn. Carpet-cutting machine.	814,947	Mar. 13	1877	394	121	466
Dube, Wilfrid A. (See Dube, Raphael E. and W. A.)						
Dubee, William. (See Gaylor and Dubee.)						
Dubéy, Alfred E., New York, N. Y. Tympan-offset paper for printing-presses.	812,553	Feb. 13	2100	460	120	1994
Dubinski, Benjamin, San Antonio, Tex. Phonograph-machine.	817,756	Apr. 17	2378	511	121	1991
Dubois, Henry E., Grand Rapids, Mich. Controller for electric motors.	824,237	June 26	3975	852	122	2758
Dubrue, Emanuel P., San Francisco, Cal. Wire-tightener.	837,549	Dec. 4	530	123	125	1487
Dubucque Harness and Saddlery Company. (See Grings, Casper H., assignor.)						
Duc, Henry A., Jr., Charleston, S. C. Marine engine.	833,591	Oct. 16	3198	680	124	2079
Duc, Henry A., Jr., Charleston, S. C. Elastic-fluid engine.	834,371	Oct. 30	4983	1055	124	2608
Ducasse, Henry, assignor to Société Anonyme l'Electrique, Paris, France. Electrically-operated vehicle.	827,687	July 21	6230	1293	123	1637
Ducellier, Alfred J., Paris, France. Excavating-machine.	824,531	June 26	4563	969-71	122	2883
Ducellier, Alfred J., Vineuil, near Chantilly, France. Apparatus for constructing subaqueous walls and the like.	835,238	Nov. 6	731	152-3	125	185
Duchemin, William, Somerville, Mass. Sewing-machine feed.	817,304	Apr. 10	1502	315	121	1747
Ducker, Orlando, Washington, D. C. Making tiles.	836,638	Nov. 20	3434	733	125	943
Ducker, William M., New York, N. Y. Portable house.	819,129	May 1	192	39	122	49
Ducker, William M., New York, N. Y. Sash-supporter.	828,098	Aug. 7	826	171	123	1875
Ducker, William M., New York, N. Y. Sash-holding device.	828,099	Aug. 7	827	171	123	1875
Ducker, William M., New York, N. Y. Roof for houses.	830,216	Sept. 4	643	129	124	163
Duckham, Arthur M. (See Woodall and Duckham.)						
Duckitt, John B., assignor of one-half to J. Adamson and Company, Hyde, England. Electric controller and starting-switch.	833,129	Oct. 9	2221	467-8	124	1792
Duckwitz, Ferdinand H. (See Haag, Edward N., assignor.)						
Duda, Constantin, Chicago, Ill. Floor-scraper.	830,651	Sept. 11	1540	318	124	414
Dudley, Charles R., Sykesville, Md. Apparatus for distilling water.	824,630	June 26	4767	1016	122	2927
Dudley, Dana, Wakefield, Mass. House-to-house telescope system.	826,155	July 17	2983	620-1	123	791
Dudley, John S., Marion, Ohio. Copy-holder.	808,821	Jan. 2	392	85	120	87
Dudley, Pemberton, assignor of two-thirds to D. W. Reynolds and G. W. Patterson, Asbury Park, N. J. Trolley-pole.	826,319	July 17	3305	682	123	868
Dudley, William L., Nashville, Tenn. Spark-arrester.	831,656	Sept. 25	3539	745-6	124	986
Dudson, John E., assignor of two-thirds to L. B. Brown and P. Woll, Jr., Philadelphia, Pa. Lace fabric.	838,174	Dec. 11	1816	388	125	1852
Duenkel, Charles L. (See Pattee and Duenkel.)						
Duer, Charles W., Chicago, Ill. Automobile.	820,102	May 8	2213	481	122	556
Dueterwald, Frank, New York, assignor to C. E. Leighton, Brooklyn, N. Y. Locking device for permutation-locks.	828,276	Aug. 7	1150	242	123	1950
Dueterwald, Frank, New York, assignor to C. E. Leighton, Brooklyn, N. Y. Locking device for permutation-locks.	832,542	Oct. 2	1039	209	124	1463
Duff, Edward J., Liverpool, England. Recovering ammonia from gas.	820,039	May 8	2076	452-3	122	526
Duff, Hugh Y. B., assignor to J. T. Duff, Pittsburgh, and J. McNaugher, Allegheny, Pa. Assembling device.	828,391	Aug. 14	1405	297	123	2044
Duff, Hugh Y. B., Allegheny, assignor to A. Q. Carpenter, J. Stuart, J. McCune, W. Y. Cadwallader, and G. B. Griffiths, Pittsburg, Pa. Gas apparatus.	820,959	May 22	3961	842	122	1061
Duff, James R., Lowell, Mass. Cattle-stanchion.	836,671	Nov. 27	3532	753	125	1002
Duff, John T., et al. (See Duff, Hugh Y. B., assignor.)						
Duff, John T., Pittsburg, Pa. Gong attachment.	808,908	Jan. 2	572	127	120	125
Duff, John T., Pittsburg, assignor of one-half to J. McNaugher, Allegheny, Pa. Grinding or polishing machine.	822,656	June 5	854	174-5	122	1917
Duffield, Thomas C., Elmer, N. J. Bottle-mold.	820,403	May 15	2797	608	122	745
Duffield, Thomas C., Elmer, N. J. Bottle-mold.	820,404	May 15	2799	609-10	122	745
Duffy, Charles H., New York, N. Y., assignor to Automatic Target Machine Company. Target apparatus.	824,982	July 3	616	124	123	162
Duffy, Joseph, Victoria Park, London, England. Wood paving.	829,002	Aug. 21	2619	552	123	2384
Duffy, Patrick J., Freedom, Pa. Stoker.	820,184	May 8	2367	514-15	122	589
Duffy, W. J., et al. (See Harrington, Claude B., assignor.)						
Dufour, Albert G., assignor to J. A. Jeffrey, Columbus, Ohio. Sprocket-wheel.	811,134	Jan. 30	5136	1073	120	1274
Dugan, Thomas J., assignor of fifty-one one-hundredths to M. J. O'Donnell, Cleveland, Ohio. Machine for making can-bodies.	828,723	Aug. 14	2068	434-7	123	2214

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Dugdill, John, Failsworth, Manchester, England. Rotary electric switch.	809,433	Jan. 9	1682	345-6	120	402
Dugdill, John, Manchester, England. Electrical fittings.	825,199	July 3	1010	214-15	123	264
Duggan, Patrick J., and J. J. McCarthy, Providence, R. I. Bobbin-holder for spinning-spindles.	839,460	Dec. 25	4325	923	125	2553
Duggins, Edward, assignor of one-half to J. R. Richards, Oliver Springs, Tenn. Pipe-tongs or wrench.	809,102	Jan. 2	966	200	120	213
Dugins, William F., Kew, Victoria, Australia. Tobacco-pipe.	821,030	May 22	4117	875	122	1096
Dugins, William F., Kew, Victoria, Australia. Combined tobacco-box cover and cutter.	830,140	Sept. 4	482	97	124	122
Dugmore, James, Quinton, England. Machine for stropping razors.	817,230	Apr. 10	1355	284-5	121	1720
Duke, B. N., et al. (See Tatum, James W., assignor.)						
Duke, George W., Powder Springs, assignor of one-half to J. F. Dunton, Atlanta, Ga. Railway-tie plate.	822,832	June 5	1193	245	122	1989
Duke, Robert. (See Farnsworth, Rogers, and Duke.)						
Duke, Waring, Crisp & Co. (See Giussani, Giovanni, assignor.)						
Dukerschien, Louis W., and F. Engle, Oshkosh, Wis. Radiator-valve union nipple-wrench.	817,695	Apr. 10	2244	482	121	1905
Dukes, Harry S., Little Rock, Ark. Vertical-plane type-writer.	827,514	July 31	5854	1213	123	1537
Dukesmith, Frank H., Meadville, Pa. Air-brake system.	819,415	May 1	767	164	122	173
Dukesmith, Frank H., Meadville, Pa. Emergency cut-out cock for air-brakes.	820,291	May 8	2584	563	122	638
Duket, John J., Toledo, Ohio. Hat-fastener.	836,183	Nov. 20	2541	534	125	728
Dulac, Adolphe. (See Martinet and Dulac.)						
Dulait, Julien, and L. Rosenfeld, Charleroi, Belgium. Device for reversing and automatically blocking trains on electrodynamic traction-railways.	835,103	Nov. 6	464	94	125	122
Dulaney, John B., Ector, Tex. Acetylene-gas generator.	816,717	Apr. 3	333	77	121	1434
Dulin, Charles E., Glens Falls, N. Y. Finishing or packing press for paper bags.	838,392	Dec. 11	2241	485	125	1953
Dulin, Charles E. and W. T., North Tonawanda, N. Y. Paper-bag machine.	832,850	Oct. 9	1689	347-8	124	1660
Dulin, William T. (See Dulin, Charles E. and W. T.)						
Dull, James E., assignor of one-half to W. H. Eley, Suffolk, Va. Hame-tug.	827,001	July 24	4687	977	123	1234
Duloves, Louis. (See Petrich and Duloves.)						
Dumas, Ernest G., Lowell, Mass. Loose-leaf binder.	809,557	Jan. 9	1917	398	120	455
Dumbolton, Perry, Traverse City, Mich. Union check-valve.	818,670	Apr. 24	4249	914	121	2450
Dumons, Louis, Roubaix, France. Apparatus for circulating liquids in dye-vats.	836,101	Nov. 20	2352	497-8	125	683
Dunbar, Edson L., Milford, N. H. Machine for making wooden shank-stiffeners.	829,463	Aug. 28	3629	762-3	123	2685
Dunbar, Francis M., et al. (See Davis, John W., assignor.)						
Dunbar, Harry S., Cleveland, Ohio. Shade-roller bracket.	823,997	June 19	3532	753	122	2604
Dunbar, James, Invercargill, New Zealand. Grip.	820,292	May 8	2586	563	122	638
Dunbar, James F., et al., trustees. (See Stearns, Albert T.)						
Dunbar, Kate M., Sacramento, Cal. Clothes-gripper.	824,915	July 3	479	94	123	127
Dunbar, Thomas, and E. I. Dodds, Pullman, assignors to Pullman Company, Chicago, Ill. Railway-car sill.	825,042	July 3	715	150	123	191
Dunbar, Thomas, and E. I. Dodds, Pullman, assignors to Pullman Company, Chicago, Ill. Side or center sill for cars.	825,043	July 3	716	150	123	192
Dunbar, Thomas, and E. I. Dodds, Pullman, assignors to Pullman Company, Chicago, Ill. Metallic hopper-car.	831,657	Sept. 25	3541	746	124	987
Dunbar, Wilmer, Akron, Ohio. Mold for rubber tires, &c.	834,608	Oct. 30	5434	1154	124	2720
Duncan, Arthur T., Clinton, Mo. Stopper-valve.	809,789	Jan. 9	2370	489	120	554
Duncan, Arthur T., Clinton, Mo. Cushioned butt-plate.	837,455	Dec. 4	357	84	125	1445
Duncan, Benjamin T. (See Macy and Duncan.)						
Duncan, Charles, assignor to Duncan Electrical Company, Limited, Montreal, Quebec, Canada. Basket for incandescent-electric-light bulbs.	834,664	Oct. 30	5549	1177	124	2751
Duncan, Clark J., Windber, Pa. Rotary engine.	834,049	Oct. 23	4289	910	124	2387
Duncan, Constantine, Hampton, Va. Means for attaching wheels to axles.	838,967	Dec. 18	3304	714	125	2255
Duncan, Edward C., Jamaica Plain, Mass. Rotary engine.	819,638	May 1	1182	258	122	266
Duncan Electric Manufacturing Co. (See Duncan, Thomas, assignor.) (Reissue.)						
Duncan Electric Manufacturing Company. (See Duncan, Thomas, assignor.)						
Duncan Electric Company. (See Duncan, Charles, assignor.)						
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	823,673	June 19	2921	.....	122	2473
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	823,674	June 19	2923	.....	122	2473
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	823,675	June 19	2924	.....	122	2473
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	823,676	June 19	2924	.....	122	2473
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	825,526	July 10	1730	.....	123	465
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	825,527	July 10	1731	.....	123	466
Duncan, George S., and G. H. Potts, Edinburgh, Scotland, assignors to American Offset Company, New York, N. Y. Composition for preventing set-offs in printing.	825,528	July 10	1732	.....	123	466
Duncan, Henry J., Alpena, Mich. Machine for roughing wood spools, cores, &c.	811,281	Jan. 30	5427	1131-2	120	1339
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Type-setting machine.	811,623	Feb. 6	174	38-40	120	1524
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Stencil-frame.	822,354	June 5	253	53	122	1781
Duncan, Joseph S., and O. N. Tevander, Chicago, Ill., assignors to Addressograph Company. Index-card.	808,909	Jan. 2	574	127	120	126
Duncan, Perry R., assignor of three-fourths to A. E. Lynch, E. Flynn, trustee, and A. E. Lynch, trustee, Cleveland, Ohio. Upsetting or heading machine for bolts, rivets, and the like.	837,919	Dec. 11	1268	278-9	125	1711
Duncan, Thomas, La Fayette, Ind. Electric meter.	817,305	Apr. 10	1504	315	121	1748
Duncan, Thomas, assignor to Duncan Electric Manufacturing Co., La Fayette, Ind. Electric meter. (Reissue.)	12,453	Feb. 20	3736	821	120	2385
Duncan, Thomas, Chicago, Ill., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter.	833,205	Oct. 16	2402	503-4	124	1884
Duncan, William D., Boston, Mass. Mooring device.	810,442	Jan. 16	2886	595	120	718
Duncan, William H., Wilmington, Ohio. Filter for cisterns.	828,724	Aug. 14	2076	437	123	2217
Duncan, William M., Alton, Ill. Molding-machine.	821,791	May 29	5645	1202-3	122	1490
Dundas, Edwin W. (See Locke, Thomas F., assignor.)						
Dundas, Harry, assignor of one-half to S. C. Allerbach, Oil City, Pa. Dividers.	820,352	May 8	2683	585	122	660
Duner, John C., Chicago, Ill. Water-closet.	832,897	Oct. 9	1780	367	124	1681
Dunford, George C. (See Laraway, William H., assignor.)						
Dungan, Allen B., Allentown, assignor of one-half to G. C. Williams, Reading, Pa. Electric signal.	826,551	July 24	3818	791	123	1016
Dungan, George W., Shenandoah, Pa. Washing-machine.	823,323	June 12	2224	464	122	2261
Dungan, Harry C., assignor of one-half to E. Jones, Jackson, Ohio. Transfer and indicating mechanism for calculating-machines.	814,593	Mar. 6	1181	247	121	256

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Dunham, Addison G., Cincinnati, Ohio. Releasing device for stalls.....	837,289	Dec. 4	37	612	125	1363
Dunham, Caleb D., Boston, Mass. Ball-caster.....	818,080	Apr. 17	3054	658	121	2139
Dunham, Charles L., Center View, Ohio. Pipe-wrench.....	818,877	Apr. 24	4663	1001	121	2539
Dunham, Clayton A., Marshalltown, Iowa. Vacuum heating system.....	816,972	Apr. 3	856	176-7	121	1548
Dunham, Frank A., Brockton, Mass. Faucet.....	808,940	Jan. 2	575	127	120	126
Dunham, Frank A., Brockton, Mass. Faucet.....	816,440	Mar. 27	5003	1063	121	1243
Dunham, George, Unionville, Conn. Making hexagonal nuts.....	834,372	Oct. 30	4987	1055	124	2609
Dunham, Henry V., Bellows Falls, Vt., assignor to Casein Company of America. Precipitating and preserving casein.....	814,594	Mar. 6	1183	.....	121	256
Dunham, Henry V., Bellows Falls, Vt., assignor to Casein Company of America. Casein solution and producing same.....	821,620	May 29	5290	.....	122	1410
Dunham, Kennon. (See Churcher, William B., assignor.)						
Dunham, Lewis A., Kansas City, Mo., assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator.....	823,492	June 12	2553	538	122	2330
Dunham, Riley P., Delhi, Mich. End-gate and scoop-board for wagons.....	836,102	Nov. 20	2360	498	125	684
Dunham, Wiley J., Berea, Ohio. Land-roller.....	811,909	Feb. 6	721	157	120	1637
Dunhill, Alfred, South Hampstead, England. Advertising device.....	812,191	Feb. 13	1375	299	120	1839
Dunkel, Otto, Lincoln, Nebr. Burglar-alarm.....	829,515	Aug. 28	3737	793	123	2711
Dunkel, Otto, Lincoln, Nebr. Skinning knife or implement.....	837,203	Nov. 27	4616	981	125	1271
Dunkelbarger, Josiah C., Cheneyville, Ill. Power mechanism.....	821,226	May 22	4485	955	122	1176
Dunkelberg, Gustav, Essen-on-the-Ruhr, Germany. Stop-motion for pit-cages, hoists, &c.....	827,088	July 31	4892	1020	123	1299
Dunkelberger, Samuel, Newton, Kans. Band-cutter and feeder.....	824,238	June 26	3977	852-3	122	2758
Dunkelberger, Samuel, Newton, Kans. Band-cutter and feeder.....	824,289	June 26	4062	870-1	122	2776
Dunkelberger, Samuel, Newton, Kans. Grain-separator.....	831,420	Sept. 18	3040	645	124	819
Dunkelberger, Samuel, Newton, Kans. Grain-separator.....	831,421	Sept. 18	3046	646	124	821
Dunklerley, Enoch, Jr., Vilas, Pa. Safety device for elevators.....	828,307	Aug. 14	1244	261	123	2000
Dunkley, Herbert, et al. (See Parsons, Reginald B., assignor.)						
Dunkin, James J., et al. (See Latimer, Samuel A., assignor.)						
Dunkle, Abram B., Steelton, Pa. Window-shade bracket.....	812,262	Feb. 13	1522	332	120	1872
Dunkle, George H., assignor to J. P. Freeman, New Orleans, La., and C. F. Freeman, Dallas, Tex. Illuminated sign and operating means therefor.....	834,792	Oct. 30	5816	1234	124	2817
Dunkle, John M., Rolfe, Pa. Non-refillable bottle.....	810,398	Jan. 23	3678	757	120	921
Dunlap and Company. (See Keator, Charles E., assignor.)						
Dunlap, John S., Chicago, Ill. Egg-beater.....	820,405	May 15	2802	610	122	746
Dunlap, Joseph F., New Brighton, Pa. Wall-tie.....	819,869	May 8	1661	356	122	435
Dunlap, Samuel F., Chicago, Ill. Cuff-holder.....	818,616	Apr. 24	4148	892	121	2427
Dunlap, Simon L. (See Pierson and Dunlap.)						
Dunlap, Thaddeus C., Columbus, Ohio. Throttle-valve.....	835,014	Nov. 6	271	60	125	71
Dunlevy, D. W. (See Miller, Reuben, Jr., assignor.)						
Dunlop, Andrew G., Minneapolis, Minn. Harrow-tooth holder.....	823,324	June 12	2225	464	122	2262
Dunlop, George H., South Melbourne, Victoria, Australia. Excavating apparatus.....	825,200	July 3	1011	215	123	264
Dunlop, John B. and John B., Jr., Dublin, Ireland. Carbureter for explosive-engines.....	831,547	Sept. 25	3312	695	124	925
Dunn, Alice M., administratrix. (See Monfort, Charles J.)						
Dunn, Charles, New York, N. Y. Penholder.....	821,993	May 29	6020	1283	122	1572
Dunn, Charles, New York, N. Y. Fountain-pen.....	826,552	July 24	3820	792	123	1016
Dunn, Charles L. (See Marshall and Dunn.)						
Dunn, Charles W., Cleveland, Ohio. Convertible furniture.....	808,822	Jan. 2	393	85-6	120	87
Dunn, Clifford E., New York, N. Y. Curtain-fixture.....	810,268	Jan. 16	3358	696	120	816
Dunn, Clifford E., New York, N. Y., assignor to Curtain Supply Company, Newark, N. J., and Chicago, Ill. Curtain-fixture.....	824,916	July 3	480	94	123	128
Dunn, Clifford E., New York, N. Y., assignor to Curtain Supply Company, Newark, N. J., and Chicago, Ill. Curtain-fixture.....	824,917	July 3	482	94	123	129
Dunn, Edward J., Indianapolis, Ind. Cistern-form.....	832,300	Oct. 2	571	108	124	1351
Dunn, Edward L., Washington, D. C., assignor of one-third to J. Gerke, Ballston, Va. Contact-wheel.....	836,639	Nov. 20	3436	734	125	943
Dunn, Emanuel W., San Jose, Cal. Oil-burner.....	832,461	Oct. 2	889	171-2	124	1426
Dunn, Frank P., Anderson, assignor to Stimpson Computing Scale Company, Elkhart, Ind. Cheese-cutter.....	810,043	Jan. 16	2887	596	120	718
Dunn, Frank P., assignor to Anderson Tool Company, Anderson, Ind. Computing-pump apparatus.....	816,305	Mar. 27	4697	997	121	1180
Dunn, Gano S., East Orange, assignor to Crocker-Wheeler Company, Ampere, N. J. Machine for bending metal strips edgewise.....	839,060	Dec. 18	3481	752-3	125	2301
Dunn, George F., Brockton, Mass. Pocket match-safe.....	830,772	Sept. 11	1797	371	124	483
Dunn, George O., and S. D. Whitaker, Indianapolis, Ind. Brake-lever.....	836,640	Nov. 20	3438	734	125	943
Dunn, Henry F., Anderson, assignor to S. F. Bowser and Company, (Inc.), Fort Wayne, Ind. Price and measure indicator for vessels.....	824,532	June 26	4569	971	122	2884
Dunn, Henry F., Elwood, assignor to Dunn Manufacturing Company, Anderson, Ind. Cheese-cutter.....	829,391	Aug. 28	3448	725	123	2638
Dunn, Henry F., assignor to Dunn Manufacturing Company, Anderson, Ind. Cheese-cutter.....	829,701	Aug. 28	4129	873	123	2806
Dunn, Herbert H., Dayton, Ohio. Cork-extractor.....	810,476	Jan. 23	3837	788	120	959
Dunn, Herbert H., Dayton, Ohio. Cork-extractor.....	819,130	May 1	193	39	122	49
Dunn, Herbert O., Baltimore, Md. Anchor.....	810,924	Jan. 30	4724	986	120	1186
Dunn, Horace, Cleveland, Ohio, assignor to American Steel and Wire Company of New Jersey, Worcester, Mass. Attachment for shapers for making curved surfaces.....	818,423	Apr. 24	3741	803-4	121	2340
Dunn, Isaac, et al. (See Davis and Jameson, assignors.)						
Dunn, James, and F. H. Jennings, assignors of one-third to C. Baumann, Sr., Philadelphia, Pa. Hinge.....	834,111	Oct. 23	4441	943	124	2424
Dunn, James C., assignor to Acton Tanning Company, Limited, Acton, Canada. Leach-pitcher.....	818,752	Apr. 24	4430	947-8	121	2490
Dunn, James R., Lyons Brook, Nova Scotia, Canada. Cattle-stanchion.....	826,806	Nov. 27	3821	814	125	1079
Dunn, Jerry J., Greenville, assignor to Shelby Steel Tube Company, Pittsburg, Pa. Cross-rolling apparatus.....	829,953	Sept. 4	22	5	124	7
Dunn, Louis, assignor of one-half to J. Strawhorn, St. Paul, Minn. Operating device for slip-switches.....	822,657	June 5	856	175-6	122	1917
Dunn, Louis G., Dixon, Wyo. Wire-tightener.....	830,978	Sept. 11	2154	456	124	571
Dunn Manufacturing Company. (See Dunn, Henry F., assignor.)						
Dunn, Michael, et al. (See Naughton, Thomas H., assignor.)						
Dunn, Michael, Columbus, Ohio. Grinding apparatus.....	821,621	May 29	5290	1128-9	122	1411
Dunn, Moncena, Marshfield, Wis. Pocket-ballot.....	830,979	Sept. 11	2154	456	124	571
Dunn, Pierce A., Green Island, N. Y. Coin-controlled atomizer.....	817,231	Apr. 10	1357	285-6	121	1720
Dunn, Theodore. (See Holt, Thomas C., assignor.)						
Dunn, Thomas B. (See Tierney and Funck, assignors.)						
Dunn, Thomas F., Providence, R. I. Scarf-ring.....	818,671	Apr. 24	4251	914	121	2451
Dunn, William N., Martinsburg, W. Va. Shade-roller raising, lowering, and supporting device.....	827,688	July 31	6231	1294	123	1637

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Dunn, William N., assignor of one-half to C. E. Thompson, Martinsburg, W. Va. Shade-roller raising, lowering, and supporting device. (Reissue).....	12,577	Dec. 11	2473	536	125	2011
Dunne, Joseph E., and C. A. Fletcher, Chicago, Ill. Ice-cream freezer.....	816,652	Apr. 3	224	52-3	121	1410
Dunne, Ralph, Dunedin, New Zealand. Miter-clamp.....	817,906	Apr. 17	2715	589	121	2065
Dunne, William H., Toronto, Canada. Skate.....	809,103	Jan. 2	967	200	120	214
Dunnell, Frederick W., assignor of six-sevenths to P. A. Donoghue, J. J. Murphy, J. H. Emonds, H. M. Freyer, D. B. Rice, and C. B. Potter, Springfield, Mass. Composite block and making same.....	823,038	June 12	1615	.....	122	2130
Dunnell, William W. (See Howland, Matthew M., assignor.)						
Dunnett, Francis E., assignor to Humidine, Limited, London, England. Non-corrosive and antifouling paint or composition.....	824,069	June 19	3654	.....	122	2630
Dunnigan, James M. (See Hickey, Francis J., assignor.)						
Dunning, Edward C., Providence, R. I. Atomizer.....	836,442	Nov. 20	3082	653	125	858
Dunning, Samuel H., Paterson, N. J. Stop-cock for air-brake systems.....	838,308	Dec. 11	2073	448	125	1912
Dunnoch, John L., Baltimore, Md. Combination stopper and liquid-dropper.....	824,631	June 26	4768	1016	122	2927
Dunstedter, Jacob, Edwardsville, Ill. Vehicle-wheel.....	833,158	Oct. 16	2286	481	124	1853
Dunton, James F. (See Duke, George W., assignor.)						
Dunwell, William C., Chicago, Ill. Card-case.....	811,489	Jan. 30	5797	1213	120	1415
Dunwoody, Henry H. C., Washington, D. C. Wireless-telegraph system.....	837,616	Dec. 4	679	156	125	1523
Duplessis, Eloudd, assignor of two-thirds to G. M. Badeau and J. A. Therien, Sorel, Canada. Hat-fastening device.....	811,043	Jan. 30	4950	1034	120	1237
Duplex Envelope and Printing Company. (See Anderson, Julian C., assignor.)						
Duplex Printing Press Company. (See Bechman, Henry F., assignor.)						
Duplex Roller Bushing Company. (See Van Voorhis, George S., assignor.)						
Dupplier, Anton. (See Calleson, Adriaance, and Dupplier.)						
Duquesne Glass Company. (See Croskey, John H., assignor.)						
Durage, Jules J., Duluth, Minn. Draft-forming mechanism.....	811,624	Feb. 6	180	40	120	1525
Durand and Co. (See Durand, Wallace, assignor.)						
Durand, Ernest F., London, England. Sewing-machine.....	817,475	Apr. 10	1855	389-90	121	1823
Durand, Norbert, assignor of one-half to J. Carpenter and E. P. Ekegren, Amery, Wis. Rail-joint.....	835,668	Nov. 13	1566	335	125	439
Durand, Ulrich, Kankakee, Ill. Wire-fence staple.....	824,439	July 3	348	65	123	96
Durand, Wallace, assignor to Durand and Co., Newark, N. J. Cigarette-holder.....	813,366	Feb. 20	3690	811	120	2376
Durant, Joseph H., Marlboro, N. H. Collapsible barrel.....	817,420	Apr. 10	1733	364-5	121	1797
Durbin, Philip J., Patton, Pa. Extension-arm for scales.....	824,344	June 26	4175	892	122	2800
Durboraw, Charles L., assignor of one-half to W. F. Seim, Baltimore, Md. Hair-pin.....	817,839	Apr. 17	2563	550	121	2031
Durboraw, Charles L., assignor to M. Metzger, Baltimore, Md. Grip for shoe-polishing cloths.....	820,630	May 15	3240	697	122	842
Durboraw, Charles L., assignor of three-fourths to W. F. Seim, A. Lehman, and L. B. Bernei, Baltimore, Md. Track-fastener.....	814,525	Mar. 6	1057	218	121	229
Durbrow Filtration Company. (See Durbrow, George W., assignor.)						
Durbrow, George W., Indio, Cal. Filtering apparatus.....	828,467	Aug. 14	1561	330	123	2084
Durbrow, George W., Indio, Cal., assignor to Durbrow Filtration Company, Yuma, Ariz. Ter. Pressure-filter.....	830,652	Sept. 11	1541	318	124	414
Durbrow, George W., Indio, Cal., assignor to Durbrow Filtration Company, Yuma, Ariz. Ter. Head-gate.....	832,245	Oct. 2	469	86-7	124	1326
Durdin, Augustus C., Jr., assignor to Erwin & Company, Chicago, Ill. Automatic switch mechanism.....	838,090	Dec. 11	1633	352	125	1805
Durell, George M., Toledo, Ohio. Gage attachment for lead-cutters, &c.....	814,193	Mar. 6	370	75-6	121	81
Durfee, Elmer W., Salida, Colo. Centrifugal slime-filter.....	831,332	Sept. 18	2886	612	124	780
Durley, Elisha A., Penn Yan, N. Y. Oil-can holder.....	820,708	May 15	3391	726	122	873
Durham, Thomas L., Otto, Tex. Stalk-cutter.....	837,810	Dec. 4	1051	234	125	1614
Durieu, Arthur, Jr., New Orleans, La. Cane-harvester.....	829,328	Aug. 21	3319	698-9	123	2562
Durkee, Carson, Vicksburg, Mich. Motor-vehicle.....	820,709	May 15	3393	726-7	122	873
Durkee, Harry S., Mansfield, Mass. Floor-scraper.....	827,791	Aug. 7	213	42	123	1724
Durkin Controller Handle Company. (See Butler, Charles N., assignor.)						
Durkin Controller Handle Company. (See Durkin, John P., assignor.)						
Durkin, John P. (See Baird and Durkin.)						
Durkin, John P., assignor to Durkin Controller Handle Company, Philadelphia, Pa. Controller-regulator.....	826,494	July 17	3689	764	123	970
Durkin, John P., assignor to Durkin Controller Handle Company, Philadelphia, Pa. Controller-regulator.....	826,495	July 17	3690	764	123	970
Durn, Aaron L., Richland Center, Pa. Horseshoe.....	810,399	Jan. 23	3678	757	120	921
Durn, John, and L. Anderson, New Britain, Conn. Blind-fastener.....	816,224	Mar. 27	4544	966	121	1147
Duryea, Charles E., Reading, Pa. Tire-valve.....	816,006	Mar. 27	4102	867	121	1051
Duryea, Harry. (See Bartholomay, Edward, assignor.)						
Duryea, James F., Springfield, Mass. Friction-clutch.....	822,726	June 5	1000	204	122	1948
Duryea, James F., Springfield, Mass. Friction-clutch.....	822,727	June 5	1003	204-5	122	1949
Duryea, James F., Springfield, Mass. Friction-clutch.....	822,833	June 5	1194	245	122	1989
Duryea, James F., and W. M. Remington, Springfield, Mass.; said Remington assignor to said Duryea. Carbureter.....	832,183	Oct. 2	331	61-2	124	1293
Duryea, James F., and W. M. Remington, Springfield, Mass.; said Remington assignor to said Duryea. Carbureter.....	832,184	Oct. 2	335	62	124	1294
Duryea, Moses H. (See Duryea, William F. and M. H.)						
Duryea, William F. and M. H., Hackensack, N. J. Pen-rack.....	826,233	July 17	3136	651	123	826
Dusseau, Francis X., and B. F. Kirk, Detroit, Mich. Dental measuring-tool.....	825,896	July 17	2488	517	123	664
Dust Proof Furniture Company. (See Athey, Isaac H., assignor.)						
Dutcher, Edward H., Siegfried, Pa., assignor to Lehigh Oil and Waste Saving Company, Camden, N. J. Centrifugal machine.....	813,282	Feb. 20	3511	774	120	2339
Dutcher, Edward H., Siegfried, Pa., assignor to Lehigh Oil and Waste Saving Company, Camden, N. J. Speed-controlling mechanism for centrifugal machines.....	813,283	Feb. 20	3513	775	120	2339
Dutcher, Edward H., Siegfried, Pa., assignor to Lehigh Oil and Waste Saving Company, Camden, N. J. Lubricating device for centrifugal oil-extracting machines.....	813,367	Feb. 20	3692	811	120	2376
Dutcher, Edward H., Siegfried, Pa., assignor to Lehigh Oil and Waste Saving Company, Camden, N. J. Centrifugal filter.....	813,368	Feb. 20	3693	811	120	2377
Dutcher, Frank. (See Jackson, Wilton D., assignor.)						
Dutcher, Frank, Versailles, Pa. Fibrous plastic railway-torpedo.....	812,027	Feb. 6	1006	220	120	1693
Dutcher, Frank, Versailles, Pa. Railway signal-torpedo.....	815,079	Mar. 13	2152	454	121	524
Dutcher, Frank, Versailles, Pa. Signal-torpedo.....	825,201	July 3	1020	216	123	266
Dutcher, Frank, Versailles, Pa. Railway-torpedo machine.....	830,420	Sept. 4	1053	219	124	260
Dutcher, Frank, Philadelphia, Pa. Fireproof sash structure.....	812,732	Feb. 13	2429	532	120	2058
Dutcher, Frank, Versailles, and P. Peter, Pittsburgh, Pa. Railway signal-torpedo.....	823,998	June 19	3533	754	122	2605
Dutro, Samuel B., Mason City, Iowa. Door-holder.....	830,980	Sept. 11	2156	457	124	571
Duvall, Maren M. (See Urbach, John T., assignor.)						
Duvall, Stanley A., Elkhart, Ind. Telephone-transmitter.....	833,449	Oct. 16	2906	616	124	2011

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Duwelius, Augustus L., Cincinnati, Ohio. Automatic electric brake.....	828,879	Aug. 21	2379	507	123	2323
Duwelius, Augustus L., Cincinnati, Ohio. Automatic electric brake.....	832,462	Oct. 2	892	172	124	1427
Dwan, John. (See Hoyle, Wellington R., assignor.)						
Dwiggins, William W., and J. M. Adams, Arkadelphia, Ark. Rafter-scale.....	814,948	Mar. 13	1878	394	121	467
Dwiggins Wire Fence Company. (See Swank, Lafe, assignor.)						
Dwight, George C., New York, N. Y. Beach-making device.....	810,630	Jan. 23	4143	856	120	1026
Dworzynski, Wincenty, Warsaw, Russia. Automatic electrical balance.....	821,475	May 22	5006	1064-5	122	1292
Dwyer, Daniel R., <i>et al.</i> (See Harrigan, Edward, assignor.)						
Dwyer, Harry A., Marion, Ind. Glass-molding machine.....	824,070	June 19	3655	778-9	122	2630
Dwyer, John W., Hartford, Conn. Lock-hinge.....	818,081	Apr. 17	3055	659	121	2139
Dy Arman, George W., Indianapolis, Ind., assignor of one-half to J. Whitaker, Middleport, Ohio. Concrete-brick machine.....	821,031	May 22	4118	875-6	122	1096
Dyblie, Julius A., Joliet, Ill. Valve mechanism.....	816,306	Mar. 27	4699	998	121	1181
Dyblie, Julius A., Joliet, Ill. Valve mechanism.....	825,706	July 10	2133	445	123	567
Dye, Charles O., McCrory, Ark. Cotton-scraper attachment.....	817,696	Apr. 10	2245	482	121	1905
Dye, Joseph O. (See Goodfellow, Moore, assignor.)						
Dyer, Albert, Baxter, Tenn. Railway-gate.....	830,310	Sept. 4	831	170-1	124	208
Dyer, Albert W., and A. G. Spinney, assignors to W. W. Thomas, trustee, Portland, Me. Time light-extinguisher.....	817,840	Apr. 17	2564	550	121	2031
Dyer Company. (See Dyer, Harold P., assignor.)						
Dyer, Frank P. (See Dyer, Samuel and F. P.)						
Dyer, George H., San Francisco, Cal. Building construction.....	824,470	June 26	4453	944	122	2858
Dyer, Harold P., assignor to Dyer Company, Cleveland, Ohio. Apparatus for treating liquids with gases.....	838,091	Dec. 11	1636	352	125	1806
Dyer, Samuel and F. P., Muncie, Ind. Boring-bar.....	819,743	May 8	1405	302	122	374
Dyer, Walter, assignor of one-half to W. E. Shaw, Chicago, Ill. Molding-machine.....	839,125	Dec. 25	3655	788-9	125	2390
Dyer, William H., assignor of one-half to E. J. Colton, Ionia, Mich. Exhaust-valve for steam-engines.....	814,435	Mar. 6	892	183	121	194
Dyett, Emily, New York, N. Y. Dust and scrap bag and holder.....	810,329	Jan. 16	3486	720	120	843
Dykes, John W. (See Richey and Dykes.)						
Dysart, Fred B., assignor of two-thirds to C. E. Adams and A. C. Felt, Superior, Nebr. Cement-brick machine.....	809,250	Jan. 2	1283	261	120	283
Dysart, Fred B., assignor of two-thirds to C. E. Adams and A. C. Felt, Superior, Nebr. Cement-tile machine.....	809,251	Jan. 2	1284	261	120	283
Dysart, Fred B., assignor of two-thirds to C. E. Adams and A. C. Felt, Superior, Nebr. Cement-block machine.....	809,252	Jan. 2	1285	262	120	283
Dyson, Alfred H., assignor to M. G. Kellogg, Chicago, Ill. Telephone-pay-station device and system.....	830,653	Sept. 11	1544	318-19	124	415
Dyson, Alfred H., assignor to M. G. Kellogg, Chicago, Ill. Telephony.....	830,654	Sept. 11	1551	520-1	124	416
Dzuck, Caroline. (See Johnson, Richard H., assignor.)	830,981	Sept. 11	2157	457-8	124	572
E. Bement's Sons. (See Kelly, Fred J., assignor.)						
E. Childrens Sons Manufacturing Co. (See Anderson, David F., assignor.)						
E. Goldman & Company. (See Gohrband, Bernard, assignor.)						
E. Goldman & Company. (See Paul, John T. H., assignor.)						
E. Goldman & Company. (See Pinkney, Bryan D., assignor.)						
E. Howard Clock Company. (See Cheever, Murray, assignor.)						
E. Ingraham Co. (See Goodrich, George L., assignor.)						
E. Ingraham Company. (See Morway, John W., assignor.)						
E. Jenckes Manufacturing Company. (See Rowe, James E., assignor.)						
E. Ohlischlaeger & Cie. (See Wilmsen, Conrad, assignor.)						
E. Van Winkle Gin & Machine Works. (See Winder, James C., assignor.)						
E. A. Bartezki Amusement Company. (See Bartezki, Emil A., assignor.)						
E. B. & A. L. Stone Company. (See Lloyd, Frederick F., assignor.)						
E. C. Atkins & Company. (See Wallace, Thomas L., assignor.)						
E. C. Fuller Company. (See Sturtevant, Charles A., assignor.)						
E. C. Fuller Company. (See Williams, George R., assignor.)						
E. I. du Pont de Nemours Powder Company. (See Dobbs and Pitman, assignors.)						
E. I. du Pont de Nemours Powder Company. (See Du Pont, Francis I., assignor.)						
E. I. du Pont de Nemours Powder Company. (See Du Pont and Sparre, assignors.)						
E. I. du Pont de Nemours Powder Company. (See Hope, Walter R., assignor.)						
E. I. du Pont de Nemours Powder Company. (See Kimber, Simeon B., assignor.)						
E. I. du Pont de Nemours Powder Company. (See Maxim, Hudson, assignor.)						
E. I. du Pont de Nemours Powder Company. (See Sparre, Fin, assignor.)						
E. I. du Pont de Nemours Powder Company. (See Thompson, John T., assignor.)						
E. J. Winslow Company. (See Perry, Hubert M., assignor.)						
E. R. Squibb & Sons. (See Ferguson, Robert H., assignor.)						
E. and T. Fairbanks and Company. (See Fairbanks, Henry, assignor.)						
E. and T. Fairbanks and Company. (See Hoepner, George, assignor.)						
E. and T. Fairbanks and Company. (See Robinson, George W., assignor.)						
E. and T. Fairbanks and Company. (See Sargent, Willis H., assignor.)						
E. W. Bliss Company. (See Beyer, Otto S., assignor.)						
E. W. Bliss Company. (See Leavitt, Frank M., assignor.)						
E. W. Bliss Company. (See Lindgren, Bror J., assignor.)						
E. W. Bliss Company. (See Wilzin, Arthur, assignor.)						
E-Z Manufacturing Company. (See Nelson, Charles F., assignor.)						
Eaches, Amos W., Rosemont, Pa. Grain-cleaner.....	818,944	Apr. 24	4787	1029	121	2567
Eaches, William R., Reading, assignor to J. T. Williams, Easton, Pa. Annealing metal.....	808,911	Jan. 2	577		120	126
Eachus, Holton, assignor to Fairbank Canning Company, Chicago, Ill. Vacuum soldering-machine.....	817,306	Apr. 10	1507	316	121	1749
Eade, William J., Dayton, Ohio. Fence-post.....	813,782	Feb. 27	4513	996	120	2615
Eader, James E., Benld, Ill. Gate.....	834,112	Oct. 23	4442	943-4	124	2424
Eagen, Louis J. (See Doner, Martin J., assignor.)						
Eager, Frank L., Waterbury, Conn. Clutch.....	829,003	Aug. 21	2620	553	123	2384
Eager, Harry B., South Bend, Ind. Stovepipe-coupling.....	823,591	June 19	2756	584	122	2434
Eagle, Alburts, Newtown, Pa. Safety-gate.....	826,924	July 24	4551	947	123	1202
Eagle Glass & Manufacturing Company. (See Paul and Neville, assignors.)						
Eagle Lock Co. (See Murphy, James J., assignor.)						
Eagle Lock Co. (See Roche, James, assignor.)						
Eagle Lock Company. (See Chapman, Floyd P., assignor.)						
Eagle Pencil Company. (See Boman, Claes W., assignor.)						
Eagle Pencil Company. (See McIntyre, Frank, assignor.)						
Eagle Pencil Company. (See Oberbeck, George, assignor.)						
Eagon, Harvey, New Comerstown, Ohio. Truss.....	820,853	May 15	3708	791	122	945
Eakins, Herbert W., assignor to W. Z. Long, Springfield, Ohio. Corn-popper.....	808,734	Jan. 2	227	48-9	120	52

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Eames, George M., and J. S. Finch, assignors to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Sewing-machine bobbin-winder.	809,911	Jan. 9	2594	534	120	603
Eareckson, Henry B., San Francisco, Cal. Oil-retaining device for axle-bearings.	824,918	July 3	485	95	123	130
Eareckson, Henry B., San Francisco, Cal. Nut-lock.	827,908	Aug. 7	411	88	123	1772
Earhart, Edwin S., Chickasha, Ind. Ter. Pocket-fastener.	822,834	June 5	1197	245	122	1990
Earl, Lewis F., Philadelphia, Pa. Bodkin.	822,728	June 5	1006	205	122	1950
Earl, Spencer D., Norristown, Pa. Combination clock and fan.	816,903	Apr. 3	707	146	121	1515
Earle, Henry, Denver, Colo. Device for removing ore-slims from settling-tanks.	829,516	Aug. 28	3738	794	123	2712
Earle, James G., Dedham, Mass. Spindle.	818,082	Apr. 17	3057	659	121	2140
Earle, Swepson, Washington, D. C. Sounding device.	811,207	Jan. 30	5285	1106	120	1307
Earley, John H., Philadelphia, Pa. Metallic pallet.	822,194	May 29	6407	1360	122	1662
Early, Earl J., Philadelphia, Pa. Holder for illustrated post-cards.	816,904	Apr. 3	708	146	121	1515
Earnist, Cyrus C., Riceville, Iowa. Attachment for adding-machines.	824,416	June 26	4335	923	122	2831
Earp-Thomas, George H., Wellington, New Zealand. Preparing and growing and distributing organisms which fix or gather atmospheric nitrogen.	816,850	Apr. 3	598		121	1491
Easler, Alexander. (See Ferchen, Henry E., assignor.)						
Easley, George E., Danville, Ind. Crib.	835,819	Nov. 13	1854	392	125	512
East, John F., et al. (See Mercer, Alfonso, assignor.)						
East, John F., et al. (See Mercer, Alfonso, assignor.)						
East, William S. (See Feltz and East.)						
Easterday, William T., San Francisco, Cal. Key-fastener.	817,697	Apr. 10	2246	482	121	1905
Eastern Dynamite Company. (See Emery, Sidney S., assignor.)						
Eastern Telephone Manufacturing Company. (See Lattig and Goodrum, assignors.)						
Easte, Samuel L., assignor of one-half to W. H. Brust, Winona, Minn. Meter connection.	825,707	July 10	2136	446	123	568
Eastman, Adelbert L., Bridgeport, Conn., assignor of one-half to W. H. Locke, Jr., New York, N. Y. Acetylene-generator.	820,103	May 8	2216	481	122	557
Eastman, Albert N., Chicago, Ill. Shears.	814,029	Mar. 6	68	12	121	16
Eastman, Arthur M. (See Eastman, Floyd K. and A. M.)						
Eastman, Edward P. (See Raftis, Richard W., assignor.)						
Eastman, Floyd K. and A. M., Mancelona, Mich. Door.	816,441	Mar. 27	5005	1063	121	1243
Eastman, George, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developing apparatus.	822,437	June 5	394	82	122	1810
Eastman, George N., Chicago, Ill. Safety device for alternating-current distribution.	818,424	Apr. 24	3744	804	121	2341
Eastman, George N., assignor to Minerallac Company, Chicago, Ill. Voltmeter-switch.	810,522	Jan. 23	3933	809	120	950
Eastman, George N., assignor to Minerallac Company, Chicago, Ill. Plural-speed electrical controller.	814,643	Mar. 6	1281	269	121	276
Eastman, George N., assignor to Minerallac Company, Chicago, Ill. Potential-indicating device.	830,475	Sept. 4	1164	244	124	288
Eastman, Henry A., Chicago, Ill. Drill.	839,461	Dec. 25	4326	924	125	2553
Eastman, James B., Los Angeles, Cal. Tilting bed.	830,141	Sept. 4	483	97	124	122
Eastman, James B., assignor to Marshall & Stearns Company, Los Angeles, Cal. Tilting or wall bed.	816,718	Apr. 3	334	77	121	1434
Eastman, John P., Chicago, Ill., and T. F. Hawley, Milwaukee, Wis. Ticket printing and issuing machine.	817,421	Apr. 10	1734	365-6	121	1798
Eastman, John P., Chicago, Ill., and T. F. Hawley, Milwaukee, Wis. Self-inking stamp.	817,422	Apr. 10	1739	366	121	1799
Eastman Kodak Company. (See Brownell, Frank A., assignor.)						
Eastman Kodak Company. (See Eastman, George, assignor.)						
Eastman Kodak Company. (See Gray, Harry L., assignor.)						
Eastman Kodak Company. (See McCurdy, Arthur W., assignor.)						
Eastman, Weston T., Rockland, Mass. Water-tube boiler.	821,345	May 22	4744	1009	122	1236
Eastman, William, London, England. Machine for pressing busts and shoulders of garments.	831,842	Sept. 25	3906	819	124	1082
Easton, Ansel M., Milbrae, Cal. Controller for sliding doors.	816,551	Mar. 27	5232	1110	121	1296
Easton, John A., and J. Greenfield, Dunedin, New Zealand. Feed reservoir and box for horses and the like.	837,390	Dec. 4	225	56	125	1412
Easton, Ozro J., Wellsford, Kans. Traction-engine.	839,277	Dec. 25	3964	851-2	125	2464
Eastwood, Arthur C., Cleveland, Ohio. Operating electric motors.	810,269	Jan. 16	3361	696	120	817
Eastwood, Arthur C., Cleveland, Ohio. Arc-welding apparatus.	818,361	Apr. 17	3607	773	121	2257
Eastwood, Arthur C., Cleveland, Ohio. Compressed-air power apparatus.	827,515	July 31	5864	1214	123	1539
Eastwood, Arthur C., Cleveland, Ohio. Lifting-magnet.	835,942	Nov. 13	2066	441-2	125	559
Eastwood, Burr, San Francisco, Cal. Flushing-tank.	827,716	Aug. 7	38	9	123	1679
Eastwood, Richard, Colne, England. Piano.	825,202	July 3	1022	216	123	266
Eaton, Carp D., Allen, Mich. Watch-pendant attachment.	811,705	Feb. 6	328	72	120	1558
Eaton, Charles, Brooklyn, N. Y. Folding umbrella.	829,858	Aug. 28	4451	941	123	2886
Eaton, H. L., et al. (See Fargo, Edward B., assignor.)						
Eaton-Hurlbut Paper Company. (See Davis, Ulysses C., assignor.)						
Eaton, James M., Scranton, Pa. Railway signal device.	822,195	May 29	6408	1360	122	1662
Eaton, Thomas, Northwich, England. Screw-propeller for navigable vessels.	837,391	Dec. 4	226	56-7	125	1412
Eaton, William S., Sag Harbor, N. Y. Engraving-machine.	816,307	Mar. 27	4702	998	121	1181
Eaves, Charles M., J. W. Slaven, and G. W. Wade, Galesburg, Ill. Street-sweeper.	813,544	Feb. 27	4054	888-9	120	2517
Eayrs, Winslow P., Hudson, assignor of two-thirds to M. R. Perkins and H. Cail, Portsmouth, N. H. Carbon product and making same.	829,464	Aug. 28	3632	763	123	2686
Ebbeson, Peter, St. Paul, Nebr. Lock.	837,811	Dec. 4	1053	234-5	125	1614
Ebbing, William, San Francisco, Cal. Condiment-holder.	830,142	Sept. 4	485	98	124	122
Ebeling, Philip, Moundsville, W. Va. Apparatus for reheating glass.	829,196	Aug. 21	3053	639-40	123	2497
Eberhardt, Fred L. (See Eberhardt, Henry E. and F. L.)						
Eberhardt, Henry E. and F. L., assignors to Gould & Eberhardt, Newark, N. J. Metal-planing machine.	821,932	May 29	5906	1256-7	122	1547
Eberhardt, John, and H. Weghorst, Chicago, Ill. Steam turbine-engine.	830,890	Sept. 11	1996	420	124	534
Eberhardt, Louis G., et al. (See Hildebrand, Gould O., assignor.)						
Eberle, Balthasar, Passaic, N. J. Blasting-powder.	820,854	May 15	3709		122	945
Eberlein, August, Bridgeport, Conn. Device for reseating valves and faucets.	808,912	Jan. 2	578	128	120	127
Eberly, Sara, Continental, Ohio. Model-slip holder.	833,683	Oct. 16	3382	718	124	2120
Ebert, Harry, Frederick, Md. Shutter-fastener.	828,392	Aug. 14	1406	297	123	2044
Ebinger, David A., assignor to Columbus Heating & Ventilating Company, Columbus, Ohio. Gas-furnace.	818,151	Apr. 17	3197	688	121	2171
Ebken, John G., Pittsburg, Pa. Vehicle-brake.	813,545	Feb. 27	4057	889	120	2518
Eble, Grover S., New York, N. Y. Electric indicator.	823,164	June 12	1880	358-9	122	2186
Ebrenz, Philip E., assignor to John Deere Plow Company, St. Louis, Mo. Dash-foot and toe-rail support for vehicles.	825,640	July 10	2006	418	123	535
Ebrenz, Philip E., assignor to John Deere Plow Company, St. Louis, Mo. Vehicle.	825,641	July 10	2007	419	123	536
Eby, Maurice S., New Orleans, assignor of one-half to A. H. Thompson, Patterson, La. Dog for sawmill-carriages.	813,143	Feb. 20	3257	716	120	2286

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ecaubert, Frederic, New York, N. Y. Press for feeding and cutting up strips of material.	836,020	Nov. 13	2190	469-70	125	588
Eck, Charles A., Newark, N. J. Motor control.	813,410	Feb. 27	3782	830	120	2454
Eck, Charles A., Newark, N. J. Governing device for dynamos.	838,393	Dec. 11	2243	485	125	1953
Eck, Theodore, and A. G. Trautwein, Mulvane, Kans. Fence-post.	818,672	Apr. 24	4252	914	121	2451
Eekart, Edmund, New Rochelle, assignor to Gerstendorfer Bros., New York, N. Y. Spraying device.	820,631	May 15	3241	697	122	842
Ecker, Charles H., Middletown, Conn. Sash-lock.	824,780	July 3	188	33	123	55
Ecker, Charles W., assignor to Berger Manufacturing Company, Canton, Ohio. Metal window-sash.	823,266	June 12	2115	441	122	2239
Ecker, Jacob, Chicago, Ill. Cloth-pressing machine.	818,753	Apr. 24	4432	948-50	121	2491
Ecker, Jacob, Chicago, Ill. Sad-iron.	828,023	Aug. 7	672	138	123	1837
Eckersley, Frank, Crofton, near Wakefield, England. Feed for coal-cutting machines.	809,790	Jan. 9	2371	489-90	120	554
Eckert, Adolph F., <i>et al.</i> (See Applegate, Albert W., assignor.)						
Eckert, Charles F., <i>et al.</i> (See Applegate, Albert W., assignor.)						
Eckert, Fred, Conneaut, Ohio. Combined shade and curtain support.	834,113	Oct. 23	4444	944	124	2425
Eckert, Henry, <i>et al.</i> (See Applegate, Albert W., assignor.)						
Eckler, George E., Akron, Ohio. Rotary engine.	813,284	Feb. 20	3515	775	120	2340
Eckley, Carroll O., New York, N. Y. Gun-sight.	823,999	June 19	3535	754	122	2605
Eckley, James W., assignor of one-half to G. F. Goss, Wallaceeton, Pa. Knife.	838,852	Dec. 18	3112	670	125	2211
Eckley, Matthew, Archbold, Ohio. Cement-block machine.	808,643	Jan. 2	45	10	120	12
Eckley, Matthew, Archbold, Ohio. Building-block.	835,669	Nov. 13	1567	335	125	439
Eckstein, Henry G., Chicago, Ill. Apparatus for the manufacture of moisture-proof cartons.	814,122	Mar. 6	245	46	121	55
Eclipse Railway Supply Co. (See Lev, Benjamin, assignor.)						
Economical Beer Bung Company. (See Schlangen, Simon, assignor.)						
Economist Gas Engine Co. (See Driscoll, Richard F., assignor.)						
Economy Cement Post Machine Company. (See Terry, George H., assignor.)						
Economy Engineering Co. (See Pavey, William B., assignor.)						
Economy Gas Lamp Company. (See Betker and Snyder, assignors.)						
Economy Gas Machine Company. (See Kelley, John M., assignor.)						
Edbrooke, Harry W. J., and R. F. Lindquist, Chicago, Ill. Window-sash.	809,609	Jan. 9	2032	421	120	478
Eddleman, Dudley E. (See Armstrong and Eddleman.)						
Eddy, Arthur H., Windsor, Conn. Ammonia-pump.	815,911	Mar. 20	3916	828-9	121	957
Eddy, Arthur H., Windsor, Conn. Expansion-valve.	815,912	Mar. 20	3919	829	121	958
Eddy, Charles D., Blue Creek township, Paulding county, Ohio. Weeder attachment.	816,851	Apr. 3	602	125	121	1492
Eddy, Joshua R., and R. F. Hadley, assignors to said Eddy, P. S. and H. E. Smith, Slicker, W. Va. Casing-head for oil-wells.	822,930	June 12	1390	291	122	2078
Eddy, Thomas R. (See Mudd and Eddy.)						
Eddy, Thomas R., assignor to W. C. Abbott, Chicago, Ill. Temporary binder.	830,579	Sept. 11	1393	288	124	374
Eddy Valve Company. (See Whitney, E. H., assignor.)						
Eden, Harold W., assignor, by mesne assignments, to P. R. Manufacturing Company, Detroit, Mich. Electric bell.	835,183	Nov. 6	619	126	125	157
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electric signal.	837,670	Dec. 4	796	180	125	1552
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Frame for electric bells.	837,671	Dec. 4	797	180	125	1552
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electric bell.	837,672	Dec. 4	798	181	125	1553
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electric signal-bell.	837,673	Dec. 4	799	181	125	1553
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electric signal.	837,674	Dec. 4	799	181	125	1553
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electrically-actuated signal-bell.	837,675	Dec. 4	800	181	125	1554
Eden, James A., Sr. (See Kralund, John, assignor.)						
Edenfield, Dempsey S., assignor of one-half to J. L. Hiers, Savannah, Ga. Hay-baling press.	812,332	Feb. 13	1658	364-5	120	1903
Edley, Charles E. C., Tacoma, Wash. Alarm-latch.	818,362	Apr. 17	3609	773-4	121	2257
Edgar, Andrew. (See Williams and Edgar.)						
Edgar, Ellis F., Woodbridge, N. J. Boiler-furnace.	814,949	Mar. 13	1880	394-5	121	467
Edgar, Ellis F., Woodbridge, N. J. Steam-boiler.	837,392	Dec. 4	228	57-8	125	1412
Edgar, Linden E., assignor to Link Belt Engineering Company, Philadelphia, Pa. Plate cooling and conveying apparatus.	823,400	June 12	2353	495	122	2288
Edgar, William J. (See Lewis, Fred S., assignor.)						
Edge, Evander, Ruskin, N. C. Haulage system.	810,731	Jan. 23	4317	897	120	1065
Edgerle, Harrison H., Cherryvale, Kans. Nut-lock.	810,523	Jan. 23	3936	809	120	981
Edick, Charles S. (See Fromm and Edick.)						
Edick, Harvin, Johnstown, N. Y. Wheelbarrow.	818,529	Apr. 24	3966	851-2	121	2388
Edick, James E., W. E. Smith, and S. P. Risley, Binghamton, N. Y. Stand for wash-tubs.	831,268	Sept. 18	2762	582	124	749
Edinger, Fred S., Berkeley, Cal. Transfer-table.	835,015	Nov. 6	272	60-1	125	71
Edison Storage Battery Company. (See Aylsworth, Jonas W., assignor.)						
Edison Storage Battery Company. (See Edison, Thomas A., assignor.)						
Edison, Thomas A., Llewellyn Park, N. J. Cement-kiln.	813,490	Feb. 27	3946	865	120	2493
Edison, Thomas A., Llewellyn Park, N. J. Cleaning metallic surfaces.	821,622	May 29	5293	1130	122	1411
Edison, Thomas A., Llewellyn Park, N. J. Calcining-furnace.	827,089	July 31	4892	1020-2	123	1299
Edison, Thomas A., Llewellyn Park, N. J. Making composite metals.	827,717	Aug. 7	39		123	1679
Edison, Thomas A., Llewellyn Park, N. J. Automatic weighing and mixing apparatus.	832,046	Oct. 2	38	9-10	124	1221
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Pocket-filling machine.	813,491	Feb. 27	3947	866-7	120	2493
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Treating alkaline storage batteries.	817,162	Apr. 10	1216		121	1690
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Storage battery.	821,032	May 22	4120	876	122	1097
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Storage-battery-filling apparatus.	821,623	May 29	5294	1130	122	1411
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Gas-separator for storage batteries.	821,624	May 29	5296	1130	122	1412
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Treating alkaline storage batteries.	821,625	May 29	5297		122	1412
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Making metallic films or flakes.	821,626	May 29	5299		122	1412
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Making metallic flakes or scales.	821,627	May 29	5300		122	1413

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr'g.	Vcl.	Page.
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Making conducting-films.	821,628	May 29	5301	.....	122	1413
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Alkaline battery.	827,297	July 31	5333	1105	123	1419
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Storage-battery electrode-plate.	821,269	Sept. 18	2763	582	124	749
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Coating active material with flake-like conducting material.	839,371	Dec. 25	4137	.....	125	2509
Edison, Thomas A., Llewellyn Park, assignor to New Jersey Patent Company, West Orange, N. J. Sound-recording apparatus.	831,606	Sept. 25	3428	720-1	124	955
Edison, Thomas A., Llewellyn Park, assignor to New Jersey Patent Company, Orange, N. J. Phonograph record or blank.	839,372	Dec. 25	4139	888	125	2509
Elkins, Edward R. H., Longreach, Queensland, Australia. Fencing-dropper.	834,114	Oct. 23	4446	944	124	2425
Edlund, Claus A., assignor of one-half to E. Bernstrom, Providence, R. I. Centrifugal liquid-separator.	838,699	Dec. 18	2833	608	125	2143
Edmunds, John W., Newton Center, Mass. Tool.	820,185	May 8	2369	515	122	590
Edmond, Agnes, Dunedin, New Zealand. Brooch and other pin fastening.	832,246	Oct. 2	472	87	124	1327
Edmonds, Herbert H., Longueville, near Sydney, New South Wales, Australia. Instrument for graphically solving spherical triangles on a plane surface.	811,625	Feb. 6	182	41	120	1526
Edmonds, Jay D., assignor to Edmonds-Metzel Manufacturing Company, Chicago, Ill. Tool for straightening bolts and retracing the threads thereon.	816,570	Apr. 3	30	8	121	1360
Edmonds-Metzel Manufacturing Company. (See Edmonds, Jay D., assignor.)						
Edmonds-Metzel Manufacturing Company. (See Merckens, John, assignor.)						
Edmondson, Alfred E., Chicago, Ill. Tablet or book divider.	827,792	Aug. 7	214	42	123	1724
Edmondson, Robert, South Bend, Ind. Machine for manufacturing solid concrete building-blocks or veneer-blocks.	816,542	Mar. 27	5215	1106	121	1291
Edmunds, James E., et al. (See Birmingham, John P., assignor.)						
Edmunds-Metzel Manufacturing Company. (See Merckens, John, assignor.)						
Edsall, Percy, London, England. Game-counter.	835,218	Nov. 6	685	141	125	178
Edson, Eugene R., Cleveland, Ohio. Apparatus for separating naphtha, &c., from oil or other liquids.	824,104	June 26	3708	791-2	122	2700
Edson, Eugene R., Cleveland, Ohio. Reducing garbage and sewage.	829,954	Sept. 4	23	6	124	7
Edson, Eugene R., Cleveland, Ohio. Apparatus for reducing garbage and sewage.	829,955	Sept. 4	28	6-7	124	8
Edson, Eugene R., Cleveland, Ohio. Condenser.	833,376	Oct. 16	2711	578	124	1971
Edstrom, Axel W., Stanton, Iowa. Sieve.	812,333	Feb. 13	1660	365	120	1903
Edward Dambach Company. (See Holbein and Kinsey, assignors.)						
Edward E. Rieck Company. (See Glauser, John J., assignor.)						
Edward F. Luce & Company. (See Luce, Edward F., assignor.)						
Edward Harrington, Son and Company. (See Scott, Robert F., assignor.)						
Edward, John C., Chicago, Ill. Handle and socket-plate for caskets.	816,653	Apr. 3	227	53	121	1410
Edward Miller & Company. (See Homan and Williams, assignors.)						
Edward, William S., Sault Ste. Marie, Mich. Winding-drum.	821,708	May 29	5482	1167	122	1451
Edwards, Alfred J., Auckland, New Zealand. Controller for the trolley-poles of electric cars.	838,175	Dec. 11	1817	389	125	1852
Edwards, Alonzo L., Wheeling, W. Va. Lantern crank mechanism.	814,644	Mar. 6	1282	269	121	277
Edwards, Arthur H., Stoke Newington, London, England. Mechanism for transmitting power in varying directions.	828,815	Aug. 14	2236	476	123	2257
Edwards, Charles D., Albert Lea, Minn. Road grader and ditcher.	810,477	Jan. 23	3838	788-9	120	959
Edwards, Charles D., Albert Lea, Minn. Landside-wheel.	810,478	Jan. 23	3841	789	120	959
Edwards, Charles L., assignor of one-half to G. P. Neudecker, Troy, Ill. Ice-creeper.	836,964	Nov. 27	4142	884	125	1155
Edwards, Charles W., Washington, D. C. Ventilator.	832,247	Oct. 2	473	87-8	124	1327
Edwards, Charles W., and G. E. Howell, Maquoketa, Iowa. Bag-holder and weighing apparatus.	826,771	July 24	4253	884	123	1129
Edwards, David M., and E. A. Brown, assignors to Conduits & Fittings, Limited, Kilburn, England. Bend, elbow, and other angle-piece for electric conduits.	835,504	Nov. 13	1252	269	125	361
Edwards, Edgar A., Cincinnati, Ohio, assignor, by mesne assignments, to Metropolitan Trust & Savings Bank, trustee. Locomotive-headlight.	812,192	Feb. 13	1376	299	120	1839
Edwards, Edgar A., Cincinnati, Ohio, assignor, by mesne assignments, to Metropolitan Trust & Savings Bank, trustee. Locomotive-headlight casing.	814,030	Mar. 6	69	13	121	17
Edwards, Edgar A., Cincinnati, Ohio, assignor, by mesne assignments, to Metropolitan Trust & Savings Bank, trustee. Regulation of electric circuits.	817,232	Apr. 10	1359	286	121	1720
Edwards, Elmer E., and E. Turley, Mount Pulaski, Ill. Tank-heater.	829,859	Aug. 28	4452	941	123	2886
Edwards, Elmore N., Alva, Okla. Ter. Block-molding machine.	837,550	Dec. 4	531	123	125	1488
Edwards, Frank W., Logansport, Ind., assignor to Chicago Lubricator Company, Chicago, Ill. Sight-feed lubricator.	819,693	May 1	1300	282-3	122	292
Edwards, Frank W., Logansport, Ind., assignor to Chicago Lubricator Company, Chicago, Ill. Auxiliary oil-cup for sight-feed lubricators.	839,373	Dec. 25	4141	888	125	2509
Edwards, Franklin T. (See Ross and Edwards.)						
Edwards, George, Camden Town, London, England. Slicing-machine.	825,529	July 10	1734	364-5	123	466
Edwards, James M., Morris Park, N. Y. Coffee-roaster.	830,891	Sept. 11	1997	420	124	534
Edwards, John, assignor of one-half to W. V. Sheppard, Allegheny, Pa. Railway-tie and rail-joint.	831,270	Sept. 18	2765	583-4	124	750
Edwards, John J., Ann Arbor, Mich. Temporary binder.	812,121	Feb. 6	1165	256	120	1725
Edwards, John W., Barberton, Ohio. Nest-box.	827,516	July 31	5864	1214	123	1540
Edwards, Joseph, New York, N. Y. Step-holder for cars.	823,325	June 12	2227	464	122	2262
Edwards, Joseph, New York, N. Y. Step-holder for cars.	832,959	Oct. 9	1894	394	124	1707
Edwards, Josiah P., Shirley, Ind. Gate.	825,267	July 3	1148	243	123	299
Edwards, Josiah P., Shirley, assignor to Gedge Brothers Iron Roofing Company, Anderson, Ind. Stock-watering tank.	818,425	Apr. 24	3747	804	121	2342
Edwards, Marshall F., Stillwater, Okla. Ter. Hub-wrench.	812,334	Feb. 13	1661	365	120	1904
Edwards, Rhinaldo, San Francisco, Cal. Buttonless shirt and collar.	831,778	Sept. 25	3784	792	124	1051
Edwards, Richard H., and W. M. Smith; said Smith assignor of one-half to J. P. Davis, Portsmouth, Va. Steam-generator.	838,502	Dec. 11	2440	530	125	2002
Edwards, Thomas, Ballarat, Victoria, Australia. Tilting ore-roasting furnace.	825,446	July 10	1557	321-2	123	425
Edwards, Thomas, Ballarat, Victoria, Australia. Ore-roasting furnace.	832,248	Oct. 2	474	88	124	1327
Edwards, Thomas, Sebastopol, Ballarat, Victoria, Australia. Mechanically-rabbed ore-roasting furnace.	836,871	Nov. 27	3931	839-40	125	1105
Edwards, Thomas A., Boston, Mass. Needle, &c.	818,152	Apr. 17	3199	683	121	2171
Edwards, Thomas A., Boston, Mass. Roller-bearing.	824,533	June 26	4570	971-2	122	2884
Edwards, Thomas J. (See Cochran, William R., Jr., assignor.)						
Edwards, Victor E., assignor to Morgan Construction Company, Worcester, Mass. Conveyor for metal bars. (Reissue.)	12,520	Aug. 14	2347	499	123	2285
Edwards, William, assignor of one-half to F. J. Forrest, Valley Junction, Wis. Wrench.	838,777	Dec. 18	2977	642	125	2178
Edwards, William J. (See Cantlebery and Edwards.)						
Edwards, William W., Los Angeles, Cal. Stamp-mill.	829,702	Aug. 28	4130	874	123	2806

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Edwin F. Smith Company. (See Smith, Edwin F., assignor.)						
Edwin F. Smith Company. (See Smith and Briner, assignors.)						
Edwin J. Toof Company. (See Ammerman, William M., assignor.)						
Bells, Albert F., Boston, Mass. Sea-sounding.	837,551	Dec. 4	532	124	125	1488
Egan, Charles E., Columbus, Ohio, assignor to Egan Electric and Telephone Manufacturing Company, Petersburg, Ill. Signal-bell for telephone systems.	818,673	Apr. 24	4253	915	121	2451
Egan Electric and Telephone Manufacturing Company. (See Egan, Charles E., assignor.)						
Egan, John P., Milford, Mass. Automatic railway-signal.	833,206	Oct. 16	2406	504	124	1885
Egan, Sara F., New York, N. Y. Hat-fastening.	823,518	June 19	2622	551	122	2406
Egenolf, Gustave, New York, N. Y. Device for covering and protecting charged rails.	820,186	May 8	2371	515	122	590
Egersdörfer, Fritz, Wiesbaden, assignor of one-half to F. Linder, Sr., Barmen, Germany. Rotary engine.	812,414	Feb. 13	1818	398	120	1936
EGge, Frederick, Bridgeport, Conn. Gas-burner.	823,165	June 12	1887	389	122	2187
EGge, Frederick, Bridgeport, Conn., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder.	819,346	May 1	630	134	122	145
EGge, Frederick, Bridgeport, Conn., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder.	827,298	July 31	5334	1106	123	1410
EGge, Frederick, Bridgeport, Conn., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder.	827,299	July 31	5336	1106	123	1410
EGge, Nils N., Joice, Iowa. Draft-equalizer.	808,823	Jan. 2	396	86	120	88
EGger, Fritz, Solothurn, Switzerland. Nailless horseshoe.	810,549	Jan. 23	4535	944	120	1112
Eggers, Anton C., New York, N. Y. Combined toilet article.	823,464	June 12	2473	522	122	2314
Eggers, Anton C., assignor to Goodyear's India Rubber Glove Mfg. Co., New York, N. Y. Nebulizer.	824,471	June 26	4455	945	122	2858
Eggers, Anton C., assignor to Goodyear's India Rubber Glove Manufacturing Co., New York, N. Y. Atomizer.	835,882	Nov. 13	1963	416	125	534
Eggers, Frederick, Cincinnati, Ohio. Ore-washing plant.	810,196	Jan. 16	3197	662	120	782
Eggers, Henry, Denver, Colo. Self-oiling car-wheel.	835,016	Nov. 6	279	61	125	73
Eggers, John H., Summit, N. J. Preparing photographic prints for reproduction.	838,610	Dec. 18	2660	571	125	2100
Eggleston, Edward G. (See Primus and Eggleston.)						
Eggleston, Lewis W., Appleton, Wis. Relief device for water systems.	838,394	Dec. 11	2244	485-6	125	1954
Eggleton, Alfred J., Dunedin, New Zealand. Plant or flower pot.	814,595	Mar. 6	1184	248	121	256
Ehebal, Adam, New York, N. Y. Game device.	818,153	Apr. 17	3201	688	121	2171
Ehle, Archibald H., and J. H. Nice, assignors to Burnham, Williams & Company, Philadelphia, Pa. Clutch.	813,369	Feb. 20	3695	812	120	2377
Ehmann, Charles P., Manchester, England. Antivibrator burner for incandescent gas-lights.	812,167	Feb. 6	1298	283	120	1753
Ehrenreich, James J., et al. (See McIntyre, Frank, assignor.)						
Ehrensperger, Edward H., et al. (See Keiser, Francis R., assignor.)						
Ehret, Cornelius D., Ardmore, Pa. Space signaling system.	818,236	Apr. 17	3376	724	121	2208
Ehret, Cornelius D., Ardmore, Pa. Signaling through space.	818,363	Apr. 17	3613	774	121	2258
Ehret, Michael, Philadelphia, Pa. Motor-car.	822,104	May 29	6229	1328	122	1621
Ehrhardt, Heinrich, Düsseldorf, Germany. Cylinder-rolling mill.	835,505	Nov. 13	1253	269	125	361
Ehringer, Charles G. (See Butler and Ehringer.)						
Ehrlich, Bernhard, Vienna, Austria-Hungary. Telephone attachment.	814,680	Mar. 13	1375	288	121	359
Ehrlich, Leo, assignor to G. L. Stern, trustee, St. Louis, Mo. Car-mover.	825,708	July 10	2137	446	123	568
Eiben, Andrew. (See Kuntz and Eiben.)						
Eichberg, Friedrich, Berlin, Germany, assignor to General Electric Company. Means for controlling alternating-current motors.	829,860	Aug. 28	4454	941	123	2887
Eichberg, Friedrich, Berlin, Germany, assignor to General Electric Company. Alternating-current motor.	832,724	Oct. 9	1424	287	124	1595
Eichelberger, Frederick L. A., McKees Rocks, Pa. Combination trunk and dresser.	825,709	July 10	2139	446	123	569
Eichengrün, Arthur, Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Flash-light composition.	812,028	Feb. 6	1007		120	1693
Eichengrün, Arthur, and T. Becker, Elberfeld, Germany, assignors to Farbenfabriken of Elberfeld Co., New York, N. Y. Cellulose acetate.	809,935	Jan. 16	2650		120	667
Eicher, William J., Smithton, Pa. Frog for switches.	828,725	Aug. 14	2077	437	123	2217
Eichhoff, Walter E., Cairo, Ill. Wire-reel.	818,878	Apr. 24	4665	1001	121	2539
Eichhoff, Walter E., Cairo, Ill. Wire-reel.	824,290	June 26	4072	871	122	2778
Eichhorn, Adolph G., St. Louis, Mo. Pad for gig-saddles and back-bands.	823,590	June 19	2755	584	122	2434
Eichhorn, Amelia P., New Orleans, La. Cistern.	826,234	July 17	3138	652	123	826
Eichhorn, Charles J. (See Marten and Eichhorn.)						
Eichhorn, Edward. (See Eichhorn, Gustave, assignor.)						
Eichhorn, Gustave, assignor of one-half to E. Eichhorn, West Point, Iowa. Fence-post.	829,372	Aug. 21	3414	719	123	2584
Eichmüller, Johann, Nuremberg, Germany, assignor to Eugene Dietzgen Co., New York, N. Y. Adjusting mechanism for screw-threaded needle-point insertions of compasses.	808,644	Jan. 2	47	10	120	13
Eick, Otto, Baltimore, Md. Bottle-holding rack.	808,824	Jan. 2	397	86	120	88
Eickemeyer, Carl, Yonkers, N. Y. Gas-heater.	823,267	June 12	2117	441	122	2239
Eickemeyer, Carl, Yonkers, N. Y., assignor to Turner Atherton & Co., Ltd., Stockport, England. Machine for blocking and shaping hats.	815,149	Mar. 13	2308	482-3	121	559
Eickemeyer, Carl, Yonkers, N. Y., assignor to Turner Atherton & Co., Ltd., Stockport, England. Automatic hat-blocking machine.	821,284	May 22	4605	981-2	122	1203
Eidmore, Martin M., Blanchardville, Wis. Window-screen.	837,204	Nov. 27	4617	981	125	1272
Eiermann, Sophus A., assignor of one-half to J. C. Moore, Omaha, Nebr. Drill-chuck.	819,744	May 8	1407	303	122	374
Eifel, Joseph, Chicago, Ill. Automatic cut-off for sound-reproducing machines.	821,629	May 29	5303	1130-1	122	1413
Eigen, Benno vom, Newark, N. J. Shaving device.	827,718	Aug. 7	40	9-10	123	1680
Eigen, Benno vom, assignor to A. Goertz & Co., Newark, N. J. Bag-frame.	810,925	Jan. 30	4725	987	120	1186
Eigen, Benno vom, Newark, N. J., assignor to A. Goertz & Co. Handle or strap attachment for bag-frames.	810,926	Jan. 30	4728	987	120	1186
Eiker, Thaddeus B. (See Hafner, Augustus P., assignor.)						
Eiklor, Fred. (See Leming, Eiklor, and Grant.)						
Eilertsen, Lucien, Paris, France. Antiseptic and perfumed block for dental stoppings and other similar purposes.	825,268	July 3	1149		123	299
Eimer, August, New York, N. Y. Containing vessel for chemicals.	829,577	Aug. 28	3861	819	123	2742
Eimer, August, New York, N. Y. Bottle and bottle-closure.	837,812	Dec. 4	1056	235	125	1615
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Metal axle.	808,735	Jan. 2	230	49-50	120	53
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Shaping metal bars.	808,736	Jan. 2	231	50	120	53
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Machine for making metal wheels.	810,197	Jan. 16	3199	663-4	120	782
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Making metal wheels.	810,198	Jan. 16	3208	665	120	784
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Wagon-gear.	813,285	Feb. 20	3519	776	120	2340

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drawg.	Vol.	Page.
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Wagon-gear	813,286	Feb. 20	3521	776	120	2341
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Wagon bolster and stake construction	814,436	Mar. 6	893	183	121	194
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Wagon bolster and stake construction	814,526	Mar. 6	1058	218	121	229
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Axle.	815,582	Mar. 20	3207	674	121	806
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Axle.	815,583	Mar. 20	3208	675	121	806
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Running-gear for vehicles	816,852	Apr. 3	603	125-6	121	1492
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Furnace-grate	824,534	June 26	4573	972-3	122	2885
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Hub-cap	826,320	July 17	3306	682	123	868
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Riveting-machine	826,496	July 17	3691	765	123	971
Einhorn, Alfred, Munich, assignor to Farbwerke vorm. Meister, Lucius & Brüning. Höchst-on-the-Main, Germany. Alkamin esters of para-aminobenzoic acid	812,554	Feb. 13	2100		120	1994
Einsele, George N., assignor to R. W. Newton and H. F. Jones, Chicago, Ill. Sight-feed for lubricators	820,922	May 15	3871	824	122	980
Einstein, Alfred C., St. Louis, Mo. Feed mechanism for acetylene-gas generators	839,565	Dec. 25	4539	968	125	2605
Einstein, Robert E., St. Louis, Mo. Railway-crossing	829,703	Aug. 28	4132	874	123	2807
Eisaman, Amos, Fairchance, Pa. Manacle	829,197	Aug. 21	3056	641	123	2498
Eisbrenner, Frank. (See Jansen and Eisbrenner.)						
Eisbrenner, Kash. (See Jansen and Eisbrenner.)						
Eisele, John E., West Seneca, N. Y. Folding chair	816,853	Apr. 3	607	127	121	1494
Eiselt, Victor, Muggia, near Trieste, Austria-Hungary. Screw-wrench	810,850	Jan. 23	4536	944	120	1112
Eisenhart, Henry W., assignor to A. B. Farquhar Company, Limited, York, Pa. Grain threshing and separating machine	813,957	Feb. 27	4856	1072-4	120	2687
Eisenhuth Horseless Vehicle Co. (See Eisenhuth, John W., assignor.)						
Eisenhuth Horseless Vehicle Company. (See Graham, David F., assignor.)						
Eisenhuth Horseless Vehicle Company. (See Graham and Fox, assignors.)						
Eisenhuth, John W., Brooklyn, N. Y. Steam-generator	833,780	Oct. 23	3563	761	124	2212
Eisenhuth, John W., Brooklyn, N. Y., assignor to Eisenhuth Horseless Vehicle Co. Compound gas-engine	809,791	Jan. 9	2372	490	120	554
Eisenhuth, John W., Brooklyn, N. Y., assignor, by mesne assignments, to Compound Motor Company. Gas-engine	838,013	Dec. 11	1454	314-15	125	1759
Eisenmayer, Walter G., Los Angeles, Cal. Elevator	831,217	Sept. 18	2650	557	124	719
Ekberg, Carl J., San Francisco, Cal. Combined needle and thread case	837,813	Dec. 4	1058	236	125	1616
Ekegren, E. P., et al. (See Durand, Norbert, assignor.)						
Ekenberg, Martin, Stockholm, Sweden. Filter-press	818,154	Apr. 17	3202	688-9	121	2171
Ekenberg, Martin, Stockholm, Sweden. Apparatus for treating wet peat or turf	830,311	Sept. 4	832	171	124	209
Ekert, Frederick M., Dayton, Ohio. Preparing bodies containing rubber and fiber	836,068	Nov. 13	2278		125	611
Eklund, Iloff. (See Backlin and Eklund.)						
Eklund, John, St. Joseph, Mich., and E. L. Walker, St. Louis, Mo. Machine for use in making baskets or other receptacles	810,270	Jan. 16	3363	696-7	120	817
Eklund, John A., Verndale, Minn. Device for separating cockle from grain	822,105	May 29	6229	1328	122	1621
Ekrem, Harry, San Pedro, Cal. Car-fender	821,346	May 22	4746	1009	122	1236
Ekrem, Harry, San Pedro, Cal. Fender	836,872	Nov. 27	3935	840	125	1108
Ekroos, Sigurd W., New York, N. Y. Safety gas-burner	808,825	Jan. 2	398	87	120	89
Ela, Alfred. (See Chisholm, Alexander V., assignor.)						
Elam, William E., Atlanta, Ga. Cotton conveying and cleaning apparatus	837,205	Nov. 27	4618	981-2	125	1272
Elb, Max, Dresden, Germany. Bottle-holder	831,148	Sept. 18	2526	532	124	689
Elbertson, Thomas W., Sedgwick, Kans. Tilttable gate	831,422	Sept. 18	3052	647	124	823
Elbert, Frank R., Fostoria, Ohio. Clasp	836,641	Nov. 20	3439	734	125	944
Elbra, John W., assignor of one-half to J. W. Hencke, Cleveland, Ohio. Top-spinning pistol	832,960	Oct. 9	1895	394	124	1707
Elbridge Electrical Manufacturing Company. (See Doman, Albert E., assignor.)						
Elburn, Richard F., Chestertown, Md. Game-board	818,237	Apr. 17	3380	725	121	2209
Elchinger, Anton, Leipsic, Germany. Curtain-rod	814,903	Mar. 13	1797	376	121	450
Elcock, John, Augusta, Ga. Brick-kiln	824,919	July 3	486	95	123	130
Elder, Edward H., assignor to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Lock for fore-end of gun-stocks	822,886	June 5	1294	266	122	2009
Elder, Edward H., assignor to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Ejector mechanism	824,535	June 26	4576	973	122	2885
Elder, Frederick L. (See Elder, James E. and F. L.)						
Elder, James E. and F. L., Dayton, Wash. Weeder and cultivator	817,052	Apr. 3	1002	205	121	1581
Elder, James M., Indianapolis, Ind. Pneumatic tire	811,490	Jan. 30	5798	1213	120	1416
Elder, John, Corona, N. Y. Thread-cutting die and making the same	818,020	Apr. 17	2943	636	121	2117
Elder, William J., and A. C. Remick, Sacramento, Cal. Advertising device	829,064	Aug. 21	2755	579	123	2420
Elder, Willis M., and C. W. Turner, Waverly, Tenn. Animal-chase	816,081	Mar. 27	4272	905	121	1089
Eldred, Byron E., New York, N. Y. Burning cement	829,956	Sept. 4	36	7	124	10
Eldred, Byron E., Bronxville, N. Y. Apparatus for making cement clinker	829,957	Sept. 4	39	7-9	124	10
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Burning ceramic ware	810,044	Jan. 16	2889	596	120	718
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Steam-boiler furnace	811,626	Feb. 6	191	41	120	1526
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Blast combustion	812,193	Feb. 13	1376	299	120	1840
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Oscillating cement-kiln	812,834	Feb. 20	2632	575	120	2148
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Operating gas-producers	813,628	Feb. 27	4217	927	120	2551
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Means for controlling gas velocity in reverberatory furnaces	819,046	May 1	21	5-6	122	7
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Blast-flame furnace	821,994	May 29	6022	1283	122	1573
Eldred, Byron E., Brookline, Mass., assignor to Combustion Utilities Company, New York, N. Y. Cement-burning process and apparatus therefor	813,627	Feb. 27	4215	927	120	2551
Eldred, Byron E., Brookline, Mass., assignor to Combustion Utilities Company, New York, N. Y. Application of heat in metallurgical and other furnaces	819,045	May 1	18	5	122	7
Eldred, Byron E., assignor to Combustion Utilities Company, New York, N. Y. Producing gas	820,485	May 15	2966	641	122	781
Eldred, Byron E., and C. Ellis, assignors to Combustion Utilities Company, New York, N. Y. Apparatus for generating gas	811,706	Feb. 6	329	72	120	1559
Eldredge, Alva R., El Paso, Tex. Pencil-holder	818,879	Apr. 24	4668	1002	121	2540

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Eldredge, Harry H., and C. J. Doty, Guthrie, Okla. Ter. Mutoscope.....	822,438	June 5	399	83	122	1811
Eldridge, Charlie F., Herrin, Ill. Automatically-operated switch.....	832,659	Oct. 9	1296	261	124	1565
Eldridge, Edward L., Cazenovia, N. Y. Door check and closer.....	813,693	Feb. 27	4339	955	120	2577
Eldridge, John, Astoria, Oreg. Can-body-forming machine.....	828,024	Aug. 7	673	139-40	123	1837
Eldridge, John, and P. Kruse, Astoria, Oreg. Side-seam-soldering apparatus.....	832,301	Oct. 2	573	108-9	124	1352
Electra-Pura Water Company. (See Bailey, Henry C., assignor.)						
Electrelle Company. (See Smith, Irving B., assignor.)						
Electric Amusement Company. (See Gaynor, Thomas F., assignor.)						
Electric Boat Company. (See Barraja-Frauenfelder, Joseph, assignor.)						
Electric Boat Company. (See Grieshaber, Hugo E., assignor.)						
Electric Boat Company. (See Spear, Lawrence Y., assignor.)						
Electric Boat Company. (See Spear and Bailey, assignors.)						
Electric Candy Machine Company. (See Morrison, William J., assignor.)						
Electric Candy Machine Company. (See Zoeller, Theodore J., assignor.)						
Electric Car Company of America. (See Hunter, Rudolph M., assignor.)						
Electric Chain Company. (See Bennett, John, assignor.)						
Electric Chain Company. (See Gammelgaard, Ove L., assignor.)						
Electric Controller and Supply Company. (See Dean and Tschentscher, assignors.)						
Electric Controller & Supply Company. (See Gilpin, Charles D., assignor.)						
Electric Economies Company. (See Conkling and Winn, assignors.)						
Electric Gas Lighting Company. (See Boardman, Arthur F., assignor.)						
Electric Gas Lighting Company. (See Howes, Charles F., assignor.)						
Electric Liquid Purifying and Filtering Company. (See Hinkson, Frank B., assignor.)						
Electric Manufacturing and Equipment Company. (See Wotton, James A., assignor.)						
Electric Metal Working Company. (See Coffin, Charles L., assignor.)						
Electric Signagraph and Semaphore Company. (See Webb, Jean F., Jr., assignor.)						
Electric Specialty Co. (See Felt, Charles E., assignor.)						
Electric Specialty Co. (See Felt and Kimbark, assignors.)						
Electric & Steam Ry. Supply Co. (See Hoffman and Powers, assignors.)						
Electric Thermo-Vibra Company. (See Fraley, George B., assignor.)						
Electric and Train Lighting Syndicate. (See Deutsch, Isidor, assignor.)						
Electric Typewriter Company of Norfolk. (See Kitzmiller, George M., assignor.)						
Electric Vehicle Company. (See Law, Fred A., assignor.)						
Electric Water Purifier Company. (See Adams, Milton F., assignor.)						
Electrical Concrete Post Company. (See Low, Harold A., assignor.)						
Electrical Devices Company. (See Titus, Joseph V. E., assignor.)						
Electrical Heating & Manufacturing Company. (See Shipp, Frederic F., assignor.)						
Electrical Ore Finding Company. (See Daft and Williams, assignors.)						
Elektrische Glühlampen-Fabrik "Watt," Scharf & Co. (See Schübel, Carl, assignor.)						
Electro Chemical & Development Company. (See Hartenstein, Herman L., assignor.)						
Electro Chemical & Development Company. (See Hartenstein, Herman L., assignor.)						
(Reissue.)						
Electro Dental Manufacturing Company. (See Schramm, Adolph W., assignor.)						
Electro Metallurgical Company. (See Becket, Frederick M., assignor.)						
Electrolite Gas Lamp Company. (See Beck, Charles W., assignor.)						
Elegar, Augustus M., Denver, Colo. Bath-tub cabinet.....	822,355	June 5	254	53	122	1781
Elektrömilitära Aktiebolaget. (See Lind, Arvid A., assignor.)						
Elers, Karl F., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible connection and suspension means for gearless motors.....	816,571	Apr. 3	30	8-9	121	1360
Elevator Safety Equipment Company. (See Guess, Carl H., assignor.)						
Elevator Securities Company. (See Hiss and De Buren, assignors.)						
Elevator Securities Company. (See MacKaye, Harold S., assignor.)						
Elevator Supply & Repair Company. (See Smalley and Reiners, assignors.)						
Eley, W. Hatcher. (See Dull, James E., assignor.)						
Elfström, Carl E. (See Ström and Elfström.)						
Elger, William D. (See Robertson, James H., assignor.)						
Elicker, Charles A. (See Lease, Lyman G., assignor.)						
Eliezer, Pierre, Paterson, N. J. Window-screen.....	839,566	Dec. 25	4541	969	125	2606
Elkin, Charles, New York, N. Y. Pipe.....	818,819	Apr. 24	4563	978	121	2518
Elkin, Charles, New York, N. Y. Pipe.....	818,820	Apr. 24	4564	978	121	2518
Elkins, Arthur F., Ironton, Ohio. Supplemental car-step.....	829,861	Aug. 28	4455	941-2	123	2887
Elkins, John P. (See Myers, McClelland, assignor.)						
Elkins, Roland H., Sioux City, Iowa. Distributor for force-feed lubricators.....	836,308	Nov. 20	2807	595-6	125	796
Elkus, Laurence. (See Crocker, Allen S., assignor.)						
Elkus, Laurence, Indianapolis, Ind. Combined sand drier and screen.....	832,961	Oct. 9	1897	394	124	1708
Elkus, Laurence, Indianapolis, Ind. Composite brick.....	837,290	Dec. 4	37		125	1363
Eller, George, St. Louis, Mo. Permutation-lock.....	817,551	Apr. 10	2001	422	121	1853
Ellermann, Emil, Berlin, Germany. Drying apparatus for malt.....	817,698	Apr. 10	2247	483	121	1905
Ellés, Edouard. (See Kraemer and Ellés.)						
Ellett, Joseph P. (See Green, George F., assignor.)						
Ellett, Walter M., and R. M. Vick, Alliance, Ohio. Credit-cabinet.....	818,083	Apr. 17	3058	659	121	2140
Ellicott, Francis, Baltimore, Md. Device for synchronizing prime motors.....	825,530	July 10	1737	365	123	467
Elliff, Josiah C., Wills Point, Tex. Mail-bag catcher.....	812,835	Feb. 20	2635	576	120	2149
Elling, Jens W. O., Christiania, Norway. Fractional-supply steam and gas turbine....	821,347	May 22	4747	1010	122	1236
Elling, Jens W. A., Christiania, Norway. Fractional-supply turbine.....	838,309	Dec. 11	2074	448-9	125	1912
Ellingen, Wilhelm, Cologne, Germany, and F. Doehle, Geneva, Switzerland, assignors to J. Pohlig, Aktien-Gesellschaft, Cologne-Zollstock, Germany. Cable-grip for cable-hauled trucks and the like.....	817,053	Apr. 3	1003	205	121	1582
Elliott Frog & Switch Company. (See Elliott, Henry, Jr., and W. H., assignors.)						
Elliott Frog & Switch Company. (See Elliott, William H., assignor.)						
Elliott Frog & Switch Company. (See Elliott and Townsend, assignors.)						
Elliott Frog & Switch Company. (See Scott, William H., assignor.)						
Elliott, Henry, Jr., and W. H., St. Louis, Mo., assignors to Elliott Frog & Switch Company, East St. Louis, Ill. Adjustable switch-rod.....	815,150	Mar. 13	2310	484	121	559
Elliott, Joseph M., Germantown, Pa. Mounting photographs or pictures.....	818,084	Apr. 17	3058	659	121	2140
Elliott, William H. (See Elliott, Henry, Jr., and W. H.)						
Elliott, William H., St. Louis, Mo., assignor to Elliott Frog & Switch Company, East St. Louis, Ill. Adjustable switch-rod.....	813,873	Feb. 27	4701	1040	120	2656
Elliott, William H., St. Louis, Mo., and J. J. Townsend, assignors to Elliott Frog & Switch Company, East St. Louis, Ill. Wear-plate for railway-switches.....	813,874	Feb. 27	4702	1041	120	2656
Elliott, William S., Northampton, Mass., assignor, by mesne assignments, to United Fast Color Eyelet Company, Portland, Me. Setting-die.....	833,515	Oct. 16	3045	646	124	2041
Elliott, Alexander, Little Rock, Cal. Copper separation.....	814,836	Mar. 13	1683	352	121	427
Elliott, Cypher C. and N. B. Gilman, Iowa. Chimney-flue thimble.....	821,933	May 29	5909	1257	122	1548
Elliott, Elias L., assignor to Brilliant Electric Company, Cleveland, Ohio. Blowing off the necks of lamp-bulbs.....	818,674	Apr. 24	4255	915	121	2451

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Page.
Elliott-Fisher Company. (See Bolton, Herbert D., assignor.)						
Elliott-Fisher Company. (See Halle, Hiram J., assignor.)						
Elliott-Fisher Company. (See Laganke, Charles F., assignor.)						
Elliott-Fisher Company. (See Laganke and Smith, assignors.)						
Elliott-Fisher Company. (See McCathran, James K., assignor.)						
Elliott-Fisher Company. (See Smith, John A., assignor.)						
Elliott-Fisher Company. (See Turley, Patrick H., assignor.)						
Elliott-Fisher Company. (See Twining, William A., assignor.)						
Elliott-Fisher Company. (See Wicks, George I., assignor.)						
Elliott-Fisher Company. (See Ziegler, Joram, assignor.)						
Elliott, Harry W., Prescott, Ariz. Ter. Lubricating system.....	818,364	Apr. 17	3616	775	121	2259
Elliott, Henry D., Morgan Center, Vt. Cattle-stanchion.....	827,221	July 31	5189	1077	123	1377
Elliott, James, Melville, N. Y. Terra-cotta-tile well.....	822,254	June 5	52	11	122	1740
Elliott, James, Melville, N. Y. Device for forcing terra-cotta tiles.....	831,607	Sept. 25	3432	721	124	956
Elliott, John D. W. (See Gibb and Elliott.)						
Elliott, John W., Graham, Ky. Cultivator.....	826,021	July 17	2729	565-6	123	730
Elliott, Lewis P., Jackson Center, Ohio. Car-coupling.....	810,400	Jan. 23	3679	758	120	921
Elliott, Milo A., Waterville, Me. Vehicle-hub.....	824,345	June 26	4176	893	122	2801
Elliott, Noyes B. (See Elliott, Cypher C. and N. B.)						
Elliott, Oscar L., Keene, Ohio. Ratchet-wrench.....	837,291	Dec. 4	38	12	125	1363
Elliott, Percy M., Chicago, Ill., assignor to Q & H Company. Door-hanger.....	821,630	May 29	5306	1131	122	1414
Elliott, Thaddious V., New York, N. Y. Oscillating valve for steam-engines.....	821,227	May 22	4486	956	122	1176
Elliott, William F., De Kalb, Ill. Fly-shield.....	826,714	July 24	4150	862	123	1101
Elliott, William F., De Kalb, Ill. Fly-shield.....	836,021	Nov. 13	2193	470	125	589
Elliott, William F. and William P., Jr., Chicago, Ill. Gate.....	835,184	Nov. 6	620	126	125	157
Elliott, William S. (See Faber, Frank M., assignor.)						
Elliott, William S. (See Swartz, Alfred H., assignor.)						
Ellis, Abram, Augusta, Ga. Spring-wheel.....	833,828	Oct. 23	3696	787	124	2243
Ellis, Albert C. (See Johnston, James J., assignor.)						
Ellis, Alvarado L. (See Pratt and Ellis.)						
Ellis, Avarado L. R., Lynn, Mass., assignor to General Electric Company. Testing device.....	837,044	Nov. 27	4322	917-18	125	1198
Ellis, Arthur N., San Bernardino, Cal. Pump for wells.....	819,986	May 8	1945	429	122	494
Ellis, Axel E., Boston, Mass. Tag.....	822,255	June 5	53	11	122	1740
Ellis, Calvin J. and L. M. Vreeland, Kansas City, Mo. Pitless platform-scale.....	834,276	Oct. 30	4801	1015	124	2562
Ellis, Carleton. (See Bridge and Ellis.)						
Ellis, Carleton. (See Eldred and Ellis.)						
Ellis, Carleton, White Plains, N. Y. Apparatus for producing gas.....	814,279	Mar. 6	543	113	121	117
Ellis, Carleton, White Plains, N. Y. Apparatus for burning lime.....	821,996	May 29	6025	1284	122	1574
Ellis, Carleton, White Plains, N. Y. Burning cement clinker by flame impingement and apparatus therefor.....	827,517	July 31	5865	1215	123	1540
Ellis, Carleton, White Plains, N. Y. Smelting iron ores.....	839,126	Dec. 25	3662	790	125	2392
Ellis, Carleton, Roslindale, Mass., assignor to Chadeloid Chemical Company, New York, N. Y. Paint and varnish remover.....	811,044	Jan. 30	4951	.....	120	1237
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Gas-producer.....	811,208	Jan. 30	5287	1106	120	1307
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Power-gas producing and consuming apparatus.....	812,194	Feb. 13	1379	300	120	1840
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Heat-recuperator for cement-kilns.....	812,786	Feb. 13	2528	555	120	2080
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Gas-producer.....	813,629	Feb. 27	4219	927	120	2552
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Heat-regenerator for cement-kilns.....	813,630	Feb. 27	4223	928	120	2553
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Generating gas.....	814,001	Feb. 27	4949	1094	120	2705
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Gas-producer.....	815,913	Mar. 20	3920	829	121	959
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Gas producing and consuming apparatus.....	816,973	Apr. 3	858	177	121	1548
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Apparatus for manufacturing cement.....	817,163	Apr. 10	1217	252	121	1690
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Gas producing and consuming apparatus.....	821,995	May 29	6024	1284	122	1573
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Apparatus for manufacturing cement.....	825,305	July 10	1229	259	123	338
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Generating gas.....	835,506	Nov. 13	1255	270	125	362
Ellis, Carleton, assignor to Chadeloid Chemical Company, New York, N. Y. Non-inflammable paint and varnish remover.....	817,141	Apr. 3	1164	.....	121	1618
Ellis, Elmer E. (See Yapp and Ellis.)						
Ellis, Frank I., assignor to United Engineering & Foundry Company, Pittsburg, Pa. Pipe crushing and shearing machine.....	823,326	June 12	2228	465	122	2262
Ellis, Frank O., Philadelphia, Pa. Fountain-pen.....	834,373	Oct. 30	4988	1056	124	2609
Ellis, Frank P., Messer, Kans. Baling apparatus.....	821,405	May 22	4873	1034-5	122	1263
Ellis, Frederick L., Milldale, Conn. Door-bell.....	833,450	Oct. 16	2907	616	124	2011
Ellis, George H. (See Ryther and Ellis.)						
Ellis, George H., Chicago, Ill., assignor to International Harvester Company. Speed-regulating mechanism for gas-engines.....	824,105	June 26	3711	792	122	2700
Ellis, Halcolm, New York, N. Y. Type-writing, calculating, and calculator-recording machine. (Reissue).....	12,528	Aug. 28	4679	980-3	123	2945
Ellis, Harley S., Greenville, Tex. Indicator.....	837,676	Dec. 4	801	182	125	1554
Ellis, Harry G., Clearfield, Pa. Belt-fastener.....	829,146	Aug. 21	2950	617	123	2472
Ellis, James J., et al. (See Ross, Thomas S., assignor.)						
Ellis, John D. (See Anderson, Frederic, assignor.)						
Ellis, John F., Torrington, Conn., assignor to Coe Brass Manufacturing Company. Cylinder for treating heated metal.....	811,707	Feb. 6	331	73	120	1550
Ellis, Lacer Company. (See Ellis, Warren E., assignor.)						
Ellis, Linnaeus T., La Park, Cal. Magazine for holding toilet-paper.....	815,337	Mar. 20	2724	568	121	699
Ellis, Norman G., Washington, D. C. Variable-spacing mechanism for type-writers.....	828,201	Aug. 7	1003	209	123	1916
Ellis, Peter, Wellington, New Zealand. Rotary motor.....	823,717	June 19	2992	633-4	122	2486
Ellis, Robert, Niagara Falls, N. Y. Combined button and pin fastener.....	822,729	June 5	1007	205	122	1950
Ellis, Robert J., assignor of one-half to G. Diekmann, San Francisco, Cal. Broom.....	825,590	July 10	1861	394	123	496
Ellis, Robert J., assignor of one-half to J. M. Diven, San Francisco, Cal. Horse-detaching device.....	833,959	Oct. 23	4079	870	124	2333

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ellis, Robert J., assignor of one-half to J. M. Diven, San Francisco, Cal. Sanitary hair-brush.....	838,527	Dec. 18	2501	541	125	2061
Ellis, Thaddeus, and G. H. Purvis, Lester, Wash. Automatic track-inspector.....	824,536	June 26	4578	973-4	122	2886
Ellis, Warren E., Haverhill, Mass., assignor to Ellis Lacer Company. Fastener for shoe-uppers.....	825,710	July 10	2140	447	123	569
Ellis, Warren E., Haverhill, Mass., assignor to Ellis Lacer Company. Device for holding cards, &c.....	828,542	Aug. 14	1715	361	123	2124
Ellis, William F., Stamford, Conn., and E. C. Davis, New Brunswick, N. J., assignors to Universal Tire Company, New York, N. Y. Tire construction.....	822,439	June 5	400	83	122	1812
Ellis, Willie, Penfield, Ill. Wire-stretcher.....	834,793	Oct. 30	5818	1235	124	2818
Ellison, Milton C., St. Paul, Minn. Filled-sack-sewing machine.....	822,931	June 12	1392	291-2	122	2078
Ellison, Rodman W. C. (See Sullivan, Pritchard, and Ellison.)						
Ellich, Robert C. (See Whitney and Ellich.)						
Ellich, Robert C., assignor to Peck, Stow & Wilcox Company, Southington, Conn. Bit-brace jaw.....	809,936	Jan. 16	2651	548	120	668
Ells, Frank B., Hutchinson, Minn. Valve-gear for explosive-engines.....	823,039	June 12	1616	334-5	122	2130
Ellstrom, Gustaf, assignor to M. E. Johnson, (executrix,) trustee, Fitchburg, Mass. Breakdown gun.....	832,660	Oct. 9	1298	261	124	1566
Elmberg, Ernest F., Chicago, Ill. Attachment for type-writing machines.....	810,895	Jan. 23	4646	969	120	1134
Elmer, John K., Greeley, Colo. Vise.....	824,000	June 19	3537	754-5	122	2605
Elmira Electrochemical Company. (See Carrier, Courtland F., assignor.)						
Elmira Heater Company. (See Frost, John E., assignor.)						
Elmore, C. M., et al. (See Barry and Shaughnessy, assignors.)						
Elmore, Emry, Gibbs, Mo. Railway-rail.....	828,543	Aug. 14	1716	361	123	2124
Elmore, Eugene H., Litchfield, Mich. Rein-guard.....	830,421	Sept. 4	1054	220	124	260
Elmore, Francis E., London, England. Separating finely-divided material.....	826,411	July 17	3466	720	123	906
Elmore, Guy H., et al. (See Knowles, Camden E., assignor.)						
Elmore Manufacturing Company. (See Holloway, George, assignor.)						
Elmore, Willard P., Adrian, Mich. Machine for making cement blocks and the like.....	817,964	Apr. 17	2830	611-14	121	2092
Elmqvist, Victor, Chicago, Ill. Door for grain-cars.....	813,631	Feb. 27	4225	928-9	120	2553
Elofson, Charles, Minneapolis, Minn. Milk-pasteurizer.....	836,873	Nov. 27	3938	840-1	125	1108
Elsaessische Apparatefabrik & Metallgiesserei A. Struedel & J. Guntz. (See Hellich, Mathis, assignor.)						
Elsenhans, Albert, Rüttenscheid, near Essen-on-the-Ruhr, Germany. Apparatus for purifying gas.....	820,772	May 15	3515	754	122	903
Elsner, Hermann, Irvington, N. J. Cooking utensil.....	817,476	Apr. 10	1857	390	121	1824
Elson, William J., assignor to G. H. Garrison and C. M. De Vany, Cortland, N. Y. Fertilizer-distributor.....	830,773	Sept. 11	1799	371-3	124	483
Elson, William J., assignor to G. H. Garrison and C. M. De Vany, Cortland, N. Y. Fertilizer-distributor.....	836,375	Nov. 20	2924	620-1	125	822
Elspass, John H., Los Angeles, Cal., assignor to Elspass Roller Quartz Mill and Manufacturing Company, Pueblo, Colo. Pulverizing-mill.....	835,104	Nov. 6	467	94-5	125	122
Elspass Roller Quartz Mill and Manufacturing Company. (See Elspass, John H., assignor.)						
Eltonhead, Harry B. (See Leffingwell and Eltonhead.)						
Elvin, Albert G., Franklin, Pa. Axle-box lubricator.....	818,021	Apr. 17	2944	636	121	2117
Elvin, Albert G., Franklin, Pa. Axle-box lubricator.....	818,022	Apr. 17	2946	636	121	2117
Ellwell, Braden L., and W. Grimm, assignors to Interlocking Fence Company, Morton, Ill. Wire fence.....	813,370	Feb. 20	3697	812	120	2378
Ellwell, George A., Toledo, Ohio. Automatic train-pipe coupling.....	834,277	Oct. 30	4802	1015	124	2562
Ellwell, Marquis G., and W. M. Martin, Standish, Me. Washing-machine.....	835,943	Nov. 13	2068	442	125	560
Ely, Charles H., East Orange, N. J., Danser, Freehold, and H. S. Schanck, Holmdel, N. J.; said Schanck assignor to Ely and Danser. Folding umbrella.....	838,092	Dec. 11	1638	353	125	1806
Ely, Elmer A., Middletown, Conn. Deck-plate.....	829,862	Aug. 28	4458	942	123	2888
Ely, Frank D., Salt Lake City, Utah. Safety device for watches.....	837,206	Nov. 27	4622	982	125	1273
Ely, Frederick C., assignor to Florence Manufacturing Company, Northampton, Mass. Carton and display device.....	835,155	Nov. 6	566	115	125	144
Ely, Martin J., assignor of one-half to J. A. Drifill, Oxnard, Cal. Beet-sampling machine.....	833,709	Oct. 16	3429	730-1	124	2131
Ely, Martin J., assignor of one-half to L. Hache, Oxnard, Cal. Dumping-wagon.....	838,176	Dec. 11	1818	389	125	1853
Ely, Sumner A., Yonkers, N. Y. Safe.....	827,351	July 31	5436	1129-30	123	1436
Ely, William H., Middletown, Conn. Eyeglass-bridge.....	814,194	Mar. 6	373	76	121	81
Ely, William I., St. Paul, Minn. Self-feeding furnace.....	827,146	July 31	5035	1049-50	123	1337
Elyria Iron & Steel Company. (See McKee, Willis, assignor.)						
Emanuel, Benjamin D., assignor to Anderson Tool Company, Anderson, Ind. Weighing-scoop.....	825,812	July 10	2332	486	123	614
Emanuel, Benjamin D., assignor to Anderson Tool Company, Anderson, Ind. Contents-indicator for receptacles.....	829,704	Aug. 28	4134	874	123	2807
Emberson, John, White Plains, N. Y. Scaffolding.....	822,658	June 5	857	176	122	1918
Embler, Harry B., and E. D. W. Rose, Roseton, N. Y., assignors, by mesne assignments, to said Rose. Button-making machine.....	839,740	Dec. 25	4899	1046-8	125	2694
Embler, Harry B., and G. A. Diemer, Newburgh, N. Y.; said Embler assignor to Northern Button Machine Company. Machine for turning buttons and like articles.....	838,528	Dec. 18	2501	541	125	2061
Embody, Charles L., Lincoln, Nebr. Flue-stopper.....	821,792	May 29	5647	1203	122	1490
Emerick, George S., Philadelphia, Pa. Pebble-mill.....	820,559	May 15	3127	672	122	817
Emerick, George S., Philadelphia, Pa. Air-separator.....	826,772	July 24	4254	884	123	1129
Emerick, William H., and H. L. Bundy, Osawatomie, Kans. Box-car.....	838,529	Dec. 18	2505	542	125	2062
Emerick, William H., Osawatomie, Kans., and P. Alquist, Memphis, Tenn. Car-body.....	819,047	May 1	23	122	8	
Emerick, William H., Osawatomie, Kans., and P. Alquist, Memphis, Tenn. Car-frame.....	819,048	May 1	24	6	122	8
Emerson, Charles H., New York, N. Y. Thread-lubricating device.....	839,567	Dec. 25	4541	969	125	2606
Emerson Electric Manufacturing Company. (See Meston, Charles R., assignor.)						
Emerson, Frederic M., Brookline, Mass. Concrete-mold.....	811,135	Jan. 30	5137	1073	120	1274
Emerson, George W., Denison, Tex. Skiving-machine.....	813,958	Feb. 27	4860	1075	120	2688
Emerson, Homer, Milton, Mass. Mirror for brushes or the like.....	828,393	Aug. 14	1407	297	123	2045
Emerson, Lewis H., and S. P. Kerstetter, De Young, Pa. Oil-well rig.....	815,519	Mar. 20	3094	646	121	781
Emerson Manufacturing Company. (See Waterman, Lewis E., assignor.)						
Emerson, Ono B. (See Greene and Emerson.)						
Emerson, Ono B., assignor of one-half to F. W. Greene, Waterville, Minn. Car-seal.....	834,197	Oct. 23	4616	980	124	2470
Emerson Piano Company. (See Crippen, Walter R., assignor.)						
Emerson, Victor H., Newark, N. J., assignor to American Graphophone Company, Washington, D. C. Magnetic sound-record.....	831,779	Sept. 25	3785	792	124	1051
Emerson, Victor H., New York, N. Y., assignor to American Graphophone Company, Bridgeport, Conn. Sound-record and sound-record tablet.....	838,968	Dec. 18	3306	715	125	2255
Emerson, William R., Washington, D. C. Steam-engine.....	828,100	Aug. 7	829	172	123	1875
Emert, William S., Peoria, Ill. Draft-equalizer.....	822,659	June 5	858	176	122	1918
Emery, Albert H., Stamford, Conn. Cartridge.....	811,910	Feb. 6	722	157-8	120	1637

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Emery, Albert H., Stamford, Conn. Gun-carriage.....	817,841	Apr. 17	2565	550-2	121	2032
Emery, Edwin A., Cripple Creek, Colo., assignor to Emery Pneumatic Lubricator Company. Lubricator for pneumatic machinery.....	827,518	July 31	5868	1215	123	1540
Emery, Edwin A., Cripple Creek, Colo., assignor to Emery Pneumatic Lubricator Company. Lubricating pneumatic machinery.....	827,519	July 31	5871	1215	123	1541
Emery, Joseph W., Quincy, Ill. Heating-stove.....	818,617	Apr. 24	4149	892	121	2427
Emery Pneumatic Lubricator Company. (See Emery, Edwin A., assignor.)						
Emery, Sidney S., Woodbury, N. J., assignor to Eastern Dynamite Company, Wilmington, Del. Manufacturing aluminate of soda.....	818,754	Apr. 24	4438		121	2492
Emett, Arthur, Ealing, England. Frame and board for displaying advertising bills, pictures, &c.....	812,415	Feb. 13	1819	398	120	1936
Emilewicz, Thaddaeus, assignor to Chemische Fabrik auf Actien, (vorm. E. Schering,) Berlin, Germany. Benzoylalkylaminoethanols and making same.....	817,164	Apr. 10	1220		121	1691
Emilewicz, Thaddaeus, assignor to Chemische Fabrik auf Actien, (vorm. E. Schering,) Berlin, Germany. Alkylaminomethylpentyl benzoate.....	837,899	Dec. 4	1224		125	1658
Emmerich & Company, Chas. (See Schnadig, Emanuel M., assignor.)						
Emmerich, Rudolph F. (See Spaulding, Elijah F., assignor.)						
Emmerling, John V., Buffalo, N. Y. Game apparatus.....	817,233	Apr. 10	1361	286	121	1721
Emmert, George C., Mount Morris, Ill. Sliding-door latch and lock.....	810,927	Jan. 30	4731	987-8	120	1188
Emmert, William H., Chicago, Ill. Carpet-sweeper.....	818,755	Apr. 24	4438	951	121	2492
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Packing for elastic-fluid turbines.....	811,833	Feb. 6	554	122-3	120	1603
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. System of electrical regulation.....	816,442	Mar. 27	5006	1063	121	1243
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Packing-ring for shafting.....	818,365	Apr. 17	3617	775	121	2259
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.....	822,256	June 5	54	12	122	1740
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	822,257	June 5	58	12-13	122	1741
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	822,258	June 5	62	13	122	1742
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Power-generating apparatus.....	822,259	June 5	66	13	122	1743
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Power-generating apparatus.....	822,260	June 5	68	14	122	1743
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Power system.....	822,261	June 5	70	14	122	1744
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for elastic-fluid turbines.....	822,887	June 5	1296	267	122	2010
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Means for preventing the distortion of bucket-wheels.....	830,892	Sept. 11	1909	421	124	535
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Power-transmission apparatus.....	839,375	Dec. 25	4144	888	125	2510
Emmet, William L. R., and W. S. Clark, Schenectady, N. Y., assignors to General Electric Company. Insulated electric conductor.....	839,374	Dec. 25	4142	888	125	2510
Emmons, Charles M., Beaver Falls, Pa. Bulkhead.....	838,093	Dec. 11	1641	353-4	125	1807
Emmons, Fannie S., Richmond, Ind. Hair-drier.....	808,645	Jan. 2	48	10	120	13
Emmons, Grosvenor B. (See Mills, Francis A., assignor.)						
Emmons Loom Harness Company. (See Wingate, Wilbur E., assignor.)						
Emonds, James H., et al. (See Dunnell, Frederick W., assignor.)						
Emory, Charles E., Pittsburg, Pa. Combined washbench and step-ladder.....	814,904	Mar. 13	1797	376	121	450
Empire Electric Stage Lighting Company. (See George, Joseph F., assignor.)						
Empire Jewelry Case Company. (See Bergoff, Julius, assignor.)						
Empire Machine Company. (See Wiemann, William P., assignor.)						
Empire Pipe Bending & Supply Co. (See Layton, Richardson C., assignor.)						
Empire State Engineering Company. (See Livingston, William, assignor.)						
Empson, John H., Longmont, Colo. Pea-grader.....	827,909	Aug. 7	411	88	123	1772
Emry, Robert H., Batavia, Iowa. Garment-supporter.....	811,553	Feb. 6	29	7	120	1491
Endean, Theo., Cleveland, Ohio. Photographer's return-envelope.....	814,437	Mar. 6	894	183	121	195
Enderis, Henry W. (See Brown and Enderis.)						
Endrea, Edward S., et al. (See Hyden, Peter N., assignor.)						
Energy Elevator Company. (See Brown, William H., assignor.)						
Engasser, Emil. (See Ditner, Albert, assignor.)						
Engberg, Ephraim U., Salt Lake City, Utah, assignor to J. B. Patton, Kent, Ohio. Machine for trimming and applying shade goods. (Reissue).....	12,445	Feb. 6	1311	286-7	120	1757
Engelbreton, Helmer H., Albee, S. D. Latch.....	824,417	June 26	4343	923	122	2832
Engel, Charles W., Pittsburg, Pa. Safety-pin.....	823,268	June 12	2118	442	122	2239
Engel, Gregor, Charlottenburg, Germany. Tooth-brush.....	827,965	Aug. 7	546	112	123	1808
Engel, Henry, New York, N. Y. Eyeglasses.....	829,639	Aug. 28	3997	846	123	2776
Engel, John J., Mount Oliver, Pa. Heater.....	817,757	Apr. 17	2382	511	121	1991
Engel, Wendall J., et al. (See Garvey, William E., assignor.)						
Engel, William A., Split Rock, Wis. Car-coupling.....	817,307	Apr. 10	1511	316-17	121	1750
Engel, William H., et al. (See Winterburn, Clarence L., assignor.)						
Engelberg Huller Company. (See Halstead, Willard, assignor.)						
Engelbrecht, William H., New York, N. Y. Means for facilitating the cleaning of street catch-basins.....	832,463	Oct. 2	896	173	124	1428
Engelhardt, Frank, F. H., and W. A., Springfield, Mass. Support for anodes.....	825,591	July 10	1862	394	123	496
Engelhardt, Frederick H. (See Engelhardt, Frank, F. H., and W. A.)						
Engelhardt, William A. (See Engelhardt, Frank, F. H., and W. A.)						
Engelhardt, Harry P., New York, N. Y. Concrete-wall-forming apparatus.....	830,893	Sept. 11	2003	421	124	535
Engelhardt, Victor, Vienna, Austria-Hungary, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Electrolytic production of zinc.....	831,843	Sept. 25	3907	819	124	1082
Engelke, Joseph W., Modale, Iowa. Corn-crib.....	817,165	Apr. 10	1221	252	121	1691
Engelman, Julius R., and O. Partenheimer, Jersey City, N. J. Ear-muffle.....	827,719	Aug. 7	44	10	123	1681
Engelmann, Max, Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Making dialkyl-barbituric acids.....	809,362	Jan. 9	1515		120	368
Engeln, Henry P., assignor to H. P. Engeln Company, Cleveland, Ohio. Massage-pump.....	837,207	Nov. 27	4623	983	125	1273
Engels, Max, Düsseldorf, Germany. Closure and making same.....	825,115	July 3	848	176	123	225
Engels, Max, Düsseldorf, Germany. Closing or sealing apertures.....	825,116	July 3	850	176	123	225
Engeman, Frances H., New York, N. Y. Connecting-ring.....	838,611	Dec. 18	2661	572	125	2100
Engl, Samuel, Holcombe, Wis. Combined grain-tank and shelter-top.....	822,262	June 5	73	14-15	122	1744
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Making a red vat-dyeing dye.....	831,844	Sept. 25	3909		124	1082
Engi, Gadiant, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Red violet to violet-blue dye and making same.....	836,309	Nov. 20	2809		125	797

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Engineer Company. (See MacCormack, John, assignor.)						
Engineer Company. (See Quinn, John C., assignor.)						
Engineering and Development Company of New York. (See Staahlgren, Karl A. A., assignor.)						
England, Charles A., Van Meter, Iowa. Relay attachment and alarm for telephone systems.	833,159	Oct. 16	2288	481	124	1854
England, James R., Dallas, Tex. Reed-organ.	828,726	Aug. 14	2079	437-8	123	2217
England, Joseph W., assignor to Smith, Kline & French Co., Philadelphia, Pa. Disinfecting compound.	817,166	Apr. 10	1223	.....	121	1691
England, William H. (See Allfree and England.)						
Engle, Fred. (See Dukerschien and Engle.)						
Engle, Joseph A., Claremont, Ill. Mail-bag clamp.	817,308	Apr. 10	1512	317	121	1750
Engle, Wilber D. (See Haynes and Engle.)						
Englehardt, Frank L., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars.	838,530	Dec. 18	2507	542	125	2063
Engleitner, Franz, Schwerberg, Austria-Hungary. Condenser.	826,773	July 24	4255	884	123	1130
Engleman, John H., Emory, Tex. Crank for drilling-machines.	838,700	Dec. 18	2835	609	125	2144
Englemier, Charles W., assignor of one-half to A. E. Fink, Newark, N. J. Stair-tread.	811,834	Feb. 6	556	123	120	1603
Engler, John, Omaha, Nebr. Water gage and column of steam-boilers.	827,002	July 24	4688	977	123	1234
English, Frank, New Philadelphia, and A. G. Quimby, Uhrichsville, Ohio. Railway.	810,479	Jan. 23	3841	789	120	960
English, Frederick A., Shamokin, Pa. Mining-drill.	837,208	Nov. 27	4625	983	125	1274
English, John C., Camden, N. J., assignor to Victor Talking Machine Company. Sound-box for talking-machines.	828,602	Aug. 14	1829	385	123	2154
English, John C., Camden, N. J., assignor to Victor Talking Machine Company. Talking-machine.	834,511	Oct. 30	5241	1113	124	2673
English & Mersick Company. (See Hopkins, Heber A., assignor.)						
Englund, Albert O., Wayne, Kans. Rotary engine.	809,363	Jan. 9	1516	307-8	120	368
Englund, Ernst E., assignor to D. M. Sechler Carriage Company, Moline, Ill. Corn-planter.	811,554	Feb. 6	30	7-8	120	1491
Englund, Nels F., Ashland, Wis. Time gas-lighting mechanism.	836,492	Nov. 20	3162	671	125	879
Engstrom, Jacob B., Manchester, Iowa. Door-latch.	838,701	Dec. 18	2836	609	125	2144
Enke, Ernst, Kattowitz, Germany. Sulfatizing ores, &c.	826,925	July 24	4554	.....	123	1203
Ennis, Benjamin F., assignor of one-half to J. N. Scism, Syracuse, N. Y. Indicator for truing up work.	837,677	Dec. 4	802	182-3	125	1554
Ennis, Charles, assignor of one-half to F. L. Golding, Boston, Mass. Burner for gas-ranges.	822,932	June 12	1395	292	122	2079
Ennis, John E., Chicago, Ill. Tunneling-machine.	837,552	Dec. 4	533	124-6	125	1488
Ennisson, Walter J., New York, N. Y., assignor to Unitype Company, Manchester, Conn. Type-setting machine.	814,681	Mar. 13	1376	288-90	121	359
Enochs, Claude D., La Crosse, Wis. Electrical ballast-mount.	829,373	Aug. 21	3415	719	123	2584
Enochs, Claude D., La Crosse, Wis. Anchor for guy-wires.	829,578	Aug. 28	3864	820	123	2743
Enochs, Claude D., La Crosse, Wis., assignor to Western Electric Company, Chicago, Ill. Automatic-exchange selector.	820,187	May 8	2372	515-16	122	590
Enochs, Claude D., La Crosse, Wis., assignor to Western Electric Company, Chicago, Ill. Automatic telephone-exchange.	828,101	Aug. 7	832	172	123	1876
Enos, Edward A., East Connersville, Ind. Brick-molding machine.	828,727	Aug. 14	2080	438	123	2218
Enos, Edward H., Salem, Mass. Game.	821,476	May 22	5011	1065	122	1293
Enos, Silvanus F., Mattoon, Ill. Game.	810,631	Jan. 23	4144	856	120	1026
Enright, Bernard, Fordwick, Va. Manufacture of hydraulic cement and apparatus therefor.	815,080	Mar. 13	2154	454-5	121	525
Enright, Bernard, South Bethlehem, Pa. Manufacture of hydraulic cement and the apparatus therefor.	834,374	Oct. 30	4989	1056	124	2609
Enright, Frank H., Philadelphia, Pa. Convertible trunk, chest, box, &c.	825,642	July 10	2008	419	123	536
Enright, Michael, assignor of one-half to G. Silk, Norfolk, Va. Woodworking-tool.	823,592	June 19	2757	584	122	2434
Ensign, Emory S., Cambridgeport, assignor to Ensign Manufacturing Company, Boston, Mass. Calculating-machine.	809,047	Jan. 2	836	178-9	120	185
Ensign, George A., assignor to Defiance Machine Works, Defiance, Ohio. Planing-machine.	819,528	May 1	976	213-14	122	219
Ensign, George A., assignor to Defiance Machine Works, Defiance, Ohio. Rimming-machine.	825,711	July 10	2142	447	123	569
Ensign Manufacturing Company. (See Ensign, Emory S., assignor.)						
Enterprise Foundry Company. (See Morse, William F., assignor.)						
Enterprise Manufacturing Company of Pennsylvania. (See Asbury, Harry E., assignor.)						
Enterprise Manufacturing Company of Pennsylvania. (See Fellows, Edwin C., assignor.)						
Enterprise Manufacturing Company of Pennsylvania. (See Mosher, Charles P., assignor.)						
Enterprise Manufacturing Company of Pennsylvania. (See Rump, William J., assignor.)						
Enterprise Manufacturing Company of Pennsylvania. (See Waite, Edwin E., assignor.)						
Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)						
Entringer, Peter, St. Cloud, Wis. Trip-bucket.	828,025	Aug. 7	678	140	123	1839
Entwisle, Edward B., Johnstown, Pa., assignor to Lorain Steel Company. Means for holding switch-tongues.	826,412	July 17	3467	721	123	907
Entwisle, Edward B., Johnstown, Pa., assignor to Lorain Steel Company. Railway-frog.	834,278	Oct. 30	4804	1015	124	2563
Entz, Justus B., Philadelphia, Pa. System of electrical distribution.	830,982	Sept. 11	2167	458	124	574
Eneyart, Thomas M., Aitch, Pa. Window-sash securer and burglar-alarm.	832,123	Oct. 2	206	41	124	1263
Ephraim, Ferdinand, San Francisco, Cal. Vulcanized material and making the same.	819,529	May 1	978	.....	122	220
Epley, John A., Iuka, Kans. Spool-cabinet.	809,274	Jan. 2	1329	270	120	293
Epperson, Henry T., San Francisco, Cal., assignor of one-half to G. W. Clarke, East Liverpool, Ohio. Kiln.	812,029	Feb. 6	1008	220	120	1693
Epperson, Perrin, Belt, Mont. Oil-can.	830,422	Sept. 4	1055	220	124	260
Epperson, Perrin, assignor to A. E. Chamberlain, Belt, Mont. Funnel.	820,353	May 8	2684	586	122	660
Epping-Carpenter Company. (See Paulsen, Peder, assignor.)						
Eppinger, William, New York, N. Y. Apparatus for smoking and curing meat products.	812,922	Feb. 20	2793	615	120	2184
Eppe, Alois, Rochester, N. Y. Holder for fly-paper.	835,239	Nov. 6	735	153	125	186
Equilibrator Company. (See Fuerth, William G., assignor.)						
Equitable Asphalt Maintenance Company. (See Lutz, George H., assignor.)						
Erard, Orel P., Toledo, Ohio. Front bolster and body-support for children's wagons.	808,977	Jan. 2	715	154	120	158
Erath, Jean, Strassburg, Germany. Floor structure.	811,491	Jan. 30	5799	1214	120	1416
Ert, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Window.	820,960	May 22	3963	843	122	1062
Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Car construction.	820,961	May 22	3970	843	122	1064
Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Adjustable sash-balance.	820,962	May 22	3972	844	122	1065
Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Window construction.	821,228	May 22	4488	956	122	1176
Erb, Elias C., Hunter, and A. L. Powlison, Erie, assignors of one-third to D. H. Huston, Hunter, N. D. Rotary-disk plowing attachment.	816,543	Mar. 27	5216	1106-7	121	1291

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Erber, Josef. (See Homolka and Erber.)						
Erdmann, William. (See Kootz and Erdmann.)						
Erdmenger, Victor, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Starting device for explosion-engines.	813,959	Feb. 27	4862	1075-6	120	2688
Erfurt, Max, Straupitz, near Hirschberg, Germany. Emulsifying resin soap in water. (Reissue)	12,549	Oct. 23	4714	998	124	2493
Erickson, Andrew D., Williston, N. D. Photographic apparatus.	823,465	June 12	2474	523	122	2314
Erickson, Charles, Brooklyn, N. Y. Folding stool.	816,158	Mar. 27	4419	935	121	1120
Erickson, Charles, Brooklyn, N. Y. Camp-stool.	816,905	Apr. 3	709	146	121	1516
Erickson, Charles J. (See Keith and Erickson.)						
Erickson, Edward E., et al. (See Olson, Andrew, assignor.)						
Erickson, Enoch. (See Lee and Erickson.)						
Erickson, Erick R., assignor of one-half to H. Wynell, New York, N. Y. Clamp.	831,845	Sept. 25	3910	820	124	1083
Erickson, Erick R., assignor of one-half to H. Wynell, New York, N. Y. Clamp.	832,464	Oct. 2	897	173	124	1428
Erickson, Frederick W., New York, N. Y., assignor of one-half to F. W. Lord, Ipswich, Mass. Aerial signaling device.	829,640	Aug. 28	3998	847	123	2776
Erickson, Frederick W., New York, N. Y., assignor of one-half to F. W. Lord, Ipswich, Mass. Interior conduit-box.	838,778	Dec. 18	2979	642	125	2178
Erickson, Gustaf A., Minneapolis, assignor to J. E. Erickson, St. Paul, Minn. Artificial leg.	832,851	Oct. 9	1692	348-9	124	1660
Erickson, Gustaf A., Minneapolis, assignor to J. E. Erickson, St. Paul, Minn. Artificial leg.	838,779	Dec. 18	2982	642	125	2179
Erickson, Gustaf A., R., and H., Fort Dodge, Iowa. Feed-water heater.	810,732	Jan. 23	4319	897	120	1065
Erickson, Herman C., Seattle, Wash. Machine for producing lath-bolts.	820,855	May 15	3710	791	122	945
Erickson, Hildor. (See Erickson, Gustaf A., R., and H.)						
Erickson, Ivar, Chicago, Ill. Cloth-pressing machine.	838,245	Dec. 11	1971	422	125	1887
Erickson, John. (See Keith and Erickson.)						
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Electric bell.	819,049	May 1	27	6	122	9
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Indicating device for automatic telephone-switches.	819,050	May 1	28	7	122	10
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system.	831,846	Sept. 25	3911	820	124	1083
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Electrothermal switch.	831,847	Sept. 25	3919	820	124	1084
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Adjustable harmonic ringer for selective signaling systems.	831,848	Sept. 25	3922	820-1	124	1085
Erickson, John A., Malden, Mass. Sight feed for lubricators.	823,209	June 12	1988	414	122	2210
Erickson, John E. (See Erickson, Gustaf A., assignor.)						
Erickson, Joseph H., San Francisco, Cal. Clearing-house machine.	824,020	July 3	488	95-6	123	130
Erickson, Oscar F. (See Bradshaw, Townsend, and Erickson.)						
Erickson, Robert. (See Erickson, Gustaf A., R., and H.)						
Ericson, Charles J., Salt Lake City, Utah. Combination-lock and support.	819,131	May 1	193	39	122	49
Ericson, Charles O., Helmetta, N. J. Speed-indicator.	814,905	Mar. 13	1798	377	121	450
Ericson, Eric G., Naugatuck, Conn. Boot and shoe varnishing machine.	826,235	July 17	3139	652	123	826
Ericson, Gottfrid, New York, N. Y. Butter-cutter.	824,472	June 26	4456	945	122	2859
Ericson, Gottfrid, New York, N. Y. Butter-cutter.	827,622	July 31	6074	1260	123	1594
Ericson, Job E., San Francisco, Cal. Flushing-tank valve.	812,030	Feb. 6	1009	220	120	1694
Ericson, John M., Salt Lake City, Utah. Stove.	837,456	Dec. 4	360	84	125	1445
Ericson, John V. (See Ericson, Richard W. and J. V.)						
Ericson, Richard W. and J. V., Chicago, Ill. Dumping-car.	810,524	Jan. 23	3936	810	120	981
Ericsson, Anders J., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.	822,196	May 29	6410	1361	122	1662
Ericsson, Anders J., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.	832,047	Oct. 2	40	10	124	1222
Ericsson, Anders J., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.	832,048	Oct. 2	42	10-11	124	1223
Ericsson, Edward J., San Francisco, Cal. Automatic feed device.	815,691	Mar. 20	3440	718	121	858
Ericsson, Henry, Chicago, Ill. Concrete-mixer.	831,658	Sept. 25	3543	747	124	987
Erie City Iron Works. (See Mong, Lincoln G., assignor.)						
Eriksson, Erik, assignor of one-half to O. E. Huglin, Odeholt, Iowa. Floor-scraper.	811,282	Jan. 30	5430	1132	120	1339
Erlinger, Xaver, assignor to S. Brentano, New York, N. Y. Carbonating water for use in baths, &c.	831,941	Sept. 25	4129	860	124	1136
Ernst, Alfred. (See Rothberg and Ernst.)						
Ernst, Carl, Rochester, N. Y. Drawer-support for filing-cases.	823,771	June 19	3096	656	122	2508
Ernst, Carl A., Schenectady, N. Y., assignor to General Electric Company. Sealing metal into glass or other vitreous material.	832,302	Oct. 2	580	109	124	1353
Ernst, Charles K., Buffalo, N. Y. Turn-table.	824,632	June 26	4769	1016	122	2927
Ernst, Frank L. (See Backe and Ernst.)						
Ernst, Hans, Münster, Germany. Indicator for sausage-stuffing machines.	827,147	July 31	5037	1050	123	1337
Ernst, Henry, Chicago, Ill. Door-check.	819,870	May 8	1662	356	122	436
Ernst, John H., assignor to Silver & Company, Brooklyn, N. Y. Alcohol-burner.	813,783	Feb. 27	4515	997	120	2615
Ernst, John H., New York, assignor to Silver & Company, Brooklyn, N. Y. Alcohol-burner.	821,406	May 22	4880	1036	122	1265
Ernst, Otto, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Red lake.	830,312	Sept. 4	834		124	209
Ernst, William, and A. A. Patton, San Francisco, Cal. Fishing-reel.	818,880	Apr. 24	4669	1002	121	2540
Errani, Louis, and L. Guérin, Paris, France. Rotary motor.	833,031	Oct. 9	2022	425	124	1738
Erret, Joseph, Cleveland, Ohio. Vehicle-step.	810,199	Jan. 16	3211	665	120	784
Erick, Charles W., North Tonawanda, N. Y. Bicycle-saddle and spring therefor.	822,660	June 5	860	176	122	1918
Erschens, Nicholas, Elkton, S. D. Railway-signal.	812,555	Feb. 13	2101	461	120	1994
Erskine, James D., Chicago, Ill. Heater.	818,085	Apr. 17	3059	660	121	2140
Erskine, William B., Madison Mills, Ohio. Crane.	809,674	Jan. 9	2163	447	120	507
Ersland, Amos K., Fruithurst, Ala. Adding and recording machine.	829,769	Aug. 28	4260	902-4	123	2839
Erste Offenbacher Special-Fabrik für Schmirgelwaarenfabrikation Mayer & Schmidt. (See Benicke, Georg, assignor.)						
Ertel, John C. (See Campbell, Milton T., assignor.)						
Ertzman, Emil B. (See Fatkin and Ertzman.)						
Ervin, George M., Johnstown, Pa., assignor to Lorain Steel Company. Pattern for railway-track structures.	834,279	Oct. 30	4805	1015-16	124	2563
Ervin, George M., Johnstown, Pa., assignor to Lorain Steel Company. Railway-track structure.	834,280	Oct. 30	4807	1016	124	2564
Ervin, George M., Johnstown, Pa., assignor to Lorain Steel Company. Tongue-switch.	834,281	Oct. 30	4808	1016-17	124	2564
Ervin, Robert L., Princeton, Ky. Wheel-gage.	816,159	Mar. 27	4421	935	121	1120
Erving, Andrew V., Detroit, Mich. Stove.	837,814	Dec. 4	1059	236	125	1616
Erwin & Company. (See Durdin, Augustus C., Jr., assignor.)						
Erwin, James B., Milwaukee, Wis. Adjustable mirror-holder.	833,592	Oct. 16	3202	680-1	124	2080

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Erwin, Joseph. (See Porter and Erwin.)						
Erwin, Preston T., Everton, Mo. Chalking device.	838,395	Dec. 11	2247	486	125	1955
Erwin, Robert W., St. Louis, Mo. Continuous still and condenser.	836,022	Nov. 13	2194	470	125	590
Erwin, Thos. F., <i>et al.</i> (See Burkins, Eugene, assignor.)						
Erwin, William E., Yorkville, S. C. Artificial leg.	827,720	Aug. 7	46	10	123	1681
Escales, Richard, Munich-Schwabing, Germany. Explosive compound.	812,195	Feb. 13	1382		120	1841
Esch, Henry S., New York, N. Y. Spring-motor.	837,815	Dec. 4	1061	236-7	125	1617
Eschenbach, Anthony, Dayton, Ky. Feeding mechanism for presses and the like.	822,661	June 5	861	177	122	1919
Eschenbach, Paul. (See Tessmann, Otto, assignor.)						
Eschholz, Otto A., Springfield, Mass. Holder for spools and other articles.	829,198	Aug. 21	3057	641	123	2498
Escuder y Castellá, Miguel, Havana, Cuba. Sugar-bowl.	833,674	Oct. 16	3346	712	124	2113
Eshbaugh, Charles F. (See Noble, Charles, assignor.)						
Eshelman, Benjamin F., Tacoma, Wash. Pipe-stem cleaner.	817,633	Apr. 10	2146	455	121	1884
Eskilsson, Theodor. (See Lundsten, Fritz, assignor.)						
Espen-Lucas Machine Works. (See Lucas, William H., assignor.)						
Espenhayn, Wilhelm, and F. O. Hunger, Chemnitz, Germany. Chemical heating device.	827,222	July 31	5192	1078	123	1378
Espinosa, Felipe M., New York, N. Y. Windmill.	833,593	Oct. 16	3204	681-2	124	2080
Essen, Fritz von, Sköfde, assignor to Aktiebolaget Tidan, Mariestad, Sweden. Boot-tree and the like.	823,853	June 19	3252	688	122	2544
Esser, Christian, Wiener-Neustadt, Austria-Hungary, assignor to Pilgrim Paper Company, New York, N. Y. Production of half-stuff from peat-turf.	836,069	Nov. 13	2280		125	612
Esser, Fredric F., Oconomowoc, Wis. Lead-pencil sharpener.	837,617	Dec. 4	681	156	125	1524
Esser, Josef, München-Gladbach, Germany. Electrical station-indicating system.	839,376	Dec. 25	4148	889	125	2511
Essig, Harry E., assignor of one-half to V. A. Schort, Canton, Ohio. Manure-spreader.	824,921	July 3	490	96-7	123	131
Essig, Ozia A., Canton, Ohio. Pivoted window.	828,102	Aug. 7	835	172	123	1877
Essmuller Mill Furnishing Company. (See Schmidt, Ludwig, assignor.)						
Estell, Samuel F., Los Angeles, Cal. Automatic reminder for telegraph operators.	832,303	Oct. 2	581	109	124	1353
Estes, Franklin L., Lambert, Miss. Car-door fastener.	827,352	July 31	5438	1130	123	1437
Estes, William B., assignor to Atlanta Horse Collar Company, Atlanta, Ga. Horse-collar.	814,596	Mar. 6	1185	248	121	257
Estes, William B., assignor of one-half to W. S. Ansley, Atlanta, Ga. Rim for horse-collars.	827,061	July 24	4819	1004	123	1266
Estes, William B., assignor to Gate City Horse Collar Company, Atlanta, Ga. Horse-collar.	834,115	Oct. 23	4447	944-5	124	2425
Estorff, Hermann. (See King and Estorff.)						
Eten, William B. (See Worth and Eten.)						
Etheridge, Carroll L. (See Heinrich, Schmidt, and Etheridge.)						
Etly, David J., Pittsburg, Pa. Trolley-harp.	829,641	Aug. 28	3999	847	123	2776
Etna Machine Company. (See Cable, Frank D., assignor.)						
Ettenger, Robert L., Washington, D. C. Car construction.	815,946	Mar. 27	3976	842	121	1022
Ettenger, Robert L., Washington, D. C., assignor, by mesne assignments, to Damascus Brake Beam Company, Cleveland, Ohio. Adjustable head for brake-beams.	813,960	Feb. 27	4864	1076	120	2688
Etter, William H., Marietta, Ohio. Weather-strip.	824,001	June 19	3539	755	122	2606
Ettinger, Alonzo S., White Plains, N. Y. Combined cultivator and plow.	833,130	Oct. 9	2222	468	124	1792
Ettinger, Joel B., Philadelphia, Pa. Loose pulley or wheel.	825,813	July 10	2334	486	123	615
Ettinger, Josephine, Cortland, N. Y. Garment-supporting device.	820,856	May 15	3712	792	122	946
Ettinger, Samuel F., Little Rock, Ark. Non-refillable bottle.	813,961	Feb. 27	4866	1076	120	2689
Ettlin, Anton, Noble, Oreg. Rail-joint.	829,065	Aug. 21	2756	579	123	2420
Ftzenhouser, Elias, and R. L. Morss, San Jose, Cal. Window-lock.	810,045	Jan. 16	2892	596	120	719
Eugene Dietzgen Co. (See Eichmüller, Johann, assignor.)						
Eugene Dietzgen Company. (See Bierbrauer, William L., assignor.)						
Eulberg, Joseph, Alton, Iowa. Horse-collar.	816,785	Apr. 3	461	103	121	1459
Eureka Briquette Company. (See Crawford, James J., assignor.)						
Eustice, Daniel L., Galena, Ill. Machine for the manufacture of bands.	819,639	May 1	1186	259	122	266
Eustice, Daniel L., Galena, Ill. Packing-machine.	826,553	July 24	3821	792	123	1017
Eustus, John P., Newton, Mass. Pipe-coupling.	809,792	Jan. 9	2375	490	120	555
Eustis, John P., Newton, Mass. Shelf-supporting bracket.	826,321	July 17	3307	683	123	869
Eustis, John P., Newtonville, Mass. Bath-tub seat. (Reissue.)	12,499	June 26	4906	1043	122	2955
Evanovitch, Gusser, London, assignor to L. A. Evanovitch, Quarrington, Sleaford, England. Non-refillable bottle.	825,814	July 10	2335	486	123	615
Evanovitch, Lissie A. (See Evanovitch, Gusser, assignor.)						
Evans, Alfred T., and V. C. Gahagan; said Gahagan assignor to W. A. McGregor, Guffey, Pa. Well-pump.	814,365	Mar. 6	743	150	121	165
Evans, Archer P., <i>et al.</i> (See Bain, Eugene C., assignor.)						
Evans, Arthur B. (See Wichmann and Evans.)						
Evans, Charles M., Carmichaels, Pa. Sash-lock.	810,110	Jan. 16	3025	629	120	751
Evans, Clarence R., Baltimore, Md. Filing-folder.	814,950	Mar. 13	1881	395	121	467
Evans, David C., and O. Q. Patterson, Uniontown, Pa. Street-car indicator.	813,144	Feb. 20	3258	716-17	120	2286
Evans, David E. (See Smith, Chester, assignor.)						
Evans, E. E. (See Tower, Wallace G., assignor.)						
Evans, Frank, Pricedale, assignor of one-half to W. E. Jenkins, Monessen, Pa. Wrench.	828,277	Aug. 7	1153	242	123	1951
Evans, Frank A., Redwood Falls, Minn. Rotary filter.	820,560	May 15	3127	673	122	817
Evans, George W., Tuxedo Park, Md. Ventilator for sewer and other pipes.	810,733	Jan. 23	4320	898	120	1066
Evans, Harry. (See Weisnek, Ignatz, assignor.)						
Evans, Jeremiah Y., Philadelphia, Pa. Clutch.	821,091	May 22	4242	902	122	1122
Evans, Jesse and M., Hamilton, Ohio. Tire-setter.	822,933	June 12	1397	292	122	2079
Evans, John A. (See Evans, Newton R., assignor.)						
Evans, John G., Calhoun, S. C. Plow-frame and attachment.	824,633	June 26	4771	1017	122	2928
Evans, John H., <i>et al.</i> (See Evans, William, assignor.)						
Evans, Lewis J., Riverside, assignor of five-eighths to C. Tyler and J. M. Davidge, Birmingham, N. Y. Mail-bag catcher.	808,646	Jan. 2	50	10-11	120	13
Evans, Minor. (See Evans, Jesse and M.)						
Evans, Newton R., assignor to J. A. Evans, Richmond, Ind. Window-lifter.	815,914	Mar. 20	3921	830	121	959
Evans, Newton R., assignor to J. A. Evans, Richmond, Ind. Greenhouse-sash opener.	817,758	Apr. 17	2383	512	121	1992
Evans, Richard, Johnstown, N. Y. Gauntlet-wrist for gloves.	837,816	Dec. 4	1064	237	125	1617
Evans, Richard K., assignor to Cyanide Vacuum Filter Company, Limited, London, England. Apparatus for separating metals from ores.	834,233	Oct. 23	4682	992	124	2487
Evans, Robert, <i>et al.</i> (See Evans, William, assignor.)						
Evans, Samuel, Washington, Pa. Bottle-stopper.	815,151	Mar. 13	2312	484	121	560
Evans, Sarah M., administratrix. (See Evans and Taylor.)						
Evans, Thomas, Great Falls, Mont. Blast-furnace twyer.	826,715	July 24	4150	862-3	123	1101
Evans, Warren C., deceased, Exeter, N. H., (S. M. Evans, administratrix,) and E. H. Taylor, Lynn, Mass. Bottom-finishing machine for shoes.	825,712	July 10	2145	448-50	123	570
Evans, Warren C., deceased, Exeter, N. H., (S. M. Evans, administratrix,) and E. H. Taylor, Lynn, Mass., assignors to Automatic Heel Trimming and Burnishing Machine Company, Exeter, N. H. Means for securing tools upon shafts.	835,820	Nov. 13	1855	392	125	512

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Evans, William, Norfolk, Va. Surgical table.....	822,197	May 29	6411	1361	122	1662
Evans, William, assignor to W., R., and J. H. Evans, Philadelphia, Pa. Hydraulic band-stripping machine.....	819,871	May 8	1664	356-8	122	436
Evans, William, assignor to W., R., and J. H. Evans, Philadelphia, Pa. Hydraulic machine for clamping plates in the manufacture of springs.....	819,872	May 8	1667	358	122	437
Evans, William D., Chicago, Ill. Cow-cover.....	838,310	Dec. 11	2077	449	125	1912
Evans, William F., assignor of one-half to J. H. Debragga, Evergreen, N. Y. Window-sash holder.....	822,934	June 12	1398	293	122	2079
Evans, William M., <i>et al.</i> (See Willis, Achille M., assignor.)						
Eveland, Samuel S., Philadelphia, Pa. Lifting-jack.....	811,136	Jan. 30	5139	1074	120	1275
Eveland, Samuel S., Philadelphia, Pa. Electric riveter.....	811,137	Jan. 30	5140	1074	120	1275
Eveland, Samuel S., Philadelphia, Pa. Ball-bearing.....	811,708	Feb. 6	333	73	120	1560
Eveleth, Charles E., Schenectady, N. Y., assignor to General Electric Company. Thermal cut-out.....	815,804	Mar. 20	3693	779	121	910
Eveleth, Charles E., Schenectady, N. Y., assignor to General Electric Company. Expulsion-fuse.....	816,443	Mar. 27	5008	1064	121	1244
Eveleth, Charles E., Schenectady, N. Y., assignor to General Electric Company. Controlling electric switches.....	827,353	July 31	5439	1131	123	1437
Eveleth, Clarence M., Plymouth, N. H. Weather-strip.....	813,411	Feb. 27	3784	830-1	120	2454
Evans, Edward L., Malvern, South Australia, Australia. Game apparatus.....	819,132	May 1	195	40	122	49
Evensen, Lars, Renville, Minn. Vehicle-coupling.....	827,431	July 31	5636	1168	123	1484
Everest, Augustine R., and R. E. Barker, Lynn, Mass., assignors to General Electric Company. Electric switch.....	816,444	Mar. 27	5011	1064	121	1245
Everett, William E. D., Nashville, Tenn. Mail-bag holder.....	827,793	Aug. 7	215	42	123	1724
Everett, Edward A., Detroit, Mich., assignor to Union Switch and Signal Company, Swissvale, Pa. Train-annunciator.....	835,605	Nov. 13	1454	311	125	411
Everett, Ernest C., assignor to R. E. Dietz Company, New York, N. Y. Tubular lantern.....	815,276	Mar. 13	2551	537	121	614
Everett, James N., Pacific, Mo. Vehicle-brake.....	816,654	Apr. 3	230	53	121	1411
Everett, L. T. (See Owens and Black, assignors.)						
Everett, Otis W., Worcester, Mass., assignor to Samuel Winslow Skate Co. Roller for skates.....	823,939	June 19	3412	729	122	2580
Everett, Otis W., Worcester, Mass., assignor to Samuel Winslow Skate Mfg. Company. Roller-skate.....	823,940	June 19	3413	729	122	2580
Everett, William R. (See Newton, Edwin J., assignor.)						
Everett, William R., Chicago, Ill. Gas-engine crank.....	831,608	Sept. 25	3433	721	124	956
Everhart, Foist H., Clyde, N. Y. Variable-speed power-transmitting mechanism.....	836,103	Nov. 20	2361	499	125	684
Everhart, Foist H., Clyde, N. Y. Variable-speed power-transmitting mechanism.....	836,104	Nov. 20	2367	499	125	686
Everitt, William L. (See Johns, Alfred L., assignor.)						
Evers, J. Henry. (See Stauffer, Elgar W., assignor.)						
Evershed, Sydney, Streatley, assignor to himself, and Evershed and Vignoles, Limited, Chiswick, England. Apparatus for measuring electric resistances.....	810,330	Jan. 16	3488	720-1	120	844
Evershed, Sydney, Streatley, assignor to himself, and Evershed and Vignoles, Limited, Chiswick, England. Apparatus for measuring electric resistances.....	812,196	Feb. 13	1382	300-1	120	1841
Evershed and Vignoles. (See Evershed, Sydney, assignor.)						
Eversmann, Emil P., New York, N. Y. Machine for making chenille bindings or trimmings.....	817,963	Apr. 17	2835	614	121	2093
Eversole, Theodore W., Washington, D. C. Self-heating soldering implement.....	835,017	Nov. 6	280	61-2	125	73
Everson, John Q. (See Young and Harvey, assignors.)						
Eves, Archie P., Akron, Ohio. Treating gum.....	821,934	May 29	5910	1257	122	1548
Evesson, Martin V. B., Sabine, Tex. Shoe.....	830,655	Sept. 11	1559	321	124	419
Ewart, Charles J., Roscoe, N. Y. Road-sweeper.....	816,082	Mar. 27	4273	905-6	121	1089
Ewart, David, Ottawa, Canada. Construction of concrete walls.....	829,329	Aug. 21	3324	699	123	2563
Ewen, Samuel G., Jr., Woonsocket, R. I. Animal-trap.....	822,835	June 5	1199	246	122	1990
Ewer, Malcolm G., Detroit, Mich. Pipe-wrench.....	833,516	Oct. 16	3046	646	124	2041
Ewing, Aurelius M., Seattle, Wash. Rail-joint chair.....	809,434	Jan. 9	1684	346	120	402
Ewing, Charles, Tarrytown, N. Y. Toy.....	830,774	Sept. 11	1802	373	124	484
Excelsior Needle Company. (See Lamb, Amherst G., assignor.)						
Exton, Joseph P., and J. M. Hahn, High Bridge, N. J. Dovetail for patterns.....	821,997	May 29	6027	1284	122	1574
Ey, Ernest R. (See Ey, Louis P., assignor.)						
Ey, Louis P., assignor to E. R. Ey, Dimboola, Victoria, Australia. Horse-collar.....	834,794	Oct. 30	5819	1235	124	2818
Eyde, Samuel. (See Birkeland and Eyde.)						
Eyer, Irving, Wilmington, Del. Stamping-machine.....	815,805	Mar. 20	3694	779	121	912
Eynon, David L., and S. Sheriff, assignors of one-half to J. S. Seaman, Pittsburg, Pa. Roll.....	832,725	Oct. 9	1425	288	124	1596
Eynon, Joseph F., Edna, Pa. Rotary engine.....	818,756	Apr. 24	4440	951	121	2492
Eynon, William D. (See Johns and Eynon.)						
Ezell, Umberto D., Kimball, Tex. Pouch.....	824,634	June 26	4773	1017	122	2928
Ezzell, John T., Piedmont, Ala. Curtain-pole.....	816,786	Apr. 3	461	103	121	1459
Ezzell, Jonathan R., Huntington, Tenn. Wagon-brake.....	830,656	Sept. 11	1560	321	124	419
F. Van Buskirk Company. (See Hamill, Margaret E., assignor.)						
F. A. Hardy & Co. (See Bertolini, Vincent, assignor.)						
F. A. Hardy & Company. (See Brown, Charles N., assignor.)						
F. A. Neider Company. (See Marggraff, Frederick, assignor.)						
F. A. Whitney Carriage Company. (See Holman, Joseph P., assignor.)						
F. C. Austin Drainage Excavator Company. (See Jacobs, Charles C., assignor.)						
F. C. Austin Drainage Excavator Company. (See Pike, Howard, assignor.)						
F. E. Myers and Brother. (See Myers, Philip A., assignor.)						
F. E. Reed Company. (See Metcalfe, John, assignor.)						
F. F. Slocumb & Co. (See File, Eugene F., assignor.)						
F. H. Hieber Wagon Manufacturing Co. (See Mertes, August, assignor.)						
F. H. Sadler Co. (See Sadler, Louis E., assignor.)						
F. R. Patch Manufacturing Company. (See Pollard, Edson T., assignor.)						
F. W. Loll Manufacturing Co. (See Loll, Frederick W., assignor.)						
Faas, Martin, New York, N. Y. Attachment for reclining-chairs.....	811,138	Jan. 30	5141	1074	120	1275
Faas, Martin, New York, N. Y. Folding seat for metal beds.....	816,974	Apr. 3	861	178	121	1549
Faatz-Reynolds Felting Company. (See Reynolds, George A., assignor.)						
Faber, Eberhard. (See Fleming, Clarence C., assignor.)						
Faber, Eberhard. (See Foster, Jonas R., assignor.)						
Faber, Frank M., assignor to W. S. Elliott, Pittsburg, Pa. Turbine for boiler-cleaners.....	826,413	July 17	3467	721	123	907
Faber, Henry B., and H. E. Seal, New York, N. Y., assignors to Rubber Balloon Company of America, Newark, N. J. Rubber balloon-bag.....	824,071	June 19	3660	779	122	2632
Fabre, Charles. (See Schmitt and Fabre.)						
Facette, Joseph, Hartford, Conn. Pulse and means for suspending the same.....	815,277	Mar. 13	2552	537	121	614
Faes, Charles F., Madison, Nebr. Rake.....	830,580	Sept. 11	1395	288-9	124	374
Faessler, Charles A., Buffalo, N. Y. Reciprocating tool or engine.....	814,597	Mar. 6	1187	249	121	257

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Fagan, Bernard J., New York, N. Y. Theatrical appliance.	810,734	Jan. 23	4321	898	120	1066
Fageol, Rollie B., assignor of one-half to J. C. Tate and C. N. Bragg, Des Moines, Iowa. Inclined suspended railway.	817,699	Apr. 10	2249	483-4	121	1905
Fagerstrom, Victor A., assignor of one-half to C. S. Gustafson, Rockford, Ill. Stool.	817,234	Apr. 10	1363	286	121	1721
Fagerstrom, Victor A., assignor of one-half to C. S. Gustafson, Rockford, Ill. Table.	817,634	Apr. 10	2147	455-6	121	1884
Faherty, John P., and J. H. M. Blackford, Duquesne, Pa. Boiler attachment.	810,632	Jan. 23	4145	856	120	1026
Faherty, Michael W., Memphis, Tenn. Cylinder-knife for cotton-seed hullers.	824,002	June 19	3540	755	122	2606
Fahl, Edward W., Shirley, Ind. Dynamo-motor.	824,922	July 3	494	97-8	123	132
Fahl, Eugene, St. Louis, Mo. Game apparatus. (Reissue).	12,461	Feb. 27	4968	1100	120	2709
Fahl, Eugene, St. Louis, Mo. Game apparatus.	834,665	Oct. 30	5550	1178	124	2751
Fahl, Eugene, St. Louis, Mo. Game apparatus.	834,714	Oct. 30	5648	1198	124	2777
Fahl, Eugene, assignor of one-fourth to L. Matthews, St. Louis, Mo. Carriage-feed mechanism for type-writing machines.	819,008	Apr. 24	4910	1054	121	2594
Fahrenbach, John, Cincinnati, Ohio. Apparatus for controlling the flow of steam.	833,313	Oct. 16	2625	551	124	1942
Fahrenfeld, Fred W., assignor to Simplex Telephone Equipment Company, Rochester, N. Y. Telephone-transmitter.	837,457	Dec. 4	362	84	125	1446
Fahrne, Peter J., Rochester, N. Y. Toy.	822,198	May 29	6412	1361	122	1663
Fahrney, Daniel P., H. E. Doran, and G. A. Newton, Springfield, Mo. Hose-coupling for cars.	825,117	July 3	851	176-7	123	226
Faidley, Julian C. (See Jones and Faidley.)						
Faifer, Anthony, Springfield, assignor to M. M. Chesrown, Chicago, Ill. Temporary binder.	825,447	July 10	1559	322	123	425
Faifer, Anthony, assignor to Chesrown-Faifer Co., Chicago, Ill. Loose-leaf holder.	826,838	July 24	4381	912	123	1160
Fair, Andrew A., Pierson, Iowa. End-gate fastening.	834,461	Oct. 30	5146	1093	124	2649
Fair, Lewis W., Waldron, Ark. Harrow.	837,292	Dec. 4	39	12	125	1393
Fair, Milton Q., Sr., Chicago, Ill. Cot for invalids.	811,492	Jan. 30	5800	1214	120	1416
Fairbank Canning Company. (See Eachus, Holton, assignor.)						
Fairbanks, David H., Jackson, Tenn. Apparatus for cooling hot journal-boxes.	824,635	June 26	4773	1017	122	2928
Fairbanks, Henry, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-scale.	832,465	Oct. 2	899	173-4	124	1429
Fairbanks, Henry, assignor to E. and T. Fairbanks and Co., St. Johnsbury, Vt. Weighing-scale.	837,263	Nov. 27	4736	1003	125	1301
Fairbanks, James G., and G. L. Sauer, Marion, Ohio. Jack for steam-dredges, &c.	811,709	Feb. 6	334	73	120	1560
Fairbanks, James G., and G. L. Sauer, Marion, Ohio. Excavator.	822,935	June 12	1400	293	122	2080
Fairbanks Morse & Company. (See Benedict, Frederic E., assignor.)						
Fairbanks Morse & Company. (See Hobart, Franklin G., assignor.)						
Fairbanks, Morse & Company. (See Johnson, Wallace B., assignor.)						
Fairbanks Morse & Company. (See Patch, Allen J., assignor.)						
Fairbrother, Henry, London, England. Handle or grip of dumb-bells or other exercising apparatus.	808,737	Jan. 2	233	50	120	53
Fairchild, Frank J., Detroit, assignor to Automatic Car Fender Co., Wyandotte, Mich. Car-fender.	813,632	Feb. 27	4227	929	120	2554
Fairchild, Harry C., Passaic, N. J. Pneumatic tire.	837,458	Dec. 4	364	85	125	1446
Fairchild, Thomas H., Selma, Ala., assignor to L. T. Houghton, Worcester, Mass. Spinning-machine.	834,609	Oct. 30	5435	1154	124	2721
Fairfax, William M., Brooklyn, N. Y. System of distributing electricity by alternating currents.	832,852	Oct. 9	1693	349	124	1661
Fairless, James D., Iuka, Miss. Cotton-scraper.	813,085	Feb. 20	3124	685	120	2257
Fairman, Francis E., Allegheny, Pa. Reversing-gear.	829,958	Sept. 4	49	9	124	12
Fairweather, Nettie. (See McDonnell, Alice C., assignor.)						
Fais, George, New York, N. Y. Lock.	827,520	July 31	5872	1215	123	1542
Faison, Leo P., Golconda, Nev. Horse-detacher.	817,423	Apr. 10	1743	367	121	1800
Faitoute, Charles W., Summit, N. J. Tire.	816,225	Mar. 27	4545	966	121	1147
Faitoute, Charles W., Summit, N. J. Street-railway switch.	826,774	July 24	4256	884-5	123	1130
Faizt, Gustav A., Chicago, Ill. Car-journal-box cover.	824,850	July 3	349	65	123	96
Falconer, David, Utica, Mo. Snout-piercing tool.	823,519	June 19	2623	551	122	2406
Falk, George, and W. H. Parker, Cardiff, Ill. Safety-hook.	810,928	Jan. 30	4737	988	120	1189
Falk, John, Dewitt, Iowa. Stock-fountain.	822,440	June 5	402	83	122	1812
Falk, John, Dewitt, Iowa. Stock-fountain.	838,246	Dec. 11	1973	422	125	1888
Falkenberg, Richard A., and S. S. Simon, San Francisco, Cal. Insulator.	814,567	Oct. 30	5339	1134-5	124	2697
Falkenrath, Albert, Racine, Wis. Spring-hinge.	824,923	July 3	496	98	123	132
Falkner, Elmer D., Cumberland, Wis. Puzzle.	828,880	Aug. 21	2380	507	123	2323
Falkner, James W., and H. M. Foust, Rossville, Kans.; said Foust assignor to said Falkner. Trace-carrier.	837,817	Dec. 4	1065	238	125	1618
Fallek, Joseph, New York, N. Y. Hot-blast apparatus.	815,915	Mar. 20	3922	830	121	959
Faller, Ernest A., New York, N. Y. Visual-signal-receiving system.	822,888	June 5	1299	267-8	122	2010
Faller, Ernest A., New York, N. Y. Amusement device.	831,149	Sept. 18	2527	533	124	689
Faller, Ernest A., and O. A. Danielson, New York, N. Y. Automatic telephone-key.	824,291	June 26	4073	871	122	2779
Fallis, Elizabeth A., and W. L. Bateman, St. Louis, Mo. Skirt-marker.	824,851	July 3	351	65	123	97
Fallon, Margaret, et al. (See Schenck, August, assignor.)						
Fallows, Edward H., trustee. (See Silvera, Herbert A., assignor.)						
Fallows, Edward H., trustee. (See Thompson, James S., assignor.)						
Falls, Charles H., Clarksville, Iowa. Bridle-bit.	809,364	Jan. 9	1524	309	120	370
Falls Rivet and Machine Company. (See Wadsworth, George H., assignor.)						
Falt, Fred A., West Medford, Mass. Pipe-cleaner.	808,826	Jan. 2	400	87	120	89
Falter, Richard, New York, N. Y. Fabric-coating machine.	836,743	Nov. 27	3702	790	125	1047
Falvey, Humphrey, Parkville, Long Island, N. Y. Filing-case.	835,670	Nov. 13	1568	335	125	439
Falvey, Walter E., Boston, Mass. Parlor bowling-alley.	831,218	Sept. 18	2652	557	124	719
Fancher, Charles J., West Granby, Conn., assignor to Simplex Manufacturing Company, New York, N. Y. Safety-valve.	813,145	Feb. 20	3261	717	120	2287
Fancher, Charles J., West Granby, assignor to Simplex Manufacturing Company, Hartford, Conn. Machine for operating abrading or cutting tools.	832,369	Oct. 2	700	134-5	124	1381
Fancher, Charles J., West Granby, Conn., assignor to Simplex Manufacturing Company, New York, N. Y. Tool-holder.	836,376	Nov. 20	2927	622	125	823
Fancher, Charles J., and H. S. Parmelee, West Granby, assignors to Simplex Manufacturing Company, Hartford, Conn. Envelop-sealing machine.	812,263	Feb. 13	1524	332-3	120	1872
Fancher, Eugene M., assignor to Columbia Heating Company, Chicago, Ill. Furnace for steam or hot-water heating systems.	834,972	Nov. 6	180	38-9	125	47
Fancher, Reuben, Crown Point, Ind. Securing photographs, name and record tablets to monuments and grave-markers.	822,106	May 29	6231	1328	122	1621
Fanning, Charles E., Davenport, Iowa, assignor of one-half to H. C. First, Moline, Ill. Automatic train-operated railway-gate.	828,308	Aug. 14	1245	262	123	2004
Fanning, Frederick F. (See Mumford, John F., assignor.)						
Fanton, Chester W., Wellsville, N. Y., assignor to Oil Well Supply Company, Pittsburg, Pa. Temper-screw.	812,487	Feb. 13	1949	430	120	1963

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Farbenfabriken of Elberfeld Co. (See Eichengrün, Arthur, assignor.)						
Farbenfabriken of Elberfeld Co. (See Eichengrün and Becker, assignors.)						
Farbenfabriken of Elberfeld Co. (See Engelmann, Max, assignor.)						
Farbenfabriken of Elberfeld Co. (See Fischer, Emil, assignor.)						
Farbenfabriken of Elberfeld Co. (See Hofmann, Fritz, assignor.)						
Farbenfabriken of Elberfeld Co. (See Kugel, Max, assignor.)						
Farbenfabriken of Elberfeld Co. (See Schmidt, Robert E., assignor.)						
Farbenfabriken of Elberfeld Co. (See Schmidt, Robert E., assignor.) (Reissue.)						
Farbenfabriken of Elberfeld Co. (See Schmidt and Thun, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Bauer, Wilhelm, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Berendes, Rudolph, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Günther, Oscar, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Schmidt and Tust, assignors.)						
Farber, William, Long Prairie, assignor of one-half to A. Fitzer, Ramsey county, Minn.						
Threshing-machine tongue.....	816,572	Apr. 3	32	9	121	1361
Farwerke vorm. Meister, Lucius & Brüning. (See Einhorn, Alfred, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Ernst, Otto, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Fussgänger, Victor, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Homolka and Erber, assignors.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Keil, Gustav, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Kuchenbecker, Adolf, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Müller, Rudolf, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Oppermann, Erich, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Schirmacher Karl, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Schirmacher and Schmidt, assignors.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Schirmacher, Schmidt, Pretzell, and Schumacher, assignors.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Schmidt, Albrecht, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Schmidt and Kronholz, assignors.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Schmidt and Schirmacher, assignors.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Scholl, Franz, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Stolz, Friedrich, assignor.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Stolz and Kerndörfer, assignors.)						
Farwerke, vorm. Meister, Lucius & Brüning. (See Stolz and Reuter, assignors.)						
Perez, Christ, Renova, Pa. Body-support for cars and like vehicles.....	830,702	Sept. 11	1662	341	124	448
Fargo, Edward B., Mattoon, assignor of two-thirds to J. H. Radke and H. J. Eaton, Milwaukee, Wis. Car-axle journal-box.....	838,094	Dec. 11	1643	354	125	1808
Farish, Edward A., St. Louis, Mo. Game apparatus.....	839,278	Dec. 25	3965	852	125	2465
Farish, Edward A., St. Louis, Mo., and E. W. McClure, Quincy, Ill. Clothes-hanger.....	815,338	Mar. 20	2725	568	121	699
Farjas, Henri, Paris, France. Apparatus for application of salts of radium.....	839,061	Dec. 18	3486	754	125	2302
Farland, Alfred A., Plainfield, N. J. Key for stringed instruments.....	814,682	Mar. 13	1395	290	121	365
Farleigh, George M., Rossland, assignor to C. E. Heard, Victoria, British Columbia, Canada. Truss.....	812,031	Feb. 6	1011	221	120	1694
Farley, George R. (See Pfeiffer, Joseph A., assignor.)						
Farley, John P., assignor of one-half to A. A. Prier, Kansas City, Mo. Dry-pan floor-drain.						
Farlow Draft Gear Company. (See Wright and Farlow, assignors.)						
Farlow, James, assignor of one-half to J. Manley, Anderson, Ind. Car-coupling.....	824,239	June 26	3985	853	122	2760
Farlow, John H. (See Wright and Farlow.)						
Farlow, John S., Salisbury, Md. Air-brake coupling.....	818,155	Apr. 17	3205	689	121	2172
Farman, Jesse H., Omaha, Nebr. Vehicle-brake.....	834,373	Oct. 30	4993	1056	124	2610
Farmer, Albert H., Devonport, New Zealand. Steam-valve.....	821,867	May 29	5776	1230-1	122	1518
Farmer, Charles, Nottingham, England. Multiple embroidering-machine.....	831,046	Sept. 18	2299	486-7	124	640
Farmer, Clyde C. (See Mason and Farmer.)						
Farmer, Clyde C., Chicago, Ill., assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Load-brake apparatus.....	836,105	Nov. 20	2372	500-1	125	686
Farmer, Clyde C., Chicago, Ill., assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Testing device for triple valves.....	838,311	Dec. 11	2078	449	125	1913
Farmer, Edwin T., assignor of one-half to J. Ruhl, Carthage, Mo. Flour-sifter.....	809,178	Jan. 2	1092	227	120	240
Farmer, George W. (See Halliday, William G., assignor.)						
Farmer, John P., Portland, Oreg. Automatic regulator for ovens.....	817,106	Apr. 3	1089	226	121	1600
Farmer, Matthew S., Washington, D. C. Switch.....	816,308	Mar. 27	4705	998	121	1182
Farmer, Silas E., Cincinnati, Ohio. Muffler.....	832,124	Oct. 2	208	42	124	1264
Farmer, Theodore P., Southwest Harbor, Me., assignor to Protective Tread Company, Boston, Mass. Safety-tread.....	838,247	Dec. 11	1974	422	125	1888
Farmer Willard J., Milwaukee, Wis. Fish stringer and carrier.....	827,855	Aug. 7	329	70	123	1752
Farmer, William B., New York, N. Y. Banjo.....	833,517	Oct. 16	3017	646	124	2042
Farnell, William H., Wallingford, Vt. Tonges.....	835,351	Nov. 6	955	203	125	241
Farnham, Bion B., Niagara Falls, N. Y. Suction-box.....	839,279	Dec. 25	3966	852	125	2465
Farnham, Frank E., Providence, R. I. Pin and joint.....	834,895	Nov. 6	37	8	125	13
Farnham, Philip W. (See Adams, Harry W., assignor.)						
Farnham, Schuyler E., assignor, by mesne assignments, to National Mfg. & Mailing Co., Racine, Wis. Power-transmitting gear.....	825,815	July 10	2336	487	123	616
Farnham, Stephen H., Chicago, Ill. Type-writer.....	831,047	Sept. 18	2303	487	124	642
Farnham, Stephen H., Chicago, Ill. Type-writer.....	831,502	Sept. 18	3195	676	124	859
Farnoff, Henry, Buffalo, N. Y. Inverted incandescent gas-burner.....	813,042	Feb. 20	3033	668	120	2236
Farnoff, C. I. (See Richards, James, assignor.)						
Farnsworth, John M., Cherryvale, Kans. Link, hook, and tongue for pull-rods.....	826,775	July 24	4258	885	123	1130
Farnsworth, William, Nottingham, M. Rogers, London, and R. Duke, Nottingham, England. Safety-brake for elevator-cages.....	835,018	Nov. 6	284	62	125	74
Farnum, William C., Arlington, Vt., assignor to Wyckoff, Seamans & Benedict, Iilon, N. Y. Type-writing machine.....	824,418	June 26	4343	924	122	2833
Farquhar Company, A. B. (See Eisenhart, Henry W., assignor.)						
Farquhar, Moubray G. (See Thorneycroft, Farquhar, and Hill.)						
Farrall, George A., assignor to Johnston Harvester Company, Batavia, N. Y. Draft-equalizer.....	832,782	Oct. 9	1541	315	124	1623
Farrand, Dudley, Newark, N. J. Spring-wheel.....	817,235	Apr. 10	1364	287	121	1722
Farrand, Hiram A., New York, N. Y. Camera.....	813,633	Feb. 27	4229	929-30	120	2554
Farrand, Hiram A., New York, N. Y. Camera.....	815,584	Mar. 20	3210	675-6	121	806
Farrand, Hiram A., New York, N. Y. Apparatus for producing moving pictures.....	822,730	June 5	1008	205-6	122	1950
Farrant, Alfred A., Cincinnati, Ohio. Lady's and child's hose.....	830,775	Sept. 11	1803	373	124	484
Farrar, Charles F., Howell, Mich., assignor to E. L. Harrington, Glens Falls, N. Y., and J. A. Farrar, Howell, Mich. Rural mail-box.....	815,585	Mar. 20	3212	876	121	807
Farrar, Charles H., Lilly Dale, N. Y. Fruit and vegetable slicer and grater.....	820,857	May 15	3713	792	122	946
Farrar, James H., Passaic Junction, N. J. Swivel-loom.....	815,152	Mar. 13	2312	484	121	560
Farrar, Julia A., et al. (See Farrar, Charles F., assignor.)						
Farrell, Arthur J., Litchfield, Ill. Sad-iron.....	826,554	July 24	3828	793	123	1018

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Farrell, John, Newton, N. J., assignor of one-fourth to J. A. Watson, Washington, D. C. Machine for making baskets.	828,278	Aug. 7	1154	242-3	123	1951
Farrell, John, Newton, N. J., assignor of one-fourth to J. A. Watson, Washington, D. C. Machine for making baskets.	828,279	Aug. 7	1165	244-6	123	1955
Farrell, John H., Chicago, Ill. Knockdown support.	811,209	Jan. 30	5288	1106	120	1308
Farrell, Lansing. (See Farrell, Walter H., assignor.)						
Farrell, Philip H., Flushing, N. Y. Dop.	812,836	Feb. 20	2636	576	120	2149
Farrell, Walter H., assignor of one-half to L. Farrell, Huntington, W. Va. Shade and curtain fixture.	836,247	Nov. 20	2687	571	125	764
Farrington, Alexander G. (See Doak and Farrington.)						
Farrington, Charles B., assignor of one-fourth to S. T. Lockwood, Brooklyn, N. Y. Screw.	824,983	July 3	618	124	123	162
Farrington, Charles O., and T. Watson, Sealy, Tex. Vaginal irrigator.	837,459	Dec. 4	366	85	125	1447
Farrington, Harvey, Yonkers, N. Y. Apparatus for preparing wire-tapering cylinders.	832,304	Oct. 2	583	110	124	1354
Farron, Elie A., Chicago, Ill., assignor of one-half to E. E. Bell, Glenridge, N. J. Shaving-brush.	825,448	July 10	1561	322	123	426
Farrow, Franklin, Brooksville, Me. Method of and apparatus for compacting peat and other materials.	834,568	Oct. 30	5341	1135	124	2698
Farwell, Fay O., Dubuque, Iowa. Gas-engine.	831,048	Sept. 18	2310	488	124	643
Farwell, Fay O., assignor of one-half to Adams Company, Dubuque, Iowa. Current-controller for igniting devices for hydrocarbon-engines.	816,083	Mar. 27	4274	906	121	1090
Farwell, O. M. (See Hoehe and Denzer, assignors.)						
Fasoldt, Alvin J. (See Kelleman, Fasoldt, and Triebel.)						
Fassett, Francis K., assignor to S. G. Scarritt, St. Louis, Mo. Car-seat.	825,816	July 10	2339	487	123	616
Fassett, Francis K., St. Louis, Mo., assignor, by mesne assignments, to W. M. Scott, Philadelphia, Pa. Switch.	829,917	Aug. 28	4571	962-3	123	2915
Fassett, Riley D., assignor of one-half to W. H. Neff, Denver, Colo. Grinding-machine.	812,122	Feb. 6	1168	256-7	120	1726
Fassett, Riley D., assignor of one-half to W. H. Neff, Denver, Colo. Pocket-rule holder.	816,544	Mar. 27	5220	1107	121	1293
Fassett, Riley D., assignor of one-half to W. H. Neff, Denver, Colo. Indicating mechanism.	824,852	July 3	352	66	123	97
Fassig, J. R. (See Leight, Frederick J., assignor.)						
Fatch, Leonard E., Crown Point, Ind. Fork.	827,856	Aug. 7	330	70	123	1752
Fate, Michael. (See Homier, John, assignor.)						
Fatkin, Edward S., and E. B. Ertzman, Pittsburg, Pa. Game apparatus.	821,348	May 22	4748	1010	122	1236
Fatzinger, Edward F., Springfield, Ohio. Slat for endless aprons.	820,632	May 15	3242	697	122	843
Faught, John E., assignor of one-half to O. H. Difendardier, Columbia City, Ind. Furniture-fastener.	834,462	Oct. 30	5146	1093	124	2649
Faulds, John, Chicago, Ill., assignor to Middleby Oven Manufacturing Company. Bake-oven.	819,417	May 1	771	165-6	122	174
Faulk, James M., assignor of two-sixths to W. Frazee, St. John, Kans., and D. J. Smith, Cuevo, N. Mex. Ter. Automatic railway-switch.	808,827	Jan. 2	401	87-8	120	89
Faulkner, Lynn. (See Crowe, Samuel L., assignor.)						
Faulkner, Charles H., Somerville, assignor to Champion Metal Weather Strip and Parting Bead Company, Boston, Mass. Window attachment.	810,735	Jan. 23	4322	898	120	1066
Faulkner, Clay, McMinnville, Tenn. Rotary axle.	831,219	Sept. 18	2653	558	124	719
Faulkner, Frank J., Lynn, Mass. Ball-winding machine.	830,703	Sept. 11	1663	341	124	449
Faultless Rubber Company. (See Campbell, Charles E., assignor.)						
Faure, Jean M. A., Limoges, France. Machine for decorticating ramie and other fibrous plants.	835,412	Nov. 6	1087	235	125	274
Faust, Karl I., Cleveland, Ohio. Running-gear for baby-carriages.	819,694	May 1	1301	283	122	292
Faust, Karl I., Cleveland, Ohio. Device for caring for infants.	822,889	June 5	1304	268-9	122	2011
Faust, Levin, and W. A. Brolin, Rockford, Ill. Sectional bookcase.	835,507	Nov. 13	1259	270	125	362
Faust, Levin, and W. A. Brolin, Rockford, Ill. Sectional bookcase.	835,508	Nov. 13	1260	270-1	125	362
Faust, Levin, and W. A. Brolin, Rockford, Ill. Sectional bookcase.	837,293	Dec. 4	40	12-13	125	1364
Faust, William H., et al. (See Gray, Jesse L., assignor.)						
Faut, Delbert A., Chicago, Ill. Car-step.	811,911	Feb. 6	726	158-9	120	1639
Faut, Delbert A., Chicago, Ill. Car-step.	826,926	July 24	4555	947	123	1203
Favors, Alva. (See Ippenlatz, Louis N., assignor.)						
Fawcett, Chester C., New Albany, Ind. Throttle-valve.	836,023	Nov. 13	2196	471	125	590
Fawcett, Percy W., Sheffield, England. Twist-drill.	824,346	June 26	4177	893	122	2801
Fawcett, Percy W., and F. L. W. Bellhouse, Sheffield, England. Pneumatic tire.	820,104	May 8	2218	482	122	558
Fawcett, William N., assignor of two-thirds to M. Bernhard and M. Burckheimer, New York, N. Y. Burglar-alarm.	819,873	May 8	1670	359	122	438
Fawell, Joseph, Pittsburg, Pa. Blowing-engine.	834,512	Oct. 30	5245	1114	124	2675
Fay, Alpheus, Louisville, Ky. Centrifugal butter-separator.	835,352	Nov. 6	956	204	125	241
Fay, Alpheus, Louisville, Ky. Apparatus for treating butter.	835,488	Nov. 6	1211	262	125	304
Fay, Alpheus, assignor of two-thirds to L. L. Solomon, Louisville, Ky. Butter-separator.	825,897	July 17	2488	518	123	664
Fay, Alpheus, Louisville, Ky., assignor of one-half to W. B. Jones, Cincinnati, Ohio. Butter-separator.	826,839	July 24	4382	912	123	1160
Fay, Owen H., Chicago, Ill. Battery-plate.	820,040	May 8	2079	453	122	527
Feagans, Anna, Chicago, Ill. Hook.	830,704	Sept. 11	1667	342	124	449
Fearington, Fred S., New York, N. Y. Life-net.	817,107	Apr. 3	1089	226	121	1600
Fears, John, assignor of two-thirds to J. F. Carter and H. L. Bussey, Timpson, Tex. Gate.	821,793	May 29	5648	1203	122	1490
Feather, Nicholas B., Newark, N. J. Testing device for plumbers, &c.	836,874	Nov. 27	3940	841-2	125	1109
Featherstone Foundry and Machine Company. (See Niles, Francis H., assignor.)						
Febles, Ramon, Harrisburg, Pa. Tool.	813,412	Feb. 27	3786	831	120	2455
Fechtenburg, Andreas V. R., New York, N. Y. Telephone-signal.	818,675	Apr. 24	4256	915	121	2452
Fechtig, Albert C., New York, N. Y. Musical toy.	819,051	May 1	31	7	122	10
Fecker, Gottlieb L. (See Swasey and Fecker.)						
Fedden, John H., New York, N. Y., assignor of one-half to T. A. O'Callaghan, Hoboken, N. J. Stocking.	812,168	Feb. 6	1299	284	120	1754
Feder, Harry, New York, N. Y. Waterproofing twine.	812,837	Feb. 20	2637	-----	120	2149
Feder, Harry, New York, N. Y. Moisture-proof structure.	816,226	Mar. 27	4546	966	121	1147
Federal Construction Company. (See Strickler, William H., assignor.)						
Federal Electric Company. (See Goehst, John H., assignor.)						
Federal Gas Company. (See Williams, Charles O., assignor.)						
Federal Ice Company. (See Holden, Daniel L., assignor.)						
Federal Marking Machine Company. (See Sheetz, William J., assignor.)						
Fedick, Edward A. (See Johengen and Fedick.)						
Fedran, John, East Pittsburg, Pa. Combination furniture.	821,349	May 22	4750	1010	122	1237
Feeback, Edwin G., assignor to M. C. Lilley & Company, Columbus, Ohio. Closet-tank casing.	824,853	July 3	355	66	123	98
Feely, William C., New York, N. Y. Commode.	818,821	Apr. 24	4565	979	121	2518
Feeny, Edmund J., assignor to Ottawa Banking & Trust Company, Ottawa, Ill. Packing for fluid-pump pistons.	832,726	Oct. 9	1426	288	124	1596

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Orig.	Vol.	Page.
Feeny, Edmund J., assignor to Ottawa Banking & Trust Company, Ottawa, Ill. Self-cleaning pump.	834,569	Oct. 30	5344	1135	124	2698
Fefel, John E., Middletown, Conn., assignor to United States Felling Machine Co. Blind-stitch sewing-machine.	826,094	July 17	2879	597	123	766
Fefel, John E., Philadelphia, Pa., assignor to United States Felling Machine Company. Feed mechanism for sewing-machines.	826,497	July 17	3694	765	123	971
Fegley, Thomas J., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Ice-cream freezer.	834,198	Oct. 23	4618	981	124	2471
Fehr, William, Philadelphia, Pa., assignor to Steel Heddle Manufacturing Company. Heddle-frame for looms.	837,264	Nov. 27	4737	1003	125	1301
Fehrenbach, Charles. (See Hope and Robinson, assignors.)						
Feierabend, John A., Braddock, Pa. Switch-throwing device.	836,493	Nov. 20	3163	671	125	889
Feigly, David, deceased; C. Brosey, Medway, Ohio, administrator. Nursery tree-digger.	815,901	Mar. 20	3898	825	121	954
Feilcke, Adolf, Charlottenburg, Germany. Watch.	809,290	Jan. 9	1368	278	120	336
Feiling, Frank J., San Francisco, Cal. Butter-cutter.	826,716	July 24	4151	863	123	1102
Feinblatt, Adolf, assignor of one-half to S. Jasgur, New York, N. Y. Machine for making leather straps and belts.	823,269	June 12	2120	442	122	2239
Feiner, Eugene J. (See Hamann, Richard W., assignor.)						
Feist, Felix L., Barclay, Tex. Wire-stretcher.	817,907	Apr. 17	2716	589	121	2065
Feist, Theodore. (See Cramer, John, assignor.)						
Feister, Charles, Ardsley, N. Y. Ice-creeper.	822,662	June 5	864	177	122	1919
Feland, Joseph E., et al. (See Swallow, Fredric, assignor.)						
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	809,675	Jan. 9	2164	447	120	507
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	815,339	Mar. 20	2726	568-9	121	699
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	815,340	Mar. 20	2734	570	121	702
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	835,509	Nov. 13	1262	271	125	363
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	837,920	Dec. 11	1273	279	125	1713
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	838,396	Dec. 11	2248	486	125	1955
Feld, Simon, New York, N. Y. Measuring-stand.	832,049	Oct. 2	44	11	124	1223
Feld, Walther, Hönningen-on-the-Rhine, Germany. Apparatus for subjecting gases to the action of liquids.	829,261	Aug. 21	3185	670	123	2529
Feld, Walther, Hönningen-on-the-Rhine, Germany. Treating coal-gas for extracting tar, water, and ammonia.	830,983	Sept. 11	2168		124	575
Feld, Walther, Hönningen-on-the-Rhine, Germany. Production of ferrocyanids from gas.	832,466	Oct. 2	903		124	1429
Feld, Walther, Hönningen-on-the-Rhine, Germany. Extraction of ammonia from gas.	837,045	Nov. 27	4326		125	1200
Feld, Walther, Hönningen-on-the-Rhine, Germany. Production of ammonium nitrate.	839,741	Dec. 25	4903		125	2695
Feldkircher, Louis J., Nashville, Tenn. Refrigerator.	836,106	Nov. 20	2376	502	125	687
Feldman, Harry E., assignor of one-half to E. V. Martin, Chicago, Ill. Hat-holder.	831,849	Sept. 25	3927	821	124	1086
Feldmann, Louis, Jr., St. Louis, Mo. Hanger for picture-frames.	821,159	May 22	4371	930	122	1152
Feldmeier, Harvey, assignor to D. H. Burrell & Company, Little Falls, N. Y. Apparatus for heating or cooling liquids.	838,853	Dec. 18	3113	671	125	2212
Feldschau, William. (See Bauer, Joseph H., assignor.)						
Felger, William, West Unity, Ohio. Shade and curtain fixture.	825,306	July 10	1230	259	123	339
Felgner, Charles W. (See Wensinger, Andrew A., assignor.)						
Felker, Melancthon O., Chicora, Pa. Whip.	829,392	Aug. 28	3450	726	123	2639
Felkin, Mario L., Winthrop, Mass. Illuminated sign.	822,593	June 5	731	147	122	1889
Fell, Henry L., Battle Creek, Mich. Fence-post.	816,719	Apr. 3	336	78	121	1435
Fellenberg, Wilhelm, Charlottenburg, Germany. Inclosed safety device for fuses for electrical installations.	813,546	Feb. 27	4057	889	120	2518
Fellers, William A., Chester, Nebr. Lumber-platform.	838,095	Dec. 11	1644	354	125	1808
Fellows, Allen D., East Auburn, Cal. Gage.	832,962	Oct. 9	1898	395	124	1708
Fellows, Edwin C., assignor to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Electric controller.	839,742	Dec. 25	4905	1048	125	2695
Fellows, Frank H., Middleport, Ohio. Nut-lock.	837,209	Nov. 27	4626	983	125	1274
Fellows, Hugh W. (See Cammett and Fellows.)						
Fellows, Hugh W., and I. A. Cammett, Los Angeles, Cal. Trolley-pole clamp.	835,821	Nov. 13	1856	392	125	513
Fellows, James T., Glenfield, Pa. Display-rack.	837,046	Nov. 27	4327	918	125	1200
Fellows, Jerome B., Somerville, assignor of one-half to E. Spear, Jr., Boston, Mass. Cigar-cutter.	829,199	Aug. 21	3058	641	123	2499
Fellows, Olin S., and A. E. Hopkins, Middletown, N. Y. Apparatus for removing superfluous metallic coating from sheet metal.	810,851	Jan. 23	4537	944-5	120	1112
Fellows, Samuel W. (See Morgan and Fellows.)						
Fells, Noah, Washington, D. C. Show-window.	837,210	Nov. 27	4627	983	125	1274
Fels, August, et al. (See Hurd, Delmar G., assignor.)						
Fels, Max W., et al. (See Hurd, Delmar G., assignor.)						
Felsberg, Frederick W., Dayton, Ky. Stuffing-box.	816,445	Mar. 27	5013	1064	121	1245
Felsberg, Frederick W., Dayton, Ky., assignor to Triumph Ice Machine Company, Cincinnati, Ohio. Valve for ice-machines.	826,555	July 24	3830	793	123	1018
Felsberg, Frederick W., Dayton, Ky., assignor to Triumph Ice Machine Company, Cincinnati, Ohio. Combined stop-cock and expansion-valve.	827,521	July 31	5874	1216	123	1542
Felsberg, Frederick W., Dayton, Ky., assignor to Triumph Ice Machine Company, Cincinnati, Ohio. Valve construction.	827,522	July 31	5876	1216	123	1542
Felsberg, Frederick W., Dayton, Ky., assignor to Triumph Ice Machine Company, Cincinnati, Ohio. Valve-guard.	838,612	Dec. 18	2663	572	125	2100
Felsenthal, Gabriel, Chicago, Ill. Telephone direction-plate.	839,127	Dec. 25	3665	790	125	2393
Felsing, Samuel D., Crookston, Minn., assignor to Indiana Manufacturing Company, Indianapolis, Ind. Pneumatic stacker and stacker attachment for threshing-machines.	821,584	May 22	5200	1110	122	1332
Felt, A. C., et al. (See Dysart, Fred B., assignor.)						
Felt, Charles E., assignor to Electric Specialty Co., Chicago, Ill. Car-axle gearing.	821,631	May 29	5307	1132	122	1414
Felt, Charles E., and D. A. Kimbark, assignors to Electric Specialty Co., Chicago, Ill. Guide for coupling members.	822,514	June 5	560	113	122	1850
Feltmann, Adam W., Chicago, Ill. Dental tool.	809,365	Jan. 9	1525	309	120	370
Felten, David, Parsons, Kans. Air-brake system.	826,322	July 17	3309	683	123	869
Felton, Cromwell, et al. (See Broughton, Chauncey, assignor.)						
Felton, Samuel M. (See Mansfield and Felton.)						
Felton, William C., Mount Vernon, Ind. Tonges.	823,466	June 12	2475	523	122	2314
Feltz, George, and W. S. East, Lima, Ohio. Sewer-pipe.	826,414	July 17	3470	721	123	908
Fender, John B., Kaufman, Tex. Coin-controlled vending-machine.	826,556	July 24	3831	793-4	123	1019
Fenker, Henry C., assignor of one-half to L. Kelemen, Allegheny, Pa. Railway-switch.	839,743	Dec. 25	4908	1049	125	2696

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Fenn, Frank L., Schenectady, N. Y., assignor to General Electric Company. Ceiling-switch.....	839,462	Dec. 25	4327	924	125	2554
Fenn, Prosper D., Chicago, Ill. Stereoscope.....	810,401	Jan. 23	3681	758	120	922
Fenn, William B., Sheephead Bay, N. Y. Closure device for glass jars and other vessels.....	810,736	Jan. 23	4323	898	120	1066
Fenn, William B., Sheephead Bay, N. Y. Metallic can.....	810,737	Jan. 23	4324	899	120	1067
Fenn, William B., Sheephead Bay, N. Y. Closure device for bottles, jars, and other vessels.....	816,720	Apr. 3	338	78	121	1435
Fenn, William B., Sheephead Bay, N. Y. Machine for making fibrous packings.....	819,269	May 1	476	98-100	122	111
Fenn, William B., Sheephead Bay, N. Y. Closure device for jars, bottles, and similar vessels.....	831,271	Sept. 18	2766	584	124	750
Fenn, William B., Sheephead Bay, assignor to O. Bunke, New York, N. Y. Lath and facing tile.....	830,313	Sept. 4	834	171	124	209
Fenn, William B., Sheephead Bay, assignor to O. Bunke, New York, N. Y. Building brick or block and facing therefor.....	833,736	Oct. 23	3478	742	124	2190
Fenn, William H. (See Canfield, Frank, assignor.)						
Fenn, Wilson L., Hartford, Conn., assignor to Triumph Voting Machine Company. Voting-machine.....	831,659	Sept. 25	3545	747-9	124	988
Fennell, Charles, Cynthia, Ky. Photographic developing apparatus.....	834,463	Oct. 30	5148	1093	124	2649
Fennell, William, and W. P. Perry, Leytonstone, England. Storage battery.....	810,929	Jan. 30	4739	988	120	1189
Fennell, William, and W. P. Perry, Leytonstone, England. Storage battery.....	810,930	Jan. 30	4739	989	120	1190
Fenner, George P., New London, Conn. Inking arrangement for printing-presses.....	818,238	Apr. 17	3381	725-6	121	2209
Fenner, Irvin R., San Francisco, Cal. Trousers-press.....	817,108	Apr. 3	1091	227	121	1600
Fenner, Nicholas P., Jr. (See Nugent, Richard C., assignor.)						
Fennimore, Watson D., San Francisco, Cal. Eyeglass spring and attachment.....	826,236	July 17	3140	652	123	827
Fensky, Charles, St. Louis, Mo. Non-refillable bottle.....	813,547	Feb. 27	4059	889	120	2518
Fenstermacher, Christian G., Philadelphia, Pa. Massage-machine.....	838,096	Dec. 11	1645	354	125	1809
Fenstermaker, Emanuel L., assignor of one-third to A. H. Powden, Lancaster, Pa. Car-brake.....	830,476	Sept. 4	1165	244	124	288
Fenton, Ephraim H., Kansas City, Mo. Pneumatic dust removing and collecting apparatus.....	814,837	Mar. 13	1685	352-3	121	427
Fenton, Ephraim H., Kansas City, Mo. Machine for making mops.....	820,561	May 15	3129	673	122	818
Fenwick, Thomas, New York, N. Y. Rail-protector.....	831,942	Sept. 25	4131	861	124	1136
Feraro, Angelo, Brooklyn, N. Y. Non-refillable bottle.....	817,700	Apr. 10	2251	484	121	1906
Ferchen, Henry E., assignor of one-half to A. Easier, Vancouver, British Columbia, Canada. Feed-water filter.....	834,464	Oct. 30	5150	1094	124	2650
Ferdinand, Anthony B., Wauwatosa, Wis. Guide-pulley.....	819,874	May 8	1672	359	122	438
Ferdinand, Anthony B., Milwaukee, Wis. Means for actuating signals.....	820,041	May 8	2080	453-4	122	527
Ferdon, Guy W., New York, assignor to Silver & Company, Brooklyn, N. Y. Hydro-carbon-burner wick.....	832,305	Oct. 2	587	110-11	124	1354
Ferg, Francis X., Media, Pa. Capital for columns.....	832,467	Oct. 2	904	174	124	1429
Ferguson, Archibald P., Pocahontas, Va. Line-stretcher.....	826,776	July 24	4260	885	123	1131
Ferguson, Chapin A. (See Kindig and Ferguson.)						
Ferguson, Clifton R. and O. G. Micanopy, Fla. Fish-trap.....	836,248	Nov. 20	2688	571	125	765
Ferguson, George W. (See Ferguson, Joseph W. and G. W.)						
Ferguson, Harry C., assignor to Vacuum Storage Cask Company, Canton, Ohio. Vacuum preserving-receptacle.....	815,081	Mar. 13	2158	455	121	526
Ferguson, Hubert S. (See Cummins and Ferguson.)						
Ferguson, Hugh G., assignor to United States Incandescent Lamp Company, St. Louis, Mo. Sealing-in machine.....	833,131	Oct. 9	2224	469	124	1792
Ferguson, James, assignor to Kelvin & James White, Limited, Glasgow, Scotland. Electrostatic voltmeter.....	809,793	Jan. 9	2376	491	120	555
Ferguson, James A., et al. (See Tate, Hugh J., assignor.)						
Ferguson, James J., and S. P. Oswald, Nashville, Tenn. Sack-filling machine.....	812,335	Feb. 13	1662	365-6	120	1904
Ferguson, James W., Sandusky, Ohio. Elastic-fluid turbine.....	826,927	July 24	4556	948	123	1203
Ferguson, Jay A., Chicago, Ill. Drip attachment for faucets.....	831,713	Sept. 25	3676	769	124	1025
Ferguson, John, Hoboken, N. J. Furnace-grate.....	830,705	Sept. 11	1068	342-4	124	450
Ferguson, John A., Denver, Colo. Press for concrete building-blocks.....	812,416	Feb. 13	1320	398-9	120	1936
Ferguson, John A., Denver, Colo. Wall.....	822,594	June 5	733	148	122	1889
Ferguson, John A., Denver, Colo. Building block and wall.....	826,777	July 24	4261	886	123	1131
Ferguson, John A., Denver, Colo. Fireproof-building construction.....	836,310	Nov. 20	2810	596	125	797
Ferguson, John H., Indianapolis, Ind. Lamp-burner attachment.....	837,211	Nov. 27	4629	984	125	1274
Ferguson, John W., Bloomfield, N. J. Brush.....	823,520	June 19	2624	551-2	122	2406
Ferguson, John W., Bloomfield, N. J. Sad-iron.....	826,415	July 17	3471	721	123	908
Ferguson, Joseph W. and G. W. Vangaratia, Victoria, Australia. Brickmaking-machine.....	837,818	Dec. 4	1066	238	125	1618
Ferguson, Nelson, Ben Avon, Pa. Snatch-block.....	821,407	May 22	4881	1036	122	1265
Ferguson, Owen G. (See Ferguson, Clifton R. and O. G.)						
Ferguson, Ples F. (See Pelham, Walter O., assignor.)						
Ferguson, R. G. (See Wightman, Bishop, and Anderock, assignors.)						
Ferguson, Robert H., East Orange, N. J., assignor to E. R. Squibb & Sons. Closure for ether-receptacles and the like.....	838,969	Dec. 18	3307	715	125	2255
Ferguson, Samuel B., and C. Calhoun, Rome, Miss. Rail-tie.....	810,633	Jan. 23	4146	857	120	1026
Ferguson, William C. (See Ward, Wilfred B., assignor.)						
Ferguson, Alan R., New York, N. Y. Bracket.....	815,947	Mar. 27	3978	843	121	1023
Ferland, Napoleon H., assignor of one-third to J. A. Choquette, Manchester, N. H. Automatic fire-alarm.....	814,123	Mar. 6	247	47	121	55
Fern, Mary V., Milford, Ohio. Comb-cleaner.....	829,705	Aug. 28	4136	875	123	2807
Fern, William H., Scranton, Pa. Safety device for elevators.....	819,052	May 1	34	7-8	122	11
Fern, William H., and S. D. Roberts, Scranton, Pa. Pencil-sharpener.....	832,050	Oct. 2	45	11-12	124	1224
Fernald, Charles F., Roxbury, assignor to Star Brass Manufacturing Co., Boston, Mass. Illuminated dial.....	818,822	Apr. 24	4567	979	121	2519
Fernald, Ulysses G., Camden, Me. Steam-turbine.....	838,531	Dec. 18	2509	543	125	2063
Fernan, Walter S., New York, N. Y. Phonograph-horn.....	829,066	Aug. 21	2758	580	123	2420
Fernandez, Anthony, Dunkirk, N. Y. Taper-boring machine.....	816,854	Apr. 3	609	127-8	121	1494
Fernandez, Julius. (See Hayes and Fernandez.)						
Fernwell, George, assignor to Metal Stamping Company, New York, N. Y. Water-cooling device.....	830,423	Sept. 4	1056	220	124	260
Ferracioli, John, New York, N. Y. Grate and fixtures therefor.....	825,713	July 10	2157	450	123	572
Ferrainolo, Egidio, et al. (See Liaci, Cosmo, assignor.)						
Ferranti, Sebastian Z. de, Hempstead, London, England. Generator and superheater.....	828,202	Aug. 7	1004	209	123	1916
Ferranti, Sebastian Z. de, London, England. Compression of elastic fluids.....	832,783	Oct. 9	1542	315-17	124	1623
Ferranti, Sebastian Z. de, London, England. Compression of elastic fluids.....	832,784	Oct. 9	1546	317-18	124	1624
Ferree, Harry G., et al. (See Fry, Hugh B. and T. B., assignors.)						
Ferrell, Joel S., and J. Stillwell, Mason, W. Va. Rail-joint.....	826,840	July 24	4386	913	123	1161
Ferrell, T. V. (See Smyth, John M., assignor.)						
Ferrell, Thomas J. (See Tonkin, John C., assignor.)						
Ferren, Myron J., Washington, D. C. Can-opener.....	836,744	Nov. 27	3705	790	125	1048
Ferren, Myron J., Washington, D. C. Furnace attachment.....	836,745	Nov. 27	3708	791	125	1049

Alphabetical list of patentees—Continued.

Name, residence, and invention	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Ferres, Jeffrey T., assignor to J. W. Seifen Manufacturing Company, Anderson, Ind., and Chicago, Ill. Corrugated paper-board.	825,307	July 10	1232	259	123	339
Ferres, Nana A., Johnstown, N. Y. Curtain-fastener.	817,477	Apr. 10	1858	390-1	121	1824
Ferries, James, Fearsall, Tex. Pump.	833,160	Oct. 16	2289	481	124	1854
Ferriott, Charles L., assignor to M. H. Logan, Taylor, Tex. Insect-exterminator.	830,143	Sept. 4	486	98	124	122
Ferris, Alonzo K., New York, N. Y. Game apparatus.	830,424	Sept. 4	1058	220	124	261
Ferris, Elmer C. (See Rousseau and Ferris.)						
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Wagon.	809,912	Jan. 9	2597	534-5	120	604
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Wagon.	809,913	Jan. 9	2599	535	120	605
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Wheel.	815,520	Mar. 20	3095	646	121	782
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Feed and litter carrier.	815,521	Mar. 20	3096	646-7	121	782
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Hay-carrier.	826,095	July 17	2883	597-8	123	767
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Hay-carrier.	835,185	Nov. 6	623	126-7	125	158
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Hay-carrier.	835,186	Nov. 6	624	127-8	125	158
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Track.	837,819	Dec. 4	1069	238	125	1619
Ferris, Howard J., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Wagon.	835,785	Nov. 13	1787	379	125	495
Ferris, Howard J., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Stretcher for woven-wire fences.	835,786	Nov. 13	1789	379	125	496
Ferris, Thomas A., Waxahachie, Tex. Cabinet.	821,350	May 22	4751	1010-11	122	1237
Ferris, Walter. (See Knox and Ferris.)						
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Railway-car truck.	809,435	Jan. 9	1685	346-7	120	402
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Dipper for dredges, excavators, and the like.	809,436	Jan. 9	1686	347	120	403
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Composite boom for steam-shovels and the like.	812,264	Feb. 13	1531	334	120	1874
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Rope-fastening for winding-drums.	823,401	June 12	2354	495	122	2288
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Excavating machinery.	826,096	July 17	2884	598-9	123	767
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Boom-guy for steam-shovels and the like.	827,300	July 31	5337	1106-7	123	1411
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Excavating machinery.	836,249	Nov. 20	2689	571-2	125	765
Ferris, Walter, and F. E. Bager, assignors to Bucyrus Company, South Milwaukee, Wis. Operating mechanism for excavators, dredges, and the like.	816,573	Apr. 3	33	9-10	121	1361
Ferris, Walter, and W. E. Magie, assignors to Bucyrus Company, South Milwaukee, Wis. A-frame.	827,794	Aug. 7	217	43	123	1725
Ferris, William, Kinde, Mich. Beet-blocker and cotton-chopper.	829,067	Aug. 21	2759	580	123	2421
Ferris, William D., Sterling, Ill. Bale-tie-making machine.	834,050	Oct. 23	4291	910-14	124	2387
Ferris, William I., Stamford, Conn., assignor to L. E. Waterman Company, New York, N. Y. Fountain-brush.	824,688	June 26	4873	1038	122	2948
Ferriss, John M., Jr., Tacoma, Wash. Lumber-jack.	831,780	Sept. 25	3786	793	124	1052
Ferro Concrete Construction Company. (See Anderson, Robert, assignor.)						
Ferro-Phosphat-Gesellschaft Emilio Schramm & Co. (See Gross, Robert, assignor.)						
Ferry, Arthur C., Chicopee Falls, Mass. Ball-player's mitt.	811,389	Jan. 30	5624	1178	120	1381
Ferry, Charles H. (See Hermanson, Gustaf A., assignor.)						
Ferry, Charles H. (See Schroeder, William S., assignor.)						
Ferry, James F., Leadville, Colo. Cooking utensil. (Reissue.)	12,452	Feb. 13	2560	563	120	2087
Fersenheim, Rudolph L., New York, N. Y. Prepayment attachment for gas-meters.	824,419	June 26	4347	924-5	122	2834
Fertick, Benjamin F. (See Stutesman and Fertick.)						
Fertick, Charles W., Baltimore, Md. Mortar-spreading machine.	820,042	May 8	2082	454	122	527
Fertig, Adam, and R. T. Knoll, New York, N. Y. Work-holding attachment.	814,366	Mar. 6	745	150	121	165
Fertig, August, et al. (See Prideaux, Lewis, assignor.)						
Fertig, John H. (See Bayley, Guy L., assignor.)						
Fertig, Lewis P., Chicago, Ill. Combined car axle and wheel structure.	810,525	Jan. 23	3938	810	120	981
Fessler, Edward L., Santa Maria, Cal. Clasp.	824,713	July 3	34	5	123	12
Fesler, Stephen A., Cupertino, Cal. Pipe-wrench.	810,738	Jan. 23	4326	899	120	1067
Fessenden, Reginald A., Washington, D. C., assignor to National Electric Signaling Company, Pittsburg, Pa. Capacity.	814,951	Mar. 13	1881	395	121	467
Fessler, Walter W., New York, N. Y. Door-lock.	815,009	Mar. 13	2011	423	121	493
Fetta, Robert H., Richmond, Ind. Chemical-injector for steam-boilers.	823,941	June 19	3415	730	122	2580
Fettback, Franz, and G. Lieckfeld, Hanover, Germany, assignors to G. Weinlagen, Milwaukee, Wis. Winding mechanism.	815,692	Mar. 20	3442	718-19	121	858
Fettel, Charles H. (See Soderquist and Fettel.)						
Fetters, Arthur H. (See McKeen and Fetters.)						
Fetters, Arthur H., Omaha, Nebr. Synchronism-indicator.	818,945	Apr. 24	4788	1029-30	121	2568
Fetters, Arthur H., Omaha, Nebr. Car-holster side bearing.	831,333	Sept. 18	2888	612	124	781
Fetters, Charles A., New York, N. Y., assignor to Sanitary Sectional Brush Company. Sectional brush with grooved block.	822,836	June 5	1200	246	122	1991
Fetting, Frederick, Providence, R. I., assignor to Potter & Buffinton Company. Bracelet.	820,983	May 22	3975	844	122	1065
Fetzer, James J., Columbiana, assignor to Herbrand Company, Fremont, Ohio. Safety-razor.	819,640	May 1	1190	259	122	267
Fetzer, Louis W. (See Krait and Fetzer.)						
Fetzer, William, Middletown, Ohio. Transplanter.	812,556	Feb. 13	2103	461	120	1995
Fetzer, William, Middletown, Ohio. Seeding attachment.	824,106	June 26	3712	792	122	2701
Fetzer, William, Middletown, Ohio. Feed-cooker.	825,118	July 3	854	177	123	226
Fetzer, William, Middletown, Ohio. Seed-cup for planters.	827,003	July 24	4690	977	123	1234
Fetzer, William, Middletown, Ohio. Grain-drill.	837,393	Dec. 4	229	58	125	1413
Feucht, John, Brainerd, Minn. Grain-door for cars.	812,838	Feb. 20	2638	576-7	120	2149
Feucht, John, Brainerd, Minn. Grain-door lock.	812,839	Feb. 20	2640	577	120	2150
Feuerlein, Otto, Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Electric incandescent lamp.	819,009	Apr. 24	4911	1055	121	2594
Feust, Sigmund, New York, N. Y. Show-window.	813,634	Feb. 27	4231	930	120	2555
Feval, Leon, Newark, N. J., assignor to American Automatic Oiler Company. Lubricating device.	838,014	Dec. 11	1458	315	125	1760
Feval, Leon, Newark, and F. Hofbauer, West Orange, assignors to Consolidated Fruit Jar Company, New Brunswick, N. J. Tube-closing machine.	825,308	July 10	1233	260	123	339
Fewson, Paul, Hamburg, Germany. Means for the protection of screw-nuts.	821,285	May 22	4607	982	122	1203
Fibered Leather Manufacturing Company. (See Cutler, Otis M., assignor.)						
Ficener, Anthony A., Mansfield, assignor to Barnes Mfg. Co., Richland county, Ohio. Sink attachment.	838,702	Dec. 18	2837	609-10	125	2144
Fichter, Ernst, Syracuse, N. Y. Metallic shingle.	822,199	May 29	6414	1361	122	1663
Fichtler, Conrad, Stade, Germany. Device for preventing holding the head too low in reading and writing.	826,323	July 17	3312	683	123	870

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Fichtner, Conrad, Goodrich, N. D. Shaping-tool.	813,784	Feb. 27	4516	997	120	2616
Fick, Frank W., Maney's Corners, and P. S. Van Wie, Amsterdam, N. Y. Appliance and fixture for railway rails and ties.	813,875	Feb. 27	4704	1041	120	2656
Fickert, Gustav R., Jersey City, N. J., assignor, by mesne assignments, to H. M. Kilborn, New York, N. Y. Water-heater.	828,394	Aug. 14	1408	298	123	2045
Fickes, John C., assignor to Buckeye Lubricating Company, Steubenville, Ohio. Lubricator.	812,032	Feb. 6	1012	221	120	1694
Fiddes, James, and J. F. Watt, Aberdeen, Scotland. Automatic fire-alarm, also applicable to sprinklers.	836,746	Nov. 27	3708	791	125	1049
Fiddymont, John C., Brinkley, Ark., and J. J. McNally, assignors to Continuous Extracting Press Corporation, Norfolk, Va. Press.	816,446	Mar. 27	5014	1064-5	121	1245
Fiddymont, John C., Brinkley, Ark., and J. J. McNally, assignors to Continuous Extracting Press Corporation, Norfolk, Va. Press.	816,447	Mar. 27	5017	1065	121	1246
Fidelity Title and Trust Company. (See Carnahan, Cyrus M., assignor.)						
Fidell, Edwin, Jersey City, N. J. Wrapping-machine.	833,451	Oct. 16	2909	617-20	124	2012
Fidjeland, Terje A., Fostvedt, Iveland, Norway. Automatic rifle.	813,694	Feb. 27	4339	955	120	2578
Fiebach, Frank A. R., H. C., and O. L., London, Wis. Corn-fodder elevator and loader.	810,739	Jan. 23	4326	899	120	1067
Fiebach, Henry C. (See Fiebach, Frank A. R., H. C., and O. L.)						
Fiebach, Otto L. (See Fiebach, Frank A. R., H. C., and O. L.)						
Fieberger, Frank, Akron, Ohio. Stove and furnace.	834,282	Oct. 30	4809	1017	124	2564
Fieberger Heating Company. (See Hough, Hiram J., assignor.)						
Fiedler, Julius, and F. Hrdiczka-Csiszar, Vienna, Austria-Hungary. Flash-light apparatus.	822,263	June 5	75	15	122	1745
Fiedler, Lothar. (See Gerard, Frederic J., assignor.)						
Field, Bertrand L., Minneapolis, Minn. Latch.	839,744	Dec. 25	4912	1050	125	2696
Field, Bertrand L., assignor of one-half to A. L. Straight, Minneapolis, Minn. Seat-back.	816,545	Mar. 27	5221	1107	121	1293
Field, Charles E. (See Packard, William F., assignor.)						
Field, Millard F., Winthrop, Mass. Picker-check for looms.	825,309	July 10	1240	260	123	341
Field, Oscar L., Ithaca, N. Y. Mechanical movement.	816,546	Mar. 27	5222	1108	121	1294
Field, Otis W., Chicago, Ill. Game-counter.	818,676	Apr. 24	4259	915	121	2452
Field, Samuel F., Findlay, Ohio. Flattening-wheel for glass houses.	825,310	July 10	1241	261	123	342
Field, Stephen D., Stockbridge, Mass. Receiving telegraphic signals.	812,557	Feb. 13	2105	462	120	1995
Field, William A., Chicago, Ill. Tire.	825,269	July 3	1150	243	123	300
Field, William A., E. B. Clark, 2nd, and F. Wilson, Chicago, Ill., assignors to Wellman, Seaver, Morgan Company, Cleveland, Ohio. Reversing-valve.	812,840	Feb. 20	2641	577-8	120	2150
Fielding, Howard H. (See Goff and Fielding.)						
Fielding, John S., Toronto, Canada. Dam, retaining-wall, or breakwater.	813,695	Feb. 27	4343	956	120	2578
Fielding, Philip H., New York, N. Y. Electrical receptacle.	819,418	May 1	772	166	122	175
Fields, Emanuel, Allegheny, Pa. Switch.	815,693	Mar. 20	3443	719	121	859
Fields, George. (See Warren, Edward H., assignor.)						
Fielman, William E. (See Lindley, Ernest, assignor.)						
Fiers, William T., assignor of one-half to A. W. Kehrler, Redkey, Ind. Pump.	815,082	Mar. 13	2160	455	121	526
Fifer, Charles F., Boulder, Colo. Claw-hammer and spike-puller.	812,985	Feb. 20	2928	645	120	2213
Fifield, Chester C., Grand Junction, Iowa. Gas-burning tank-heater.	810,852	Jan. 23	4540	945	120	1113
Figgatt, Catherine C., New York, N. Y. Collar-button.	822,200	May 29	6415	1362	122	1663
Fihely, Thomas, Rockland, assignor of one-half to S. E. Westgate, Brockton, Mass. Heating apparatus.	830,984	Sept. 11	2171	458-9	124	575
Fildes, Rollin D., assignor of one-half to L. Parish, Chicago, Ill. Hydraulic tool-clamp.	808,647	Jan. 2	53	11	120	14
Fildes, Thomas, Richmond Hill, N. Y., assignor to G. Cook, Allendale, N. J. Electrical contact-shoe.	838,177	Dec. 11	1821	390	125	1853
File, Eugene F., New York, N. Y., assignor of one-half to F. F. Slocumb & Co. Attachment for leather-staking machines.	813,876	Feb. 27	4705	1041-2	120	2656
Filer, Herbert A., Kensington, Md. Parlor base-ball apparatus.	819,212	May 1	357	76	122	86
Filley, William S., Toledo, Ohio. Railway-engine-signaling device.	814,776	Mar. 13	1570	331-2	121	403
Filley, William S., Montpelier, Ohio. Dental-plate machine.	819,641	May 1	1191	260	122	268
Fillmore, Millard A., Blaine, Wash. Door-lock.	824,984	July 3	619	124	123	162
Filson, Ira, Springfield, Ohio. Automatic alarm.	836,377	Nov. 20	2929	622	125	823
Filstrup, Lars L., assignor to Covell Manufacturing Company, Chicago, Ill. Saw-dressing machine.	811,835	Feb. 6	557	123-4	120	1604
Filteau, Victor, assignor of one-third to T. M. Graham, Montreal, Canada. Carrier.	817,842	Apr. 17	2569	553	121	2033
Filter & Brautechnische Maschinen-Fabrik Akt. Ges. (See Sellenscheidt, Carl, assignor.)						
Filter & Brautechnische Maschinen-Fabrik Akt. Ges. vormals L. A. Enzinger. (See Sellenscheidt, Carl, assignor.)						
Finan, John F., Cumberland, Md. Roll-paper holder and cutter.	814,598	Mar. 6	1191	249	121	258
Finch, Adam T. (See Davis and Finch.)						
Finch, Charles A. (See Burt, Jackson, and Finch.)						
Finch, George P., assignor of two-thirds to A. M. Hill and W. H. Peck, Garneill, Mont. Device for removing or replacing hay-racks or the like from or to their running-gear.	808,913	Jan. 2	580	128	120	127
Finch, John S. (See Eames and Finch.)						
Finch, John S. (See Noble and Finch.)						
Finch, Norman E., and C. D. Brown, Council Bluffs, Iowa. Car-axle-brass repacer.	828,468	Aug. 14	1564	331	123	2085
Finch, Robert C. (See Crapp, Thomas S., assignor.)						
Fincken, Richard, San Francisco, Cal. Beer-cooling device.	833,452	Oct. 16	2924	620	124	2013
Findlay, James, Ilford, assignor to Bromar Limited, London, England. Base or support for photographic sensitive emulsions.	822,107	May 29	6233		122	1621
Findlay, William, Edinburgh, Scotland. Cover for vehicles.	808,828	Jan. 2	403	88	120	90
Fine, Horace E., Trenton, N. J. Numbering device.	827,377	Oct. 16	2746	578	124	1975
Fine, William G., Princeton, Ind. Pick.	827,432	July 31	5637	1168	123	1484
Fine, William R., Newport, Tenn. Trap.	834,465	Oct. 30	5152	1094	124	2650
Finger, Joseph P. (See Finger, Martin L., assignor.)						
Finger, Martin L., assignor of one-half to J. P. Finger, Newton, N. C. Saw-filer.	827,623	July 31	6076	1260	123	1595
Finizie, Thomas D. (See Hager and Finizie.)						
Fink, Adolph E. (See Englemier, Charles W., assignor.)						
Fink, George, and C. J. Carlson, Northfield, Minn. Carrier.	834,896	Nov. 6	40	8	125	13
Fink-Huguenot, Laurent, Paris, France. Apparatus for the preparation of metallic oxides.	813,785	Feb. 27	4517	997	120	2616
Fink-Huguenot, Laurent, Paris, France. Producing metallic oxides.	813,786	Feb. 27	4519	997	120	2616
Fink, Joseph H., Kansas City, Mo., and R. Andlauer, Kansas City, Kans., assignors to said Fink, said Andlauer, H. Chick, and A. L. Clark, Kansas City, Mo. Horseshoe attachment.	836,807	Nov. 27	3823	814	125	1080
Fink, Lewis. (See Schneider and Perlier, assignors.)						
Finkbeiner, Henry. (See McKee and Finkbeiner.)						
Finkenbinder, William I., Duncannon, Pa. Rolling-mill.	829,393	Aug. 28	3453	726	123	2640
Finkle, George S., East Greenbush, N. Y. Rail-fastening.	821,408	May 22	4882	1037	122	1265
Finlay, John H. (See Raymond and Finlay.)						
Finley, Fred B., Los Angeles, Cal. Ore-separator.	822,515	June 5	563	113-14	122	1850

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Finnegan, Francis J. (See Swan, Finnegan, and Skillings.)						
Finnegan, Frank J. (See Finnegan, Louis H. and F. J.)						
Finnegan, Louis H. and F. J., Minneapolis, Minn. Chocolate-cutter.	820,633	May 15	3243	697	122	843
Finney, David C., Huntsville, Ala. Thread-guide.	809,437	Jan. 9	1687	347	120	403
Finney, Herbert A., Crum Lynne, Pa. Game apparatus.	819,530	May 1	978	214	122	220
Finnigan, George P., Greene, N. Y. Pneumatic brake-valve.	832,306	Oct. 2	589	111	124	1355
Finnigan, George P., Greene, N. Y. Railway-signal.	838,780	Dec. 18	2984	642-3	125	2179
Finnigan, George P., Greene, N. Y. Electric block-signal system for railways.	838,854	Dec. 18	3115	671-2	125	2212
Finnigan, George P., Greene, N. Y., and G. T. Hanchett, Hackensack, N. J.; said Hanchett assignor to said Finnigan. System of transmitting power	834,570	Oct. 30	5348	1135	124	2699
Finnigan, John J., Atlanta, Ga. Furnace.	839,568	Dec. 25	4543	969	125	2606
Firestone, Joseph F., Columbus, Ohio. Truck.	819,053	May 1	35	8	122	11
Firey, William P., Roanoke, Va. Core.	827,223	July 31	5193	1078	123	1378
Firey, William P., Roanoke, Va. Valve.	828,280	Aug. 7	1183	246	123	1961
Firm, Joseph L., Berwyn, assignor to Goss Printing Press Company, Chicago, Ill. Printing-press.	836,311	Nov. 20	2810	596-7	125	797
Firnesz, Edward, <i>et al.</i> (See Salmen, Carl R., assignor.)						
Firnhaber, Edward, Janesville, Minn. Animal-trap.	818,239	Apr. 17	3382	726	121	2209
First, H. C. (See Fanning, Charles E., assignor.)						
First Mill Company. (See Newnham, Frank, assignor.)						
Firth, Franklin E., Toledo, Ohio. Self-cooling filter system.	826,654	July 24	4032	835-6	123	1071
Firth Sterling Steel Company. (See Wheeler and McKenna, assignors.)						
Fischer, Adolph, Milwaukee, Wis. Horseshoe-pad.	808,829	Jan. 2	404	88	120	90
Fischer, Alex, Kensington, London, England. Sound-box of phonographs	825,119	July 3	855	177	123	227
Fischer, August. (See Lang and Fischer.)						
Fischer, Charles E., West Harrison, Ind. Collapsible truck	808,738	Jan. 2	234	51	120	53
Fischer & Co., Martin. (See Fischer, Martin, assignor.)						
Fischer, Edward J. (See Fischer, Nicholas, E. J., and P. J.)						
Fischer, Emil, Berlin, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Iodin preparation.	839,569	Dec. 25	4544		125	2606
Fischer, Franz W. G. H. (See Hambruch, Heinrich F., assignor.)						
Fischer, Gustav, Berlin, Germany. Metallic matrix-plate.	837,394	Dec. 4	233	59	125	1414
Fischer, Hermann C., Vienna, Austria-Hungary. Machine for extracting threads from fabrics.	819,010	Apr. 24	4914	1055	121	2594
Fischer, Jacob, Swanton, Ohio. Jacket for steam-boilers.	832,785	Oct. 9	1548	318	124	1625
Fischer, Jens J. O., assignor to Bryan Manufacturing Company, Racine, Wis. Anticreeping device for rails.	839,280	Dec. 25	3969	853	125	2466
Fischer, Jens J. O., assignor to himself and M. J. Goepfert, Racine, Wis. Anticreeping device for rails.	808,648	Jan. 2	54	12	120	14
Fischer, Joseph B., assignor of one-half to E. A. Tesch, Chicago, Ill. Fishing-rod.	813,492	Feb. 27	3954	867	120	2495
Fischer, Joseph J., Belleplaine, Minn. Elevator.	833,032	Oct. 9	2023	425-6	124	1738
Fischer, Martin, Zurich, Switzerland. Motor-vehicle.	834,283	Oct. 30	4811	1017	124	2564
Fischer, Martin, assignor to M. Fischer & Co., Zurich, Switzerland. Motor-car.	834,007	Oct. 23	4206	892	124	2365
Fischer, Max, Cincinnati, Ohio. Pocket-clasp.	837,294	Dec. 4	42	13	125	1364
Fischer, Nicholas, E. J., and P. J., Cincinnati, Ohio. Weather-covering for buildings.	838,015	Dec. 11	1459	315	125	1760
Fischer, Peter J. (See Fischer, Nicholas, E. J., and P. J.)						
Fischer, Robert, assignor to C. P. Goldsmith & Company, New York, N. Y. Clutch for studs.	818,530	Apr. 24	3966	852	121	2388
Fischer, Samuel M., New York, N. Y. Placket-clasp.	818,823	Apr. 24	4569	979	121	2519
Fischer, W. F. (See Wenke, Franz, assignor.)						
Fischer, William C., New York, N. Y., assignor to Standard Pulley Manufacturing Company. Sheave.	812,488	Feb. 13	1951	430	120	1964
Fischer, William C., Huntington, assignor of one-half to M. Lachman, New York, N. Y. Caster-socket for metallic bedsteads.	821,585	May 22	5206	1111	122	1333
Fischer, William C., Huntington, assignor of seventeen-twentieths to M. Lachman, New York, N. Y. Reversible propeller.	838,532	Dec. 18	2512	533-4	125	2064
Fischer, Willy F. (See Wenke, Franz, assignor.)						
Fish, Abiathar, J. P., and E., Pasadena, Cal. Composition of matter used in plastering and decorating walls.	831,503	Sept. 18	3199		124	860
Fish, Charles H. (See Owen, Herbert W., assignor.)						
Fish, Charles H., Dover, N. H. Apparatus for steaming fabrics.	814,124	Mar. 6	249	47	121	55
Fish, Ernest. (See Fish, Abiathar, J. P., and E.)						
Fish, George L., Winsted, Conn. Light-shade holder.	834,513	Oct. 30	5246	1114	124	2675
Fish, Harry J. (See Turner, Samuel J., assignor.)						
Fish, Joseph P. (See Fish, Abiathar, J. P., and E.)						
Fish, Oren, Cleveland, Ohio. Brush.	818,531	Apr. 24	3968	852	121	2388
Fish, William, Everett, Mass. Tool for dressing emery-wheels.	834,666	Oct. 30	5552	1178	124	2752
Fishel, Frank. (See Thomas, Martin E., assignor.)						
Fisher, Adam. (See Ausband, Charles P., assignor.)						
Fisher, Alfred, Chicago, Ill. Metal furnace.	828,881	Aug. 21	2381	507-8	123	2323
Fisher, Alfred T. (See Baker, Milo A., assignor.)						
Fisher, Alfred T., Brooklyn, N. Y. Device for inflating pneumatic tires.	825,592	July 10	1865	395	123	497
Fisher, Austin A., Allentown, Pa. Caster.	833,453	Oct. 16	2926	620	124	2013
Fisher, Carl G. (See Pierce, Burt N., assignor.)						
Fisher, Charles. (See Morgan, Henry, assignor.)						
Fisher, Charles A., Chicago, Ill. Mattress or cushion covering.	820,634	May 15	3244	698	122	843
Fisher, Charles A., assignor of seventy-three one-hundredths to L. Silverburg, Niagara Falls, and C. C. Andrus, North Tonawanda, N. Y. Clutch.	825,384	July 10	1397	293	123	382
Fisher, Charles F. (See Kootz and Fisher.)						
Fisher, Charles H. (See Smith and Fisher.)						
Fisher, Charles W., Columbia City, Ind. Valance for buggies.	814,195	Mar. 6	374	76	121	81
Fisher & Company, J. M. (See Wallenthin, Nils C., assignor.)						
Fisher, Daniel C., Boston, Mass. Machine for disentangling fibers.	808,978	Jan. 2	716	154-5	120	158
Fisher, Ebenezer, Philadelphia, Pa., assignor to Fisher Wrench Company, Egg Harbor, N. J. Pipe-wrench. (Reissue)	12,438	Jan. 23	4652	970	120	1135
Fisher, Edward F., Atkinson, Nebr. Nest.	831,423	Sept. 18	3054	647	124	824
Fisher, Elizabeth B., Alma, Mich. Flat-iron stand.	837,921	Dec. 11	1275	279	125	1713
Fisher, Emanuel D., Underwood, Iowa. Attachment for corn-planters.	831,850	Sept. 25	3928	821-2	124	1086
Fisher, Frank C., Cheltenham, Pa., and W. C. Culin, Camden, N. J. Mouthpiece for telephones.	819,531	May 1	979	214	122	220
Fisher, Fred, assignor to J. Madlinger, Ironton, Mo. Pipe-wrench.	815,694	Mar. 20	3446	719	121	860
Fisher, Fred, assignor to C. Madlinger, Ironton, Mo. Wagon-brake.	818,240	Apr. 17	3384	726	121	2210
Fisher, George F., North Tonawanda, N. Y. Building construction.	813,548	Feb. 27	4060	890	120	2519
Fisher, George F., North Tonawanda, N. Y. Building construction.	817,478	Apr. 10	1859	391	121	1824
Fisher, George F., North Tonawanda, N. Y. Mortar-gage.	823,593	June 19	2759	584	122	2435

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Fisher, George F., North Tonawanda, N. Y. Machine for molding building-blocks.....	831,781	Sept. 25	3788	793-4	124	1052
Fisher, Henry R. (See Schlosser and Fisher.)						
Fisher, Henry W., assignor of one-half to J. W. Marsh, Pittsburg, Pa. Game-board.....	817,142	Apr. 3	1166	241	121	1618
Fisher, Homer O., Cleveland, Ohio. Apparatus for treating liquids.....	816,448	Mar. 27	5020	1066	121	1247
Fisher, Inman H., Dublin, Ga. Lock.....	837,295	Dec. 4	43	13	125	1364
Fisher, John, <i>et al.</i> (See Salmen, Carl R., assignor.)						
Fisher, John E., <i>et al.</i> (See Adams, William L., assignor.)						
Fisher, Martin E., Mineral City, Ohio. Making hard-rubber balls.....	810,740	Jan. 23	4328	.....	120	1068
Fisher, Thomas, assignor of one-third to J. N. Shannon, Desloge, Mo. Dumping and caging apparatus for mine-cars.....	827,354	July 31	5442	1131-2	123	1437
Fisher, Waldo E., Collinsville, Ill. Hay-press.....	815,083	Mar. 13	2161	455-6	121	526
Fisher, William C., assignor to Russell Manufacturing Company, Middletown, Conn. Bandoleer or belt.....	836,642	Nov. 20	3440	734	125	944
Fisher, Willis H., Mount Gilead, Ohio. Press for molding artificial stone or the like.....	819,054	May 1	36	8-9	122	12
Fisher, Willis H., Mount Gilead, Ohio. Mold-box.....	819,055	May 1	42	9	122	13
Fisher Wrench Company. (See Fisher, Ebenezer, assignor.) (Reissue.)						
Fisher, Frederick E., Columbus, Ohio. Shade-trimming device.....	834,715	Oct. 30	5651	1199	124	2778
Fisk, A. W., administrator. (See Lindberg, Peter.)						
Fisk, Carl A., Providence, R. I. Center-punch.....	834,973	Nov. 6	185	39	125	49
Fisk, Carl A., assignor of one-half to W. Person, Providence, R. I. Micrometer-gage.....	824,420	June 26	4350	925	122	2834
Fisk, Fred J., Hallstead, Pa. Trace-holder.....	833,876	Oct. 23	3807	808	124	2272
Fisk, Henry M., Pella, Iowa. Tile-laying carrier.....	827,301	July 31	5339	1107	123	1411
Fisk, John, Houston, Tex. Riding attachment for one-row walking grain and seed planters.....	836,212	Nov. 20	2813	597	125	797
Fisk, Joseph, Manistee, Mich. Cabinet.....	832,601	Oct. 9	1172	234	124	1537
Fisk Rubber Company. (See Cole, John C., assignor.)						
Fiske, Bradley A., U. S. Navy. Range-finder.....	822,201	May 29	6416	1362	122	1663
Fiske, Bradley A., U. S. Navy. Sighting-machine.....	833,781	Oct. 23	3565	761	124	2212
Fiske, Henry P., assignor to I. W. Parmenter, New York, N. Y. Hair-waver.....	815,278	Mar. 13	2553	538	121	614
Fissel, John S., West Philadelphia, Pa. Button-fastener.....	814,683	Mar. 13	1396	291	121	365
Fister, Walter F., Hamburg, Pa. Emergency-brake for cars.....	829,770	Aug. 28	4279	905	123	2844
Fitch, Abbie R., assignor of one-half to C. H. Shetler, Denver, Colo. Music-chart.....	836,570	Nov. 20	3310	705	125	914
Fitch, Ezra C., Waltham, Mass. Winding mechanism.....	830,058	Sept. 4	296	60	124	72
Fitch, Fred W. (See Rodney, Ford, Conroy, Burson, and Fitch.)						
Fitch, Thomas W., Jr., Cleveland, assignor to Interstate Engineering Company, Bedford, Ohio. Track-brake.....	823,772	June 19	3099	656-7	122	2509
Fithian, Edwin J. (See Murray and Fithian.)						
Fitton, John R. (See Crompton and Fitton.)						
Fitton, John R., assignor to Crompton-Thayer Loom Company, Worcester, Mass. Fancy-loom.....	832,013	Sept. 25	4262	891	124	1171
Fitts, Norman V., assignor to Colorado Iron Works Company, Denver, Colo. Vibrating screen.....	814,952	Mar. 13	1883	396	121	468
Fitts, Thomas B., Port Richmond, N. Y., assignor of one-half to J. F. Wilts, Montclair, N. J. Wood-slicing machine.....	835,156	Nov. 6	567	115	125	144
Fitz, Amos G., Auburn, Me. Last.....	817,966	Apr. 17	2837	614	121	2094
Fitz Patrick, William H. A. (See Mitchell and Goode, assignors.)						
Fitzer, August. (See Farber, William, assignor.)						
Fitzgerald, Edward. (See Hubby, William E., assignor.)						
Fitzgerald, Edward, Chicago, Ill. Hoof-pad.....	832,468	Oct. 2	904	175	124	1430
Fitzgerald, George, Monroe, N. Y. Vehicle.....	828,728	Aug. 14	2081	439	123	2218
Fitzgerald, John M. (See Tracy, John W., assignor.)						
Fitzgerald, Richard, Chicago, Ill. Fluid-pressure brake.....	833,161	Oct. 16	2291	482	124	1854
Fitzgibbon, John J., and J. M. Travis, St. Louis, Mo. Fancet.....	831,049	Sept. 18	2315	489	124	643
Fitzgibbons, David, Oswego, N. Y. Steam-generator.....	809,366	Jan. 9	1527	310	120	370
Fitzgibbons, Patrick F., Chattanooga, Tenn. Derrick.....	822,837	June 5	1202	246-7	122	1991
Fitzkee, Archibald M., Atkinson, Ill. Safety-pocket.....	811,045	Jan. 30	4952	1034	120	1237
Fitzpatrick, Edward P., <i>et al.</i> (See Wyatt, George R., assignor.)						
Fitzpatrick, Eugene F., assignor of one-half to T. E. Reilly, New York, N. Y. Fireproof fixture.....	816,309	Mar. 27	4706	998-9	121	1182
Fitzpatrick, John G., <i>et al.</i> (See Henzel, Casper H., assignor.)						
Fitzpatrick, Kerien, <i>et al.</i> (See Yoe, Philip, assignor.)						
Fitzsimmons, Michael J., Johnstown, Pa. Bottle.....	828,103	Aug. 7	837	172	123	1877
Fiveash, Zion E., Rawles Springs, Miss. Still.....	817,552	Apr. 10	2005	422-3	121	1854
Fixler, John F., and N. E. Bauer, Helena, Ohio. Anchor for fence-posts and the like.....	837,618	Dec. 4	681	157	125	1524
Flade, George F., Philadelphia, Pa. Separable button.....	838,970	Dec. 18	3309	715	125	2256
Flager, Edward G. (See McGahan and Flager.)						
Flager, Edward G., and F. L. McGahan, St. Louis, Mo., assignors to National Light, Heat & Power Company. Fluid-fuel burner.....	824,689	June 26	4876	1038	122	2949
Flagg, Alvernis G., assignor of one-fourth to G. H. Kramer, Richmond, Ind. Stovepipe-coupling.....	822,202	May 29	6420	1363	122	1664
Flagg, Frederick W., Middletown, Conn. Leg-rest.....	830,776	Sept. 11	1804	373-4	124	484
Flake, Wyley H., Plantersville, Miss. Wheeled support for ironing-stands and the like.....	827,966	Aug. 7	547	112	123	1808
Flamant, Charles, Paris, France, assignor to H. Hurwitz & Co., Berlin, Germany. Producing hectograms.....	835,105	Nov. 6	469	.....	125	122
Flamm, Oswald, and F. Rhombing, Charlottenburg, Germany. Water-tube boiler.....	832,572	Oct. 2	1098	221	124	1478
Flanagan, Denis, Clayton-le-Moors, England. Blindstitch sewing-machine.....	819,642	May 1	1193	260-1	122	268
Flanagan, Denis, Clayton-le-Moors, England. Cloth-feeding mechanism for sewing-machines.....	820,354	May 8	2685	586	122	661
Flanagan, Denis, Clayton-le-Moors, England. Sewing-machine reel-case.....	820,355	May 8	2686	587	122	661
Flanagan, Henry H., and J. Huverstuhl, Des Moines, Iowa. Lubricator.....	832,051	Oct. 2	46	12	124	1224
Flanagan, John J., Cleveland, Ohio. Belt-fastener.....	831,050	Sept. 18	2318	489	124	644
Flanders, John S., Sturgis, Mich. Sash-fastener.....	834,716	Oct. 30	5652	1199	124	2778
Flanders, Louis H., Wilkinsburg, Pa., assignor to Westinghouse Machine Company. Secondary battery.....	836,107	Nov. 20	2377	502	125	687
Flandrean, Eugene L., Port Chester, N. Y. Broiler.....	829,642	Aug. 28	4000	847	123	2777
Flanner, Frank W. (See Smith, Thaddeus S., assignor.)						
Flannery Bolt Company. (See Tate, John B., assignor.)						
Flannery, James J., <i>et al.</i> (See Hinkson, Frank B., assignor.)						
Flannery, Joseph M., <i>et al.</i> (See Hinkson, Frank B., assignor.)						
Flaschberger, Ferdinand, Hoboken, and M. Gebhart, Jersey City, N. J. Window.....	822,516	June 5	565	114	122	1851
Flash Light Sign Company. (See Bacon, Earl C., assignor.)						
Flatau, Louis S., assignor to Republic Railway Appliance Co., St. Louis, Mo. Sheet-metal-working machine.....	819,644	May 1	1195	261-2	122	268
Flatau, Louis S., assignor, by mesne assignments, to Republic Railway Appliance Co., St. Louis, Mo. Sheet-metal-working machine.....	819,644	May 1	1197	263	122	269

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Flatau, Louis S., assignor of one-half to G. A. Tempel, St. Louis, Mo. Car-door seal	828,729	Aug. 14	2082	439	123	2218
Flatau, Sol, administrator. (See Dancyger, Simon.)						
Flather, Ernest J., Nashua, N. H. Gear-cutting machine	825,311	July 10	1242	261-3	123	342
Flather, Frederick A., assignor to Lowell Machine Shop, Lowell, Mass. Cap for cap spinning and twisting	817,167	Apr. 10	1224	252	121	1692
Flather, Herbert L., Nashua, N. H. Change-speed gearing for engine-lathes	810,634	Jan. 23	4147	857-8	120	1027
Flatow, Leo. (See Kaiser, Charles A., assignor.)						
Flay, Robert. (See Hubbard and Flay.)						
Fleak, Robert F., Teriton, Okla. Ter. Automatic check-row corn planter and marker.	827,857	Aug. 7	332	70	123	1753
Fleck, George W., Barnhill, Ohio. Shovel	826,928	July 24	4559	948	123	1204
Fleck, Michael. (See Hupfel, Adolph G., assignor.)						
Fleeger, Austin, Chicora, Pa. Combined belt tightener and fastener	815,341	Mar. 20	2739	570-1	121	704
Fleeger, Austin, Chicora, Pa. Joint for electric conductors and other wires	831,548	Sept. 25	3314	695	124	925
Flegel, Benjamin F., Racine, Wis. Fishing-tackle	832,307	Oct. 2	592	111	124	1355
Flegel, Harrison D., Racine, Wis., assignor to D. L. Hayward, Chicago Heights, Ill. Indicator	832,963	Oct. 9	1899	395	124	1708
Fleigel, Benjamin, Boston, Mass. Guide for sewing-machines	815,342	Mar. 20	2742	571	121	704
Fleigel, Benjamin, Boston, Mass. Sewing-machine attachment	831,334	Sept. 18	2889	613	124	781
Fleisener, Emil, Dresden-Strehlen, assignor to J. E. Goldschmid, Frankfort-on-the-Main, Germany. Manufacturing iron or steel	809,291	Jan. 9	1369	278	120	337
Fleischman, Charles R., Chicago, Ill. Inflated ball	830,581	Sept. 11	1396	289	124	374
Fleischman, Charles R., Chicago, Ill. Inflated ball	830,582	Sept. 11	1397	289	124	375
Fleming, Alexander, Davenport, Iowa. Saw-set	819,745	May 8	1408	303	122	375
Fleming, Blanche, administratrix. (See Fleming, James H.) (Reissue.)						
Fleming, Christopher C., Dallas, Tex. Saw-tooth	813,371	Feb. 20	3698	812	120	2378
Fleming, Clarence C., Newark, N. J., assignor to E. Faber, New York, N. Y. Box for pencils	820,773	May 15	3517	754	122	903
Fleming, James A. J., Newport, Oreg. Wave-motor	822,203	May 29	6422	1363	122	1664
Fleming, James H., deceased, Newark, N. J.; B. Fleming, administratrix. Centrifugal cream-separator. (Reissue.)	12,506	July 17	3760	779	123	986
Fleming, James H., deceased, Newark, N. J.; B. Fleming, administratrix. Centrifugal cream-separator. (Reissue.)	12,507	July 17	3763	779	123	987
Fleming, James R., Scranton, Pa. Axle-box	813,962	Feb. 27	4867	1076	120	2689
Fleming, John J., Carrick, assignor to Phillips Mine and Mill Supply Co., Pittsburg, Pa. Coal-tipple	837,900	Dec. 4	1226	270	125	1658
Fleming, John M., Ottawa, Canada. Trolley-pole head	827,090	July 31	4898	1022	123	1300
Fleming, Norman O., Mansfield, Ohio. Automatic water-gage	821,709	May 29	5483	1167	122	1451
Fleming, Orin, New Sharon, Iowa. Cement post for wire fences	827,224	July 31	5194	1078	123	1378
Fleming, Philip, Burton View, Ill. Riding-narrow	816,449	Mar. 27	5022	1066	121	1247
Fleming, Richard, Lynn, Mass., assignor to General Electric Company. Cut-out	835,353	Nov. 6	957	204	125	242
Fleming, Richard, Lynn, Mass., assignor to General Electric Company. System of electrical distribution	835,354	Nov. 6	959	204	125	242
Fleming, Robert, trustee. (See Shaw, Angus W., assignor.)						
Fleming, Robert S., and C. Pedersen, assignors to Landis Machine Company, St. Louis, Mo. Wax-stripper	836,184	Nov. 20	2543	534	125	728
Fleming, Samuel E. (See Craig, James A., assignor.)						
Fleming, Samuel W., and F. A. Childs, New London, Ohio. Illuminated sign	814,684	Mar. 13	1397	291	121	365
Fleming, Thomas. (See Carroll and Fleming.)						
Fleming, William B., South Pasadena, Cal. Musical instrument	811,912	Feb. 6	728	150-60	120	1639
Fleming, William B., South Pasadena, Cal. Roll for the accurate winding of a sheet of paper from one roll to another	822,517	June 5	567	114	122	1851
Fleming, William T., assignor to Anti-Friction Journal Box Co., Los Angeles, Cal. Roller-bearing for the ends of shafts	830,985	Sept. 11	2173	459	124	576
Fleming, William T., assignor, by mesne assignments, to Anti-Friction Journal Box Company, Los Angeles, Cal. Roller-bearing	839,084	Dec. 18	3537	765-6	125	2316
Flemming, Charles F. (See Lowe, James T., assignor.)						
Flemming, Charles F., Washington, D. C. Car-stake	823,270	June 12	2123	443	122	2240
Flemming, Charles F., Washington, D. C. Chock for transporting vehicles on railway-cars	833,454	Oct. 16	2927	620	124	2013
Flesher, Andrew, Taylorville, Ill. Safety-catch for elevators	811,046	Jan. 30	4953	1034	120	1237
Fletcher, Addison C., New York, N. Y. Fastening device for keys, windows, &c.	816,787	Apr. 3	462	104	121	1459
Fletcher, Clarence A. (See Dunne and Fletcher.)						
Fletcher, George H., et al. (See Conley, Charles M., assignor.)						
Fletcher, George W., Mendon, Ill. Pin attachment	830,777	Sept. 11	1805	374	124	485
Fletcher, Henry O., Hyde Park, Mass. Power-transmission gearing	826,022	July 17	2731	566	123	730
Fletcher, John S., Mound City, Kans. Pawl and ratchet	815,084	Mar. 13	2163	456	121	526
Fletcher, Mordecai H., Cincinnati, Ohio. Core	820,858	May 15	3714	792	122	946
Fletcher, Nathan W., Chicago Heights, assignor to Turbine Motor Tool Company, Chicago, Ill. Turbine-motor	823,210	June 12	1990	414-15	122	2211
Fletcher, Nathan W., Chicago Heights, assignor to Turbine Motor Tool Company, Chicago, Ill. Turbine-motor	823,211	June 12	1995	415-16	122	2212
Fletcher, Nathan W., Chicago Heights, assignor to Turbine Motor Tool Company, Chicago, Ill. Motor-driven tool	824,347	June 26	4178	893-4	122	2801
Fletcher, Nathan W., Chicago Heights, assignor to Turbine Motor Tool Company, Chicago, Ill. Pneumatic tool	831,272	Sept. 18	2769	584	124	751
Fletcher, Nathan W., Chicago Heights, assignor to Turbine Motor Tool Company, Chicago, Ill. Pneumatic tool	833,710	Oct. 16	3432	731-2	124	2132
Fletcher, Nathan W., Chicago Heights, assignor to Turbine Motor Tool Company, Chicago, Ill. Pneumatic tool	839,128	Dec. 25	3666	790	125	2393
Fletcher, Orland C., Chicago, Ill. Roll-paper holder and cutter	838,312	Dec. 11	2080	450	125	1914
Fletcher, Pearl E., Ridge, assignor of one-half to K. G. Warner, Pendleton, Oreg. Sickle	809,676	Jan. 9	2166	448	120	508
Fletcher, Stoughton A. (See Schaeffer, Frank M., assignor.)						
Fletcher, William H., Paterson, N. J. Dyeing-machine	834,284	Oct. 30	4811	1017-18	124	2565
Fletcher, William H., assignor of one-half to J. McCallum, White River, Canada. Railway-car-wheel skid	814,645	Mar. 6	1283	270	121	277
Fletcher, William J., assignor of one-half to B. G. Johnson, Minneapolis, Minn. Well-door for elevators	825,449	July 10	1562	322	123	426
Fletemeyer, John W., et al. (See Dibble, Frank Y., assignor.)						
Flcury, Robert L., Denver, Colo. Ballot-box	831,504	Sept. 18	3199	676	124	860
Fleuss, Henry A., Reading, England. Apparatus for the separation of oil and grease from water	832,469	Oct. 2	905	175-6	124	1430
Flexer, Alfred H., Philadelphia, Pa. Sanding appliance for trolley-cars	837,460	Dec. 4	367	85	125	1447
Flichinger, Edward O., Massillon, Ohio. Brake mechanism	823,942	June 19	3418	730	122	2580
Elick, Elmer, Bedford, Ohio. Base-ball-player's pad	835,219	Nov. 6	686	141	125	174
Flieg, Joseph F., St. Louis, Mo. Shade-roller-supporting bracket	825,817	July 10	2340	488	123	617

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Flinchbaugh, Frederick T., York, Pa. Actuating-gear for traction-engines.....	821,477	May 22	5012	1065-6	122	1293
Flindall, John, Chicago, Ill. Chair-lounge.....	816,084	Mar. 27	4277	907	121	1090
Flindall, John, Chicago, Ill. Apparatus for generating power.....	822,264	June 5	76	15-16	122	1745
Flindall, John, Chicago, Ill. Reclining-couch.....	825,312	July 10	1250	263-4	123	343
Flindall, John, Chicago, Ill. Chair-lounge.....	834,285	Oct. 30	4813	1018	124	2565
Flindall, John, Chicago, Ill. Chair.....	834,376	Oct. 30	4995	1057	124	2611
Fling, Walter T., and J. E. Nichols, Holt, Mo. Smoke-consumer.....	810,741	Jan. 23	4329	900	120	1068
Flint, Albert E., <i>et al.</i> (See Waldo, Charles W., assignor.)						
Flint, Benjamin F., assignor to D. B. Kaufmann, Cincinnati, Ohio. Fountain-pen.....	827,004	July 24	4692	977	123	1235
Flint, Edgar L., East Hiram, Me. Trap.....	814,527	Mar. 6	1060	218-19	121	230
Flint, Nathan E. (See Taylor and Flint.)						
Flintkote Manufacturing Company. (See Bird, Reginald W., assignor.)						
Flintkote Manufacturing Company. (See Overbury, Frederick C., assignor.)						
Flipse, Louis F., Sheboygan, Ws. Lock.....	833,033	Oct. 9	2026	426	124	1739
Floeter, Robert K., Lima, Ohio. Automatic railway-switch.....	811,627	Feb. 6	194	41	120	1527
Floeter, Robert K., Lima, Ohio. Automatic railway-switch.....	831,660	Sept. 25	3570	749	124	996
Flood, Harry J., Chicago, Ill. Step-bearing.....	834,897	Nov. 6	42	8-9	125	14
Flora, Ellsworth E., Chicago, Ill. Detachable key-changer for pneumatic piano-players.....	815,412	Mar. 20	2910	603	121	741
Flora, Ellsworth E., Chicago, Ill. Machine for sawing staves.....	832,602	Oct. 9	1174	235-6	124	1538
Florence, Alexander, Allegheny, Pa. Folding box.....	825,044	July 3	718	151	123	193
Florence Manufacturing Company. (See Ely, Frederick C., assignor.)						
Florence Manufacturing Company. (See Schwartz, Herman M., assignor.)						
Flores, Alfredo, New York, N. Y., assignor of two-thirds to J. L. Weaver, Boise, Idaho. Motor power-machine.....	818,366	Apr. 17	3618	775-6	121	2259
Florin, Jules, Roubaix, France. Manufacture of woven fabrics, &c.....	835,510	Nov. 13	1266		125	364
Florsheim & Son, S. (See Gardner, Marshall B., assignor.)						
Flory, Daniel S., North English, Iowa. Door-spring.....	817,168	Apr. 10	1228	252	121	1692
Flory, David M., and J. H. Barnhart, Logansport, Ind. Submerged heater.....	818,677	Apr. 24	4263	916	121	2453
Flory, Llewellyn H., Ashley, Pa. Hair-pin.....	813,787	Feb. 27	4520	998	120	2616
Flory, Reingspach & Co. (See Couleru-Meuri, Charles, assignor.)						
Flory, Thomas W., London, England. Power-transmitting mechanism.....	832,308	Oct. 2	593	111-12	124	1356
Floto, William H., Meyersdale, Pa. Wrench.....	817,761	Apr. 10	2252	484	121	1906
Flower, Walter L. (See Bell, Joseph B., assignor.)						
Flowers, Alonzo H., Miami, Fla. Column.....	812,033	Feb. 6	1015	221	120	1695
Flowers, Frank P., Toledo, Ohio. Folder for street-signs.....	827,355	July 31	5444	1132	123	1438
Flowers, George R., Philadelphia, Pa. Egg-beater.....	817,635	Apr. 10	2148	456	121	1884
Flowers, Isaac, Martelle, Iowa. Time-controlling mechanism for pumps.....	818,946	Apr. 24	4792	1030	121	2568
Floyd, Frank A., <i>et al.</i> (See Fraser, William K., assignor.)						
Floyd, George G., Granite, Ill., assignor to American Steel Foundries, New York, N. Y. Side frame for railway-car trucks.....	837,047	Nov. 27	4329	918	125	1200
Floyd, George G., Granite, Ill., assignor to American Steel Foundries, New York, N. Y. Railway-car truck.....	839,570	Dec. 25	4546	970	125	2607
Floyd, George G., Granite, Ill., assignor to American Steel Foundries, New York, N. Y. Car-truck.....	839,571	Dec. 25	4548	970	125	2607
Floyd, George G., Granite, Ill., assignor to American Steel Foundries, New York, N. Y. Car-truck side frame.....	839,572	Dec. 25	4549	970	125	2607
Floyd, Henry D., Lynn, Mass. Barrel-truck.....	825,898	July 17	2491	518	123	665
Floyd, John L., Ashpole, N. C. Seed-planter.....	815,413	Mar. 20	2911	604	121	742
Floyd-Wells Company. (See Brooke, Isaac, assignor.)						
Fluhr, Emil, assignor of one-half to J. I. Melville, Sprague, Wash. Bottle-closure.....	832,898	Oct. 9	1783	368	124	1682
Flugan, James G., Sr., Lisbon, Ohio. Railway-frog.....	830,406	May 15	2803	610	122	743
Flugan, James G., Sr., Lisbon, Ohio. Opera-chair.....	838,016	Dec. 11	1460	315-16	125	1760
Fluke, Farris S., and F. P. Vaughan, Chicago, Ill.; said Vaughan assignor to said Fluke. Nut-lock.....	839,281	Dec. 25	3971	853	125	2466
Fluke, James M., Nankin, Ohio. Culvert-machine.....	822,838	June 5	1205	247	122	1991
Flyberg, Anders G., Braddock, Pa. Pipe-coupling.....	820,774	May 15	3518	755	122	903
Flynn, Charles E., Pittsburg, Pa. Cleansing device.....	834,667	Oct. 30	5553	1179	124	2732
Flynn, Edward, trustee, <i>et al.</i> (See Duncan, Perry R., assignor.)						
Flynn, John E., Logue, Pa. Grab-hook.....	815,085	Mar. 13	2165	457	121	527
Flynn, John K., Duluth, Minn. Stump-puller.....	813,696	Feb. 27	4345	956	120	2579
Flynn, Michael J., New York, assignor of one-half to E. W. McCarty, Brooklyn, N. Y. Door-check.....	831,051	Sept. 18	2319	489	124	644
Flynn, Peter H., New York, N. Y. Bridle-bit.....	821,033	May 22	4122	876	122	1097
Flynn, Stephen P., Los Angeles, Cal. Tobacco-pipe and tube cleaner.....	826,717	Oct. 24	4152	863	123	1102
Flynn, William, Nashville, Tenn. Vehicle-wheel rim.....	833,378	Oct. 16	2747	578	124	1974
Flynn, William D., Spray, N. C. Suspenders.....	814,125	Mar. 6	251	47	121	56
Flynn, William D., Spray, N. C. Buckle.....	825,880	July 10	2457	512	123	644
Flynt, Dudley H., Grand Island, assignor of one-half to W. W. White, North Platte, Nebr. Caboose signal-lamp.....	831,273	Sept. 18	2773	585	124	752
Flynt, Louis W. G. (See Olson and Flynt.)						
Flynt, Louis W. G., assignor to Q. W. and I. E. Booth, Rochester, N. Y. Clutch.....	817,309	Apr. 10	1513	317	121	1750
Foans, Andrew B., New York, N. Y. Arch construction.....	824,636	June 26	4776	1017-18	122	2929
Focht, George, Hoboken, N. J. Street-sweeper's cart.....	808,739	Jan. 2	235	51	120	54
Focht, Henry. (See Kissinger, Amos, assignor.)						
Foehl, Charles. (See Kolb and Foehl.)						
Foerster, Norbert, New York, N. Y. Weft-replenishing mechanism for looms.....	817,237	Apr. 10	1370	288	121	1722
Foerster, Norbert, Passaic, N. J. Warp stop-motion for looms.....	818,367	Apr. 17	3620	776-7	121	2260
Foerster, Norbert, Passaic, N. J. Warp stop-motion.....	818,368	Apr. 17	3622	777	121	2260
Foerster, Norbert, assignor, by mesne assignments, of two-fifths to American Textile Specialty Machinery Company, New York, N. Y. Automatic filling-replenishing mechanism for looms.....	815,948	Mar. 27	3980	843	121	1023
Foerster, Norbert, assignor, by mesne assignments, of two-fifths to American Textile Specialty Machinery Company, New York, N. Y. Shuttle for weft-replenishing mechanisms.....	815,949	Mar. 27	3984	844	121	1024
Foerster, Norbert, and D. J. Carey; said Carey assignor to said Foerster and American Textile Specialty Machinery Company, New York, N. Y. Filling-replenishing mechanism for looms.....	817,236	Apr. 10	1365	287-8	121	1722
Foerster, Norbert, D. J. Carey, and W. A. Foster; said Carey assignor to American Textile Specialty Machinery Company, New York, N. Y. Shuttle-box.....	815,950	Mar. 27	3985	844	121	1024
Foerster, Norbert, D. J. Carey, and W. A. Foster; said Carey assignor to American Textile Specialty Machinery Company, New York, N. Y. Weft-replenishing loom.....	815,951	Mar. 27	3987	844-5	121	1025
Foerster, Norbert, D. J. Carey, and W. A. Foster; said Carey assignor to American Textile Specialty Machinery Company, New York, N. Y. Filling stop-motion for looms.....	815,952	Mar. 27	3989	845	121	1025
Foerster, Norbert, D. J. Carey, and W. A. Foster; said Carey assignor to American Textile Specialty Machinery Company, New York, N. Y. Shuttle.....	815,953	Mar. 27	3992	845-6	121	1025
Fogarty, Edward J., South Bend, Ind. Railway-crossover.....	831,782	Sept. 25	3792	794	124	1054

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Fogg, Charles F., New York, N. Y., assignor to Automatic Butter-Cutter and Weigher Co. Butter-cutter.	818,757	Apr. 24	4441	951	121	2492
Fogler, George L., Pittsburg, Pa. Reducing metals.	826,557	July 24	3834	794	123	1019
Foizey, James W., Newport News, Va. Sanding device.	834,116	Oct. 23	4448	945	124	2426
Fola, José, Valencia, Spain. Propeller.	838,313	Dec. 11	2081	450	125	1914
Folberth, William, Cleveland, Ohio. Transmission-gear.	817,908	Apr. 17	2717	590	121	2066
Folden, Warner L., assignor of one-half to L. E. Mack, Lincoln, Nebr. Oil-pump.	832,573	Oct. 2	1099	222	124	1478
Folen, Nels P. J. (See Vandergoot and Folen.)						
Foley, Hugh B., Seattle, Wash. Saw-filer.	837,922	Dec. 11	1277	279	125	1714
Foley, Philip J. (See Johnston and Foley.)						
Foley, Thomas F., Washington, D. C. Combined ventilator and clean-out for sewer-traps.	827,858	Aug. 7	333	71	123	1753
Foley, William L., <i>et al.</i> (See Martyn, Harry M., assignor.)						
Folger, Harry S., Chicago, Ill. Pocket-seal.	836,108	Nov. 20	2378	502	125	687
Folger, Henry C., West Somerville, Mass. Vehicle-tire.	815,279	Mar. 13	2556	538	121	615
Follett, Charles M., Montgomery, Mich. Fence-stay.	831,714	Sept. 25	3678	769	124	1025
Follett, Charles S. (See Thompson, Guy M., assignor.)						
Follett Manufacturing Company. (See Follett, Wilbur I., assignor.)						
Follett, Wilbur I., Summit, N. J. Time-recording apparatus.	810,370	Jan. 16	3574	735	120	865
Follett, Wilbur I., Mendham, N. J., assignor to Follett Manufacturing Company, New York, N. Y. Hand dating-stamp.	813,635	Feb. 27	4233	930	120	2555
Follett, Wilbur I., and J. Alsenz, New York, N. Y.; said Alsenz assignor to said Follett. Time-recording apparatus.	838,855	Dec. 18	3122	672-3	125	2214
Follis, Lee W. (See Littleton, Hudson, and Follis.)						
Folsom, Clarence P. (See Huber and Folsom.)						
Folsom, Ernest B., assignor of one-half to W. E. Murray, San Francisco, Cal. Conveyer-belt.	829,579	Aug. 28	3865	820	123	2743
Folsom, Fred G., Boulder, Colo. Foot-ball bucking-strap.	829,580	Aug. 28	3867	820	123	2743
Folsom, Henry P., and H. Jones, Circleville, Ohio. Sterilized erected pole.	837,280	Dec. 4	1070	238	125	1619
Foltz, Edwin C., Louisville, Ky. Seed-separator.	823,111	June 12	1779	367	122	2163
Fonbonne, Eugene, Antwerp, Belgium. Acetylene-generator.	823,677	June 19	2925	618-19	122	2473
Fondu, Léon, Chapelle-lez-Herlaimon, Belgium. Automatic blow-off device for condensation-water.	834,286	Oct. 30	4516	1019	124	2566
Fontaine, Patrick H., Bethel Hill, N. C. Riding-saddle.	809,179	Jan. 2	1093	227	120	240
Fontaine, Samuel. (See Warren and Fontaine.)						
Fontaine, Thomas A., assignor of two-thirds to C. W. Pitts and M. Bass, Chicago, Ill. Auxiliary apparatus for supplying steam to radiators.	817,909	Apr. 17	2720	590	121	2066
Fontene, Herman A., assignor of one-half to D. W. Kellogg, Auburn, N. Y. Horse-collar.	822,204	May 29	6424	1364	122	1665
Fontheau, Frank, Attleboro, Mass. Comb.	832,899	Oct. 9	1784	368	124	1682
Fonville, William D. (See Carpenter and Fonville.)						
Food & Fiber Products Company. (See Manns, Albert G., assignor.)						
Foor, Frank E., Indianapolis, Ind. Combination-tool.	815,916	Mar. 20	3923	830-1	121	959
Foos Manufacturing Company. (See Adelsperger, Dow L., assignor.)						
Foot, James W., and M. F. Faul, Stratford, Canada. Closure for receptacles.	828,730	Aug. 14	2083	439	123	2218
Foot, William H., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Former for armature-coils.	838,017	Dec. 11	1462	316	125	1761
Foot, Abram L., Fayette, Iowa. Disk land-cultivator, road-machine, and farm-wagon.	816,085	Mar. 27	4279	907	121	1091
Foot, Frank M., Marshall, Mich. Ball-bearing.	836,672	Nov. 27	3535	754	125	1003
Foot, George D. (See Baldwin and Foot.)						
Foot, George T. S. (See Young, William B., assignor.)						
Foot, Lewis A., assignor to Chicago Car Seal & Manufacturing Company, Chicago, Ill. Seal-press.	811,283	Jan. 30	5431	1132	120	1339
Foot, Lewis A., assignor to Chicago Car Seal & Manufacturing Company, Chicago, Ill. Seal.	819,347	May 1	631	134	122	145
Forberg, John. (See Skov and Forberg.)						
Forbes, Alexander A., Duluth, Minn. Machine for molding building-blocks.	812,123	Feb. 6	1171	257-8	120	1727
Forbes, Alexander A., Duluth, Minn. Machine for making artificial stone.	819,746	May 8	1409	303	122	375
Forbes, Andrew. (See Hough, Benjamin B., assignor.)						
Forbes, Frederick J., and R. E. York, Portage, Wis. Lamp-socket adapter.	838,613	Dec. 18	2664	572	125	2101
Forbes, James L., Pine Apple, Ala. Churn.	817,310	Apr. 10	1515	317-18	121	1750
Forbes, John B., Mill Valley, Cal. Planer-head and cutter.	811,768	Feb. 6	437	95	120	1581
Forbes, John B., San Francisco, Cal. Planer-head.	811,769	Feb. 6	438	95	120	1581
Forbes, John S., Philadelphia, Pa. Distilling and condensing.	808,649	Jan. 2	56	12	120	15
Forbes, Thomas S., Glasgow, Scotland. Bayonet.	822,441	June 5	403	83	122	1812
Forbes, William I. (See Baumgartner, Joseph P., assignor.)						
Forbess, W. C., <i>et al.</i> (See Barnett, John B., assignor.)						
Force, William A. (See Spielmann, Charles, assignor.)						
Ford, Albert M. (See Dimmick and Ford.)						
Ford, Andrew F., Colfax, Wash. Rotary engine.	819,747	May 8	1411	304	122	375
Ford, Arthur W., Quincy, Mass. Metal column.	836,673	Nov. 27	3536	754	125	1003
Ford, Edward L., and C. F. Parks, Youngstown, Ohio. Blast-furnace-charging apparatus.	825,643	July 10	2010	419-21	123	536
Ford, George A., Cleveland, Ohio. Storage battery.	824,348	June 26	4181	894	122	2802
Ford, George A., assignor to H. S. Ford, Cleveland, Ohio. Storage battery.	829,643	Aug. 28	4002	848	123	2777
Ford, George H., New Haven, Conn. Buckle.	820,710	May 15	3399	727	122	876
Ford, George R. (See Allen and Ford.)						
Ford, Hannibal C., Jamaica, N. Y. Railway system.	809,794	Jan. 9	2377	491	120	555
Ford, Hannibal C., Jamaica, N. Y. Railway system.	815,086	Mar. 13	2166	457	121	527
Ford, Harriet S. (See Ford, George A., assignor.)						
Ford, James J. (See Rodney, Ford, Conroy, Burson, and Fitch.)						
Ford, John M., Barrow-in-Furness, England. Experimental tank for testing ships' models.	813,413	Feb. 27	3788	831-2	120	2455
Ford, John W., Findlay, Ohio. Spike.	835,944	Nov. 13	2072	442	125	561
Ford, John W., assignor of one-half to F. R. Davis, Alton, Ill. Scale.	824,854	July 3	356	66-7	123	98
Ford, Lizzie N. (See Graham, Ernest A., assignor.)						
Ford, Lizzie N., <i>et al.</i> (See Graham, Ernest A., assignor.)						
Ford, Patrick, Chicago, Ill. Tunnel-miner's power-shovel.	832,370	Oct. 2	702	135-6	124	1382
Ford, William E., Carthage, Mo. Ore-concentrator.	830,425	Sept. 4	1060	221	124	262
Fordyce, Edmond A., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Pneumatic-despatch-tube apparatus.	813,636	Feb. 27	4234	930	120	2555
Fore, Osmond O., Henriette, Minn. Railway-tie.	838,971	Dec. 18	3311	715-16	125	2257
Fore River Ship Building Company. (See Gould, Charles P., assignor.)						
Forehand, James E., Seattle, Wash. Shade-bracket and curtain-pole support.	816,855	Apr. 3	612	128	121	1494
Foreman, Charles V., Thurmont, Md. Dredging-machine.	830,426	Sept. 4	1064	222	124	263
Foreman, Lewis T., Omaha, Nebr. Swinging hose-bracket.	838,972	Dec. 18	3313	716	125	2257
Foreman, Samuel E., Paducah, Ky. Tool-handle.	811,390	Jan. 30	5626	1178	120	1381

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Forest, Edwin J. (See Johnson, John A., assignor.)						
Forgrove Machinery Company. (See Grover, Frederick, assignor.)						
Forgues, Laurence Z., assignor of two-thirds to A. R. Brillion and L. M. Bazinet, Woonsocket, R. I. Loom-picker	836,073	Nov. 13	2289	486	125	615
Forkarth, Josef F., Innsbruck-Wilten, Austria-Hungary. Type-writing machine	825,899	July 17	2492	518-19	123	665
Forker, William H., assignor of one-half to F. P. Hotchkiss, Meadville, Pa. Headlight	834,668	Oct. 30	5554	1179	124	2752
Forman, Allan. (See Hammarlund, Oscar, assignor.)						
Forman, George L., Louisville, Ky. Harness-saddle	816,450	Mar. 27	5024	1067	121	1248
Forquer, George, and A. R. Musick, Brashear, Mo. Spark-arrester	813,493	Feb. 27	3956	868	120	2495
Forrest, Frank J. (See Edwards, William, assignor.)						
Forrester, Eli T., Hot Springs, S. D. Railway-tie	810,200	Jan. 16	3211	665	120	784
Forrester, Eli T., Denver, Colo. Railway-rail joint	812,417	Feb. 13	1822	399	120	1936
Forrester, Eli T., Denver, Colo. Rail-fastener	816,788	Apr. 3	464	104	121	1460
Forrester, Jesse B. (See Sadtler, Morgan D., assignor.)						
Forrister, Isham G., Versailles, Ky. Rein-holder	812,034	Feb. 6	1016	221	120	1695
Forsberg, Carl J., Plainfield, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Turret-lathe	821,351	May 22	4754	1011-12	122	1238
Forsberg, Fredrik, Sandviken, Sweden. Manufacturing flat wire or bands of iron or steel	838,781	Dec. 18	2986	643	125	2180
Forsell, Frans E., Providence, R. I., assignor to J. N. Blackman, New York, N. Y. Phonograph-record cleaner	832,249	Oct. 2	477	88	124	1328
Forsyth, Jonathan, Phillipsburg, Pa. Machine for making shovel-handles	831,052	Sept. 18	2321	489-90	124	645
Forst, Henry J., Louisville, Ky. Grain-door for box-cars	837,553	Dec. 4	540	126	125	1489
Forster, Friedrich W., Burlington, Iowa. Pipe-cutter	833,035	Oct. 9	2030	427	124	1739
Forster, James W., Chicago, Ill. Incandescent lamp	830,477	Sept. 4	1169	245	124	289
Forster, John, St. Helens, England. Apparatus for the manufacture of glass cylinders	821,478	May 22	5015	1066-7	122	1293
Forster, John, Leicester, England. Machine for use in the manufacture of leather	832,786	Oct. 9	1549	319	124	1625
Forster, Matthew, La Fayette, Ind. Binder-frame	825,714	July 10	2159	451	123	573
Forster, William, Winona, Minn. Cement	830,986	Sept. 11	2175	124	576	
Forsyth, Henry H., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture	817,759	Apr. 17	2386	512	121	1992
Forsyth, Henry H., assignor to Curtain Supply Company, Chicago, Ill. Curtain-fixture	826,023	July 17	2734	566	123	731
Forsyth, Henry H., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J., and Chicago, Ill. Curtain-fixture	826,498	July 17	3696	766	123	972
Forsyth, James. (See Challenger, William, assignor.)						
Forsyth, James D., assignor of one-half to C. J. Koenig, Springfield, Ill. Churn	814,196	Mar. 6	375	76	121	82
Forsyth, Joseph E., Chicago, Ill. Train-pipe-coupling support	815,280	Mar. 13	2557	538	121	616
Forsyth, Robert H., Washington, D. C. Box for holding coins	810,742	Jan. 23	4330	900	120	1068
Forsyth, William H., assignor to "Nercumoff" Button Company, Limited, Bristol, England. Button	817,311	Apr. 10	1517	318	121	1751
Forsyth, William H., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J. Curtain for vestibule-cars	839,282	Dec. 25	3972	853	125	2467
Forsythe, Charles E., Dayton, Ohio. Noiseless pedal-action	829,004	Aug. 21	2622	553	123	2384
Forsythe, Edgar L., et al. (See Davidson, Edgar L., assignor.)						
Forsythe, John M., et al. (See Davidson, Edgar L., assignor.)						
Fort Wayne Foundry and Machine Company. (See Burger, Frederick W., assignor.)						
Forter-Miller Engineering Company. (See Miller, James C., assignor.)						
Forter-Miller Engineering Company. (See Miller, William R., assignor.)						
Forter-Miller Engineering Company. (See Miller and Cole, assignors.)						
Fortier-Beaulieu, Edouard, assignor to Ste. Fortier-Beaulieu, Jeune, Roanne, France. Cover for pneumatic tires	825,715	July 10	2160	451	123	573
Fortier-Beaulieu, Ste., Jeune. (See Fortier-Beaulieu, Edouard, assignor.)						
Fortier, Jean G. A., St. Paul, Minn. Card game	821,229	May 22	4495	957	122	1179
Fortin, Charles L., Ballston Spa, N. Y. Wrench	836,571	Nov. 20	3312	705	125	914
Fortune, John R., Boston, Mass. Boiler-furnace	835,106	Nov. 6	470	95-6	125	122
Forwood, Francis A., Chester, Pa. Implement for truing the internal forms of tubes	816,451	Mar. 27	5027	1067	121	1249
Forwood, Reginald, Paris, Tex. Mail-box signal	826,416	July 17	3472	722	123	909
Fosberg, Henry C., Falconer, N. Y. Eyeglass-cleaner	816,227	Mar. 27	4547	967	121	1147
Fosdick, Frederick, Fitchburg, Mass. Steam-engine valve mechanism	827,433	July 31	5638	1168	123	1485
Fosdick, William I. T. (See Delavan and Fosdick.)						
Fosdick, William I. T., Bridgeport, Conn., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Shutter-locking mechanism for voting-machines	824,349	June 26	4183	895	122	2802
Fosdick, William I. T., Bridgeport, Conn., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Shutter-locking mechanism for voting-machines	824,350	June 26	4187	895	122	2803
Fosdick, William I. T., Bridgeport, Conn., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Shutter-closing mechanism for voting-machines	824,639	June 26	4781	1019	122	2930
Fosdick, William I. T., Bridgeport, Conn., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Grouping mechanism for voting-machines	832,014	Sept. 25	4264	891	124	1171
Foskett, John T., Chicago, Ill. Dish scraper and cleaner	824,473	June 26	4458	945	122	2859
Fosnight, Charles E., Warren, Ohio. Hair-pin	811,628	Feb. 6	197	42	120	1528
Foss, Paul, Chicago, Ill. Automatic blank-feed for can-body-making machines	821,998	May 29	6028	1284	122	1574
Fosselman, Christian A., et al. (See Hirsch, Gustave L., assignor.)						
Fosselman, Christian A. (See Hirsch and Fosselman.)						
Fosson Wind Stacker Company. (See Wheeler and Spencer, assignors.)						
Foster, Aaron T., Chillicothe, Ohio. Curtain-fixture	829,517	Aug. 28	3740	794	123	2712
Foster, Aaron T., and M. L. Jones, Chillicothe, Ohio. Concrete-mold	820,188	May 8	2374	516	122	591
Foster, Charles H., St. Louis, Mo. Boiler-stand	828,882	Aug. 21	2385	508	123	2324
Foster, Charles H., St. Louis, Mo. Range-boiler stand	834,277	Oct. 30	4997	1057	124	2611
Foster, Charles H., St. Louis, Mo. Grindstone-fixture	836,443	Nov. 20	3083	653-4	125	858
Foster, Charles H., St. Louis, Mo. Boiler-stand	836,747	Nov. 27	3710	791	125	1049
Foster, Charles L., and P. K. Higgins, Los Angeles, Cal. Police signaling apparatus	812,733	Feb. 13	2430	532	120	2059
Foster, Edwin L. (See Young, George A., assignor.)						
Foster Engineering Co. (See Krichbaum, William F., assignor.)						
Foster, George D., assignor to John B. Foster and Brother, Newark, N. J. Siphon	822,356	June 5	256	54	122	1782
Foster, George H., assignor to Berkshire Specialty Company, Pittsfield, Mass. Door-securer	827,624	July 31	6078	1260	123	1596
Foster, George M. (See Saunders, Samuel L., assignor.)						
Foster, George W., Pawtucket, R. I. Thread-winding machine	813,372	Feb. 20	3698	813	120	2378
Foster, George W., Pawtucket, R. I. Tension device	828,203	Aug. 7	1006	209	123	1917
Foster, James H. (See Gartshore and Foster.)						
Foster, John, Rochester, N. Y. Stanchion	813,788	Feb. 27	4521	998	120	2616
Foster, John R., and F. P. Lang, Indianapolis, Ind. Block-mold	824,855	July 3	357	67	123	98
Foster, Jonas R., assignor to E. Faber, New York, N. Y. Pen-wiper	816,086	Mar. 27	4281	907	121	1091
Foster, Leroy A., Lagrange, Ind. Key-fastener	820,293	May 8	2587	564	122	639
Foster Machine Company. (See McKean, John O., assignor.)						
Foster, Robert J., Montreal, Quebec, Canada, assignor to Mergenthaler Linotype Company. Knife-wiper	832,661	Oct. 9	1299	261	124	1566

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Foster, Samuel P., Dalton, Ga. Stirrup and hammock spring	822,731	June 5	1010	207	122	1950
Foster, Samuel T., Jr., Victoria, Mexico, assignor of three-fourths to O. C. Billman, Lodi, Ohio. Electric gun.	811,913	Feb. 6	731	160	120	1639
Foster, Theodore W., Providence, R. I. Bracelet.	813,697	Feb. 27	4346	957	120	2579
Foster, Theodore W., Providence, R. I. Bracelet.	824,072	June 19	3661	779	122	2632
Foster, Theodore W., Providence, R. I. Bracelet.	824,073	June 19	3662	779	122	2632
Foster, Theodore W., Providence, R. I. Bracelet.	824,074	June 19	3663	780	122	2632
Foster, Theodore W., Providence, R. I. Bracelet.	830,987	Sept. 11	2175	459	124	576
Foster, W. S., et al. - (See Branson, Tilghman E., assignor.)						
Foster, Walter. (See Bixt, Terry, assignor.)						
Foster, Willard C., and L. E. Garrison; said Foster assignor to D. W. Phillippy, Kalamazoo, Mich. Washing-machine	832,787	Oct. 9	1551	319	124	1626
Foster, William A. (See Foerster, Carey, and Foster.)						
Foster, William F., East St. Louis, Ill. Plumb-level.	836,024	Nov. 13	2197	471	125	590
Fothergill, Edward, Foley, Minn. Cycle.	833,314	Oct. 16	2628	551	124	1942
Föttinger, Hermann, Stettin, Germany. Torsion-indicator.	828,731	Aug. 14	2085	439-40	123	2219
Fouché, Frédéric, Paris, France. Construction of metal radiators	838,703	Dec. 18	2839	610	125	2145
Foucher, Andrew J., Hope, Idaho. Boom-chain coupling.	827,795	Aug. 7	218	43	123	1725
Fougerat, Charles, Lyon, France. Apparatus for permitting the successive exhibition of photographs	808,830	Jan. 2	405	89	120	90
Foulk, Horace M., Oshkosh, Wis. Buggy	819,133	May 1	196	40	122	49
Foulk, Horace M., Oshkosh, Wis. Running-gear for vehicles	833,379	Oct. 16	2748	579	124	1974
Foulk, Horace M., Oshkosh, Wis. Oscillating supporting device for vehicles	833,380	Oct. 16	2749	579	124	1974
Foulton, Peter J., Union Hill, N. J., assignor of one-half to H. J. Müller, New York, N. Y. Vessel for containing fluids under pressure.	837,395	Dec. 4	233	59	125	1414
Fountain, John C., assignor of one-half to V. Ratz, Parkhill, Ontario, Canada. Exhaust-condenser.	834,514	Oct. 30	5247	1115	124	2675
Fountain, William J., Chicago, Ill. Chair	827,225	July 31	5195	1078-9	123	1379
Four Wheel Drive Wagon Company. (See Hansen, Hans T., assignor.)						
Fourcault, Emile, Lodelinsart, Belgium. Apparatus for the manufacture of continuous sheets of glass.	837,212	Nov. 27	4630	984	125	1275
Fourcault, Emile, Lodelinsart, Belgium. Apparatus for the manufacture of continuous sheets of glass.	837,265	Nov. 27	4738	1003-4	125	1301
Fourcault, Emile, Lodelinsart, Belgium. Apparatus for drawing continuous sheets of glass.	837,821	Dec. 4	1072	239	125	1619
Fourcault, Emile, Lodelinsart, Belgium. Supplying-float for drawing sheets of glass	837,822	Dec. 4	1074	240	125	1620
Fourneau, Ernest, Paris, France. Making alkamins.	828,846	Aug. 14	2303	123	122	2274
Fourneau, Ernest, Paris, France. Preparation of amino alcohol.	829,262	Aug. 21	3186	123	123	2530
Fourneau, Ernest, Paris, France. Producing amino-alkylesters.	829,374	Aug. 21	3416	123	123	2585
Fourneaux, Emile A., assignor to H. A. Metz, New York, N. Y. Formaldehyde hydrosulfite and making same	812,124	Feb. 6	1176	120	1729	
Fourneaux, Emile A., assignor to H. A. Metz, New York, N. Y. Making zinc formaldehyde hydrosulfite, (S)	814,031	Mar. 6	70	121	17	
Fourneaux, Emile A., assignor to H. A. Metz, New York, N. Y. Making basic zinc formaldehyde hydrosulfite, (S)	814,032	Mar. 6	71	121	17	
Fourness, Walter A., New York, N. Y. Apparatus for producing gas.	829,518	Aug. 28	3741	794-5	123	2712
Fournier, Frederick, assignor of one-third to R. E. Van Syckle, Detroit, Mich. Building-block	834,610	Oct. 30	5438	1155	124	2721
Foust, Herbert M. (See Falkner and Foust.)						
Foust, James A., assignor of one-half to L. Perrenoud, Humboldt, Kans. Flash-light apparatus.	832,662	Oct. 9	1300	261-2	124	1566
Foust, William N., Summit township, Crawford county, Pa. Noodle-cutter.	818,426	Apr. 24	3748	805	121	2343
Fouts, Calvin C., Middletown, Ohio. Corn-popper.	834,898	Nov. 6	45	9	125	14
Fouts, George S., San Francisco, Cal. Automatic cable-chain grip.	828,645	Aug. 14	1911	401-2	123	2175
Foveaux, Frank J., Alameda, Cal., assignor to Mutual Gas and Engineering Company. Controller for distribution of fluids in cities.	821,160	May 22	4372	930	122	1152
Fowden, Robert A., Philadelphia, Pa. Aquatic amusement apparatus.	824,107	June 26	3715	793-4	122	2702
Fowhl, Henry K., Allegheny, Pa. Folding table.	830,314	Sept. 4	836	172	124	209
Fowle, Charles L., assignor to Dowagiac Manufacturing Company, Dowagiac, Mich. Seedbox for grain-drills.	808,979	Jan. 2	718	155	120	159
Fowler, Adolphus L. (See Fowler, Edward, assignor.)						
Fowler, Alfred B., Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Shuttle-actuating mechanism for sewing-machines.	820,964	May 22	3976	844	122	1065
Fowler, Benjamin F., Minneapolis, Minn. Lamp-burner	826,156	July 17	2990	621	123	793
Fowler, C. W., et al. (See Latimer, Samuel A., assignor.)						
Fowler, Charles E., Seattle, Wash. Bridge-pier.	828,469	Aug. 14	1566	331	123	2086
Fowler, Clarence C., and D. S. Dick, Salt Lake City, Utah. Oil-cloth cutter.	830,706	Sept. 11	1671	344	124	450
Fowler, Del Roy F., Melrose, Pa. Portable bath.	821,230	May 22	4495	957	122	1179
Fowler, Edward, Cedar Grove, Ga. Disk-sharpening attachment for agricultural machines.	829,519	Aug. 28	3745	795	123	2713
Fowler, Edward, assignor of one-half to A. L. Fowler, Cedar Grove, Ga. Wheel disk plow.	819,532	May 1	981	214-15	122	220
Fowler, Edward, assignor of one-half to O. T. and J. L. Simmons and B. V. Kell, Cedar Grove, Ga. Disk plow.	819,533	May 1	983	215-16	122	221
Fowler, Edward, assignor of one-half to A. L. Fowler, O. T. and J. L. Simmons, and B. V. Kell, Cedar Grove, Ga. Bearing and scraper for disk plows.	819,701	May 1	1310	285	122	294
Fowler, Frank. (See Spillman and Fowler.)						
Fowler, Hamilton P., Simpsonville, S. C. Razor-sharpener.	817,479	Apr. 10	1862	392	121	1824
Fowler, John, Jacksonville, Fla. Rotary engine.	814,126	Mar. 6	252	48	121	56
Fowler, John E., assignor of one-half to H. H. Beck, Youngstown, Ohio. Casting brass or other copper alloys into metallic molds.	826,157	July 17	2992	123	793	
Fowler, Lewis D., assignor of one-half to I. A. Kness, Oklahoma, Okla. Ter. Folding transportation poultry-coop	811,047	Jan. 30	4954	1034	120	1237
Fowler, Samuel B., assignor to Sterling Electric Company, La Fayette, Ind. Telephone system	824,856	July 3	359	68	123	98
Fowler, Samuel J., Cambridge, Mass. Stand-pipe and connection for gas-retorts.	808,831	Jan. 2	406	89-90	120	90
Fowler, Thomas, Beaumont, Tex. Car-truck bolster	811,493	Jan. 30	5802	1215	120	1416
Fowler, Thomas R. (See Tabler, Frank C., assignor.)						
Fowler, William, Colorado Springs, Colo. Electrical hose signaling apparatus	811,836	Feb. 6	559	124-5	120	1604
Fox, Alvin M. (See Hale and Fox.)						
Fox, Annie, Marlette, Mich. Jar-holder.	813,789	Feb. 27	4522	998	120	2617
Fox, Annie H., Philadelphia, Pa. Barrel-locking device for breakdown guns.	810,046	Jan. 16	2893	597	120	719
Fox, Arthur W. (See Haviland, Henry F., assignor.)						
Fox, Charles A., assignor of one-half to A. V. Taylor, Hanford, Cal. Orchard-plow	820,635	May 15	3245	698	122	843
Fox, Charles A., and F. L. Webb, Jr., Syracuse, N. Y. Fire-extinguisher.	837,678	Dec. 4	805	183	125	1555

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Fox, Frank A. (See Graham and Fox.)						
Fox, Harry H., Duquesne Junction, Pa. Traction-increasing device for street-cars	821,352	May 22	4759	1012	122	1239
Fox, Herbert W., Colorado Springs, Colo. Roasting-furnace	827,226	July 31	5196	1079	123	1379
Fox, James O., Batesville, Ark. Sash-fastener	836,313	Nov. 20	2815	597	125	798
Fox, John, Torrington, Conn. Combination pedal and toe-clip	827,356	July 31	5445	1132	123	1438
Fox, John H., New York, assignor to Mott Carbonator Company, Utica, N. Y. Beverage-carbonator	813,414	Feb. 27	3789	832	120	2455
Fox, John W. (See Fox, Lloyd L. and J. W.)						
Fox, John W., East Huntingdon township, Westmoreland county, Pa. Stone-cutter's chisel	822,205	May 29	6425	1364	122	1665
Fox, Lloyd L. and J. W., Lowell, Me. Horse-detacher	829,520	Aug. 28	3748	796	123	2714
Fox Machine Company. (See Fox and Barrett, assignors.)						
Fox, Martin W. (See Held, Fox, Lund, and Jenson.)						
Fox, Philo L., Bridgeport, Conn. Adjustable and separable square and miter	821,092	May 22	4244	903	122	1123
Fox, Philo L., Bridgeport, Conn. Adjustable and separable square and miter	827,093	May 22	4246	903	122	1123
Fox, Philo L., Bridgeport, Conn. Implement for laying out miters and octagons	821,094	May 22	4247	903	122	1123
Fox, Samuel S., Marion, Ohio. Card case or holder	839,745	Dec. 25	4913	1050	125	2697
Fox, Washington I., Burlington, Vt., assignor of one-fourth to G. A. Showell, Lawrence, Mass. Lock-indicator	816,310	Mar. 27	4707	999	121	1183
Fox, William R., Grand Rapids, Mich. Ball retaining and locating device for type-writers	819,270	May 1	483	100	122	112
Fox, William R., Grand Rapids, Mich. Changeable gear	829,068	Aug. 21	2761	580-1	123	2421
Fox, William R., Grand Rapids, Mich. Tabulator for type-writers	839,129	Dec. 25	3669	791	125	2394
Fox, William R., Grand Rapids, Mich. Stop device for type-writers	839,746	Dec. 25	4914	1050	125	2697
Fox, William R. and G. J. Barrett, assignors to Fox Machine Company, Grand Rapids, Mich. Ribbon mechanism for type-writers	837,554	Dec. 4	542	127	125	1490
Fox, William T., Rochester, N. Y. Gas-engine	809,292	Jan. 9	1371	278-9	120	337
Foxlee, John E., Billerica, England. Oil-lamp	817,967	Apr. 17	2838	615	121	2094
Foy, Patrick, Roanoke, Va. Clothes-drier	835,671	Nov. 13	1570	335	125	439
Fraas, Ferdinand, et al. (See Landau, John, assignor.)						
Frachebourg, Jean, assignor to Société du Photochrome, Paris, France. Photographic camera	827,967	Aug. 7	548	112-13	123	1809
Frachebourg, Jean, assignor to Société du Photochrome, Paris, France. Frame with triple plate-holders for color photography	833,782	Oct. 23	3567	762	124	2212
Frack, Oliver, and A. C. Bowker, St. John, Kans. Straw-spreader	828,204	Aug. 7	1007	209-10	123	1917
Frain, Charles F., Syracuse, N. Y. Combined drill-block and bench-block	827,062	July 24	4820	1004	123	1266
Frain, Charles F., Syracuse, N. Y. Card-serving machine	831,851	Sept. 25	3931	822	124	1087
Fraley, Gassner F., New York, N. Y. Flash-lamp for photographers' use	835,240	Nov. 6	736	153	125	186
Fraley, Gassner F., New York, N. Y. Photographic vignetter	837,048	Nov. 27	4330	918	125	1200
Fraley, George B., assignor to Electric Thermo-Vibra Company, Philadelphia, Pa. Massage apparatus	818,618	Apr. 24	4150	892	121	2428
Fralick, Charles F. (See Waite and Fralick.)						
Frame, Joseph N., Lewistown, Mo. Corn-planter	818,532	Apr. 24	3969	852	121	2389
Framingham Chair Company. (See Ordway, Albert H., assignor.)						
France, Claud D., Vandergrift, Pa. Jacket for rolls	826,841	July 24	4387	913	123	1162
Francfort, Alfred H., Jersey City, N. J., assignor to Niagara Hydraulic Engine Co. Air-feed for hydraulic rams	835,855	Nov. 13	1913	404	125	524
Francis, Adolphus S., London, England. Incandescent gas burner and lamp	820,711	May 15	3401	727	122	876
Francis, Albert W., assignor of one-half to E. C. Rebeske, Beaver Falls, Pa. Regulator	815,806	Mar. 20	3698	779	121	911
Francis, Allan E., Cleveland, Ohio. Engraving-machine	829,771	Aug. 28	4281	905	123	2845
Francis, Barbara J. (See Bucklin, Charles A., assignor.)						
Francis, Evan J. (See Totten, Robert C., assignor.)						
Francis, Evan J., New Kensington, assignor of one-half to R. C. Totten, Pittsburg, Pa. Roll, journal-bearing, and the like	827,689	July 31	6232	1294	123	1638
Francis, James H. (See Bowser and Francis.)						
Francis, Loftus H., Princeton, assignor of one-half to C. L. Donohoe and F. Freeman, Willow, Cal. Treating leather with coal-tar	834,199	Oct. 23	4620		124	2471
Francisco, Joseph B., Columbus, Ohio. Mold for the manufacture of concrete building-blocks	838,704	Dec. 18	2839	610	125	2145
Franciscus, Constant. (See Brown and Franciscus.)						
Frank, Alfred A., Jersey City, N. J. Door-check	831,220	Sept. 18	2654	558	124	720
Frank, John. (See Hicks and Frank.)						
Frank, Albert, assignor of one-half to F. Weisz, New York, N. Y. Non-refillable bottle	828,395	Aug. 14	1412	298	123	2046
Frank, Beecher, assignor to J. T. McBride, P. J. Gabrel, and Akron Tent and Awning Company, Akron, Ohio. Awning	829,772	Aug. 28	4282	906	123	2845
Frank, David, et al. (See Schoettl, Jaeger, and Walsleben, assignors.)						
Frank & Dugan. (See Benz, Frederick, Sr., assignor.)						
Frank, George, Titonka, Iowa. Earth-auger	838,614	Dec. 18	2666	572	125	2101
Frank, Harry J., Philadelphia, Pa. Dumping-wagon	812,734	Feb. 13	2432	532-3	120	2059
Frank, Henry C., New York, N. Y. Cuff-holder	811,210	Jan. 30	5289	1106	120	1308
Frank, Henry C., New York, N. Y. Clasp	819,534	May 1	985	216	122	221
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Transformer	808,740	Jan. 2	237	51	120	54
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Transformer	833,207	Oct. 16	2408	504-5	124	1885
Frank, Marcus, Cincinnati, Ohio. Sound-sensitizer	836,674	Nov. 27	3537	754	125	1004
Frank, Maxwell C., Berkeley, Cal. Luminous covering	832,543	Oct. 2	1043	209	124	1465
Frank, Miles E., Larned, Kans. Combination egg-beater and potato-masher	833,518	Oct. 16	3049	647	124	2042
Frank, Otto, and P. J. McCaffrey, Brooklyn, N. Y. Electric switch for electric-railway cars	817,366	Apr. 10	1615	342	121	1773
Frank, Robert J., assignor to Standard Audit Company, Chicago, Ill. Loose-leaf ledger	809,914	Jan. 9	2601	536	120	605
Frank, Salomon, Frankfort-on-the-Main, Germany. Metal bar-links and bands, &c., formed of them	829,581	Aug. 28	3868	820	123	2744
Frank, William, Guttenberg, N. J. Dough-rolling machine	832,470	Oct. 2	907	176	124	1430
Franke, Adolf, Gross Lichterfelde, Germany. Apparatus for the telegraphic transmission of written characters	829,263	Aug. 21	3189	670-1	123	2530
Franke, Emil, Astoria, N. Y. Polishing device	819,271	May 1	485	100	122	113
Franke, Herman L., Chicago, Ill. Card-holder	814,438	Mar. 6	895	184	121	195
Franke, Paul R. (See Borchers, Franke, and Günther.)						
Frankem, Isaac L., Indianapolis, Ind. Dish-washing machine	818,427	Apr. 24	3748	805	121	2343
Frankenberg, Frederick G., Chicago, Ill. Machine for bending and coiling metal ribbons	828,732	Aug. 14	2089	441	123	2220
Frankenstein, Arthur, et al. (See Meyer, Sophie, assignor.)						
Frankenstein, Edwin, et al. (See Meyer, Sophie, assignor.)						
Frankl, Frederick, East Orange, N. J. Artificial animal-head	827,357	July 31	5446	1132	123	1438
Franklin, Edward A., Austin, Tex. Vapor-burner	813,494	Feb. 27	3957	868	120	2495
Franklin, Edward A., North Chicago, Ill. Churn-dasher	835,672	Nov. 13	1571	336	125	440
Franklin, James W., Boston, Ga. Nut-lock	812,035	Feb. 6	1017	222	120	1695

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Franklin, Louis S., Buffalo, N. Y. Fire-escape.....	819,419	May 1	774	166	122	175
Franklin, Minnie. (See Jones, Minnie.).....						
Franklin, Robert M., Galveston, Tex. Trap for crustacea.....	833,737	Oct. 23	3480	743	124	2191
Franklin, William S. (See Seyfert, Stanley S., assignor.).....						
Franks, Daniel E., assignor of one-half to G. W. Crosby, Crystal River, Fla. Wood-sawing machine.....	831,715	Sept. 25	3679	770	124	1025
Franquist, Gustave E., New York, N. Y. Muffler.....	813,203	Feb. 20	3359	738	120	2307
Franquist, Gustave E., New York, N. Y. Clutch.....	816,906	Apr. 3	711	146	121	1516
Franquist, Gustave E., New York, N. Y. Electric ignition apparatus.....	820,636	May 15	3246	698	122	844
Franquist, Gustave E., New York, N. Y. Controller for motor-vehicles.....	825,531	July 10	1738	366	123	467
Franquist, Gustave E., New York, N. Y. Steering-head for motor-vehicles.....	825,593	July 10	1867	395	123	497
Franquist, Gustave E., New York, N. Y. Reach-rod for motor-vehicles.....	825,594	July 10	1869	396	123	498
Franquist, Gustave E., New York, N. Y. Friction-clutch.....	827,091	July 31	4899	1022	123	1300
Franquist, Gustave E., New York, N. Y. Thrust-bearing.....	835,853	Nov. 13	1909	404	125	523
Franquist, Gustave E., New York, N. Y. Valve.....	835,854	Nov. 13	1910	404	125	523
Franquist, Gustave E., New York, N. Y. Deformation-clutch.....	839,463	Dec. 25	4328	924-5	125	2554
Franson, Fredrick R. (See Hand and Franson.).....						
Frantz, Hiram A., Cherryville, Pa. Explosive-engine.....	830,144	Sept. 4	488	98-9	124	123
Frantz, Hiram A., Cherryville, Pa. Electric sparking mechanism for explosive-engines.....	831,274	Sept. 18	2776	585	124	753
Frantz, Peter. (See Dillon and Frantz.).....						
Frantz, William B., Lansing, Kans. Ore-separator.....	829,959	Sept. 4	50	9-10	124	12
Frantzen, Arthur, and W. H. Rattenburr, Chicago, Ill. Conduit outlet-box.....	826,097	July 17	2888	599	123	769
Franz, Charles J., Baltimore, Md. Button or check.....	810,635	Jan. 23	4151	858	120	1027
Franz, Frederick, Corona, N. Y. Tool for grinding glass plates.....	809,499	Jan. 9	1812	373	120	433
Franzen, Nicklas, Monongahela, Pa. Method of and machine for making wire-glass.....	835,511	Nov. 13	1267	272	125	364
Franzen, Nicklas, Dunbar, assignor to W. L. Munro, Pittsburg, Pa. Wire-glass machine.....	822,357	June 5	257	54	122	1782
Franzen, Nicklas, Dunbar, assignor to W. L. Munro, Pittsburg, Pa. Method of and machine for forming wire-glass.....	823,112	June 12	1780	367	122	2163
Franzen, Nicklas, Monongahela, assignor to Pittsburg Plate Glass Company, Pittsburg, Pa. Method of and machine for making wire-glass.....	839,573	Dec. 25	4551	970-1	125	2608
Franzen, Nicklas, Monongahela, assignor to Pittsburg Plate Glass Company, Pittsburg, Pa. Method of and machine for making wire-glass.....	839,574	Dec. 25	4553	971	125	2608
Franzen, Nicklas, Walton, assignor to Pittsburg Plate Glass Company, Pittsburg, Pa. Machine for making wire-glass.....	839,575	Dec. 25	4555	971	125	2609
Franzmeier, Louis, Newton, Wis. Windrower.....	821,794	May 29	5649	1204	122	1490
Fraser, Donald, Milwaukee, Wis. Fishing-tackle.....	831,150	Sept. 18	2531	533	124	690
Fraser, Ethelbert M., Yonkers, N. Y., assignor to Fraser Hydraulic Compensator Company, San Francisco, Cal. Rotary pump and motor.....	815,522	Mar. 20	3098	647	121	783
Fraser, Ethelbert M., Yonkers, N. Y., assignor, by mesne assignments, to Fraser Hydraulic Compensator Company. Hydraulic elevator and other hydraulic apparatus.....	822,595	June 5	734	148-9	122	1890
Fraser, George H. (See Weikly, James N., assignor.).....						
Fraser Hydraulic Compensator Company. (See Fraser, Ethelbert M., assignor.).....						
Fraser, John, Ingleside, Pa. Metallic tie and rail-fastener.....	835,856	Nov. 13	1915	405	125	524
Fraser, Robert D., Lewiston, Me. Loom-shuttle.....	814,033	Mar. 6	72	13	121	17
Fraser, Robert G., Philadelphia, Pa. Window-fastener.....	814,439	Mar. 6	895	184	121	195
Fraser, Warren F., Dorchester, Mass. Device for feeding lacing-hooks and the like.....	828,396	Aug. 14	1413	299	123	2046
Fraser, William K., Brewer, assignor of one-fourth to J. H. Burgess, Bangor, and F. A. Floyd, Brewer, Me. Elevator-guard.....	830,427	Sept. 4	1066	222-3	124	264
Fravel, Jesse, Dayton, Ohio. Barrel-carrier.....	831,424	Sept. 18	3055	647	124	824
Frayer, Lee A., and W. J. Miller, Columbus, Ohio. Engine-driven blower for explosion-engines.....	813,204	Feb. 20	3360	738	120	2307
Frayer, Lee A., and W. J. Miller, assignors to Oscar Lear Automobile Company, Columbus, Ohio. Air-cooling device for explosive-engines.....	835,277	Nov. 6	803	168	125	203
Frazee, Cassius F., Portland, Oreg. Shaft-binder.....	832,015	Sept. 25	4266	891	124	1172
Frazee, Jackson F., San Francisco, Cal. Support for punching-bags.....	823,594	June 19	2761	585	122	2436
Frazee, Jackson F., San Francisco, Cal. Multiple ball-bearing support for punching-bags.....	823,595	June 19	2763	585	122	2436
Frazee, William, et al. (See Faulk, James M., assignor.).....						
Frazier, Anne E. W., Washington, D. C. Amusement-railway.....	811,211	Jan. 30	5290	1107	120	1308
Frazier, Charles, Bennington, Vt. Stereoscope.....	819,272	May 1	486	100	122	113
Frazier, James S., Mount Vernon, N. Y. Railway-tie.....	826,718	July 24	4153	863	123	1102
Frazier, Joseph C. W. (See Morse and Frazier.).....						
Frazey, Jefferson D., Antonito, Colo. Vending device.....	836,675	Nov. 27	3538	754-5	125	1004
Frazier, Charlie A., assignor of one-third to T. J. Wilson, Nashville, Cal. Hoisting-engine.....	826,158	July 17	2993	622	123	793
Frazier, George W., Detroit, Mich., assignor of one-half to G. F. Merriman. Skirt-marker.....	817,760	Apr. 17	2389	513	121	1993
Frazier, George W., Allegheny, assignor to Pittsburgh Electrolytic Manufacturing Company, Pittsburg, Pa. Electrolytic ship-bottom cleaner.....	820,105	May 8	2219	482	122	558
Frazier, James L., Peoria, Ill. Splicing-socket for cables.....	816,721	Apr. 3	340	78	121	1435
Frazier, James M. (See McFarlane, James L., assignor.).....						
Frazier, Lee. (See Morris, George, assignor.).....						
Frazier, Thomas, Hiawatha, Kans. Plate-securer.....	817,109	Apr. 3	1092	227	121	1601
Frech, George F. (See Wolfe and Frech.).....						
Fréchette, Isaie, Montreal, Canada. Hair and hat securing device.....	817,238	Apr. 10	1371	288	121	1723
Fred Ade Company. (See Sanger, John N., assignor.).....						
Fred M. Prescott Steam Pump Company. (See Worden, Euclid P., assignor.).....						
Freda, Frank J., Detroit, Mich. Buttonhole attachment for sewing-machines.....	808,914	Jan. 2	582	128	120	127
Fredell, John C., Pocatello, Idaho. Electrically-controlled optical appliance.....	830,217	Sept. 4	645	129-30	124	163
Frederick, Brainard M. (See Walker and Frederick.).....						
Frederick, Charles W. H., Melrose, Mass. Car-seat cushion.....	832,471	Oct. 2	909	176	124	1431
Frederick, Edward P., St. Louis, Mo. Grip for aerial-tramway cables.....	818,428	Apr. 24	3750	805	121	2343
Frederick, Edward P., St. Louis, Mo. Grip for aerial-tramway cables.....	818,429	Apr. 24	3751	806	121	2343
Frederick, Emil R., Holland, Mich. Lawn-rake.....	828,646	Aug. 14	1916	402	123	2176
Frederick, Francis M., Oak Station, Pa. Car-tender.....	834,717	Oct. 30	5653	1199	124	2778
Frederickson, Clayton E. (See Webb and Frederickson.).....						
Fredlund, Henning A., Dubuc, Canada. Rotary engine.....	809,180	Jan. 2	1095	228	120	241
Fredrick, Henry, Newark, N. J. Water-meter.....	818,430	Apr. 24	3753	806-7	121	2344
Fredrickson, Hans, Portland, Oreg. Shoe-fastener.....	822,206	May 29	6426	1365	122	1665
Free, John W., assignor to International Malt Machine Company, New York, N. Y., and Standard Finance Company. Malting apparatus.....	836,925	Nov. 27	4073	869-70	125	1138
Free, William C., assignor to Illinois Sewing Machine Company, Chicago, Ill. Sewing-machine.....	830,059	Sept. 4	297	60	124	73
Freeborn, Grant E., Belfast, N. Y. Dental-plate swage.....	815,807	Mar. 20	3699	780	121	911
Freeborne, Thomas W., Newport, R. I. Sound-deflector for pianos.....	831,852	Sept. 25	3935	822	124	1088
Free, William S., Bay City, Mich. Fishing device.....	811,555	Feb. 6	33	8	120	1492

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Freel, William S., Bay City, Mich. Non-refillable bottle.	816,789	Apr. 3	465	104	121	1460
Freeman, C. F., <i>et al.</i> (See Dunkle, George H., assignor.)						
Freeman, Chester M., Brookline, Mass. Dental handpiece.	831,943	Sept. 25	4132	861	124	1136
Freeman, Douglas E., assignor of one-half to C. K. Grable, Tampa, Fla. Index system.	821,710	May 29	5485	1168	122	1452
Freeman, Frank, <i>et al.</i> (See Francis, Loftus H., assignor.)						
Freeman, Frank A. (See Croasdale, John P., assignor.)						
Freeman, Frank A., Philadelphia, Pa. Fastening device.	811,494	Jan. 30	5803	1215	120	1417
Freeman, George A., Grampian, and C. E. Zortman, Cresson, Pa. Combined rail and spike brace.	816,452	Mar. 27	5029	1067	121	1249
Freeman, George B., Racine, Wis. Back for folding stools.	823,596	June 19	2764	585	122	2436
Freeman, J. H. (See Howell, Noah, assignor.)						
Freeman, James P., <i>et al.</i> (See Dunkle, George H., assignor.)						
Freeman, John, Bristol, England. Brake for vehicles.	829,706	Aug. 28	4137	875	123	2808
Freeman, John R., Providence, R. I. Drawer-support.	814,197	Mar. 6	376	77	121	82
Freeman, John W., Joplin, Mo. Tube-cutting machine.	827,227	July 31	5197	1079-80	123	1379
Freeman, Leon A. (See Mentzer, Claude E., assignor.)						
Freeman, Merrill P. (See Kemp, William, assignor.)						
Freeman, Percy F., Portland, Oreg., assignor to La Crosse Plow Company, La Crosse, Wis. Plow.	830,657	Sept. 11	1562	321-2	124	420
Freeman, Stuart E., Barberton, Ohio, assignor to National Drill & Manufacturing Company, Chicago, Ill. Grading and ditching machine.	825,450	July 10	1564	323	123	427
Freeman, Wallace W., Norfolk, Va. Dental handpiece.	834,899	Nov. 6	45	9	125	14
Freeman, Willard S., St. Cloud, Minn. Alarm for incubators.	810,931	Jan. 30	4741	989	120	1190
Freeman, William, New York, N. Y. Printed dress-pattern.	811,770	Feb. 6	439	95-6	120	1582
Freeman, William, New York, N. Y. Suspenders.	820,562	May 15	3133	673	122	818
Freeman, William, New York, N. Y. Suspenders.	826,929	July 24	4560	948	123	1204
Freemantle, Walter H., Smith's Falls, Ontario, Canada. Nut-locking device.	831,335	Sept. 18	2891	613	124	782
Freer, Charles K., Memphis, Tenn. Rail-joint.	825,120	July 3	857	178	123	227
Freer, Phelps M., Akron, Ohio. Cuspidor or spittoon.	827,228	July 31	5200	1080	123	1380
Freese, Benjamin M. (See Radell, Anthony H., assignor.)						
Freese, Etson L., New York, N. Y. Apparatus for felling large trees.	839,464	Dec. 25	4332	925-6	125	2555
Freese, Etson L., New York, N. Y. Saw.	839,465	Dec. 25	4335	926	125	2556
Freese, Etson L., New York, N. Y. Apparatus for felling trees.	839,466	Dec. 25	4336	926	125	2556
Freese, Frank G. (See O'Reilly and Freese.)						
Freese, Frank G., Philadelphia, Pa. Cushion-tire.	815,523	Mar. 20	3101	648	121	783
Freese, John, <i>et al.</i> (See Caughey, Albert E., assignor.)						
Freese, W. A., <i>et al.</i> (See Daves, William, assignor.)						
Freestone, Joseph T., Rock Ferry, England. Sanitary disinfecting and deodorizing block.	827,092	July 31	4901	1022	123	1301
Freeze, John H., assignor of two-thirds to J. H. and C. A. Schonhoff, Advance, Mo. Straw-rack for grain-separators.	829,863	Aug. 28	4459	942	123	2888
Freeze, Samuel, Doaktown, New Brunswick, Canada. Belt-lacing tool.	838,973	Dec. 18	3315	716	125	2273
Freihof, Charles, <i>et al.</i> (See Dackiewicz, Charles, assignor.)						
Freimann, Henry, Fort Wadsworth, N. Y. Insect-trap.	823,718	June 19	2994	634	122	2487
Freise, Heinrich, Bochum-Hamme, Germany. Dust-cart.	822,265	June 5	79	16	122	1746
Freise, Heinrich, Hamme, near Bochum, Germany. Cover-locking device for dust-bins.	825,963	July 17	2615	543	123	699
Freitag, Andreas, Amsterdam, Netherlands, assignor to Watson, Laidlaw & Company, Glasgow, Scotland. Centrifugal machine.	813,963	Feb. 27	4869	1077	120	2689
Freitas, Alvaro J. de, Lisbon, Portugal. Table of movable characters for the teaching and practicing of reading.	822,937	June 12	1405	294	122	2080
Fremaux, Louis. (See Crepy and Fremaux.)						
French, Alfred W., Piqua, Ohio. Apparatus for reducing hot oil-cake.	821,095	May 22	4248	904	122	1124
French, Alfred W., Piqua, Ohio. Cooler and drier.	825,595	July 10	1871	396	123	498
French, Edson B., Helena, Mont. Combined curtain-pole and shade-roller support.	811,629	Feb. 6	197	42	120	1528
French, Franklin E., Riley, Ind. Metallic railway-tie.	838,097	Dec. 11	1646	355	125	1809
French, Fredrick W. (See Werth and French.)						
French, George F., and W. H. Pinch, Hulme, Manchester, England. Means for plaiting hanging curtains.	817,968	Apr. 17	2840	615	121	2094
French, James B. (See Condict and French.)						
French, John R., Los Angeles, Cal. Pneumatic riveting-machine.	812,787	Feb. 13	2529	556	120	2080
French, John R., Los Angeles, Cal. Automatic safety trolley-pole.	823,040	June 12	1618	335	122	2130
French, John R., Los Angeles, Cal. Automatic trolley-guard.	832,544	Oct. 2	1045	209	124	1465
French, Joseph, Woonsocket, R. I., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Line-measuring mechanism for perforators.	828,470	Aug. 14	1567	331	123	2086
French, Leroy B., and T. Sheets, Columbus, Ohio. Gas heating stove.	814,280	Mar. 6	544	113	121	117
French, Luke, and B. T. Reilly, Wilkes-Barre, Pa. Landing-net.	823,113	June 12	1782	367	122	2163
French, Oratus S., and J. W. Miller, Fremont, Ohio. Spark-arrester.	824,004	Mar. 19	3546	756-7	122	2607
French, Stephen, Swanscombe, assignor to Industrial Patents Limited, London, England. Boot and shoe tree.	816,453	Mar. 27	5030	1067	121	1249
French, Tomson E., Davenport, Iowa. Window-crane.	809,104	Jan. 2	969	201	120	214
French, William W., Fort Branch, Ind. Pyromotor.	824,474	June 26	4459	946	122	2859
Frenier, Joseph A., Davenport, Iowa. Mechanical movement.	835,512	Nov. 13	1269	272	125	365
Frenk, William F. (See Smith and Frenk.)						
Frentzen, Albertus W., and J. Schoemaker, Leiden, Netherlands. Instrument for removing ribs.	813,877	Feb. 27	4707	1042	120	2657
Frentzen, Albertus W., and J. Schoemaker, Leyden, Netherlands. Means for tying blood vessels.	825,121	July 3	858	178	123	227
Frenzel, John A., Wausau, Wis. Train-pipe coupling.	813,637	Feb. 27	4237	931	120	2556
Freschl, Alfred, Chicago, Ill. Flexible adhesive brace.	813,790	Feb. 27	4523	998	120	2617
Freschl, Alfred, Chicago, Ill. Means for sealing boxes, &c.	816,007	Mar. 27	4104	867	121	1052
Freschl, Alfred, Chicago, Ill. Wheel.	822,518	June 5	568	115	122	1851
Freshman, Sam, <i>et al.</i> (See Moeckel, Aratine G., assignor.)						
Freshour, Henry C., assignor to H. O. Canfield Company, Bridgeport, Conn. Making bath and basin stoppers.	837,679	Dec. 4	808	183	125	1555
Freson, John N., Cincinnati, Ohio. Combination window-shade and lace-curtain holder.	837,555	Dec. 4	548	128	125	1492
Fretts, George H., Springfield, Mass. Electrically-operated controlling mechanism.	813,638	Feb. 27	4238	931	120	2557
Fretts, George H., Springfield, Mass. Shoe-contact.	818,947	Apr. 24	4794	1030	121	2569
Freund, Edwin, Westminster, England. Brake for vehicles.	835,019	Nov. 6	285	62-3	125	75
Freund, Jacob D., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Charging system for storage cells or batteries.	836,314	Nov. 20	2816	598	125	798
Freund, Joseph, Beaver, Pa., assignor to H. Hoenigsberger, Bensonhurst, Long Island, N. Y. Railway-tie.	817,169	Apr. 10	1229	253	121	1692
Freund, Richard. (See Brandstetter and Freund.)						
Freund & Turner. (See Turner, Harry G., assignor.)						
Frey, Clarence N., assignor to J. M. Robinson Manufacturing Company, Cincinnati, Ohio. Brake.	836,676	Nov. 27	3540	755	125	1005
Frey, Ernest H., Cleveland, Ohio. Sectional cover for hatchways.	834,287	Oct. 30	4817	1019	124	2566

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Frey, Jacob A. (See Knollenberg and Frey.)						
Frey, John S., New York, N. Y. Burner-valve for blue-flame oil-stoves	831,783	Sept. 25	3794	794	124	1054
Frey, John S., New York, N. Y. Sink-strainer	832,309	Oct. 2	594	112	124	1356
Frey, John S., New York, N. Y. Wick-stop	833,738	Oct. 23	3483	743	124	2192
Frey, Robert R., assignor to Grand Detour Plow Company, Dixon, Ill. Gang-plow draft-hitch	821,231	May 22	4496	957	122	1179
Frey, Walter J., Cincinnati, Ohio. Bottle-closure	836,677	Nov. 27	3542	756	125	1005
Freyer, Henry M., <i>et al.</i> (See Dunnell, Frederick W., assignor.)						
Freyer, Otto, Chicago, Ill. Pocket-holder for weapons	814,599	Mar. 6	1192	249	121	258
Freytag, William D., Stillwater, Minn. Ironing-board	836,025	Nov. 13	2199	471	125	591
Friberg, William, Portland, Oreg. Metallic sleeper	834,288	Oct. 30	4820	1020	124	2567
Fricke, Charles, Aurora, Ill. Blackboard	824,781	July 3	189	33	123	55
Fricke, William A., Chicago, Ill. Test and wire-connector	834,669	Oct. 30	5555	1179	124	2753
Fricke, William A., assignor of one-half to McMeen & Miller, Chicago, Ill. Telephone switch-hook	824,351	June 26	4189	895	122	2803
Fricke, William F., Mount Sterling, Ill. Steam-condenser	838,314	Dec. 11	2082	450	125	1914
Fricke, Anthony, Pittsburg, Pa. Speed-changing attachment for tachometers	819,695	May 1	1302	283	122	293
Frickey, Edward H., assignor, by mesne assignments, to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Feeding mechanism for shredding-machines	815,087	Mar. 13	2172	458	121	528
Friday, Solomon B., Brandon, Wis. Butter-cutting machine	828,397	Aug. 14	1415	299-300	123	2047
Fridley, Charles H. (See Smith, Orison, assignor.)						
Fridman, William M. (See Lancaster, John P., assignor.)						
Friedberger, Myer, Cincinnati, Ohio. Non-refillable bottle	832,310	Oct. 2	595	112	124	1356
Friedberger, Nathan, Paris, France. Hand-made embroidery	839,377	Dec. 25	4154	889	125	2512
Friede, Samuel M., assignor of one-half to H. W. Carter, Chicago, Ill. Amusement apparatus	809,937	Jan. 16	2652	548	120	668
Friede, Samuel M., assignor to Revolving Air Ship Tower Company, Chicago, Ill. Revolving air-ship tower	813,549	Feb. 27	4062	890-1	120	2519
Friedel, Albert H., New York, N. Y. Shell	811,048	Jan. 30	4956	1035	120	1238
Friedel, Harry W. (See Lutz and Friedel.)						
Friedemann, August, Waverly, Iowa. Harrow	819,748	May 8	1413	304	122	376
Friedemann, August, Waverly, Iowa. Harrow	838,974	Dec. 18	3316	717	125	2258
Friedemann, August, Waverly, Iowa. Harrow	838,975	Dec. 18	3318	717	125	2258
Friedenberg, Louis, assignor to A. Velleman, New York, N. Y. Wire-hat-frame-forming device	830,218	Sept. 4	646	130	124	164
Friedenthal, Albert, Oakland, Cal. Game apparatus	809,293	Jan. 9	1374	279	120	338
Friedenwald Company of Baltimore City. (See Billstein, Aaron, assignor.)						
Friederichs, Harry, Hanover, Germany. Protecting-hood for grinding-disks and for similar rotating objects and tools	826,842	July 24	4388	913	123	1162
Friedlaender, Paul, Vienna, Austria-Hungary, assignor to Kalle and Company Aktien-gesellschaft, Biebrich, Germany. Red sulfur dye and making same	819,348	May 1	633		122	146
Friedley, Albert, assignor of one-half to H. F. Voshardt, Chicago, Ill. Metal shingle	820,294	May 8	2589	564	122	639
Friedly & Voshardt. (See McLeod, John P., assignor.)						
Friedman, John L., and J. Graham, Lawton, Okla. Ter. Cattle-guard	811,049	Jan. 30	4957	1035	120	1238
Friedman, Samuel, New York, N. Y. Tuck-guide for sewing-machines	812,558	Feb. 13	2108	462	120	1996
Friedmann, Hugo. (See Schiepe, August, assignor.)						
Friedmann, Hugo, Charlottenburg, Germany. Composition of matter	824,475	June 26	4464		122	2861
Friedmann, Otto, <i>et al.</i> (See Gabriel, Stefan, assignor.)						
Friedrich, Ernest H., Holyoke, Mass. Float-valve	827,435	July 31	5641	1169	123	1485
Friedrich, Ernst W., Blaton, Belgium. Cellulose solution	813,878	Feb. 27	4709		120	2658
Friedrich, Ernst W., Blaton, Belgium. Apparatus for the production of artificial threads	827,434	July 31	5640	1168	123	1485
Friedrichs, Gustave A., assignor of one-half to C. A. Proulx, Woonsocket, R. I. Dyeing apparatus	822,472	Oct. 2	910	177	124	1431
Frieg, Franz, Ludwigsburg, Germany. Knife-polishing machine	812,489	Feb. 13	1952	430	120	1964
Frieb, Eduard, and R. Nollenburg, assignors to Deutsche Tiefbohr-Aktien-Gesellschaft, Nordhausen, Germany. Shaft-boring apparatus	836,404	Nov. 20	3164	671	125	880
Friel, Charles E., St. Mary's Ferry, New Brunswick, Canada. Potato-digger	831,784	Sept. 25	3796	795	124	1055
Fries, John W., Winston Salem, N. C. Machine for treating air	829,707	Aug. 28	4138	875	123	2808
Fries, John W., Winston Salem, N. C. Apparatus for humidifying and cleansing air	831,275	Sept. 18	2778	586	124	754
Friesbie, Harry J. (See Seyler, Edward J., assignor.)						
Friese, Adolph H., New York, N. Y. Nail-clipper	810,402	Jan. 23	3682	758	120	922
Friese, Norman L., Roanoke, Va., assignor to Automatic Ventilator Company, New York, N. Y. Ventilating device	836,315	Nov. 20	2818	598	125	798
Frieske, Karl A., Atlanta, Ga. Dispensing-bottle	814,953	Mar. 13	1886	397	121	468
Friesner, Jesse L., Converse, Ohio. Pump-jack	829,708	Aug. 28	4141	875	123	2809
Friestedt, Luther P. (See Nye, George E., assignor.)						
Friestedt, Luther P., Chicago, Ill. Ship channel or canal	832,371	Oct. 2	706	136	124	1383
Friestedt, Luther P., Chicago, Ill. Construction of buildings	832,964	Oct. 9	1901	395-6	124	1709
Friestedt, Luther P., Chicago, Ill. Sheet-piling	834,051	Oct. 23	4304	914	124	2391
Frimand, Peter A., assignor of one-third to B. E. Page, Chicago, Ill. Dispensing device	835,606	Nov. 13	1456	311	125	412
Fringer, Charles F., Lithia, Va. Door-lock	809,610	Jan. 9	2033	421	120	478
Frink, Gerald. (See Cooper, John W., assignor.)						
Frink, Gerald, assignor to Washington Iron Works Company, Seattle, Wash. Cable or rope guide	817,553	Apr. 10	2008	423	121	1855
Frink, William H. (See Dravo and Frink.)						
Frisbee, Daniel D. (See Graves, George W., assignor.)						
Frisby, Charles L., Council Bluffs, Iowa. Seed-corn separator	820,775	May 15	3520	755	122	904
Frish, Augustus M., Madison, Wis. Automatic railway-switch	822,358	June 5	260	54-5	122	1782
Frish, John, and A. W. Shank; said Shank assignor to J. P. Bauer, Detroit, Mich. Ball-arrester for bowling-alleys	832,250	Oct. 2	478	89	124	1329
Frist, Robert P., Bridgeton, N. J., assignor to S. S. Stafford, Incorporated, New York, N. Y. Paste-pot	813,086	Feb. 20	3125	685	120	2257
Fritch, Joseph C., assignor of forty-five one-hundredths to F. Stovering and B. S. Blossom, Cleveland, Ohio. Window-sash lock	814,281	Mar. 6	545	114	121	117
Frith, Julius. (See Speirs and Frith.)						
Frits, Milton C., Loraine, Ill. Coop	831,221	Sept. 18	2655	558	124	720
Fritsche, Max, Hoboken, N. J. Combined bronzing and dust-removing machine	835,883	Nov. 13	1964	416	125	535
Fritsche, Max, Carlstadt, N. J., assignor to J. A. Kapp, New York, N. Y., and L. Heugster, Weehawken, N. J. Bronzing-machine	822,108	May 29	6234	1329	122	1622
Fritts, J. W., <i>et al.</i> (See Riddle, Gust A., assignor.)						
Fritts, James C., Newark, N. J. Door holder, check, and closer	832,603	Oct. 9	1178	236	124	1539
Fritz, Arthur, Canastota, N. Y. Egg-beater	832,052	Oct. 2	48	12	124	1224
Fritz, Charles P., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Dental tool	815,153	Mar. 13	2314	484	121	560
Fritz, John H., Ainsworth, Nebr. Draft attachment for vehicles	813,639	Feb. 27	4240	932	120	2557
Frizzell, Charles E., Grandglaise, Ark. Fence	821,232	May 22	4498	957	122	1180

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Frizzell, William L. (See Vickery, Frank E., assignor.)						
Frkovic, Frank A., assignor of one-fourth to J. H. Hawley, Galveston, Tex. Indicator for bottles.	820,106	May 8	2221	482	122	559
Fröde, Albert, Bautzen, Germany. Motor-vehicle.	823,719	June 19	2994	634	122	2487
Frodingham Iron and Steel Company. (See Mannaberg, Maximilian, assignor.)						
Froeber, John N., Buffalo, N. Y. Vehicle-seat.	835,355	Nov. 6	960	205	125	243
Froelich, John. (See Dapron and Froelich.)						
Froelich, John, St. Paul, Minn. Automatic measuring-machine.	836,185	Nov. 20	2545	534-5	125	728
Frogard, Louis J., Chicago, Ill. Wagon-tongue controller.	831,661	Sept. 25	3571	749	124	996
Froggatt, William H. Jr., Philadelphia, Pa. Punch-holder.	816,722	Apr. 3	341	78	121	1436
Froggatt, William H. Jr., Philadelphia, Pa. Jig for drilling, reaming, and broaching.	820,965	May 22	3981	845	122	1067
Frohlich, George W. Chicago, Ill. Window-ventilator.	809,500	Jan. 9	1813	373	120	433
Frohreich, Frank A., Goodland, Ind. Draft-equalizer.	837,823	Dec. 4	1074	240	125	1620
Froman, Oscar, and J. C. Cave, Edna, Kans. Replanter attachment for cultivators.	833,594	Oct. 16	3208	682	124	2081
Fromont, Fernand, Molenbeek, near Brussels, Belgium. Steam-generator.	818,948	Apr. 24	4795	1031	121	2569
Fromont, Louis G., Liege, Belgium. Apparatus for drying hollow articles.	832,473	Oct. 2	911	177-8	124	1431
Fromm, Edward, and C. S. Edick, Eldora, Iowa. Hay-fork.	819,535	May 1	986	216	122	221
Froom, A. H. (See Machado, Manuel C., assignor.)						
Fross, William L., Seattle, Wash. Collar-button.	825,596	July 10	1873	396	123	499
Fross, William L., Seattle, Wash. Means to facilitate the opening of bags.	835,673	Nov. 13	1572	336	125	440
Fross, William L., assignor of one-half to P. Barnes, Seattle, Wash. Stopper attachment for tobacco-sacks.	835,787	Nov. 13	1790	379	125	496
Frost, Clarence B. (See Tuttle and Frost.)						
Frost, Edward J., Detroit, Mich., assignor, by mesne assignments, to Blair Light Company, Northboro, Mass. Means for automatically extinguishing lamps.	827,796	Aug. 7	219	44	123	1726
Frost, Harry B., and A. B. Van Riper, Paterson, N. J. Combined swift and support therefor.	821,999	May 29	6030	1285	122	1575
Frost, Harry W., Detroit, Mich., assignor to Chicago Railway Equipment Company, Chicago, Ill. Fulcrum for brake-beams.	823,403	June 12	2359	496	122	2289
Frost, John E., Watkins, assignor to Elmira Heater Company, Elmira, N. Y. Grate.	818,533	Apr. 24	3970	853	121	2389
Frost, Paul, Berlin, Germany. Weighing-scale.	815,414	Mar. 20	2913	604	121	742
Frost, Paul, Berlin, Germany. Balance or weighing apparatus of the pendulum type.	833,922	Oct. 23	3916	830	124	2301
Frost Specialty Company. (See Tuttle and Frost, assignors.)						
Trostenson, Charles O., Ashland, Wis. Washing-machine.	816,454	Mar. 27	5030	1068	121	1249
Truehanf, William F., Plainfield, N. J. Clinical thermometer.	812,559	Feb. 13	2111	462	120	1996
Truehanf, William F., Plainfield, N. J. Clinical thermometer.	812,560	Feb. 13	2112	462	120	1997
Fruin, John L., New York, N. Y. Combined fitting for closets and sinks.	809,938	Jan. 16	2654	548	120	668
Fruin, John L., New York, N. Y. Plumbing system.	810,047	Jan. 16	2896	597	120	720
Fruin, John L., New York, N. Y. Combined plumber's fitting and pipe-support.	817,110	Apr. 3	1093	227	121	1601
Fry, Albert Y., Gallatin, Tenn. Gate.	825,716	July 10	2161	451	123	573
Fry, George H., Ashburton, New Zealand. Bicycle-lock.	814,031	Mar. 6	73	13-14	121	17
Fry, Henry C. (See Betz, Charles L., assignor.)						
Fry, Henry C. (See Johnson, Jesse O., assignor.)						
Fry, Henry C., Rochester, Pa. Glass-melting pot.	829,200	Aug. 21	3060	641	123	2499
Fry, Hugh B. and T. B., assignors of one-half to B. T. Cary and H. G. Ferree, Memphis, Tenn. Shipping-coop.	826,324	July 17	3313	683-4	123	870
Fry, Irvin G., Picture Rocks, Pa. Combined cupboard and dumb-waiter.	835,157	Nov. 6	569	116	125	145
Fry, Mason A., Seattle, Wash. Facilitating the removal of roots of stumps.	822,839	June 5	1207	247	122	1992
Fry, Speed S., Breckenridge, Colo. Calculator.	809,294	Jan. 9	1374	279	120	338
Fry, Toy B. (See Fry, Hugh B. and T. B.)						
Fry, Urias J., Milwaukee, Wis., assignor of one-half to G. M. Basford, Mount Vernon, N. Y. Electric controlling system.	837,396	Dec. 4	235	59-60	125	1415
Fryar, Byron S., Sumner, Wash. Refrigerator-box.	827,358	July 31	5447	1133	123	1438
Frye, Edward. (See McGillivray and Frye.)						
Fryer, George G., Syracuse, N. Y. Coke-handling apparatus.	808,741	Jan. 2	239	52	120	54
Fryer, Robert, Hamilton, Newcastle, New South Wales, Australia. Rotary device for polishing table knives, forks, and spoons.	837,556	Dec. 4	549	128	125	1492
Fryslie, Edward, assignor of one-half to J. H. Corcoran, Popejoy, Iowa. Draft-equalizer.	834,117	Oct. 23	4450	945-6	124	2426
Fuchs, Gustav, Vienna, Austria-Hungary. Lamp-burner for lighting and heating purposes.	833,711	Oct. 16	3435	732	124	2132
Fuchs & Lang Manufacturing Co. (See Haenlein, Louis, assignor.)						
Fuchs, Rudolf E., et al. (See Gould, Newton T., assignor.)						
Fuel Saver Heating Company. (See Hampden, Wellesley R., assignor.)						
Fuel Saving Company. (See Smith, Solomon P., assignor.)						
Fuerth, William G., Newark, N. J., assignor to Equilibrator Company. Printing or reproducing apparatus.	826,159	July 17	2994	622	123	794
Fugal, Christian A. (See Oler, Fugal, and Hayes.)						
Fuhrman, William, et al. (See Cline, William, assignor.)						
Fulcher, William H., Oakland, Cal. Concrete-block-making machine.	824,924	July 3	497	98	123	132
Fuld, Manes E., Baltimore, Md. Electric motor.	837,213	Nov. 27	4631	984	125	1275
Fulford, Elijah D., deceased, Utica, N. Y.; M. Fulford, administratrix, assignor to J. H. Brookman and C. B. Warner, Central City, Iowa. Target-throwing trap.	833,381	Oct. 16	2750	579-80	124	1974
Fulford, James H. (See Sawyer and Fulford.)						
Fulford, Matilda, administratrix. (See Fulford, Elijah D.)						
Fullagar, Hugh F., Newcastle-upon-Tyne, England, assignor to Allis-Chalmers Company, Jersey City, N. J. Turbine.	815,154	Mar. 13	2315	485	121	561
Fullagar, Hugh F., Newcastle-upon-Tyne, England, assignor to Allis-Chalmers Company, Jersey City, N. J. Turbine.	815,155	Mar. 13	2319	485	121	562
Fullagar, Hugh F., Newcastle-upon-Tyne, England, assignor to Allis-Chalmers Company, Jersey City, N. J. Steam-turbine.	815,281	Mar. 13	2559	538-9	121	616
Fullard, William, Philadelphia, Pa., assignor to United Printing Machinery Co., Boston, Mass. Feed for printing-machines.	828,281	Aug. 7	1185	247	123	1962
Fullard, William, Plainfield, N. J., assignor to Typalyn Company. Printing-machine.	833,036	Oct. 9	2031	427-8	124	1740
Fulbright, Thomas, assignor of one-half to N. L. Paul, Rentiesville, Ind. Ter. Railway-switch.	826,024	July 17	2736	566	123	732
Fullenlove Elevator Company. (See Fullenlove, McClellan, assignor.)						
Fullenlove, McClellan, assignor to Fullenlove Elevator Company, Louisville, Ky. Elevator-brake.	823,720	June 19	2997	635	122	2487
Fuller, Albert. (See Hering and Fuller.)						
Fuller, Anderson, assignor of one-half to L. Pangburn and J. H. Van Deusen, Amsterdam, N. Y. Device for actuating switches.	818,824	Apr. 24	4571	980	121	2519
Fuller, Benjamin F., El Reno, Okla. Ter. Cabinet for treating diseases by light.	828,733	Aug. 14	2091	442	123	2220
Fuller, Bernard A., and M. Bateman, Centerville, Iowa. Stump-puller.	815,586	Mar. 20	3213	676	121	807
Fuller, Bernard A., and M. Bateman, Centerville, Iowa. Take-up for cables.	828,282	Aug. 7	1187	247	123	1962
Fuller, Charles I., Rochester, N. Y., assignor to United Shoe Machinery Company, Paterson, N. J. Guard for inseam-sewing machines.	835,513	Nov. 13	1271	272	125	365

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Fuller, Charles M. (See Lambert and Fuller.)						
Fuller, Charles T., Olean, N. Y. Mantle-support for burners.	826,025	July 17	2739	567	123	733
Fuller, Charles T., Olean, N. Y. Protector-cap for burners.	831,944	Sept. 25	4134	861	124	1137
Fuller, Charles T., Olean, N. Y. Inverted gas-burner.	833,037	Oct. 9	2034	428	124	1741
Fuller, Elam Q., and E. P. Johnston, Milan, Mich. Wind-wheel.	823,404	June 12	2359	496	122	2289
Fuller, Eugene, assignor of three-fifths to J. R. Bourgeois, T. Robert, and R. Geoffroy, Arctic, R. I. Weight-actuated apparatus.	823,521	June 19	2626	552	122	2407
Fuller, Frank. (See Compton, Melvin D., assignor.)						
Fuller, Frank L. (See Hood and Fuller.)						
Fuller, George E., assignor to M. Fuller, Chicago, Ill. Artificial fuel.	832,574	Oct. 2	1101		124	1479
Fuller, Harry, assignor to King Bridge Company, Cleveland, Ohio. End support for locomotive turn-tables.	823,405	June 12	2361	497	122	2290
Fuller, Harvey R., Kirksville, Mo. Method of instruction.	812,197	Feb. 13	1387	301	120	1842
Fuller, James A., assignor to Hamilton & Hamilton, Jr., Providence, R. I. Bracelet.	825,644	July 10	2013	421	123	537
Fuller, James W., Jr., Catasauqua, Pa. Producing self-lubricating car-wheels.	813,146	Feb. 20	3263	717	120	2257
Fuller, Louis C., Kansas City, Mo. Incandescent gas-lamp.	811,050	Jan. 30	4959	1035	120	1238
Fuller, Margaret. (See Fuller, George E., assignor.)						
Fuller, W. W., et al. (See Tatum, James W., assignor.)						
Fuller, William A., Fostoria, Ohio. Clamping-tool.	838,705	Dec. 18	2841	611	125	2145
Fuller, William A., Fostoria, Ohio. Wire-working tool.	838,706	Dec. 18	2842	611	125	2146
Fuller, William J., Leef, Wis. Hand-power stump-puller.	821,479	May 22	5019	1068	122	1295
Fullerton, Robert, Des Moines, Iowa. Cement railway-tie and rail-fastener.	827,436	July 31	3642	1169	123	1485
Fullerton, Robert S. (See Mead and Fullerton.)						
Fullerton, Fred, Groton, S. D. Threshing-machine.	824,857	July 3	361	68	123	99
Fulmer, F. W., et al. (See Dennis, John J., assignor.)						
Fullum, James F., Boston, Mass. Automatic axle-lubricator.	834,289	Oct. 30	4823	1020	124	2567
Fullwood, John I., Cedartown, Ga. Mail collection and delivery box.	818,241	Apr. 17	3385	726	121	2210
Fulmer, Joseph H., Nazareth, Pa. Snow-guard for roofs.	817,480	Apr. 10	1864	392	121	1825
Fulton, Charles W., Paisley, Scotland. Mounting or suspension for vehicle-wheels.	814,198	Mar. 6	378	77	121	82
Fulton, Claire W. (See Fulton, Frederick F., assignor.)						
Fulton Company. (See Fulton, Weston M., assignor.)						
Fulton Company. (See Fulton and Brown, assignors.)						
Fulton Company. (See Fulton and Richards, assignors.)						
Fulton, Frederick F., St. Louis, Mo., assignor of one-half to C. W. Fulton, Chicago, Ill. Skirt-gage.	826,417	July 17	3473	722	123	909
Fulton, George P., Jersey City, N. J. Combination turbine and muffler.	838,018	Dec. 11	1465	316	125	1761
Fulton, James H., Hanlin Station, Pa. Ventilator.	838,248	Dec. 11	1975	423	125	1888
Fulton, Louis B., assignor to Chaplin-Fulton Manufacturing Company, Pittsburg, Pa. Diaphragm for controlling valves.	816,455	Mar. 27	5031	1068	121	1250
Fulton, Louis B., assignor to Chaplin-Fulton Manufacturing Company, Pittsburg, Pa. Feed-water regulator.	834,795	Oct. 30	5821	1235	124	2818
Fulton, Thomas A. and T. H., New York, N. Y. Amusement apparatus.	821,409	May 22	4883	1037	122	1265
Fulton, Thomas H. (See Fulton, Thomas A. and T. H.)						
Fulton, Weston M., assignor to Fulton Company, Knoxville, Tenn. Thermosensitive device for heat-motors with lagging-jackets.	824,858	July 3	362	68	123	99
Fulton, Weston M., and J. S. Brown, assignors to Fulton Company, Knoxville, Tenn. Electric welding apparatus.	837,296	Dec. 4	43	13-14	125	1364
Fulton, Weston M., and W. H. Richards, assignors to Fulton Company, Knoxville, Tenn. Reservoir for gasoline and other vapor burners.	810,403	Jan. 23	3683	758-9	120	922
Fulton, William S., Omaha, Nebr. Roller-skate.	824,108	June 26	3718	794	122	2703
Funck, Philipp. (See Tierney and Funck.)						
Funk, Charles M., Centralia, Wash. Railway-car.	835,413	Nov. 6	1090	236	125	274
Funk, Isaac N., et al. (See Anderson, Swan, assignor.)						
Funk, Samuel W., Glendora, Cal. Tight and noiseless casement for swinging closures.	821,353	May 22	4760	1012	122	1239
Furber, Frederick M. (See Gardner and Furber.)						
Furbish, Zachry T., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Ratchet-tool.	814,528	Mar. 6	1062	219	121	230
Furbish, Zachry T., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Push-drill.	814,529	Mar. 6	1064	219	121	231
Furbish, Zachry T., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Shifter-lock for pawl-and-ratchet tools.	819,536	May 1	990	217	122	223
Furchtar, John J., Joetta, Ill. Vehicle.	809,048	Jan. 2	842	179	120	186
Furlong, Thomas, St. Louis, Mo. Wheel-tire.	824,476	June 26	4465	946	122	2861
Furlow, Floyd C., Montclair, assignor to Otis Elevator Company, East Orange, N. J. Retarding device for plunger-elevators.	810,404	Jan. 23	3685	759	120	923
Furlow, Floyd C., Montclair, assignor to Otis Elevator Company, Jersey City, N. J. Elevator safety device.	826,558	July 24	3835	794	123	1020
Furlow, Floyd C., Montclair, assignor to Otis Elevator Company, Jersey City, N. J. Stop device for elevators.	826,559	July 24	3839	794-5	123	1021
Furlow, Howard L., Lancaster, Pa. Wireless umbrella-runner and upper notch.	820,295	May 8	2590	564	122	639
Furman, Thomas H., Seward, Alaska. Independent attachment for lamp-chimneys, &c.	839,283	Dec. 25	3974	853	125	2467
Furmidge, Samuel, assignor to Supplementary Spiral Spring Company, St. Louis, Mo. Vehicle-spring.	831,276	Sept. 18	2781	586	124	754
Furr, Henry B., Dayton, Ill. Rolling-disk cultivator.	826,418	July 17	3474	722-4	123	909
Furru, Ole O., assignor of one-half to E. Cronstedt, St. Paul, Minn. Reversible power-transmission gear.	819,213	May 1	358	76-7	122	86
Fürst, Gustav, Pozsony, Austria-Hungary. Time-register for telephones.	816,456	Mar. 27	5033	1068-9	121	1250
Fuse Wire & Manufacturing Company. (See Hoffmann, Otto C., assignor.)						
Fussgänger, Victor, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Blue fibrous material and dyeing same.	816,457	Mar. 27	5035		121	1250
Fyfe, Samuel, Chicago, Ill. Bottle-labeling machine.	831,853	Sept. 25	3936	823-4	124	1088
Fyler, Edwin W., assignor of one-half to W. E. Fyler, Hyde Park, Mass. Electric door-opener.	836,965	Nov. 27	4143	884	125	1156
Fyler, Warren E. (See Fyler, Edwin W., assignor.)						
Gaar, Joseph M., and J. C. P. Laser, Indianapolis, Ind. Water-cooler.	830,219	Sept. 4	650	130-1	124	165
Gabe, James G., Clifton Heights, assignor of one-half to R. Jones, Jr., Philadelphia, Pa. Weft-detecting loom-shuttle.	837,214	Nov. 27	4632	985	125	1275
Gabel, John C. (See Ramsden, James T., assignor.)						
Gable, Augustus D., and J. Brickley, Shenandoah, Pa. Safety device for elevators.	820,637	May 15	3249	698-9	122	844
Gabriel, Peter J., et al. (See Frank, Beecher, assignor.)						
Gabriel, Charles R., assignor to Brown & Sharpe Manufacturing Company, Providence, R. I. Gearing.	809,915	Jan. 9	2603	536	120	606
Gabriel, George A., assignor to Bleach & Caustic Process Company, New York, N. Y. Electrolytic cell.	822,109	May 29	6236	1329	122	1622
Gabriel, John, New Orleans, La. Railway-rail joint.	819,537	May 1	991	217	122	223

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Gábel, Stefan, Budapest, assignor of two-thirds to Leiner Brothers, Upjest, and O. Friedmann, Budapest, Austria-Hungary. Heating preserves.	820,638	May 15	3250	699	122	844
Gabrielian, Avedis J., Jamaica Plain, Mass. Shoe.	821,935	May 29	5912	1258	122	1548
Gabrielson, Andrew N., Mount Iron, Minn. Plane.	820,639	May 15	3252	699	122	845
Gabrielson, Carl Worcester, Mass., assignor to L. C. Smith and Bros. Typewriter Company, Syracuse, N. Y. Type-writing machine.	822,938	June 12	1406	294	122	2081
Gabrielson, Carl, assignor to L. C. Smith & Bros. Typewriter Company, Syracuse, N. Y. Paper-feeding device for type-writers.	829,465	Aug. 28	3633	763-4	123	2686
Gabrielson, William, assignor of one-half to W. D. Boyle, E. and P. Lason, Kansas City, Mo. Animal or fish trap.	820,640	May 15	3252	699	122	845
Gabrielsson, John, McKees Rock, Pa. Pen-stamping machine.	837,049	Nov. 27	4332	919	125	1201
Gabryszyk, Wladyslaw J., Greenbay, Wis. Catafalque.	811,495	Jan. 30	5805	1215	120	1417
Gacon, Adrien, Montval, near Marly-le-Roy, France. Manufacture of artificial emery.	820,859	May 15	3716	122	946	
Gadd, Luther H., et al. (See Smith, Henry R., assignor.)						
Gadd, William, Manchester, England. Gas-holder.	831,053	Sept. 18	2323	490	124	645
Gadd, William, Manchester, England. Gas-holder.	833,315	Oct. 16	2629	552	124	1943
Gaddum, Alexander W., assignor to Cincinnati Butchers Supply Co., Cincinnati, Ohio. Lid-holding tie.	817,312	Apr. 10	1518	318	121	1751
Gaddum, Charles E. W. (See Kother, Richard, assignor.)						
Gadsden, Henry A., Ravenscourt Park, England. Artificial horizon.	824,640	June 26	4782	1019	122	2930
Gadsden, Henry A., London, England. Car-ventilating apparatus.	832,853	Oct. 9	1695	349	124	1661
Gadsey, Edward B., and G. P. Dorris, St. Louis, Mo. Gear-controlling device for motor-vehicles.	821,161	May 22	4374	931	122	1153
Gadue Dustless Flour Sifter Company. (See Gadue, William G., assignor.)						
Gadue, William G., assignor to Gadue Dustless Flour Sifter Company, Burlington, Vt. Flour-sifter.	815,415	Mar. 20	2914	604	121	743
Gadue, William G., assignor to Gadue Dustless Flour Sifter Company, Burlington, Vt. Dustless flour-can and flour-holder. (Reissue)	12,464	Mar. 20	3954	837	121	966
Gaebel, Carl. (See Winter, Carl, assignor.)						
Gaede, Samuel A., Chicago, Ill. Railway safety device.	817,702	Apr. 10	2253	484-5	121	1906
Gaertner, Frederick W., Niagara Falls, N. Y. Extracting albumin from vegetable substances.	813,373	Feb. 20	3701	814	120	2378
Gaeth, Paul, Cleveland, Ohio. Grinding piston-rings.	831,151	Sept. 18	2531	533	124	691
Gailey, Morgan. (See Grose, William M., assignor.)						
Gage, Edward, Chicago, Ill. Spring-dolly.	830,499	Sept. 11	1216	254	124	329
Gage, Edwin L., Toledo, Ohio. Truck-scale.	836,074	Nov. 13	2290	487	125	615
Gage, Oscar S., Tecumseh, Okla. Ter. Twine-holder.	817,143	Apr. 3	1167	241	121	1619
Gage, Will V. (See McConnell and Gage.)						
Gaghaidi, Raffaele, et al. (See Liaci, Cosmo, assignor.)						
Gagleardi, Raffaele, et al. (See Liaci, Cosmo, assignor.)						
Gagnon, Alphege L., Springfield, Mass. Monkey-wrench.	832,575	Oct. 2	1102	222	124	1479
Gagnon, Arthur, and G. Paquette, Montreal, Canada. Receptacle for garbage.	816,087	Mar. 27	4282	907	121	1091
Gagnon, Joseph. (See Perron, Elie, assignor.)						
Gagnon, Joseph A., Chambly Canton, Quebec, assignor to F. X. E. Panneton, Montreal, Canada. Boiler-stand.	839,062	Dec. 18	3488	754	125	2302
Gagnon, Narcisse, Lawrence, Mass. Bow-facing oar.	830,828	Sept. 11	1892	395	124	507
Gagnon, Peter J., Jr. (See Gagnon, William J., assignor.)						
Gagnon, William J., Everett, assignor to P. J. Gagnon, Jr., West Everett, Mass. Terret.	819,749	May 8	1415	305	122	376
Gahagan, Vernon C. (See Evans and Gahagan.)						
Gahan, Thomas, et al. (See Latchford, William J., assignor.)						
Gahley, Frank. (See Powers, Francis A., assignor.)						
Gail, John F., assignor to Simmons Manufacturing Company, Kenosha, Wis. Machine for making coil-springs.	810,048	Jan. 16	2898	597-607	120	720
Gaillard, Ella N., New York, N. Y. Egg cup and cutter.	826,843	July 24	4389	914	123	1162
Gaillot, Anne A., Paris, France. Syringe for subcutaneous or other injections.	822,110	May 29	6239	1330	122	1623
Gainer, Peter B. (See Spitz, Samuel A., assignor.)						
Gaisman, Henry J., New York, N. Y. Suspenders.	820,486	May 15	2968	641	122	781
Gaisman, Henry J., New York, N. Y. Combined suspenders and waist-belt.	820,487	May 15	2970	641-2	122	782
Gaisman, Henry J., New York, N. Y. Waist-belt.	827,859	Aug. 7	335	71	123	1753
Gaither, William R., Chicago, Ill. Calculating-machine.	831,425	Sept. 18	3056	648	124	824
Galassi, Theodore V. (See Wight and Galassi.)						
Galbraith, Edward, South Omaha, Nebr. Foot-rest.	817,969	Apr. 17	2842	615	121	2094
Galbraith, Thomas B., Chicago, Ill. Finger-hook for fishing-rods.	834,571	Oct. 30	5350	1136	124	2700
Galbreath, John C. (See Housholder and Galbreath.)						
Gale, Frederick A., Chicago, Ill. Recharging boilers.	831,336	Sept. 18	2892	613	124	782
Gale, Frederick A., Chicago, Ill. Apparatus for washing out and refilling locomotive-boilers.	831,337	Sept. 18	2894	613-14	124	782
Gale, Georgiana C. (See Gale, Henry A., assignor.)						
Gale, Henry A., assignor to G. C. Gale, Hartford, Conn. Machine for forming box-shoots.	808,742	Jan. 2	242	52-3	120	55
Gale, Horace B., Natick, and F. M. Dewing, Boston, Mass., assignors to Submarine Signal Company, Waterville, Me. Means for producing sound-vibrations in water.	813,964	Feb. 27	4870	1077	120	2690
Gale Manufacturing Company. (See Beall, William L., assignor.)						
Galesburg Coulter-Disc Co. (See Gaylord, Arthur C., assignor.)						
Galeski, Joseph S., Richmond, Va. Eyeglass-spring.	830,658	Sept. 11	1564	322	124	421
Gallagher, Fred E., assignor of two-thirds to S. L. Phillips and W. D. Valentine, San Francisco, Cal. Receiver and recorder for wireless and other transmissions.	808,832	Jan. 2	409	90	120	91
Gallagher, John C., Elmira, N. Y. Controlling device for motor-vehicles.	809,916	Jan. 9	2605	536-7	120	606
Gallagher, Joseph D., Glenridge, N. J. Brake-shoe.	810,405	Jan. 23	3689	759	120	924
Gallagher, Richard W., assignor to Automatic Meter Co., San Francisco, Cal. Bill-delivery mechanism for meters.	823,773	June 19	3103	657	122	2510
Gallagher, Richard W., assignor to Automatic Meter Co., San Francisco, Cal. Statement-delivery mechanism for meters.	825,451	July 10	1565	323	123	427
Gallagher, Thomas H., Carnegie, assignor to Hough Pump Company, Franklin, Pa. Piston for pumps.	837,266	Nov. 27	4740	1004	125	1302
Gallagher, Thomas M., Old Orchard, assignor to Scullin-Gallagher Iron & Steel Company, St. Louis, Mo. Body-bolster. (Reissue)	12,486	May 22	5248	1119	122	1344
Gallagher, William. (See Dobson and Gallagher.)						
Gallagher, William J. (See Chapman, Frank M., assignor.)						
Gallagher, William J., Detroit Mich. Ground-anchor.	836,678	Nov. 27	3544	756	125	1006
Gallagher, William L., Point Reyes Station, Cal. Stopper retaining and extracting device.	810,331	Jan. 16	3490	721	120	844
Gallaher and Speck. (See Lind, Axel E., assignor.)						
Galland, George, assignor to M. S. Galland, Wilkes-Barre, Pa. Display-form.	812,986	Feb. 20	2929	645	120	2214

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Galland, Joshua H., Florence, Colo. Pencil-knife.....	827,860	Aug. 7	338	71	123	1754
Galland, Minnie S. (See Galland, George, assignor.).....						
Galle, Fritz. (See Brister, William T., assignor.).....						
Gallien, Valery, assignor to Société-Anonyme des Pneumatiques Cuir "Samson," Paris, France. Making armored tires.....	820,296	May 8	2592	564	122	640
Galiber, Lawrence M., Lexington, Miss., assignor of one-half to J. S. Carroll, Yays county, Tex. Self-locking nut.....	814,199	Mar. 6	383	78	121	84
Gallisath, Julia M., Pittsburg, Pa. Salt-shaker.....	836,748	Nov. 27	3710	792	125	1049
Galloway, Abraham A., Crystalrun, N. Y. Sitting device.....	824,421	June 26	4352	926	122	2834
Galloway, John W., Linton, Ind. Pianoforte.....	813,791	Feb. 27	4524	999	120	2617
Gallup, Lloyd G., Walton, N. Y. Brake block and shoe.....	813,640	Feb. 27	4241	932	120	2558
Gallup, Lloyd G., Walton, N. Y. Vehicle lock-shoe.....	819,214	May 1	360	77	122	86
Gally, Merritt, Brooklyn, N. Y. Impression throw-off for bed-and-platen presses.....	814,282	Mar. 6	546	114	121	118
Gally, Merritt, Brooklyn, N. Y. Telephonic repeater.....	817,761	Apr. 17	2390	513	121	1993
Gally, Robert A., Brooklyn, N. Y. Music-sheet and spool for self-playing musical apparatus.....	822,111	May 29	6241	1330	122	1623
Galman, James J. (See Van den Heuvel and Galman.).....						
Galopin, Henri, Melbourne, Victoria, Australia. Mechanism for automatically distributing liquid fuel.....	809,438	Jan. 9	1691	348	120	404
Galvin, Thaddeus, Detroit, Mich. Chafing-iron.....	829,005	Aug. 21	2624	553	123	2385
Gamache, Clophas, Barre, Vt. Automatic door opening and closing device.....	826,225	July 17	3314	684	123	870
Gamble, William Y., assignor to E. J. McGuire, New York, N. Y. Lining for combustion-furnaces.....	819,696	May 1	1304		122	293
Gamber, John. (See Heer and Gamber.).....						
Gamber, John, and O. F. Heer, Washington, Pa. Infant's bed.....	823,271	June 12	2123	443	122	2240
Gamber, William P. (See Finckney, William A., assignor.).....						
Gambin, André, Paris, France. Propelling ships.....	822,732	June 5	1011	207	122	1951
Gambin, André, Paris, France. Propeller for vehicles that travel in a fluid.....	838,098	Dec. 11	1647	355	125	1809
Gamble, Arthur C. (See Guyer and Gamble.).....						
Gamble, John, Philadelphia, Pa. Base-ball mitt.....	836,378	Nov. 20	2932	622	125	824
Gamble, John, assignor to G. A. Reach, Philadelphia, Pa. Base-ball-catcher's mitt.....	808,980	Jan. 2	721	155	120	159
Gamble, John, assignor to G. A. Reach, Philadelphia, Pa. Catcher's mask.....	814,127	Mar. 6	251	48	121	56
Gamble, Joseph W., Carpentersville, Ill. Draft-evenor.....	826,778	July 24	4263	886-7	123	1131
Gamble, Joseph W., Carpentersville, Ill. Interchangeable evenor.....	829,394	Aug. 28	3454	726-7	123	2640
Gamble, Joseph W., assignor to Harrison Safety Boiler Works, Philadelphia, Pa. Apparatus for purifying and regulating water.....	823,212	June 12	2000	417	122	2213
Gamble, Joseph W., assignor to Harrison Safety Boiler Works, Philadelphia, Pa. Heating, purifying, and regulating water.....	833,829	Oct. 23	3697	788	124	2244
Gamble, Joseph W., assignor to Harrison Safety Boiler Works, Philadelphia, Pa. Means for purifying and regulating a supply of water.....	833,830	Oct. 23	3700	788	124	2244
Gamblin, Henry B., Salem, Mo. Stock-feeder.....	822,442	June 5	404	84	122	1813
Gambon, John M., St. Louis, Mo. Non-refillable bottle.....	810,480	Jan. 23	3843	789	120	960
Gameson, Charles H., Coldfield, near Birmingham, England. Oil-separator.....	818,431	Apr. 24	3757	807-8	121	2345
Gamewell Fire Alarm Telegraph Company. (See Cole, Frederick W., assignor.).....						
Gamewell Fire Alarm Telegraph Company. (See Gardiner, James M., assignor.).....						
Gamewell Fire Alarm Telegraph Company. (See Milliken, George F., assignor.).....						
Gammelgaard, Ove L., Attleboro, Mass., assignor to Electric Chain Company. Bracelet.....	836,109	Nov. 20	2379	502	125	688
Gammeter, Harry C., assignor to American Multigraph Company, Cleveland, Ohio. Feeding mechanism for printing-machines.....	812,735	Feb. 13	2434	533	120	2060
Gammeter, Harry C., assignor to American Multigraph Company, Cleveland, Ohio. Duplicating-machine.....	816,311	Mar. 27	4709	999-1000	121	1183
Gammeter, Harry C., assignor to American Multigraph Company, Cleveland, Ohio. Type.....	836,026	Nov. 13	2200	471	125	591
Gammie, John, New York, N. Y. Means for removing asphalt paving.....	828,734	Aug. 14	2093	442	123	2220
Gancher, Abraham I. (See Kodama and Gancher.).....						
Gandar, Henry, New York, N. Y. Gas-broiler.....	824,477	June 26	4466	947	122	2861
Gandert, Fredrick. (See Barr and Gandert.).....						
Ganey, John. (See Williams, Clarence, assignor.).....						
Gangelhoff, Charles H., et al. (See Roberts, Charles L., assignor.).....						
Gannett, Willard C., and O. V. Chance, Traverse City, Mich. Mold.....	833,595	Oct. 16	3210	682	124	2081
Gannon, Daniel R. (See Arnold, Walter J., assignor.).....						
Gannon, George E., Colorado City, Colo. Valve for corrosive liquids.....	823,493	June 12	2555	538	122	2330
Gano, John C., assignor to International Electric Meter Company, Chicago, Ill. Electrical measuring instrument.....	817,843	Apr. 17	2573	553-4	121	2034
Ganow, Jacob M., Pullman, Wash. Hay-stacker.....	821,711	May 29	5487	1168	122	1453
Gans, Emmett W., and W. H. Gorham, assignors to Aultman & Taylor Machinery Company, Mansfield, Ohio. Separator.....	834,378	Oct. 30	4998	1057-8	124	2611
Gant, Oakley A., Oakman, Ala. Wire-coiling tool.....	821,162	May 22	4376	931	122	1153
Gant, William F., Reidsville, N. C. Magazine tack-hammer.....	823,041	June 12	1619	345	122	2130
Gant, William H., Harrod, Ohio. Plow.....	828,104	Aug. 7	838	173	123	1878
Ganucci-Cancellieri, Lionello, A. Cappelletti, and S. Cantini, Florence, Italy. Stopper for bottles or other receptacles.....	835,822	Nov. 13	1857	392	125	513
Ganzés Társa Vasöntő-és Gépgyár Részvény Társulat. (See Mödlinger, Josef, assignor.).....						
Gapinski, Albert, Carnegie, Pa. Car-coupling.....	826,237	July 17	3141	652	123	827
Garaghty, Louisa, Chester, Pa. Apparatus for moving invalids.....	817,703	Apr. 10	2256	485	121	1907
Garanger, Maurice, New York, N. Y. Loop-the-gap apparatus.....	826,560	July 24	3842	795	123	1022
Garber, Chester A., Brookville, Ohio. Railway-mail-bag device.....	811,710	Feb. 6	335	74	120	1560
Garber, Daniel A., Roanoke, Va. Poultry-carrier.....	819,056	May 1	43	9	122	13
Garbutt, Harland, Seamer, England. Churn.....	814,685	Mar. 13	1399	291	121	366
Gard, Charles E., Ord, and J. W. Lynn, Omaha, Nebr. Amalgamator.....	820,189	May 8	2376	516	122	591
Gard, John J., Harvey, assignor to Buda Foundry & Manufacturing Company, Chicago, Ill. Device for operating switches.....	824,782	July 3	190	34	123	56
Garden, Charles T. and H., Macon, Ga. Drawer-stop.....	816,574	Apr. 3	36	10	121	1362
Garden, Charles T. and H., Macon, Ga. Tool for setting drawer-stops.....	823,721	June 19	2999	635	122	2487
Garden City Strength Testing Machine Company. (See Blaisdell, Robert W., assignor.).....						
Garden, Ernest D. R., Tarrytown, N. Y. Artificial denture.....	834,515	Oct. 30	5250	1115	124	2676
Garden, Harry. (See Garden, Charles T. and H.).....						
Gardin, Theodor, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Rail-securing means.....	816,575	Apr. 3	37	10	121	1362
Gardiner, Anwyl O., assignor of one-half to D. Knabbe, Oakland, Cal. Scaffold-support.....	816,458	Mar. 27	5037	1070	121	1250
Gardiner, Beardsell and Company. (See Stewart, William C., assignor.).....						
Gardiner, James M., Hackensack, N. J., assignor to Gamewell Fire Alarm Telegraph Company, New York, N. Y. Timing mechanism for engine-houses.....	826,719	July 24	4155	864	123	1103
Gardiner, Stephen S., Lincoln, Nebr. Brick-machine.....	835,674	Nov. 13	1573	336-7	125	440
Gardiner, William, Chicago, Ill., assignor, by mesne assignments, to Universal Electric Storage Battery Company. Secondary battery.....	827,861	Aug. 7	338	72	123	1754

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Gardiner, William, Chicago, Ill., assignor, by mesne assignments, to Universal Electric Storage Battery Company. Secondary battery.	827,968	Aug. 7	551	113	123	1809
Gardner, Benjamin F., assignor to Petroleum Electric Producing Company, Chicago, Ill. Electric heater for oil-wells and making same.	809,917	Jan. 9	2606	537	120	606
Gardner, Clark E., Osage, Iowa. Clip.	828,398	Aug. 14	1420	300	123	2048
Gardner, Edmund E., Hamler, Ohio. Combined punch and shears.	812,645	Feb. 13	2269	494	120	2026
Gardner, Frank B., Cridersville, assignor to Humane Horseshoe Company, Lima, Ohio. Horseshoe.	826,419	July 17	3479	724	123	911
Gardner, Frank B., Cridersville, assignor to Humane Horseshoe Company, Lima, Ohio. Horseshoe.	826,420	July 17	3481	724	123	911
Gardner, George B., and F. M. Furber, Haverhill, Mass. Operating device for headlights.	827,969	Aug. 7	553	113	123	1809
Gardner, George C., Chicago, Ill. Guiding means for drawers and the like.	822,359	June 5	263	55	122	1783
Gardner, George C., Chicago, Ill. Hinge.	833,316	Oct. 16	2630	552	124	1943
Gardner, George L. (See White and Gardner.)						
Gardner, Herbert T. (See Wray, Gardner, and Kinton.)						
Gardner, Howard J., Montpelier, Ohio. Wire-fence machine.	826,326	July 17	3316	684-5	123	871
Gardner, James W., Jarratt, Va. Running-gear.	831,716	Sept. 25	3681	770	124	1026
Gardner, James W., Jarratt, assignor to L. L. and W. T. Pond, Pinopolis, Va. Harness-saddle.	815,917	Mar. 20	3927	831	121	960
Gardner, Jefferson M., New London, Conn. Cotton bolting, cleaning, and ginning machine.	825,818	July 10	2341	488-9	123	617
Gardner, Kirtland C., assignor to United Engineering & Foundry Company, Pittsburg, Pa. Machine for bending and straightening metal.	815,282	Mar. 13	2565	539-40	121	618
Gardner, Kirtland C., assignor to United Engineering and Foundry Company, Pittsburg, Pa. Universal mill.	819,538	May 1	992	217	122	223
Gardner, Louis A., Providence, R. I. Steam-generator.	829,773	Aug. 28	4284	906	123	2845
Gardner, Louis A., Providence, R. I., assignor to T. E. Hopkins, Killingly, Conn. Creeper for animals.	827,005	July 24	4693	978	123	1235
Gardner, Marshall B., Aurora, assignor to S. Florsheim & Son, Chicago, Ill. Garment-clasp.	816,228	Mar. 27	4548	967	121	1147
Gardner, Marshall B., Aurora, assignor to S. Florsheim & Son, Chicago, Ill. Garment-clasp or supporter.	822,939	June 12	1407	295	122	2081
Gardner, Marshall B., Aurora, assignor to S. Florsheim & Son, Chicago, Ill. Garment or hose supporter.	829,147	Aug. 21	2951	617	123	2472
Gardner, Roland, Cleveland, Ohio. Abrasive wheel.	838,019	Dec. 11	1467	317	125	1762
Gardner, Walter, Enderby, British Columbia, Canada. Bridle-bit.	830,707	Sept. 11	1672	344	124	451
Gardner, William R., Los Angeles, Cal. Life-guard and automatic brake.	837,397	Dec. 4	239	60	125	1416
Gardy, Laurent, Perpignan, France. Sound-box with coupled diaphragms for disk talking-machines.	828,309	Aug. 14	1250	263	123	2005
Gardyne, Almon H., Brownington Center, Vt. Ribbon-holder.	830,060	Sept. 4	299	61	124	73
Gare, Thomas, New Brighton, England. Wheel for vehicles.	810,526	Jan. 23	3941	811	120	982
Gare, Thomas, New Brighton, England. Wooden-spoke wheel.	820,923	May 15	3873	825	122	981
Garey, George G. (See Garey, John A., assignor.)						
Garey, John A., Tarkio, Mo., assignor of one-fourth to G. G. Garey, Indianapolis, Ind. Electric railway.	820,407	May 15	2805	611	122	747
Garey, John A., Tarkio, Mo., assignor of one-fourth to G. G. Garey, Indianapolis, Ind. Electric railway.	820,488	May 15	2973	642	122	783
Garfield, Julius D., Springfield, Mass. Photographic camera.	816,907	Apr. 3	713	147	121	1516
Garfinkle, Julius, Washington, D. C. Store furniture.	831,549	Sept. 25	3317	696	124	926
Garhart Dental Manufacturing Company. (See Garhart, Nathan K., assignor.)						
Garhart, Nathan K., assignor to Garhart Dental Manufacturing Company, Indianapolis, Ind. Dental engine.	829,395	Aug. 28	3457	727	123	2641
Garinger, Frank M., Washington Court-House, Ohio. Road-gate.	829,709	Aug. 28	4142	876	123	2809
Garisio, Theodore, South Bethlehem, Pa. Salvage attachment for looms.	819,420	May 1	775	167	122	176
Garland, Absalom, Malden, Mass. Miter-box.	831,277	Sept. 18	2784	586-7	124	755
Garland, Frank A., Hoboken, N. J. Wrench.	838,099	Dec. 11	1649	355	125	1810
Garland, Michael, assignor to N. Garland Company, Bay City, Mich. Resawing attachment for band-saws.	812,987	Feb. 20	2930	645-6	120	2214
Garland, Stephen A., Knoxville, Tenn. Elevating-truck.	815,416	Mar. 20	2916	604-5	121	743
Garling, William E. (See Cross, Benjamin S., assignor.)						
Garlinghouse, Burton A., Jackson, Mich. Guard and tag-holder for hats.	822,266	June 5	81	16	122	1746
Garlius, Bernt, Madison, Wis. Vaporizing device for internal-combustion engines.	820,408	May 15	2806	611	122	747
Garlock, Olin J., Palmyra, N. Y. Rod-packing.	818,023	Apr. 17	2948	636	121	2118
Garlock, Olin J., Palmyra, N. Y. Rod-packing.	818,432	Apr. 24	3759	808	121	2345
Garlock, Olin J., Palmyra, N. Y. Device for packing rods.	831,717	Sept. 25	3682	771	124	1026
Garlock, Olin J., Palmyra, N. Y. Gasket.	834,611	Oct. 30	5443	1155	124	2723
Garmes, Louis, <i>et al.</i> (See Latimer, Samuel A., assignor.)						
Garner, Ray H., and K. T. Henley, Bay City, Ill. Grading-machine.	832,474	Oct. 2	914	178	124	1431
Garner, Roy H., and K. T. Henley, Bay City, Ill. Churn.	820,297	May 8	2593	565	122	640
Garnett, George H., Allentown, Pa. Scrubber.	815,343	Mar. 20	2744	571	121	705
Garnett, Harrison, Norristown, Pa. Loom-shuttle check.	811,139	Jan. 30	5143	1075	120	1276
Garnett, William H., Little Rock, Ark. Non-refillable bottle.	810,481	Jan. 23	3844	790	120	960
Garnett, William H., Kansas City, Mo. Seat for automobiles.	837,050	Nov. 27	4334	919	125	1201
Garney, Edythe P., Scranton, Pa. Telephone or other booth.	811,140	Jan. 30	5144	1075	120	1276
Garnier, Gustave, (alias G. Girrane), and C. Grobon, Lyon, France. Theatrical machinery or apparatus.	830,988	Sept. 11	2177	459-60	124	577
Garrard, William D., assignor of six-ninths to J. L. Corner, H. A. McDonald, and J. J. Plaster, Bedias, Tex. Wrench.	815,156	Mar. 13	2322	486	121	563
Garred, Ulysses A., Anaconda, Mont. Hopper or bin.	836,679	Nov. 27	3545	758	125	1006
Garretson, Frank B., Worcester, Mass. Filling attachment for sight-feed oilers.	811,051	Jan. 30	4960	1036	120	1238
Garretson, Otis F., Elizabeth, N. J. Feed-bag for live stock.	825,452	July 10	1566	324	123	427
Garrett, Charles A., assignor to Stokes & Smith Company, Philadelphia, Pa. Box-covering machine.	828,471	Aug. 14	1571	332	123	2087
Garrett, Charles B., assignor to Globe Automatic Sprinkler Company, Minneapolis, Minn. Dry-pipe valve.	831,054	Sept. 18	2324	490-1	124	645
Garrett-Cromwell Engineering Company. (See Cromwell, John C., assignor.)						
Garrett, Edward T., assignor of one-third to T. H. Mathis, Calvin, La. Gage-wheel for plows.	829,710	Aug. 28	4143	876	123	2809
Garrett, George K., Philadelphia, Pa., assignor to National Umbrella Frame Company. Umbrella.	814,035	Mar. 6	75	14	121	17
Garrett, Harry L., Boone, Iowa. Fastener for vestibuled-car curtains.	839,576	Dec. 25	4557	972	125	2609
Garrett, Lebbeus G., Washington, Pa. Type-writer.	826,561	July 24	3845	795-6	123	1023
Garrett, Myers A., Chicago, Ill. Centering device for draw-bars.	809,181	Jan. 2	1097	228	120	241
Garrett, Samuel H., West Philadelphia, Pa. Window-screen.	812,490	Feb. 13	1952	430	120	1964
Garrett, Samuel H., West Philadelphia, Pa. Window-screen.	819,750	May 8	1416	305	122	376
Garrett, William O., Maryville, Mo. Stock-watering apparatus.	810,111	Jan. 16	3025	629-30	120	751

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Garrigus, Louis E., Newark, N. J. Cigar-tip cutter.....	819,875	May 8	1673	359	122	438
Garrigus, Walter A., assignor of one-half to E. Waterhouse, Chattanooga, Tenn. Cutting-machine.....	824,641	June 26	4786	1020	122	2931
Garrigus, Walter A., and R. Golling, St. Elmo, Tenn. Tool-holder.....	828,026	Aug. 7	679	140-1	123	1839
Garrison, Adam C., Joplin, Mo. Tree-protector.....	818,678	Apr. 24	4264	916	121	2453
Garrison, George H., <i>et al.</i> (See Elsom, William J., assignor.)						
Garrison, Lewis E. (See Foster and Garrison.)						
Garrison, Perry J., Three Rivers, Mich. Car-wheel.....	817,636	Apr. 10	2149	456	121	1884
Garrity, George F., Scranton, Pa. Match-safe.....	823,354	June 19	3254	683	122	2545
Garrod, Albert R., New York, N. Y. Ankle brace and supporter.....	830,894	Sept. 11	2004	422	124	536
Garroway, David C., Schenectady, N. Y., assignor to General Electric Company. Turbine.....	822,267	June 5	82	17	122	1747
Garry, Frank M., Bergen, N. Y. Fence-post.....	823,722	June 19	3000	635	122	2487
Garside, Charles W. (See Simmons and Garside.)						
Garside, Irad L., assignor to Garside Manufacturing Company, Paterson, N. J. Blind-adjuster.....	818,758	Apr. 24	4442	951	121	2493
Garside Manufacturing Company. (See Garside, Irad L., assignor.)						
Garst, Perry, Portsmouth, N. H. Pencil-sharpener.....	818,433	Apr. 24	3760	808-9	121	2345
Garst, Stephen H., assignor to American Harrow Company, Detroit, Mich. Mechanical movement.....	814,686	Mar. 13	1400	292	121	366
Garst, Stephen H., assignor to American Harrow Company, Detroit, Mich. Manure-distributor.....	817,704	Apr. 10	2257	485-6	121	1907
Garst, Stephen H., assignor to American Harrow Company, Detroit, Mich. Draft attachment for disk harrows.....	826,655	July 24	4034	836	123	1072
Garton-Daniels Company. (See Jones, Walter C., assignor.)						
Gartrell, Francis W., Washington, D. C. Anchoring device.....	830,428	Sept. 4	1068	223	124	264
Gartshore, Matthew W., and J. H. Foster, assignors to Parish & Bingham Company, Cleveland, Ohio. Plug.....	816,856	Apr. 3	613	128	121	1495
Garver, Martin V., Bryan, Ohio. Wheelbarrow-shoe.....	816,655	Apr. 3	231	53	121	1411
Garver, Martin V., Bryan, Ohio. Crate for wheelbarrows.....	832,663	Oct. 9	1301	262	124	1567
Garver, Taylor M., Champaign, Ill. Track-laying machine.....	833,038	Oct. 9	2035	429	124	1741
Garvey, William E., assignor of two-thirds to A. N. Butler and W. J. Engel, Cleveland, Ohio. Air-carbureter.....	829,375	Aug. 21	3420	720	123	2585
Garvin Cyanide Extraction Company. (See Garvin, Edward J., assignor.)						
Garvin, Edward J., Portland, Oreg., assignor to Garvin Cyanide Extraction Company. Apparatus for recovering precious metals.....	809,939	Jan. 16	2655	549	120	668
Garvin, Edward J., assignor to Garvin Cyanide Extraction Company, Portland, Oreg. Apparatus for recovering precious metals.....	822,940	June 12	1409	295	122	2081
Gary, Albert D., assignor of one-half to H. H. Chandler, Lavonia, Ga. Clock.....	824,537	June 26	4581	974	122	2886
Gas and Electric Protective Company. (See Larish, Joseph W., assignor.)						
Gascoigne, Mark H., <i>et al.</i> (See Hall, Robert J., assignor.)						
Gasglühlicht Gesellschaft Hamburg M. B. H. (See Macziossek, Friedrich A., assignor.)						
Gaskill, Luman H., San Diego, Cal. Compound for preserving wood, &c.....	836,316	Nov. 20	2819	.....	125	799
Gaskill, Roland R., deceased; A. A. Peters, administrator, Denver, Colo. Grain beater and cleaner.....	829,600	Aug. 28	3912	829-30	123	2755
Gaskins, Lindsey, Hamilton, Va. Automatic bell-signal for railway-track crossings.....	810,112	Jan. 16	3027	630	120	752
Gasparro, Bernard. (See Michele, Abruzzo, assignor.)						
Gaspary, Alfred, Markranstadt, near Leipsic, Germany. Apparatus for molding tiles, slabs, and the like of plastic material.....	835,858	Nov. 13	1919	405	125	525
Gass, Robert, Shubenacadie, Canada. Railway-car.....	814,777	Mar. 13	1573	332	121	403
Gassaway, Edloe C. (See Jones Edward N., assignor.)						
Gassaway, John H., Washington, D. C., assignor to G. A. Reach, Philadelphia, Pa. Baseball glove.....	839,063	Dec. 18	3489	754	125	2302
Gastineau, John L., Alhambra, Cal. Rule-marker.....	823,406	June 12	2362	497	122	2290
Gaston, Walter. (See Brinton and Gaston.)						
Gaston, William E., Pleasantville, N. Y. Lifting-jack.....	817,637	Apr. 10	2151	457	121	1884
Gatchell, Charles H., Boston, Mass. Adjustable fire-pot.....	818,949	Apr. 24	4797	1031	121	2569
Gato City Horse Collar Company. (See Estes, William B., assignor.)						
Gately, John H., assignor of one-half to J. P. Riley, Bellows Falls, Vt. Winding-core.....	839,378	Dec. 25	4155	890	125	2512
Gates, Harvey P., Remington, Ind. Block-molding machine.....	809,367	Jan. 9	1528	310	120	370
Gates, James A., assignor of one-half to J. Hinchman, Detroit, Mich. Edge-trimmer.....	816,459	Mar. 27	5038	1070	121	1251
Gates, Ryerson D., Oak Park, Ill. Pipe.....	825,597	July 10	1874	396	123	499
Gates, Walter. (See Olsen and Gates.)						
Gates, William H. (See Rogers, Leonard R., assignor.)						
Gates, William H., Worcester, Mass. Drive-chain.....	811,391	Jan. 30	5627	1178	120	1381
Gates, William H., Norwich, Conn. Mandrel for phonographic records.....	825,045	July 3	719	151	123	193
Gatewood, Ribourne W., Norfolk, Va. Time-operated keyhole-guard.....	837,051	Nov. 27	4335	919-20	125	1202
Gathmann, Emil, Bethlehem, Pa., assignor of one-fourth to L. Gathmann, Washington, D. C. Armor-plate.....	826,562	July 24	3843	796-7	123	1024
Gathmann, Emil A. (See Meigs and Gathmann.)						
Gathmann, Emil A., and W. S. Hermany, Bethlehem, Pa. Fly-paper guard and holder.....	827,006	July 24	4694	978-9	123	1235
Gathmann, Louis. (See Gathmann, Emil, assignor.)						
Gathmann, Louis, assignor of one-half to M. E. Dayton and H. Bartle, Washington, D. C. Reducing milk to a dry powder.....	834,516	Oct. 30	5251	1115	124	2676
Gatwood, Walter, Manchester, England. Pocket for draw-bars.....	814,128	Mar. 6	254	48-9	121	56
Gaszen, Wilhelm, San Francisco, Cal. Safety lever-frame for car-windows.....	818,156	Apr. 17	3206	690	121	2172
Gatzert, Abraham N. (See Berens and Gatzert.)						
Gatzert, Abraham N., Chicago, and S. Berens, La Grange, Ill. Illuminating-sign.....	813,087	Feb. 20	3126	685	120	2258
Gault, Frank M., Oklahoma, Okla. Ter. Poultry-shipping coop.....	809,558	Jan. 9	1918	398	120	455
Gault, Frank M., Oklahoma, Okla. Ter. Crate for transporting poultry.....	809,559	Jan. 9	1919	398-9	120	455
Gault, Frank M., Oklahoma, Okla. Ter. Jointed vehicle-step.....	814,687	Mar. 13	1402	292	121	366
Gault, John H. (See Wandless, Franklin W., assignor.)						
Gault, John H., Philadelphia, Pa., assignor to International Silver Company. Insulator for handles of vessels used to hold hot liquids.....	834,290	Oct. 30	4825	1020	124	2568
Gault, John H., Philadelphia, Pa., assignor to International Silver Company. Drawing blanks.....	834,291	Oct. 30	4827	1020-1	124	2568
Gault, Milton M. (See Weed, Elisha L., assignor.)						
Gaun, William G., Panther, W. Va. Belt-tightener.....	825,645	July 10	2014	421	123	538
Gauntlett, Joseph, Ann Arbor, Mich. Cigar-holder.....	830,061	Sept. 4	301	61	124	73
Gauthier, Charles F., <i>et al.</i> (See Lowe, Luke T., assignor.)						
Gaven, William J. (See Hoyt and Gaven.)						
Gavett, George I. (See Little and Gavett.)						
Gay, Chauncey W., West Springfield, Mass. Counting and stacking mechanism for boxes.....	839,130	Dec. 25	3675	792	125	2396
Gay, Daniel G., assignor of one-half to J. W. Lynd, Freewater, Oreg. Syringe.....	817,054	Apr. 3	1005	206	121	1552
Gay, Edgar A., Rochester, N. Y. Furniture-hinge.....	820,776	May 15	3522	755	122	904

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Gay, Joseph H. (See Quigley and Gay.)						
Gayer, Ernest C., Calcutta, India. Automatic coupling for railway and other vehicles.	829,582	Aug. 28	3871	821	123	2744
Gayer, Francois, Paris, France. Sectional gear-wheel.	825,900	July 17	2497	519	123	666
Gaylor, Leonard B., Newton Center, Mass. Automobile.	810,636	Jan. 23	4152	858	120	1028
Gaylor, Leonard B., Stamford, Conn. Safety-razor.	819,987	May 8	1947	430	122	494
Gaylor, Leonard B., Stamford, Conn. Combination-padlock.	832,604	Oct. 9	1180	237	124	1539
Gaylor, Percy W., Rye, and W. Dubee, Brooklyn, N. Y. Concrete building-block.	829,711	Aug. 28	4144	877	123	2810
Gaylord, Arthur C., assignor to Galesburg Colteur-Disc Co., Galesburg, Ill. Cleaner for disk harrows.	831,505	Sept. 18	3201	676-7	124	861
Gaylord, Edward L., Bridgeport, Conn. Pipe-bowl.	826,098	July 17	2890	600	123	769
Gaylord, Edwin S. (See Hardenbergh, John C., assignor.)						
Gaylord, Robert H., Pasadena, Cal. Safety-indicator for elevators and traction-cars.	829,864	Aug. 28	4460	942-3	123	2888
Gaynor, John J. (See Rexroth and Gaynor.)						
Gaynor, John J., assignor of two-thirds to A. Harmon and E. W. Spencer, Indianapolis, Ind. Machine for making coin-mailing cards.	839,747	Dec. 25	4916	1050-1	125	2697
Gaynor, Joseph, New York, N. Y. Sound-box.	816,908	Apr. 3	718	148	121	1517
Gaynor, Thomas F., New York, N. Y., assignor to Electric Amusement Company. Electric race-track.	811,284	Jan. 30	5433	1132-3	120	1340
Ge Bott, J. D., Richmond, W. Va. Machine for straightening hand-saw blades.	831,222	Sept. 18	2656	558-9	124	720
Geare, Henry W., Brooklyn, N. Y. Pump-governor.	822,519	June 5	570	115	122	1851
Gearless Transmission Company. (See Davis, Orson W., assignor.) (Reissue.)						
Geary, John F., assignor to United States Radiator Company, Dunkirk, N. Y. Box-base for radiators.	827,093	July 31	4902	1023	123	1301
Geb, George, Providence, R. I. Automatic stock-compensating device for card-feeders.	827,359	July 31	5448	1133	123	1439
Gebauer, Theophil H., Cleveland, Ohio. Inhaling apparatus.	821,354	May 22	4762	1012	122	1240
Gebhardt, Edwin, Cincinnati, Ohio. Cover for muclage and paste vessels.	826,844	July 24	4391	914	123	1163
Gebhardt, Fredrich, Alliance, Ohio. Metallic truck for railway-cars.	822,112	May 29	6248	1330-1	122	1625
Gebhart, Henry F., Ashland, Ohio. Pump attachment for windmills.	837,461	Dec. 4	370	86	125	1448
Gebhart, John C., Atlanta, assignor to Atlanta Utility Works, Inc., East Point, Ga. Reversing turbine-engine.	829,396	Aug. 28	3458	727-8	123	2641
Gebhart, John C., East Point, Ga., assignor to Atlanta Utility Works, Inc. Lifting-jack.	830,659	Sept. 11	1566	322	124	421
Gebhart, Meinrad. (See Flaschberger and Gebhart.)						
Gedeon, Joseph J. (See Kundtz and Gedeon.)						
Gedge Brothers Iron Roofing Company. (See Edwards, Josiah P., assignor.)						
Gedney, Albert G., New York, N. Y. Game-board.	820,356	May 8	2687	587	122	661
Gee, Frank P. (See La Munyon and Gee.)						
Gee, John A., Cripple Creek, Colo. Attachment for window and door screens.	832,788	Oct. 9	1552	319	124	1626
Gee, Myron, Los Angeles, Cal. Trimming and display hat-stand.	827,007	July 24	4697	979	123	1236
Geen, James, Brooklyn, N. Y. Gas-meter.	820,563	May 15	3134	674	122	819
Geer, Albert P., New London, Conn. Evaporating liquids.	819,697	May 1	1304	284	122	293
Geer Company, H. S. (See Geer, Harrie S., assignor.)						
Geer, Harrie S., assignor to H. S. Geer Company, Troy, N. Y. Ice-cream scraper and means to support the same.	835,131	Nov. 6	517	104	125	133
Geer, Harry R., Johnstown, Pa. Metal-cutting saw.	830,778	Sept. 11	1806	374	124	485
Geer, Harry R., Johnstown, Pa. Metal-saw.	830,779	Sept. 11	1807	374	124	485
Geery, Charles H., Columbia, Mo. Whiffletree-hook.	820,564	May 15	3135	674	122	819
Geese, Theodor. (See Holpfer and Geese.)						
Geeseka, Otto A., et al. (See Clawson, Charles F., assignor.)						
Gegauf, Friedrich, Steckborn, Switzerland. Ornamental-stitching and embroidery machine.	821,233	May 22	4499	958	122	1180
Gegner, John P., Sandusky, Ohio. Attachment for horseshoes.	809,105	Jan. 2	972	201	120	215
Gehnnrich, Hermann, New York, N. Y. Furnace or oven.	835,945	Nov. 13	2073	443	125	561
Gehr, John H., Waynesboro, Pa. Wall-mold.	809,106	Jan. 2	973	201	120	215
Gehre, Max, Rath, near Düsseldorf, Germany. Spring-regulator.	837,557	Dec. 4	550	129	125	1492
Gehring, Frederic, assignor of one-half to J. M. Burns, Waynesburg, Pa. Piano.	833,923	Oct. 23	3917	830	124	2301
Gehring, Marie V., et al. (See Shoemaker, Harry, assignor.)						
Gehrkins, Edward F., Schenectady, N. Y., assignor to General Electric Company. Starting-compensator for alternating-current motors.	809,677	Jan. 9	2167	448	120	508
Geibel, John W., Loysburg, assignor of one-third to H. D. Tate, Bedford, Pa. Removing sap, &c. from wood.	825,819	July 10	2347	489	123	618
Geiger, David F., Barlow, N. D. Belt-reel.	818,157	Apr. 17	3208	690	121	2173
Geiger, G. H. (See Kelly, Joseph N., assignor.)						
Geiger, Gustav, Munich, Germany. Photographic-plate holder.	824,352	June 26	4190	895	122	2803
Geiger, William A. (See Rudolphi and Geiger.)						
Geipel, William, and F. M. T. Lange, Southwark, England. Control of electric motors.	838,315	Dec. 11	2083	450-1	125	1914
Geis, John J., Kansas City, Mo. Range-base.	836,680	Nov. 27	3548	757	125	1007
Geisel, John H., New Rochelle, N. Y. Garment-clasp.	827,525	July 31	5883	1218	123	1544
Geisel, Theodor R., Springfield, Mass. Exercising device.	818,242	Apr. 17	3387	727	121	2210
Geisendorfer, George, and W. A. Allen, Upton, Cal.; said Allen assignor to said Geisendorfer. Automatic distributor for blower-separators.	816,460	Mar. 27	5038	1070	121	1251
Geisenhöner, Henry, Schenectady, N. Y. Hand-tool.	833,712	Oct. 16	3437	733	124	2133
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Machine for shaping the ends of metal bars.	811,771	Feb. 6	441	96	120	1582
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Snap-switch.	819,645	May 1	1199	264	122	269
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Motor-starting rheostat.	822,269	June 5	86	18	122	1747
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Collector-ring.	827,360	July 31	5451	1133	123	1439
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Time-switch.	829,774	Aug. 28	4286	906	123	2846
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Manufacture of nozzles for elastic-fluid turbines or other cored castings.	829,865	Aug. 28	4463	943	123	2888
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Oil-ring.	831,506	Sept. 18	3203	677	124	861
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Cut-out.	833,317	Oct. 16	2631	552	124	1943
Geisenhöner, Henry, and D. Miller, Schenectady, N. Y., assignors to General Electric Company. Steering-check for automobiles.	822,268	June 5	84	17	122	1747
Geiser Manufacturing Company. (See Anderson, Gustaf A., assignor.)						
Geisert, Theophilus B., St. Paul, Minn. Exhaust and draft regulator for locomotives.	837,462	Dec. 4	373	86	125	1449
Geissenhainer, Frederick W., Jr. (See Osgood, Horatio B., Jr., assignor.)						
Gell, John, Highgate, London, England. Automatic transmitter for telegraphic systems.	835,750	Nov. 13	1705	363-4	125	473
Gell, John, London, England. Automatic transmitter for telegraphic systems.	835,751	Nov. 13	1710	364	125	474
Geltz, Albert H., Alliance, and L. L. Hosack, Youngstown, Ohio, assignors to C. B. McLean, Pittsburg, Pa. Air-brake apparatus.	827,063	July 24	4823	1004	123	1267

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Gem Fibre Package Company. (See Harbeck, Jervis R., assignor.)						
Gem Hammock and Fly Net Company. (See Knoernschild, Charles, assignor.)						
Gembler, Andrew H. (See Wise, Harry, assignor.)						
Gemmer, George A., Marion, Ind. Steering device.....	829 006	Aug. 21	2625	553-4	123	2385
Genchi, Pietro. (See Reinhard and Genchi.)						
Gendron, Joseph L., Warren, Mass. Folding music-stand.....	824,783	July 3	192	34	123	56
Gendron Wheel Company. (See Diemer, William, assignor.)						
Genella, Alphonse J. K., New Orleans, La. Fraud-preventive bottle.....	833,684	Oct. 16	3383	718-19	124	2121
General Chemical Company. (See Knietsch, Rudolf, assignor.)						
General Electric Company. (See Ablett, Charles A., assignor.)						
General Electric Company. (See Ahlquist, Karl, assignor.)						
General Electric Company. (See Aiken, Edward L., assignor.)						
General Electric Company. (See Alexanderson, Ernst F. W., assignor.)						
General Electric Company. (See Alton, George H., assignor.)						
General Electric Company. (See Anderson, Edward H., assignor.)						
General Electric Company. (See Andrews, William S., assignor.)						
General Electric Company. (See Armstrong, Albert H., assignor.)						
General Electric Company. (See Arsem, William C., assignor.)						
General Electric Company. (See Baldwin, Henry S., assignor.)						
General Electric Company. (See Ball, Augustus A., Jr., assignor.)						
General Electric Company. (See Ball, Henry P., assignor.)						
General Electric Company. (See Barker, Ralph E., assignor.)						
General Electric Company. (See Barnes, Edward A., assignor.)						
General Electric Company. (See Barry, Charles E., assignor.)						
General Electric Company. (See Batchelder, Asa F., assignor.)						
General Electric Company. (See Becker, Robert A., assignor.)						
General Electric Company. (See Bentley, Oliver D. H., assignor.)						
General Electric Company. (See Berg, Ernst J., assignor.)						
General Electric Company. (See Boyd, Frederic R. C., assignor.)						
General Electric Company. (See Bradway, Chatten, assignor.)						
General Electric Company. (See Branin, Mark H., assignor.)						
General Electric Company. (See Brown, Walter W., assignor.)						
General Electric Company. (See Bruman, Otto F., assignor.)						
General Electric Company. (See Buck, Harold W., assignor.)						
General Electric Company. (See Bunet, Paul, assignor.)						
General Electric Company. (See Burrows, William R., assignor.)						
General Electric Company. (See Button, Theodore E., assignor.)						
General Electric Company. (See Callan, John G., assignor.)						
General Electric Company. (See Callan and Boyd, assignors.)						
General Electric Company. (See Callan and Hamilton, assignors.)						
General Electric Company. (See Case, Frank E., assignor.)						
General Electric Company. (See Churchward, Alexander, assignor.)						
General Electric Company. (See Collins, Patrick J., assignor.)						
General Electric Company. (See Collins, Patrick J., assignor.) (Reissue.)						
General Electric Company. (See Corey, Fred B., assignor.)						
General Electric Company. (See Cravens, George W., assignor.)						
General Electric Company. (See Curtis, Charles G., assignor.)						
General Electric Company. (See Dallam, John C., assignor.)						
General Electric Company. (See Dawson, William F., assignor.)						
General Electric Company. (See Day, Maxwell W., assignor.)						
General Electric Company. (See Day, Winterton J., assignor.)						
General Electric Company. (See Dempster, John T., assignor.)						
General Electric Company. (See Dempster, John T. H., assignor.)						
General Electric Company. (See Eichberg, Friedrich, assignor.)						
General Electric Company. (See Ellis, Alvarado L. R., assignor.)						
General Electric Company. (See Emmet, William L. R., assignor.)						
General Electric Company. (See Emmet and Clark, assignors.)						
General Electric Company. (See Ernst, Carl A., assignor.)						
General Electric Company. (See Eveleth, Charles E., assignor.)						
General Electric Company. (See Everest and Barker, assignors.)						
General Electric Company. (See Fenn, Frank L., assignor.)						
General Electric Company. (See Fleming, Richard, assignor.)						
General Electric Company. (See Frank, John J., assignor.)						
General Electric Company. (See Garroway, David C., assignor.)						
General Electric Company. (See Gehrken, Edward F., assignor.)						
General Electric Company. (See Geisenhöner, Henry, assignor.)						
General Electric Company. (See Geisenhöner and Miller, assignors.)						
General Electric Company. (See Gomborow, Joel, assignor.)						
General Electric Company. (See Green, Charles M., assignor.)						
General Electric Company. (See Hadley, Arthur L., assignor.)						
General Electric Company. (See Hall, John L., assignor.)						
General Electric Company. (See Hall, Walter A., assignor.)						
General Electric Company. (See Hall and Yates, assignors.)						
General Electric Company. (See Hanna, Max R., assignor.)						
General Electric Company. (See Hårdén, Johannes, assignor.)						
General Electric Company. (See Hartman, Charles E., assignor.)						
General Electric Company. (See Hartley, James J., assignor.)						
General Electric Company. (See Hawkins, Laurence A., assignor.)						
General Electric Company. (See Heath, Harry E., assignor.)						
General Electric Company. (See Herkner, Paul E., assignor.)						
General Electric Company. (See Herman, Reinhold, assignor.)						
General Electric Company. (See Hewlett, Edward M., assignor.)						
General Electric Company. (See Hewlett and Button, assignors.)						
General Electric Company. (See Hill, Charles H., assignor.)						
General Electric Company. (See Hill, George H., assignor.)						
General Electric Company. (See Hilliard, John D., Jr., assignor.)						
General Electric Company. (See Hodsdon, Ernest D., assignor.)						
General Electric Company. (See Holden, Frank, assignor.)						
General Electric Company. (See Holladay, Lewis L., assignor.)						
General Electric Company. (See Holz, Otto, assignor.)						
General Electric Company. (See Hurley, Daniel, assignor.)						
General Electric Company. (See Jackson, Alexander M., assignor.)						
General Electric Company. (See Johnston, Thomas J., assignor.)						
General Electric Company. (See Jones, Walter J., assignor.)						
General Electric Company. (See Junggren, Oscar, assignor.)						
General Electric Company. (See Kanmacher, Sam H., assignor.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
General Electric Company.	(See Keller, Huldreich, assignor.)					
General Electric Company.	(See Kellogg, James W., assignor.)					
General Electric Company.	(See Key, James F., assignor.)					
General Electric Company.	(See Krohn, Sigvald, assignor.)					
General Electric Company.	(See Kruesi, August H., assignor.)					
General Electric Company.	(See La Cos, Joseph, assignor.)					
General Electric Company.	(See Larson, Carl W., assignor.)					
General Electric Company.	(See Latour, Marius C. A., assignor.)					
General Electric Company.	(See Lemp, Hermann, assignor.)					
General Electric Company.	(See Libby, Sam H., assignor.)					
General Electric Company.	(See Linn, John B., assignor.)					
General Electric Company.	(See Lord, Charles E., assignor.)					
General Electric Company.	(See Lundskog, Julius W., assignor.)					
General Electric Company.	(See Macloskie, George, assignor.)					
General Electric Company.	(See Marshall, Norman, assignor.)					
General Electric Company.	(See Merrill, Wilbur L., assignor.)					
General Electric Company.	(See Meyersberg, Gustav, assignor.)					
General Electric Company.	(See Milch, Maurice, assignor.)					
General Electric Company.	(See Miller, David, assignor.)					
General Electric Company.	(See Möller, Karl, assignor.)					
General Electric Company.	(See Moody, Walter S., assignor.)					
General Electric Company.	(See Morganthaler, Peter C., assignor.)					
General Electric Company.	(See Mortensen, Casper C. M., assignor.)					
General Electric Company.	(See Murphy, Edwin J., assignor.)					
General Electric Company.	(See Newton, Arthur D., assignor.)					
General Electric Company.	(See Noeggerath, Jakob E., assignor.)					
General Electric Company.	(See Ober, Julius E., assignor.)					
General Electric Company.	(See Parshall, Horace F., assignor.)					
General Electric Company.	(See Persson, Otto F., assignor.)					
General Electric Company.	(See Pevear, Jesse S., assignor.)					
General Electric Company.	(See Potter, William B., assignor.)					
General Electric Company.	(See Pratt, William H., assignor.)					
General Electric Company.	(See Pratt and Ellis, assignors.)					
General Electric Company.	(See Priest, Edward D., assignor.)					
General Electric Company.	(See Read, Robert H., assignor.)					
General Electric Company.	(See Reist, Henry G., assignor.)					
General Electric Company.	(See Rice, Edwin W., Jr., assignor.)					
General Electric Company.	(See Rice, Richard H., assignor.)					
General Electric Company.	(See Riddell, John, assignor.)					
General Electric Company.	(See Rider, Oran O., assignor.)					
General Electric Company.	(See Rogers, Robert H., assignor.)					
General Electric Company.	(See Rupley, George H., assignor.)					
General Electric Company.	(See Rushmore, David B., assignor.)					
General Electric Company.	(See Ryan, Walter D., assignor.)					
General Electric Company.	(See Samuelson, Frederick, assignor.)					
General Electric Company.	(See Sanford, Frank W., assignor.)					
General Electric Company.	(See Sargent, Howard R., assignor.)					
General Electric Company.	(See Savage, Arthur C., assignor.)					
General Electric Company.	(See Schattner, Ernest, assignor.)					
General Electric Company.	(See Schmidt, Louis M., assignor.)					
General Electric Company.	(See Schweiger, Ernest, assignor.)					
General Electric Company.	(See Schwennker, Charles F., assignor.)					
General Electric Company.	(See Smith, Arthur R., assignor.)					
General Electric Company.	(See Smith, Henry L., assignor.)					
General Electric Company.	(See Steinmetz, Charles F., assignor.)					
General Electric Company.	(See Stevens, George E., assignor.)					
General Electric Company.	(See Stewart, Samuel B., Jr., assignor.)					
General Electric Company.	(See Stone, Charles W., assignor.)					
General Electric Company.	(See Stone, Fred L., assignor.)					
General Electric Company.	(See Stumpf, Johann, assignor.)					
General Electric Company.	(See Swan, Alfred, assignor.)					
General Electric Company.	(See Taylor, John B., assignor.)					
General Electric Company.	(See Thomson, Elihu, assignor.)					
General Electric Company.	(See Thomson and Ball, assignors.)					
General Electric Company.	(See Tirrill, Leonard A., assignor.)					
General Electric Company.	(See Tornberg, Knut, assignor.)					
General Electric Company.	(See Tournier, Julius C., assignor.)					
General Electric Company.	(See Troy, Matthew O., assignor.)					
General Electric Company.	(See Van Aller, Tycho, assignor.)					
General Electric Company.	(See Van Slyck, Charles H., assignor.)					
General Electric Company.	(See Vogel, Frederick M., assignor.)					
General Electric Company.	(See Wagner, Friedrich J. R., assignor.)					
General Electric Company.	(See White, Harold E., assignor.)					
General Electric Company.	(See White, Roger S., assignor.)					
General Electric Company.	(See Whitehurst, Obed F., assignor.)					
General Electric Company.	(See Whitney, Eddy R., assignor.)					
General Electric Company.	(See Whitney, Willis R., assignor.)					
General Electric Company.	(See Wiard, John B., assignor.)					
General Electric Company.	(See Willard, Frederick A., assignor.)					
General Electric Company.	(See Wilson, Howard B., assignor.)					
General Electric Company.	(See Wood, Howard I., assignor.)					
General Electric Company.	(See Wood, Montraville M., assignor.)					
General Electric Company.	(See Woods, Granville T. and L., assignors.)					
General Electric Company.	(See Zell, Erland, assignor.)					
General Electric Company.	(See Zimmer, Paul H., assignor.)					
General Fire Extinguisher Company.	(See Buell, Charles E., assignor.)					
General Fire Extinguisher Company.	(See De Wolf, Philip, assignor.)					
General Fire Extinguisher Company.	(See Grinnell, Frederick, assignor.)					
General Fireproofing Company.	(See Wege, Peter M., assignor.)					
General Fireproofing Company.	(See White, Herbert E., assignor.)					
General Gas Appliance Company.	(See Donnelly, William T., assignor.)					
General Incandescent Arc Light Company.	(See Ball, Henry P., assignor.)					
General Incandescent Arc Light Company.	(See Blake and Davison, assignors.)					
General Machinery & Supply Company.	(See Burley, Harry S., assignor.)					
General Management of the Court Hugo, Lazy, Arthur Henckel von Donnersmarch Beutliu.	(See Lipowsky, Franz, assignor.)					

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
General Manufacturing and Supply Company. (See McLewee, William S., assignor.)						
General Patent Promoting Company. (See Monroe, Orville V., assignor.)						
General Pneumatic Tool Company. (See Shepard, James A., assignor.)						
General Power Company. (See Secor, John A., assignor.)						
General Railway Signal Company. (See Howe, Winthrop K., assignor.)						
General Railway Signal Company. (See Macomber, William, assignor.)						
General Railway Signal Company. (See Salmon, Wilmer W., assignor.)						
General Railway Signal Company. (See Salmon and Dodgson, assignors.)						
General Railway Signal Company. (See Taylor, John D., assignor.)						
General Railway Signal Company. (See Townsend, Fitzhugh, assignor.)						
General Storage Battery Company. (See Bijur, Joseph, assignor.)						
General Storage Battery Company. (See Lyndon, Lamar, assignor.)						
General Traction Company. (See Post, John, assignor.)						
Genese Cereal Manufacturing Company of West Virginia. (See Genese, David, assignor.)						
Genese, David, Baltimore, Md. Composition of matter and making same	834,718	Oct. 30	5654	1199	124	2779
Genese, David, Baltimore, Md. Hermetic sealing means	834,719	Oct. 30	5655	1200	124	2779
Genese, David, Baltimore, Md. Mold	839,748	Dec. 25	4921	1051	125	2699
Genese, David, assignor to Genese Cereal Manufacturing Company of West Virginia, Baltimore, Md. Making solidified antiseptic compounds	809,795	Jan. 9	2380	492	120	555
Genet, Frank J. and W. F., Leopold, Ind. Hopper for grain-drills	838,533	Dec. 18	2514	544	125	2065
Genet, William F. (See Genet, Frank J. and W. F.)						
Genoux, Emile C., Jeanerette, La. Railway-rail	812,988	Feb. 20	2933	646	120	2214
Geneva Furniture Manufacturing Company. (See Hulse, Edwin M., assignor.)						
Geneva Furniture Mfg. Company. (See Seng, Julius T., assignor.)						
Geneva Toy & Game Company. (See Becker, Philip, assignor.)						
Genovese, Giuseppe, and E. Calvi, New York, N. Y. Candle-wick	816,790	Apr. 3	467	104	121	1460
Genson, Silas W. (See Keeler and Genson.)						
Genter, Jacob H., assignor of one-half to J. A. Lawson, Albany, N. Y. Ice-cream freezer	835,514	Nov. 13	1272	273	125	366
Gentieu, George W., Peoria, Ill. Manufacture of explosives	832,605	Oct. 9	1182	237	124	1540
Gentieu, George W., Peoria, Ill. Manufacturing smokeless powder	837,463	Dec. 4	375	86	125	1450
Genung, Fred A., and W. M. Spoor, Painted Post, N. Y. Engine	834,974	Nov. 6	186	40	125	49
Geo. E. Keith Company. (See Wade, Fred M., assignor.)						
Geo. R. Rich Manufacturing Company. (See Rich, George R., assignor.)						
Geo. V. Cresson Co. (See Stacks, Howard R., assignor.)						
Geoffroy, Albert, Erath, La. Windmill	814,283	Mar. 6	547	114-15	121	118
Geoffroy, Raymond, <i>et al.</i> (See Fuller, Eugene, assignor.)						
Geometric Tool Company. (See Leonard, Wilbur A., assignor.)						
George A. McKeel and Company. (See Scheffler, George D., assignor.)						
George A. Ohl & Co. (See Ohl and Berghof, assignors.)						
George, Adelbert D. and A. B., Dixon, Ill. Non-refillable bottle	829,775	Aug. 28	4288	906	123	2846
George, Austin B. (See George, Adelbert D. and A. B.)						
George, Cornelius B., <i>et al.</i> (See George, William W., assignor.)						
George, Cortis K., and J. Burnett, Milford, N. H. Stone-saw	832,053	Oct. 2	49	13	124	1225
George D. Whitcomb Company. (See Whitcomb, William C., assignor.)						
George, Edgar J., Chicago, Ill. Adhesive guard for eyeglasses	826,565	July 24	3850	797	123	1024
George, Edgar J., Chicago, Ill. Eyeglass and spectacle mounting	829,264	Aug. 21	3194	671	123	2531
George, Edwin, assignor of two-sixths to W. E. Cullum and J. Crosby, Dickson, Tenn. Lock	822,000	May 29	6031	1285	122	1575
George, Edwin M., Grand Forks, British Columbia, Canada. Window-cleaner	832,475	Oct. 2	916	178	124	1432
George, Frank, North Star, Ohio. Combined show-case, counter, and cabinet	826,720	July 24	4158	864	123	1103
George, Fred H., Lisbon, Ohio. Hat and coat rack	839,749	Dec. 25	4922	1052	125	2699
George Frost Company. (See Phelps, George H., assignor.)						
George G. London Manufacturing Company. (See Litch, Lemuel W., assignor.)						
George, Harry V., <i>et al.</i> (See Britton, Louis H., assignor.)						
George, James F., Chunchula, Ala. Hinge-washer	838,976	Dec. 18	3320	717	125	2259
George, Japhus, Wilcox, Pa., C. M. Shortle, Bernhards Bay, N. Y., and B. C. White, Chicago, Ill.; said George and said Shortle assignors, by mesne assignments, to New-kirk Glass Company, Pierre, S. D. Glass-cylinder-drawing machine	835,061	Nov. 6	377	77-8	125	100
George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Gas-producer	809,295	Jan. 9	1375	279	120	338
George, Joseph F., New York, N. Y., assignor, by mesne assignments, to Empire Electric Stage Lighting Company. Electrical switch	810,527	Jan. 23	3942	811	120	982
George, Orrie, and P. Smith, assignors to P. Smith Co., Sidney, Ohio. Anchor	816,857	Apr. 3	615	129	121	1495
George, Thomas, Pittsburg, Pa. Power-roller	835,130	Nov. 6	515	104	125	132
George, Walter, Hollidaysburg, Pa. Rail-joint	828,735	Aug. 14	2094	443	123	2221
George, William W., assignor to W. W. and C. B. George, Winchester, Ky. Liquid-weighing apparatus	838,503	Dec. 11	2441	531	125	2003
Geraci, Ignatius, assignor of one-half to C. Linkins, Washington, D. C. Tailor's measure	813,415	Feb. 27	3793	832	120	2456
Geraci, Ignatius, assignor of one-half to C. Linkins, Washington, D. C. Coat-hanger	839,284	Dec. 25	3975	854	125	2467
Geraci, Ignatius, assignor of one-half to C. Linkins, Washington, D. C. Coat-hanger	839,285	Dec. 25	3978	854	125	2468
Gerald, Amos F., Fairfield, Me. Brick	833,455	Oct. 16	2928	621	124	2014
Gerard, Frederic J., assignor of one-half to L. Fiedler, London, England. Electrode for arc-lights	828,544	Aug. 14	1717	362	123	2124
Gerard, Joseph, Gainesville, Tex. Train signaling system	823,114	June 12	1784	367-8	122	2164
Gerard, Léon, Brussels, Belgium, assignor to P. Thompson, East Orange, N. J. Process and apparatus for testing water for decoloration	814,036	Mar. 6	77	14	121	18
Gerard, Léon, Brussels, Belgium, assignor to P. Thompson, East Orange, N. J. Apparatus for indicating the character of electrical effluvia	818,534	Apr. 24	3972	853	121	2389
Gerardy, Gabriel, Blackwell, Okla. Ter., assignor of one-half to E. Y. Alkire, Bendena, Kans. Disk-sharpener	821,096	May 22	4250	904	122	1124
Gerardy, Gabriel, assignor of one-half to E. Y. Alkire, Bendena, Kans. Apparatus for holding and rotating disks to be sharpened	837,215	Nov. 27	4634	985	125	1276
Gerber, Alphonse, Paterson, N. J. Rubbing, breaking, and polishing machine for silk or silk-mixed goods	818,434	Apr. 24	3763	809	121	2346
Gerber, Carl L. F., Röbel, Germany. Fence of concrete or the like	829,397	Aug. 28	3460	728	123	2642
Gerber, James J., Minneapolis, Minn. Flexible spout	836,027	Nov. 13	2201	472	125	591
Gerdaun, Berthold, Düsseldorf, Germany. Hydraulic fly-press	819,988	May 8	1949	430	122	495
Gerdes, Heinrich, Berlin, Germany, assignor to American Suction Gas Producer Company, Lansing, Mich. Gas-producer	824,353	June 26	4191	896	122	2803
Gerdes, Heinrich, Berlin, Germany, assignor to American Suction Gas Producer Company, Lansing, Mich. Producing gas	827,862	Aug. 7	340	72	123	1755
Gerdes, Heinrich, Berlin, Germany, assignor to Safety Car Heating and Lighting Co., New York, N. Y. Steam-heating apparatus for vehicles	836,317	Nov. 20	2820	598-9	125	799
Gerding, Herbert. (See Schultz and Gerding.)						
Gerdorn, Gregory, Watervliet, N. Y., assignor to Ordnance Improvement Company. Firing mechanism for breech-loading guns	809,107	Jan. 2	974	201	120	215

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Gerds, Charles L., Chicago, Ill. Punch for metal.	839,577	Dec. 25	4558	972	125	2610
Gerhard, Ferdinand, assignor to A. Schopf, Völklingen-on-the-Saar, Prussia, Germany. Reel for strap-iron, &c.	824,292	June 26	4076	872	122	2779
Gerhard, William, Milwaukee, Wis. Mitten or glove	826,238	July 17	3143	653	123	827
Gerhardt, August H. L., Bettenhausen, near Cassel, Germany Apparatus for continuously distilling benzol and the like	810,637	Jan. 23	4155	858	120	1028
Gerhart, Paul C., St. Louis, Mo. Wagon-body	819,057	May 1	45	10	122	13
Gerichten, Ludwig von, Columbus, Ohio. Corner-post, transom-bar, or mullion	837,437	Dec. 4	319	76	125	1435
Gerichten, Theodore von. (See Rehm and Gerichten.)						
Gerike, Hugo, Klein Schönebeck, assignor to G. Heyden, Schöneiche, near Berlin, Germany. Device for protecting the seals of the bungs or other closures of casks	817,910	Apr. 17	2721	590	121	2067
Gerike, Hugo, Klein Schönebeck, assignor to G. Heyden, Schöneiche, near Berlin, Germany. Bung and seal closure for casks.	817,970	Apr. 17	2842	615	121	2095
Geritz, Claus P., Kingsland, N. J. Damper-regulator	825,820	July 10	2347	490	123	618
Gerke, Jacob. (See Dunn, Edward L., assignor.)						
Gerlach, Arthur C., et al. (See Minturn, John, assignor.)						
Gerlach, George L., Harrison, Nebr. Dinner-pail	821,795	May 29	5650	1204	122	1491
Gerlach, George W., Louisville, Ky. Filtering-plate	818,679	Apr. 24	4265	916	121	2453
Gerlach, Gustav B., assignor of one-half to Ketling & Braun, Crimmitschau, Saxony, Germany. Machine for steaming cloth	810,271	Jan. 16	3372	698	120	819
Gerlach, Oscar, Iola, Kans. Rotary kiln	821,355	May 22	4764	1013	122	1240
Gerlach, Thomas A., Harvey, assignor to Buda Foundry & Manufacturing Company, Chicago, Ill. Switch-throwing device	834,379	Oct. 30	5000	1058	124	2612
German, Walter H., Manly, near Sydney, New South Wales, Australia. Automatic discharging elevator-conveyor for store and office service	839,467	Dec. 25	4338	927-8	125	2556
Germann, Emil. (See Buckingham and Germann.)						
Germanson, Julius M., Milwaukee, Wis. Chair-hub pattern	837,297	Dec. 4	46	14	125	4365
Germantown Real Estate, Deposit and Trust Company, trustee. (See Schimmel, Hermann, assignor.)						
Gerner, Daniel, Chicago, Ill. Sign-printer and stencil-cutter	815,808	Mar. 20	3701	780	121	912
Gerner, Henry J., Vandergrift, Pa. Basket	820,107	May 8	2223	482	122	559
Gerner, Henry J., Vandergrift, Pa. Ice-cream freezer	824,075	June 19	3665	780	122	2632
Gerow, Daniel S., et al. (See Chadborn, Frederic C., assignor.)						
Gerow, Fred G., Minneapolis, Minn. Perpetual desk-reminder	826,656	July 24	4035	836	123	1072
Gerow, James W., et al. (See Birmingham, John P., assignor.)						
Gerrard, Clarence L., Columbus, Nebr. Gas-generator	836,495	Nov. 20	3165	671	125	880
Gerrard, Clarence L., assignor of one-half to F. D. Naylor, Columbus, Nebr. Machine for refining flour	832,372	Oct. 2	707	136-7	124	1383
Gerson, Charles M., Haverhill, Mass. Bag-holder	836,966	Nov. 27	4144	884	125	1156
Gerstenberger, Frederick E., South Euclid, Ohio. Calk-joint runner	837,052	Nov. 27	4338	920	125	1202
Gerstendorfer Bros. (See Eckart, Edmund, assignor.)						
Gerstner, August, New York, N. Y. Solution for use in electrotyping	838,977	Dec. 18	3321		125	2259
Gertz, Richard W., Boston, Mass. Automatic sprinkler	825,453	July 10	1567	324	123	428
Gerwig, Frederick H. N., Duquesne, Pa. Tool for cutting holes in metal shells	831,152	Sept. 18	2532	534	124	691
Gerzábek, Karl. (See Haas, Gerzábek, and Lampel.)						
Gesellschaft für Abwässerklärung, mit beschränkter Haftung. (See Kremer, Christoph, assignor.)						
Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rendahl, Ragnar H., assignor.)						
Gesellschaft für Drahtlose Telegraphie M. B. H. (See Schloemilch, Wilhelm, assignor.)						
Gesellschaft für Industrielle Feuerungsanlagen m. b. H. (See Lutzner, Maximilian A., assignor.)						
Gesner, George W., deceased; H. C. Gesner, New York, N. Y., executrix. Filter	815,417	Mar. 20	2919		121	744
Gesner, George W., deceased; H. C. Gesner, New York, N. Y., executrix. Insulator for electric apparatus	815,418	Mar. 20	2920		121	744
Gesner, George W., deceased; H. C. Gesner, New York, N. Y., executrix. Production of articles of alloy of iron and hydrogen agglomerated in strong coherent bodies	815,419	Mar. 20	2920	606	121	744
Gesner, Harleston C. (See Bontempi, Augusto, assignor.)						
Gesner, Harleston C., executrix. (See Gesner, George W.)						
Gessert, Jacob, Buffalo, N. Y. Bit-brace	812,198	Feb. 13	1388	301-2	120	1842
Gessner, David, Worcester, Mass. Cloth-pressing machine	810,638	Jan. 23	4158	859	120	1029
Gessner, Lillian von. (See Bontempi, Augusto, assignor.)						
Gest, Guy M., Cincinnati, Ohio. Watchman's outfit for temporary routes	824,478	June 26	4467	947	122	2862
Gestetner, David, London, England. Stencil-printing machine	835,303	Nov. 6	852	179-81	125	215
Gestetner, Jacob, London, England. Stencil-printing machine and stencil-sheet to be used therewith	833,713	Oct. 16	3438	733	124	2133
Getty, Fred I., Jennings, La. Strainer for oil and water wells. (Reissue)	12,537	Oct. 9	2252	474	124	1800
Gex, Michael. (See Chovan and Gex.)						
Geyer, Georg, Berlin, Germany. Water-motor for utilizing the ebb and flow of the tide	821,480	May 22	5020	1068	122	1295
Geyerman, Peter T., Brewster, Minn. Telephone-call	811,052	Jan. 30	4962	1036	120	1239
Geyler, Philip J., Hillsboro, Ohio. Rocker attachment	816,088	Mar. 27	4283	908	121	1092
Gharky, William D., Philadelphia, Pa. Telephone transmitter-arm	812,125	Feb. 6	1178	258	120	1729
Gheen, Frederick J., and A. Maucher, Philadelphia, Pa. Non-refillable bottle	820,966	May 22	3982	845	122	1067
Ghegan, John J., Newark, N. J. Telegraph-key	815,809	Mar. 20	3703	780	121	912
Ghent, Sandfield A. (See Albrecht and Ghent.)						
Christ, David J., assignor of one-half to S. I. Ghrist, Hites, Pa. Glass-furnace	828,283	Aug. 7	1188	247-8	123	1963
Christ, Samuel I. (See Ghrist, David J., assignor.)						
Gianera, Peter A., Gualala, Cal. Saw-set	811,392	Jan. 30	5628	1178	120	1382
Gianoli, Giuseppe, Milan, Italy. Charging silk	819,751	May 8	1419		122	377
Gibb, Robert H., London, England, and J. D. W. Elliott, Wanganui, New Zealand. Nailless horseshoe	817,638	Apr. 10	2154	457	121	1885
Gibboney, Samuel J., and J. W. Ryan, Mount Pleasant, Pa. Multiscope	839,379	Dec. 25	4156	890	125	2512
Gibboney, William K., Buffalo, N. Y. Insulating-support for electrical conductors	827,361	July 31	5453	1134	123	1440
Gibboney, William K., Buffalo, N. Y., assignor to Pittsburgh Reduction Company, New Kensington, Pa. Current-regulator	821,936	May 29	5914	1258	122	1548
Gibbons, Robert P., Kopa, New Zealand. Compound steam-engine	812,199	Feb. 13	1391	302	120	1842
Gibbs, Arthur E., assignor to National Electrolytic Company, Niagara Falls, N. Y. Producing salts of oxyacids of chlorine	827,721	Aug. 7	47		123	1681
Gibbs, Charles H. (See Gibbs, Harry A., assignor.)						
Gibbs, David, Livonia, N. Y. Crate	810,272	Jan. 16	3372	698	120	819
Gibbs, Frank J., Tyrone, Pa. Trolley	815,283	Mar. 13	2567	540	121	618
Gibbs, George, New York, N. Y. Passenger-car frame	819,215	May 1	361	77-8	122	87
Gibbs, Harry A., Princeton, Ill. Machine for forming eaves-trough hangers	827,229	July 31	5201	1080-1	123	1380
Gibbs, Harry A., assignor of one-half to C. H. Gibbs, Princeton, Ill. Clinker-catcher	824,642	June 26	4787	1020	122	2931
Gibbs, John W., Charleston, Ill. Twine-cutter	826,026	July 17	2740	567	123	733
Gibbs, John W., Malvern, Ark. Handle attachment	831,507	Sept. 18	3205	677	124	862
Gibbs, Louis K., Detroit, Mich. Folding table	827,722	Aug. 7	48	10	123	1682

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prig.	Vol.	Page.
Gibbs, Lucius T., Hempstead, N. Y. Magnetic clutch.	828,647	Aug. 14	1917	402	123	2176
Gibbs, Lucius T., Hempstead, N. Y. Reversible driving-gear.	828,648	Aug. 14	1919	403	123	2177
Gibbs, Lucius T., New York, N. Y. Driving and braking apparatus.	831,550	Sept. 25	3318	696	124	926
Gibford, Edward B., assignor to American Safety Razor Co., Adrian, Mich. Stropping-machine.	818,680	Apr. 24	4266	916	121	2454
Gibford, Edward B., Adrian, Mich., assignor to H. Clauss, Fremont, Ohio. Stropping-machine.	821,712	May 29	5488	1169	122	1453
Gibler, John C., assignor of one-half to S. C. Surry, Hurdland, Mo. Nut-lock.	838,020	Dec. 11	1468	317	125	1762
Gibson, Theodor, Clarksville, Tenn. Automatic system for balancing and controlling torpedoes.	825,881	July 10	2458	513	123	645
Gibson, Albert F., Milwaukee, Wis. Non-refillable bottle.	814,284	Mar. 6	549	115	121	118
Gibson, Allen T., Hodges, Tex. Spirit-level.	824,109	June 26	3719	794	122	2703
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Rock-drill.	810,639	Jan. 23	4159	859	120	1029
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Rock-drill.	818,681	Apr. 24	4267	917	121	2454
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Coal-cutting machine.	818,619	Apr. 24	4152	893	121	2428
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Electropneumatic channeler.	819,011	Apr. 24	4917	1055-6	121	2595
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Rock-drill.	822,596	June 5	740	149	122	1890
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Channeling-machine.	822,597	June 5	741	149-50	122	1891
Gibson, Charles, Coraopolis, Pa. Rail-joint.	833,039	Oct. 9	2039	429	124	1742
Gibson, Charles D. P., Jersey City, N. J., assignor of two-thirds to C. G. and W. Malliet, New York, N. Y. Diamond-fastener for tools.	818,682	Apr. 24	4269	917	121	2454
Gibson, Elsie E., San Francisco, Cal. Combined hook and box.	823,213	June 12	2003	417	122	2213
Gibson, James, Westboro, Mass. Press for punching tubing.	814,200	Mar. 6	384	78	121	84
Gibson, James, Westboro, Mass. Combined husk and tube for manufacture of metal bedsteads.	838,178	Dec. 11	1822	390	125	1854
Gibson, Joe A., Buffalo, N. Y. Block-mold.	834,052	Oct. 23	4305	914-15	124	2391
Gibson, John W., assignor of one-half to W. H. Lowe, Mystic, Iowa. Watch barrel-arbor.	816,723	Apr. 3	342	79	121	1436
Gibson, Lee W., (See McDonell, Alexander D., assignor.)						
Gibson, Levi D., Strawn, assignor of one-half to H. F. Scheer, Dallas, Tex. Car-door opener.	827,526	July 31	5884	1218	123	1544
Gibson, Robert F., et al. (See Gibson, Rowan, assignor.)						
Gibson, Rowan, assignor of four-fifths to J. O. Sparkes, R. L. Byrd, R. F. Gibson, and E. R. Cash, Gaffney, S. C. Permutation-padlock.	830,500	Sept. 11	1217	255	124	329
Gibson, Summers, Edray, W. Va. Load-binder.	830,220	Sept. 4	652	131	124	165
Gibson, William A., Muscatine, Iowa, assignor to American Gibson Heater Company. Feed-water heater and purifier.	832,373	Oct. 2	709	137	124	1383
Gibson, William D., (See Thompson, Hamlin T., assignor.)						
Gibson, William W., St. Petersburg, Russia. Cartridge-belt.	837,824	Dec. 4	1075	240	125	1620
Giddings, F. R., (See Rackerby, Joseph H., assignor.)						
Giddings, Frank D., Fort Collins, Colo. Water head-gate.	811,212	Jan. 30	5292	1107	120	1369
Gideon, Francis M., Ballston, Va. Turpentine-still.	832,311	Oct. 2	596	112	124	1356
Gierding, Charles E., Newark, N. J. Fare-register.	833,041	Oct. 9	2046	430-1	124	1744
Gierding, Charles E., Newark, N. J. Fare-register.	834,118	Oct. 23	4452	947	124	2426
Gierding, Charles E., Newark, N. J. Fare-register.	834,119	Oct. 23	4458	948	124	2428
Gierding, Charles E., Newark, N. J. Fare-register bell mechanism.	834,120	Oct. 23	4469	948-9	124	2434
Gierding, Charles E., assignor to Sterling-Meaker Company, Newark, N. J. Fare-register.	833,040	Oct. 9	2041	429-30	124	1743
Gierhart, Ralph E., and C. O. Hansen, Argyle, Wis. Device for regulating the speed of any and all machines.	835,607	Nov. 13	1459	312	125	412
Giersdorf, William L., Council Bluffs, Iowa. Door-closer.	824,538	June 26	4582	974	122	2887
Gierth, William, and G. Latimer, Jr., Newark, N. J. Electric sign.	823,774	June 19	3106	657	122	2511
Gies, Ernst A., (See Lutter and Gies.)						
Giese, James A., Chicago, Ill., assignor to Adams & Westlake Company. Lock.	829,398	Aug. 28	3462	728	123	2642
Giesey, Francis M., (See Waddell, Giesey, and Glass.)						
Giesey, W. H., (See Dotts, Hiram S., assignor.)						
Giesler, Arthur, Dayton, Ohio. Turbine-water-wheel construction.	814,002	Feb. 27	4950	1095	120	2705
Giesler, Franklin B., Milwaukee, Wis. Pneumatic maling-drum.	827,690	July 31	6234	1294-5	123	1638
Giesel, Henry, Wapakoneta, Ohio. Staple-receiving clip for concrete posts.	817,762	Apr. 17	2392	513	121	1994
Giffard, Hardinge G., London, England. Internal-combustion engine.	820,712	May 15	3402	727	122	877
Giffen, J. W., (See Shade, Theodore, assignor.)						
Giffin, John E., Juniata, Pa. Adjustable gage.	814,530	Mar. 6	1065	219-20	121	231
Giffin, Oscar F., San Francisco, Cal. Handsaw-guide.	836,110	Nov. 20	2380	503	125	688
Gifford, Albert M., Mancelona, Mich. Screen.	819,876	May 8	1675	359	122	438
Gifford, Dexter N., and J. Hall, Brooklyn, N. Y. Apparatus for aerating, purifying, and cooling milk.	811,053	Jan. 30	4965	1036	120	1239
Gifford, James N., and C. H. Morton, Jr., Fairhaven, assignors, by mesne assignments, to Gifford and Morton Corporation, New Bedford, Mass. Wire-tack machine.	829,918	Aug. 28	4578	963-6	123	2918
Gifford and Morton Corporation, (See Gifford and Morton, assignors.)						
Gifford, Philip, North Dartmouth, Mass. Card game.	832,576	Oct. 2	1104	222	124	1479
Gifford, Squire D., assignor of one-half to J. P. Shafer, Terra Alta, W. Va. Eye mechanism for dolls.	817,055	Apr. 3	1007	206	121	1582
Gifford, William, assignor of one-half to E. M. Dixon, Thompsonville, Mich. Lightning-arrester.	812,126	Feb. 6	1179	258	120	1729
Gihon, George H., San Francisco, Cal. Printing apparatus.	810,743	Jan. 23	4332	900-2	120	1063
Gilbert & Barker Manufacturing Company, (See Barker, John F., assignor.)						
Gilbert, Carl E., Foley, Minn. Paper-rack.	819,989	May 8	1950	430	122	495
Gilbert, Charles R., Los Angeles, Cal. Salt-shaker.	817,844	Apr. 17	2575	554	121	2034
Gilbert, Earl J., Sterling, Ill. Wire-fence-gate fastener.	829,007	Aug. 21	2627	554	123	2385
Gilbert, Edmund D., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Vulcanizer.	825,901	July 17	2497	519-20	123	666
Gilbert, Edward F., assignor of one-half to W. G. Sisson, Lyons, N. Y. Apparatus for placing caskets into inclosing boxes.	825,046	July 3	720	151	123	193
Gilbert, Eugene G., (See Mullin, John R., assignor.)						
Gilbert, Frank B., Minneapolis, Minn. Telephone memorandum attachment.	812,841	Feb. 20	2645	579	120	2150
Gilbert, Frank N., Binghamton, N. Y. Dust-guard for books.	833,318	Oct. 16	2633	553	124	1943
Gilbert, Fredrick H., Los Angeles, Cal. Traction-vehicle.	836,875	Nov. 27	3943	842	125	1110
Gilbert, George H., Germantown, Pa. Seamless hosiery.	822,890	June 5	1307	269	122	2011
Gilbert, George H., Germantown, Pa., assignor to Kilbourn Knitting Machine Company, New Brunswick, N. J. Seamless hosiery.	822,044	May 29	6121	1304	122	1596
Gilbert, George H., Germantown, Pa., assignor to Kilbourn Knitting Machine Company, New Brunswick, N. J. Seamless hosiery.	822,663	June 5	865	177	122	1919

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Gilbert, George T. (See Ayer and Gilbert.)						
Gilbert, George T., Northampton, assignor of one-third to W. D. Hamilton, Springfield, Mass. Automatic prick-punch.	813,641	Feb. 27	4242	932	120	2558
Gilbert, Henry J., Saginaw, Mich. Pulley.	833,596	Oct. 16	3212	683	124	2082
Gilbert, Henry K., Niagara Falls, N. Y., assignor of one-third to F. J. Robinson, Hyattsville, Md. Bottle-stopper.	815,954	Mar. 27	3995	846	121	1026
Gilbert, Henry K., Chicago, Ill., assignor to American Brake Shoe & Foundry Company. Brake-shoe and making same.	838,316	Dec. 11	2088	452	125	1916
Gilbert, Henry K., Chicago, Ill., assignor to American Brake Shoe & Foundry Company. Brake-shoe.	838,317	Dec. 11	2089	452	125	1916
Gilbert, James M., Dallas, Tex. Gate.	829,466	Aug. 28	3636	764	123	2687
Gilbert, James R., La Grange, Ill. Weeding-tool.	838,100	Dec. 11	1650	356	123	1810
Gilbert, James W., Birmingham, Ala. Nut-lock.	824,177	June 26	3851	822	122	2731
Gilbert, John W., et al. (See Cool, Isaac W., assignor.)						
Gilbert, Nelson, Alexandria, Canada. Boat.	826,421	July 17	3484	725	123	911
Gilbert, Pearl, Newport, R. I. Soldering-iron.	813,374	Feb. 20	3703	814	120	2379
Gilbert, Sidney C., Jackson, Ohio. Vending device.	816,975	Apr. 3	862	173	121	1549
Gilbert, Walter V., London, England. Compound spring-lever.	833,042	Oct. 9	2052	431-2	124	1746
Gilbert, Walter V., London, England. Toy.	837,216	Nov. 27	4635	985-6	125	1276
Gilbert, Walter V., London, England. Figure toy.	837,217	Nov. 27	4640	986	125	1278
Gilbert, Wilbur F., assignor to P. & F. Corbin, New Britain, Conn. Window-fastener.	826,930	July 24	4560	949	123	1204
Gilbert, William F., Derby, assignor of one-half to H. C. Cook Co., Ansonia, Conn. Pocket finger-nail cleaner.	810,744	Jan. 23	4337	902	120	1069
Gilbertson, Gilbert G., St. Ansgar, Iowa. Seeder and planter.	833,597	Oct. 16	3215	683-4	124	2083
Gilbough, Benjamin G., Chicago, Ill. Spur.	810,049	Jan. 16	2918	607	120	726
Gilbreth, Frank B. (See Larkin, William H., Jr., assignor.)						
Gilbreth, Frank B., New York, N. Y. Concrete window construction.	835,241	Nov. 6	737	153	125	186
Gilchrest, Charles C., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Telephone-transmitter.	827,625	July 31	6080	1260	123	1596
Gilchrest, Charles C., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Combination telephone transmitter and receiver.	830,583	Sept. 11	1399	289	124	375
Gilchrist, Henry D., Sewickley, Pa. Basement area, entrance, &c.	833,043	Oct. 9	2055	432	124	1747
Gilchrist, Raymond B., Newark, N. J. Bottle-holder.	823,678	June 19	2927	619	122	2474
Gilchrist, Robert F., Lewisville, Idaho. Beet-rack.	822,360	June 5	264	55-6	122	1783
Gildard, Christopher G. (See Coldwell and Gildard.) (Reissue.)						
Gildard, Christopher G., Swansea, Mass. Low-water alarm for steam-boilers.	811,213	Jan. 30	5293	1107	120	1309
Gildard, Christopher G., Swansea, Mass. Low-water alarm for steam-boilers.	811,214	Jan. 30	5296	1108	120	1309
Giles, D. C. (See La May, Arthur C., assignor.)						
Giles, Edwin A., Chicago, Ill. Delivery-tank for liquids.	829,521	Aug. 28	3749	796	123	2714
Giles, Henry S., et al. (See Nielsen, Rasmus, assignor.)						
Giles, Isaac W., New Bedford, and C. W. Tobey, Fairhaven, Mass. Wheel.	825,821	July 10	2350	490	123	619
Giles, Julian A., New York, N. Y. Connecting-rod.	822,361	June 5	265	56	122	1784
Giles, Leonard G., Aylesbury, England. Leaf-turning apparatus for books, music, &c.	827,970	Aug. 7	555	113	123	1810
Giles, Mary J., Baltimore, Md. Adjustable slide-guide for sewing braid binder to skirts.	827,437	July 31	5644	1169	123	1486
Giles, Parkerson R. (See Holloper, Josiah, assignor.)						
Gillfillan, Essington N., Chicago, Ill. Pencil-sharpener.	832,054	Oct. 2	50	13	124	1225
Gillfillan, Essington N., Chicago, Ill., assignor to W. M. Hayner, Troy, Ohio. Bottle-stopper.	814,778	Mar. 13	1575	332	121	403
Gillfillan, Essington N., assignor to American Cutlery Company, Chicago, Ill. Weighing-scale.	823,679	June 19	2928	619	122	2474
Gilgen, Adolph C., Passaic, assignor to New York Automatic Telephone Company, Paterson, N. J. Telephone-switch-plug mechanism.	812,491	Feb. 13	1954	431	120	1964
Gilges, Dudley H., Baldwin, Kans. Rail-joint.	835,101	Dec. 11	1651	356	125	1810
Gilje, Karl T. K., Stavanger, Norway. Pressing and squeezing appliance.	825,203	July 3	1023	216	123	267
Gill, Charles H., Litchfield, Ill. Semaphore-signal attachment.	809,678	Jan. 9	2169	449	120	509
Gill, Charles H., assignor, by mesne assignments, of one-half to C. H. Rickard, Kalamazoo, Mich. Carriage-top.	810,932	Jan. 30	4742	989	120	1190
Gill, Edwin R., Yonkers, N. Y. Support for incandescent lamps.	811,837	Feb. 6	565	125	120	1605
Gill, James F., and J. J. Meehan, Newark, N. J. Safety attachment for elevator-doors.	836,572	Nov. 20	3313	706	125	915
Gill John. (See Mackenzie and Ross, assignors.)						
Gill, Samuel E. (See Stewart, Francis L., assignor.)						
Gill, William F., et al. (See Warfel, Henry C., assignor.)						
Gilland, Homer E. and W. H. Saginaw, Mich. Rolling window-screen.	813,642	Feb. 27	4244	932	120	2558
Gilland, William H. (See Gilland, Homer E. and W. H.)						
Gillechrist, Edward A., McKeesport, Pa. Cross-tie and means for holding track-rails thereon.	813,205	Feb. 20	3361	739	120	2307
Gillechrist, Edward A., McKeesport, Pa. Rail-joint.	834,292	Oct. 30	4830	1021	124	2569
Gilleland, Edgar B., et al. (See Gilleland, Wilson S., assignor.)						
Gilleland, Wilson S., Newkirk, Okla. Ter., assignor of nine-sixteenths to E. M. Markel, Des Moines, Iowa. Grain-door.	823,943	June 19	3419	730	122	2581
Gilleland, Wilson S., Wichita, Kans., assignor to E. M. Markel, Sr., Des Moines, Iowa, and E. B. Gilleland, St. Louis, Mo. Stock-chute.	820,409	May 15	2808	611-12	122	748
Gillentine, William A., Goldthwaite, Tex. Cultivator.	823,407	June 12	2363	498	122	2290
Gillenwaters, Grant F., East Sacramento, Cal. Poultry-fountain.	811,914	Feb. 6	733	160	120	1640
Giller, Hugo, New York, N. Y. Coin-controlled clock and money-box.	812,200	Feb. 13	1393	302-3	120	1843
Gillespie, Alan K., Pittsburg, Pa. Cheese-cutter.	828,105	Aug. 7	840	173	123	1878
Gillespie, Charles C., Chicago, Ill. Chemical fire-pail.	812,646	Feb. 13	2271	494	120	2026
Gillespie, George C., assignor to E. Davis, New York, N. Y. Folding ruler.	821,356	May 22	4766	1013-14	122	1240
Gillespie, John J., Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Sole-pattern and sole-rounding machine.	830,584	Sept. 11	1400	290	124	375
Gillespie, Robert T., Lisbon, Ohio. Reservoir-pen.	812,647	Feb. 13	2272	495	120	2027
Gillet, Alexis P., Council Bluffs, Iowa. Game apparatus.	827,626	July 31	6083	1261	123	1597
Gillett, Frank W., Edgeworth, Pa. Chain.	832,545	Oct. 2	1046	210	124	1465
Gillett, Vernon J., Detroit, Mich. Mattress-holder for folding beds.	809,049	Jan. 2	843	179	120	186
Gillett, Vernon J., Detroit, Mich. Folding bed.	834,293	Oct. 30	4832	1021-2	124	2569
Gillette, George H., New York, N. Y. Flexible shaft.	839,468	Dec. 25	4342	929	125	2557
Gillette, George H., New York, N. Y. Flexible shaft.	839,469	Dec. 25	4343	929	125	2558
Gillette, George H., New York, N. Y., assignor to Crown Cork and Seal Co., Baltimore, Md. Seal for bottles.	814,531	Mar. 6	1067	220	121	231
Gillette, George H., New York, N. Y., assignor to Crown Cork & Seal Company, Baltimore, Md. Seal for bottles.	814,532	Mar. 6	1072	220	121	232
Gillette, George H., New York, N. Y., assignor to Crown Cork & Seal Company, Baltimore, Md. Seal for bottles.	815,344	Mar. 20	2745	571	121	705
Gillette, George W. (See Thomas and Gillette.)						
Gillette, Herbert B., Grand Rapids, Mich. Vehicle-wheel.	816,576	Apr. 3	39	11	121	1362

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dis.	Vol.	Page.
Gillette, King C., Brookline, assignor to L. W. Southgate, trustee, Worcester, Mass. Labeling-machine.	824,690	June 26	4878	1039	122	2949
Gillette, Mott G. (See Parker, Charles C., assignor.)						
Gillette Safety Razor Company. (See Nickerson, William E., assignor.)						
Gillies, Alexander, Geelong, Victoria, Australia. Mouthpiece for pneumatic teat-cups.	832,374	Oct. 2	712	137	124	1385
Gillies, John S., assignor of one-half to M. A. Clarke, Manila, Philippine Islands. Defibrating-machine.	832,476	Oct. 2	918	179	124	1432
Gilligan, Bernard C. (See Keenan, William, assignor.)						
Gilligan, Bernard C. (See Keenan and Gilligan.)						
Gilliland, Alexander, <i>et al.</i> (See Bradley, William H., assignor.)						
Gilliland, David W. H. (See Nichols and Gilliland.)						
Gillinder & Sons. (See Booth, Kraft, assignor.)						
Gillmor, Horatio G., Bath, Me. Rail-joint.	835,132	Nov. 6	518	105	125	133
Gillmore, John L. (See Stanley and Gillmore.)						
Gillon, William B., and J. M. Ricketts, Sopris, Colo. Coal-washing jig.	830,989	Sept. 11	2178	460-1	124	577
Gilloon, Thomas. (See Morgans and Gilloon.)						
Gillott, William, Wolcott, Ill. Combined cultivator and harrow.	825,047	July 3	721	151	123	194
Gilman, Francis L., Montclair, N. J., assignor to Western Electric Company, Chicago, Ill. Cap for signal-lamps.	835,608	Nov. 13	1460	312	125	412
Gilman, George H., St. Paul, Minn. Lifting-jack.	810,482	Jan. 23	3845	790	120	961
Gilman, George H., St. Paul, Minn., and J. H. Brown, South Tacoma, Wash. Emergency-knuckle for car-couplings.	818,369	Apr. 17	3624	777	121	2260
Gilman, John A., West Fairlee, Vt. Treating copper and nickel matte.	826,099	July 17	2891	600	123	769
Gilman, John H., assignor to King & Hamilton Company, Ottawa, Ill. Conveyor.	833,319	Oct. 16	2634	553	124	1944
Gilman, John H., and A. J. Bennett, assignors to King & Hamilton Company, Ottawa, Ill. Conveying apparatus.	837,053	Nov. 27	4339	920-1	125	1203
Gilman, Jonathan W. C., Boston, Mass. Copy-book.	819,877	May 8	1676	360	122	439
Gilman, Willard H., Medford, assignor of one-half to C. E. Jennings, Jr., Everett, Mass. Game apparatus.	836,681	Nov. 27	3550	757	125	1007
Gilmer, George O., assignor, by mesne assignments, to American Turpentine and Tar Company, Limited, New Orleans, La. Refining turpentine.	813,088	Feb. 20	3128	685	120	2258
Gilmer, Tazewell, New York, N. Y. Metal bending and straightening apparatus.	826,239	July 17	3144	653	123	828
Gilmer, William A., Broadview, Tenn., assignor of one-half to J. A. Smiser. Fireworks.	818,950	Apr. 24	4798	1031	121	2570
Gilmore, Benjamin V., Red House Shoals, W. Va. Rail-brake.	831,055	Sept. 18	2327	491	124	647
Gilmore, Benjamin V., Red House Shoals, W. Va. Mining-drill.	831,056	Sept. 18	2329	491	124	647
Gilmore, Charles A., McComb, Miss. Steam-expander.	831,785	Sept. 25	3797	795	124	1055
Gilmore, Charles T., Chicago, Ill. Mangle.	835,187	Nov. 6	626	128-9	125	159
Gilmore, Charles T., Chicago, Ill. Mangle.	835,188	Nov. 6	629	129-30	125	160
Gilmore, Edward E., Philadelphia, Pa. Right-angle adjustable crossing for electric railways.	832,185	Oct. 2	339	63	124	1294
Gilmore, Edward E., Philadelphia, Pa. Section-insulator for electric railways.	832,312	Oct. 2	597	113	124	1357
Gilmore, Ira E., Chicago, Ill. Holder for pillow-slips.	827,008	July 24	4699	979	123	1237
Gilmore, John L. (See Van Hatten and Gilmore.)						
Gilmore, Louis C., San Pedro, Cal. Acetylene-gas generator.	816,976	Apr. 3	864	179	121	1550
Gilmore, Lyman, Jr., Colfax, Cal. Steam-motor.	819,752	May 8	1419	305	122	377
Gilmore, Lyman, Jr., Colfax, Cal. Steam-motor.	825,385	July 10	1400	293	123	382
Gilmore, William, Meridian, Miss. Universal excavating and grading machine.	823,855	June 19	3254	689-90	122	2545
Gilmour Door Company. (See Diver, Alfred H., assignor.)						
Gilpin, Charles D., assignor to Electric Controller & Supply Company, Cleveland, Ohio. System of control for electric motors.	813,879	Feb. 27	4710	1042-3	120	2658
Gilreath, James G., assignor of one-half to A. L. Combs, Wilkesboro, N. C. Steam-engine.	839,236	Dec. 25	3981	854-5	125	2469
Gilroy, Frank J., Buffalo, N. Y. Heating fluids mechanically.	823,856	June 19	3257	690	122	2546
Gilsey, Israel, Cincinnati, Ohio. Display-stick.	833,320	Oct. 16	2635	553	124	1944
Gilson, John, Port Washington, Wis. Chair.	824,714	July 3	35	6	123	13
Gilson, John, Jr., assignor to Gilson Manufacturing Company, Port Washington, Wis. Revolving chair.	825,822	July 10	2351	490	123	619
Gilson, John E., assignor to Gilson Manufacturing Company, Port Washington, Wis. Chair-iron.	821,034	May 22	4126	877	122	1097
Gilson Manufacturing Company. (See Gilson, John, Jr., assignor.)						
Gilson Manufacturing Company. (See Gilson, John E., assignor.)						
Ginger, Lewis, Colorado Springs, Colo. Railway.	813,416	Feb. 27	3795	833	120	2457
Ginger, Lewis, Colorado Springs, Colo. Railway.	821,796	May 29	5651	1204	122	1491
Gingras, Edward F., Buffalo, N. Y. Buckle-clip.	835,752	Nov. 13	1711	364	125	475
Gingras, Ernest P. (See Seguin and Gingras.)						
Ginn, Robert J. (See Hall, John R., assignor.)						
Giorgi, Giorgio, Florence, Italy. Electric gas-lighter.	835,946	Nov. 13	2073	443	125	561
Giovana, Giovanni, New York, N. Y. Detachable heel for shoes.	835,515	Nov. 13	1274	273	125	366
Gipe, Emanuel C., Chicago, Ill. Extensible chain.	811,054	Jan. 30	4966	1037	120	1240
Gipple, Roy E., Buffalo, N. Y. Lifting device.	832,251	Oct. 2	481	89-90	124	1329
Gipson, William A. (See Meier and Gipson.)						
Girard Iron Works. (See Rominger, George S., assignor.)						
Girard, John, Thomaston, Conn. Device for wringing hot towels.	822,733	June 5	1013	207	122	1951
Girard, William L. (See Brosius, William B., assignor.)						
Girardot, Claude, Vitry-le-François, assignor to Société J. et A. Pavin de Lafarge, Viviers, France. Machine for manufacturing pipes or conduits from cement, &c.	818,158	Apr. 17	3209	690	121	2173
Girardot, Léonce. (See Charron and Girardot.)						
Girardot, Léonce, Puteaux, France. Mounting and automatically adjusting the lamps of motor road-vehicles.	812,201	Feb. 13	1395	303	120	1843
Giraud, Emile, Paris, France. Overhead line.	812,561	Feb. 13	2114	463	120	1997
Giraud, Emile, Paris, France. Insulator for high-tension lines.	820,924	May 15	3873	825	122	981
Giraud, Emile, Paris, France. Insulator of overhead electric conductors.	825,204	July 3	1024	217	123	267
Giraud, Emile, Paris, France. Safety device for overhead electric conductors.	826,845	July 24	4393	914	123	1163
Giroud, Peter G., New York, N. Y. Clock.	839,578	Dec. 25	4560	972	125	2610
Giroud, Peter G., assignor to American Electrical Novelty and Manufacturing Company, New York, N. Y. Electric clock.	835,516	Nov. 13	1275	273-4	125	366
Gist, Albert S., and J. A. McCauley, Eldridge, Ark. Gate.	832,313	Oct. 2	598	113	124	1357
Gitterman, Alfred N., New York, N. Y. Corn-holder.	814,688	Mar. 13	1403	292	121	366
Giussani, Giovanni, London, England. Shedding motion for looms.	817,763	Apr. 17	2393	513-14	121	1994
Giussani, Giovanni, assignor to Duke, Waring, Crisp & Co., London, England. Shuttle-motion for looms.	829,376	Aug. 21	3422	720	123	2585
Given, James B., Chicago, Ill. Toy building-block.	814,367	Mar. 6	747	150	121	165
Gives, John, Gait, Ontario, Canada. Bucksaw-frame.	831,662	Sept. 25	2574	750	124	997
Giackin, Edward J., Chicago, Ill. Sash-lock for windows.	821,097	May 22	4251	905	122	1124
Glaeder, William, assignor, by mesne assignments, to Cellulose Package Manufacturing Company, Chicago, Ill. Apparatus for making cellulose vessels.	828,472	Aug. 14	1574	332-3	123	2088

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr.-g.	Vol.	Page.
Gladish, Edwin B., Higginsville, Mo. Bee-smoker	834,121	Oct. 23	4471	949	124	2434
Gladish, Theodore, Petersburg, Ind. Corn harvester and husker	812,736	Feb. 13	2436	534-5	120	2060
Gladney, Richard A., Marion, Ark. Ribbon-holder	817,554	Apr. 10	2009	423	121	1855
Glancey, Joseph A., Seaton, Ill. Revolving derrick	817,481	Apr. 10	1865	392-3	121	1825
Glans, John A. S., Minneapolis, Minn. Plane	831,153	Sept. 18	2534	534	124	692
Glanzberg, Ernst H., assignor to F. Müller, München-Gladbach, Germany. Apparatus for lubricating the barrel-wheel bearings of barrel gig-mills	821,234	May 22	4503	959	122	1181
Glanzberg, Julius, Philadelphia, Pa. Meat-broiler	837,619	Dec. 4	683	157	125	1524
Glascock, Alfred E., assignor to G. G. Schroeder, Washington, D. C. Clip	828,205	Aug. 7	1009	210	123	1918
Glasel, Charles J., Boston, Mass. Leather-treating machine	839,470	Dec. 25	4344	930	125	2558
Glaser, Ludwig, Berlin, Germany. Ballast device for Nernst lamps	820,489	May 15	2975	642	122	783
Glasford, Arthur S., Glasford, Ill. Railway-tie	833,739	Oct. 23	3485	743	124	2192
Glasrud, Christian G., Sheyenne, N. D. Mechanical movement	822,941	June 12	1411	295	122	2082
Glass, Anthony, Cleveland, Ohio. Circuit-closer for locks	830,780	Sept. 11	1809	375	124	485
Glass, James H. (See Harris, William J., assignor.)						
Glass, John W., <i>et al.</i> (See Crites and Wine, assignors.)						
Glass, Perley R., Quincy, assignor to Peerless Machinery Company, Boston, Mass. Machine for inserting lacing-studs	811,838	Feb. 6	567	125	120	1605
Glass, Perley R., Quincy, assignor to Peerless Machinery Company, Boston, Mass. Machine for setting lacing hooks or studs	811,839	Feb. 6	571	125-6	120	1606
Glass, Perley R., Quincy, assignor to Peerless Machinery Company, Boston, Mass. Hook-setting machine	811,840	Feb. 6	580	127	120	1608
Glass, Perley R., Quincy, assignor to Peerless Machinery Company, Boston, Mass. Hook-setting machine	811,841	Feb. 6	582	127	120	1608
Glass, Perley R., Quincy, assignor to Peerless Machinery Company, Boston, Mass. Stock-feeding mechanism for machines for setting lacing-studs, eyelets, rivets, &c.	832,606	Oct. 9	1185	237	124	1540
Glass, Robert E. (See Waddell, Giesey, and Glass.)						
Glassbrooke, Myron D., Angola, Ind. Horseshoe	827,797	Aug. 7	222	44	123	1726
Glasscoe, Thomas H., Wanstead, England. Carbureter	828,284	Aug. 7	1190	248-9	123	1963
Glatfelter, Emerson C., New Philadelphia, Ohio. Machine for forming concrete blocks	812,336	Feb. 13	1664	366	120	1904
Glatz, Joseph, Brooklyn, N. Y. Manufacture of candle materials	819,646	May 1	1200		122	269
Glauser, John J., assignor to Edward E. Rieck Company, Pittsburg, Pa. Ice-cream machine	813,375	Feb. 20	3705	814	120	2379
Gleason, Charles A. (See Rohde, Harry B., assignor.)						
Gleason, G. E. (See Price, Claude, assignor.)						
Gleason, John L., Boston, Mass. Universal molding-box	811,772	Feb. 6	443	96	120	1583
Gleason, John L., Boston, Mass. Junction-box for electric wires in buildings	814,907	Mar. 13	1801	377	121	451
Gleason, John L., Boston, Mass. Protector for insulators	820,641	May 15	3253	700	122	845
Gleason, John L., Jamaica Plain, Mass. Box for electric moldings	814,906	Mar. 13	1799	377	121	450
Gleason, Lewis, Franklin, Pa. Lubricator	815,088	Mar. 13	2174	458	121	529
Gleason, Lewis, Franklin, Pa. Lubricator	825,048	July 3	723	152	123	194
Gleason, William. (See Singleton and Gleason.)						
Gleckner, William W., Canton, Pa. Check-loop	824,005	June 19	3547	757	122	2607
Gledhill, Benjamin H., Philadelphia, Pa. Tapestry-yarn printing	817,313	Apr. 10	1519	319	121	1751
Gledhill, John J., St. Louis, Mo. Vehicle for handling brick	826,779	July 24	4266	887	123	1133
Gledhill Wall Paper Co. (See Knight, Albert C., assignor.)						
Glenn, Allen, assignor of one-half to S. G. Kiouss, Scranton, Iowa. Tile-molding machine	809,940	Jan. 16	2661	549-50	120	670
Glenn, Coulter E. (See Glenn, Harvey S. and C. E.)						
Glenn, George G., Gastonia, N. C. Machine for reshaping bottle-caps	826,327	July 17	3319	685	123	872
Glenn, Harvey S. and C. E., New Kensington, Pa. Friction-clutch	823,467	June 12	2476	523	122	2314
Glenn, James L., Jr., Clarksville, Tenn. Corn-sheller	832,854	Oct. 9	1697	349-50	124	1662
Glenn, Joseph E., Doty, Wash. Nut-lock	815,524	Mar. 20	3102	648	121	783
Glenn, Ralph W., Fruitvale, Cal. Kettle	838,397	Dec. 11	2251	486	125	1956
Glenn, William, Mount Vernon, Iowa. Voting-machine	828,816	Aug. 14	2239	477	123	2258
Glennon, Edward. (See Butler and Glennon.)						
Glennon, Michael F., Medina, N. Y. Adjustable chair-back	824,006	June 19	3548	757	122	2607
Glerum, Ingebrigt J., Devils Lake, N. D. Hat	834,900	Nov. 6	47	9	125	14
Glessner, Charles E., Ouray, assignor of one-half to C. Anderson, Telluride, Colo. Hoist	834,901	Nov. 6	48	10-11	125	15
Gley, Richard, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Orange-yellow sulfur dye and making same	813,643	Feb. 27	4245		120	2558
Glick, Monroe J., assignor to J. and T. Rardin, Westfield, Ill. Insulator	831,338	Sept. 18	2903	614	124	785
Glidden, Charles E., Sisson, Cal. Machine for manufacturing lumber	832,546	Oct. 2	1048	210	124	1466
Glidden, Frederick A., Cleveland, Ohio. Voucher for shipping vessels	810,483	Jan. 23	3847	790	120	961
Glinckie, Franz. (See Tresenreuter, Gustav, assignor.)						
Globe Automatic Sprinkler Company. (See Garrett, Charles B., assignor.)						
Globe Automatic Telephone Company <i>et al.</i> (See Norstrom, Nils E., assignor.)						
Globe Exhibiting Company. (See Liebhardt, Julius C., assignor.)						
Globe Optical Company. (See Carter, John, assignor.)						
Globe Optical Company. (See Slade and Bower, assignors.)						
Globe-Wernicke Company. (See Carnahan, Charles M., assignor.)						
Globe-Wernicke Company. (See Keck, Christian, assignor.)						
Glock, Eugene F. (See Thomas, Avila, assignor.)						
Glocker, William H., assignor to H. W. Scott, Philadelphia, Pa. Fishing-reel	822,113	May 29	6249	1331	122	1626
Glockler, Gottlieb, Stuttgart, Germany. Water-conductor	809,941	Jan. 16	2665	550	120	671
Glockler, John E., Pittsburg, Pa. Latch	837,298	Dec. 4	48	14	125	1365
Gloor, Albert, assignor of one-half to W. O. Wayman, Chicago, Ill. Device for applying paste to cores	839,471	Dec. 25	4349	930-1	125	2559
Glover, Benjamin H., Buffalo, N. Y., assignor to Chicago Fuse Wire and Manufacturing Company, Chicago, Ill. Wall or switch box	829,644	Aug. 28	4003	848	123	2777
Glover, Charles, assignor to Corbin Screw Corporation, New Britain, Conn. Bearing	811,630	Feb. 6	198	42	120	1528
Glover, Charles, assignor to Corbin Screw Corporation, New Britain, Conn. Ball-bearing cone	819,753	May 8	1421	306	122	377
Glover, William H., St. Louis, Mo. Wrench	823,166	June 12	1889	389	122	2188
Glowski, Franz, Brooklyn, N. Y. Cooking and roasting stove	820,967	May 22	3983	845	122	1067
Glunt, Samuel P., Union City, Ind. Separating buckhorn and plantain seed from clover and alfalfa seed	813,495	Feb. 27	3959	868	120	2496
Glunt, Samuel P., Union City, Ind. Seed-separator	835,517	Nov. 13	1278	274	125	367
Gluyas, Charles, Johannesburg, Transvaal. Apparatus for treating slimes, &c., for the recovery of the precious metals	812,418	Feb. 13	1823	399-400	120	1937
Gober, Charles H., assignor of one-half to R. Lawrence, Roff, Ind. Ter. Wagon-brake	821,357	May 22	4769	1014	122	1241
Goble, Bert G., Allegheny, Pa. Ball-bearing	817,737	Apr. 10	2340	502	121	1928
Goble, William, Monon, Ind. Pump-operating mechanism	817,639	Apr. 10	2156	457	121	1885
Gocher, John W., Johnstown, Pa. Roller-feed table	830,990	Sept. 11	2180	461	124	577
Godbe, Ernest L., Salt Lake City, Utah. Combined agitating and leaching tank	832,252	Oct. 2	483	90	124	1329
Goddard, Evander C., Peru, Ind. Rotary valve mechanism	823,214	June 12	2004	417	122	2213

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Goddard, Joseph, assignor to Seneca Camera Manufacturing Company, Rochester, N. Y. Bellows-support for cameras.	828,106	Aug. 7	842	173	123	1879
Goddard, Joseph, assignor to Seneca Camera Manufacturing Company, Rochester, N. Y. Camera.	831,426	Sept. 18	3061	649	124	825
Goddard, Joseph, assignor to Seneca Camera Manufacturing Company, Rochester, N. Y. Bellows-support for cameras.	837,218	Nov. 27	4643	987	125	1279
Goddard, Lewis W. (See Straube, Francis M., assignor.)						
Goddard, Walter T., assignor to Locke Insulator Manufacturing Company, Victor, N. Y. Insulator.	829,646	Aug. 28	4009	849	123	2779
Goddu, Louis, Winchester, Mass. Engine or motor.	829,201	Aug. 21	3061	642-3	123	2499
Godfrey, Alfred A., Staines, England. Manufacture of linoleum.	835,518	Nov. 13	1279	274	125	367
Godfrey, Charles H., Omaha, Nebr. Fire-extinguishing system.	825,964	July 17	2616	544	123	700
Godfrey, Jonathan, assignor to Compressed Paper Box Company, Bridgeport, Conn. Appliance for stripping pasteboard boxes from hot forming-dies.	824,293	June 26	4077	872	122	2780
Godley, Ellsworth, Springfield, Ill. Brake-setting device.	826,780	July 24	4268	887	123	1133
Godley, George F., Philadelphia, Pa. Dust-guard.	838,707	Dec. 18	2843	611	125	2146
Godwin, Harold, Hackensack, N. J., and A. Hoffman, New York, N. Y., assignors to American Graphophone Company, Bridgeport, Conn. Tablet for sound-records.	819,058	May 1	46	10	122	14
Godwin, William S., New York, and C. I. Williams, Utica, N. Y. Plastic-molding machine.	829,712	Aug. 28	4146	877-8	123	2810
Goe, David E., Madison, Wis., assignor, by mesne assignments, of three-fifths to Steel Products Company, Chicago, Ill. Safety-razor.	824,691	June 26	4887	1040	122	2951
Goeb, Rudolph W., assignor to United States Fiber Stopper Company, St. Louis, Mo. Measuring-valve mechanism.	809,439	Jan. 9	1693	348	120	405
Goeb, Rudolph W., assignor to United States Fiber Stopper Company, St. Louis, Mo. Machine for forming pulp-fiber disks.	829,645	Aug. 28	4005	848-9	123	2778
Goeb, Rudolph W., assignor to United States Fibre Stopper Company, St. Louis, Mo. Machine for forming stoppers from pulp fiber.	831,278	Sept. 18	2785	587-9	124	755
Goeb, Rudolph W., assignor to Controller Company of America, St. Louis, Mo. Casing for coin-controlled mechanisms and the like.	829,265	Aug. 21	3196	671	123	2531
Goeb, Rudolph W., assignor to Controller Company of America, St. Louis, Mo. Coin-controlled mechanism.	832,314	Oct. 2	600	113	124	1357
Goebel, Louis, Chicago, Ill. Dry-kiln.	835,519	Nov. 13	1280	274	125	367
Goedeke, Fred W., et al. (See Kastner, John, Jr., assignor.)						
Goehns, George W., Philadelphia, Pa. Oilier for gas-engines and the like.	837,680	Dec. 4	810	184	125	1556
Goehring, Charles L., and W. Troche, Akron, Ohio; said Troche assignor to said Goehring. Glass-grinding machine.	825,454	July 10	1568	324-5	123	428
Goehst, John H., assignor to Federal Electric Company, Chicago, Ill. Protecting-bushing for electric-circuit wires.	830,501	Sept. 11	1219	255	124	330
Goehst, John H., assignor to Federal Electric Company, Chicago, Ill. Combined candle base and socket for miniature electric lamps.	830,708	Sept. 11	1673	344	124	451
Goepfert, Martin J. (See Fischer, Jens J. O., assignor.)						
Goeppinger, Rudolph J., Piggott, Ark. Adjusting set-screw.	827,230	July 31	5204	1081	123	1381
Goertz & Co., Aug. (See Eigen, Benno vom, assignor.)						
Goessmann, Charles I., Amherst, Mass., assignor to Vellumoid Paper Co. Twine, cord, &c.	830,221	Sept. 4	653		124	166
Goetz, Charles. (See Campbell, Matthew, assignor.)						
Goetzler, Rudolph, et al. (See Naus, Theodore, assignor.)						
Goff, Albert T., Montooth borough, Pa. Machine for loading coal from the tipples into cars.	820,565	May 15	3136	674-5	122	819
Goff Designer Company. (See Goff, Vina H., assignor.)						
Goff, Frank C., Denver, Colo. Device for circulating steam, &c.	809,253	Jan. 2	1286	262-3	120	283
Goff, Frank C., Denver, Colo. Steam-heating system.	827,231	July 31	5205	1081	123	1381
Goff, Frank C., and H. H. Fielding, Denver, Colo. Valve for heating or other systems where steam is employed.	822,114	May 29	6252	1331	122	1626
Goff, Frederick K., and H. P. Simmons, East Providence, R. I. Tenpin.	820,490	May 15	2976	643	122	784
Goff, Vina H., assignor to Goff Designer Company, Iola, Kans. Adjustable skirt-pattern.	824,784	July 3	194	34-5	123	57
Goff, William D., Joplin, Mo. Power-transmitting means.	837,398	Dec. 4	241	61	125	1416
Gogley, Samuel T., Cumberland, Md. Lifting-jack.	819,539	May 1	993	218	122	224
Gohrband, Bernard, assignor to E. Goldman & Company, Chicago, Ill. Bottle-washer brush.	818,086	Apr. 17	3060	660	121	2140
Goings, Elisha R., Clay City, Ill. Cider-mill.	818,683	Apr. 24	4270	917	121	2454
Gold, Edward E., New York, N. Y. Pressure-regulator.	814,285	Mar. 6	551	115-16	121	119
Gold, Edward E., New York, N. Y. Heater.	815,695	Mar. 20	3447	720	121	860
Gold, Edward E., New York, N. Y. Hose-coupling.	816,312	Mar. 27	4712	1000	121	1183
Gold, Edward E., New York, N. Y. Train-pipe coupling.	837,558	Dec. 4	552	129	125	1493
Goldberg, Samuel M., assignor of forty-nine one-hundredths to E. Heidenheim, New York, N. Y. Buffer.	825,717	July 10	2162	451	123	573
Golden, Charles E. (See Anderson, Edward V., assignor.)						
Golden, Daniel J., Randolph, Mass. Sporting-boot.	832,855	Oct. 9	1700	350	124	1662
Golden, Edward B., Galt, assignor to A. F. Hatch, Toronto, Canada. Combined brush and mop holder.	813,550	Feb. 27	4067	891	120	2520
Golden, George W., Detroit, Mich. Grinder.	809,254	Jan. 2	1290	263	120	284
Golden, John P., Columbus, Ga. Feed-box for cane-mills.	809,440	Jan. 9	1696	348	120	406
Golden, John P., Columbus, Ga. Evaporating-pan.	813,089	Feb. 20	3131	686	120	2258
Golden, Patrick J., Wilkes-Barre, Pa. Blank-book.	826,564	July 24	3852	797	123	1025
Golden, William E., Detroit, Mich. Roller-tooth variable driving-gear.	824,110	June 26	3721	795	122	2703
Goldenberg, Sigmund C., Chicago, Ill. Clothes-line reel.	836,444	Nov. 20	3086	654	125	859
Golder, Lloyd W. (See Berg, John, assignor.)						
Goldfein, August, Cleveland, Ohio. Trap for liquids.	815,420	Mar. 20	2921	606	121	744
Goldie, Alexander S., Uddingston, Scotland. Furnace for steam-boilers, &c.	814,533	Mar. 6	1073	221	121	233
Goldie, William, Wilkinsburg, Pa. Making composite railway-ties.	816,909	Apr. 3	719	148	121	1518
Goldie, William, Wilkinsburg, Pa. Railway composite tie.	816,977	Apr. 3	867	179	121	1550
Goldie, William, Wilkinsburg, Pa. Railway-rail.	835,020	Nov. 6	288	63	125	75
Goldie, William, Wilkinsburg, Pa. Railway-track.	835,021	Nov. 6	291	63	125	76
Goldie, William, Wilkinsburg, Pa. Railway-rail.	835,062	Nov. 6	385	78	125	102
Goldie, William, Wilkinsburg, Pa. Railway-rail.	835,063	Nov. 6	386	78	125	102
Goldie, William, Wilkinsburg, Pa. Railway-track.	835,414	Nov. 6	1091	236	125	275
Goldin, Horace, London, England. Means for producing stage illusions.	838,978	Dec. 18	3322	717-18	125	2259
Goldin, Horace, London, England. Means for producing stage illusions.	838,979	Dec. 18	3323	718	125	2259
Golding, Frank L. (See Ennis, Charles, assignor.)						
Golding, John F., Washington, D. C., assignor to Monolith Steel Company, Incorporated. Metal open-work fabric.	814,689	Mar. 13	1405	292	121	367
Golding, John F., Washington, D. C., assignor to Monolith Steel Company, Incorporated. Tension-bar for use in concrete and the like.	815,157	Mar. 13	2323	486	121	563
Golding, William H., Newton, Mass. Printing-press.	834,612	Oct. 30	5444	1155-6	124	2724
Goldman, Gustav, Baltimore, Md. Fabric containing haircloth.	810,933	Jan. 30	4744	989	120	1190

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Goldman, Gustav, Baltimore, Md. Making fabric containing haircloth.....	810,934	Jan. 30	4746	-----	120	1190
Goldman, Gustav, Baltimore, Md. Making garment-pads.....	810,935	Jan. 30	4747	990	120	1191
Goldman, Gustav, Baltimore, Md. Die-press.....	835,753	Nov. 13	1712	364-6	125	475
Goldman, Gustav, Baltimore, Md. Machine for finishing garment-pads of matted or felted fibers.....	838,615	Dec. 18	2666	573	125	2101
Goldman, Gustav, Baltimore, Md. Machine for finishing the surfaces of matted or felted material.....	838,616	Dec. 18	2670	573	125	2102
Goldman, Isaac S., Los Angeles, Cal. Grinding and triturating machine.....	832,253	Oct. 2	485	91	124	1330
Goldman, Matthew S., Pittsburg, Pa. Garment-support.....	814,440	Mar. 6	896	184	121	195
Goldman, Otto, San Francisco, Cal. Exhaust-muffler.....	830,660	Sept. 11	1569	323	124	422
Goldman, Sigmund L. (See Vogel, Otto, assignor.)						
Goldmann, Carl, assignor of one-half to E. Kehr, New York, N. Y. Box-opener.....	809,050	Jan. 2	845	179	120	187
Goldschmid, J. Eduard. (See Dellwik, Carl, assignor.)						
Goldschmid, Jacob E. (See Dicke, Hugo, assignor.)						
Goldschmid, Jacob E. (See Fleischer, Emil, assignor.)						
Goldschmidt, Firm Th. (See Goldschmidt and Weber, assignors.)						
Goldschmidt, Karl, and J. Weber, Essen-on-the-Ruhr, Germany. Detinning.....	836,028	Nov. 13	2203	-----	125	592
Goldschmidt, Karl, and J. Weber, assignors to Firm of Th. Goldschmidt, Essen-on-the-Ruhr, Germany. Detinning.....	822,115	May 29	6255	1332	122	1627
Goldschmidt, Karl, and J. Weber, assignors to Firm T. Goldschmidt, Essen-on-the-Ruhr, Germany. Detinning.....	831,223	Sept. 18	2657	559	124	721
Goldschmidt, Karl, and J. Weber, assignors to T. Goldschmidt, Essen-on-the-Ruhr, Germany. Detinning tin-scrap, &c.....	836,496	Nov. 20	3167	-----	125	881
Goldschmidt, Th. (See Goldschmidt and Weber, assignors.)						
Goldsmith & Company, C. P. (See Fischer, Robert, assignor.)						
Goldsmith, David, Newark, N. J. Trunk-fixture.....	830,315	Sept. 4	838	172	124	210
Goldsmith, Edwin M., Philadelphia, Pa. Clock.....	822,598	June 5	744	150-1	122	1892
Goldsmith & Harzberg. (See Steinberg, Isaac, assignor.)						
Goldsmith, Marcus T., New York, N. Y. Silversmith's stock.....	837,219	Nov. 27	4645	987	125	1279
Goldsmith, Maurice, New York, N. Y. Bag-handle.....	811,215	Jan. 30	5299	1108	120	1310
Goldstein, Max I. (See Southwick, James J., assignor.)						
Goldstein, Myer, Johannesburg, Transvaal. Acetylene-gas generator.....	828,399	Aug. 14	1421	300	123	2048
Goldstein, Sigmund. (See Olson, Charles J., assignor.)						
Goldsworthy, Emelia M. (See Goldsworthy, John and E. M.)						
Goldsworthy, John and E. M., Indianapolis, Ind. Adjustable artist's desk and easel.....	815,810	Mar. 20	3704	780	121	912
Golightly, Frank E., Azotus, Ill. Foldable shipping-crate.....	830,145	Sept. 4	489	99	124	123
Goller, Charles H., Hicksville, Ohio. Extension-table.....	816,791	Apr. 3	468	105	121	1461
Goller, Charles H., Hicksville, Ohio. Extension-table.....	835,609	Nov. 13	1461	312-13	125	413
Golling, Robert. (See Garrigus and Golling.)						
Gollobin, Harry A., Newark, N. J. Making teeth.....	824,111	June 26	3722	795	122	2703
Golombek, Sigmund, New York, N. Y. Clock-movement.....	813,644	Feb. 27	4246	953-4	120	2558
Goltstein, Ewald, Cologne, Germany. Bottle-sealing mechanism.....	808,833	Jan. 2	411	90-1	120	91
Goltstein, Ewald, Cologne, Germany. Apparatus for closing bottles by means of metal capsules.....	812,648	Feb. 13	2275	495	120	2027
Golwig, Fritz, Vienna, Austria-Hungary. Means for effecting and controlling the storage of water in hydraulic-power systems.....	838,617	Dec. 18	2673	574	125	2103
Goman, Samuel B., Philadelphia, Pa. Window-ventilator.....	830,829	Sept. 11	1894	396	124	508
Gomborow, Joel, Lynn, Mass., assignor to General Electric Company. System of distant electrical control.....	811,773	Feb. 6	446	97	120	1583
Gomila, Salvador de, Malaga, Spain. Adding and multiplying machine.....	833,960	Oct. 23	4081	870-1	124	2334
Gomme, Ben A., Eddyville, Neb. Apparatus for teaching time.....	825,902	July 17	2499	520	123	666
Gonce, John W., Kinderhook, Ala. Buckle.....	829,776	Aug. 28	4290	907	123	2847
Gonce, John W., Kinderhook, Ala. Hame-fastener.....	829,777	Aug. 28	4291	907	123	2847
Gonya, Sylvester J., et al. (See Jannell, Leslie D., assignor.)						
Gonyea, Peter L., Watertown, N. Y. Combined belt-awl and punch.....	831,945	Sept. 25	4135	861	124	1137
Gonyo, Bert, Trudeau, N. Y. Door-check.....	818,435	Apr. 24	3764	809	121	2346
Gocho, Claiborne W., Lynchburg, Va., assignor to Burroughs Adding Machine Company, Detroit, Mich. Adding-machine.....	825,205	July 3	1025	217	123	267
Gocho, Shadrack W., Bridgeport, Ohio, and W. C. Leasure, Wheeling, W. Va. Hose-coupling.....	813,792	Feb. 27	4525	999	120	2617
Gocho, Thomas R. (See Trainham, Zachariah L., assignor.)						
Good, Alvah W., Zanesville, Ohio. Hat and coat rack.....	811,711	Feb. 6	336	74	120	1561
Good, Ezra E., Waterloo, Iowa, assignor to Sanitary Cow Milking Company, Minneapolis, Minn. Milking apparatus.....	812,842	Feb. 20	2646	579	120	2150
Good Form Manufacturing Company. (See Davies, Charles W. T., assignor.)						
Good, Israel F., assignor of one-half to P. and R. Guth and B. F. Sell, Allentown, Pa. Ordinance.....	830,222	Sept. 4	655	131	124	166
Good, John, New York, N. Y., assignor to John Good Cordage Co. Tension device.....	811,141	Jan. 30	5145	1075	120	1276
Good Manufacturing Co. (See Schulz, Fritz, assignor.)						
Good, Robert J., and G. E. Hall, Canton, Ohio, assignors to Alliance Mine Equipment Company. Mine-door.....	833,519	Oct. 16	3050	647	124	2042
Goodale, Augustus M. (See McGraw and Goodale.)						
Goodale, George M., Canton, Ill. Draft-equalizer.....	834,517	Oct. 30	5252	1115	124	2676
Goodchild, George, Lansing, Mich. Leaf-guard attachment.....	824,859	July 3	364	69	123	99
Goode, Curtis B., Boston, Mass. Power-brake mechanism.....	812,989	Feb. 20	2934	646-7	120	2214
Goode, David H., Sapulpa, Ind. Ter. Fruit-clipper.....	833,714	Oct. 16	3439	733	124	2133
Goode, George W. (See Mitchell and Goode.)						
Goodell Company. (See Hunt, David F., assignor.)						
Goodfellow, Joseph. (See Chapman, Charles E., assignor.)						
Goodfellow, Moore, assignor of one-half to J. O. Dye, Columbus, Ohio. Delivery mechanism for beet-harvesters and the like.....	833,456	Oct. 16	2929	621-2	124	2014
Goodhue, James E., St. Charles, Ill. Corn-harvester.....	839,472	Dec. 25	4353	931	125	2560
Goodhugh, Thomas, Sutton, assignor to Claudius Ash Sons & Company 1905 Limited, London, England. Dental instrument.....	833,044	Oct. 9	2057	433	124	1748
Gooding, Reginald L., Bridgetown, Barbadoes. Waistband.....	837,399	Dec. 4	244	61	125	1417
Goodknight, Alva L., Council Bluffs, Iowa. Air-brake mechanism.....	813,090	Feb. 20	3131	686	120	2258
Goodlett, Joseph E. J., Memphis, Tenn. Stop mechanism for steam-engines.....	814,838	Mar. 13	1689	353-4	121	427
Goodman, Bradford L. (See Goodman, Oliver G. and B. L.)						
Goodman, Charles H., Bucyrus, Ohio. Supplemental tire for vehicle-wheels.....	824,240	June 26	3987	853	122	2760
Goodman, Oliver G. and B. L., Birmingham, England. Collar-supporter.....	812,127	Feb. 6	1181	259	120	1730
Goodman, William H., assignor of one-third to H. Woodward, Knoxville, Tenn. Candy-spinner.....	815,811	Mar. 20	3706	781	121	913
Goodrich, Clarence L., assignor to Pratt & Whitney Company, Hartford, Conn. Tool-holder.....	808,981	Jan. 2	721	156	120	159
Goodrich, Doney H., Berkeley, Cal. Convertible furniture.....	824,076	June 19	3668	780	122	2633
Goodrich, Edwin L., Crane, Mo. Trace-buckle.....	818,881	Apr. 24	4670	1002	121	2540

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Sec.	Page.	Vol.	Page.
Goodrich, George L., assignor to E. Ingraham Co., Bristol, Conn. Intermittent-alarm clock.	830,781	Sept. 11	1810	375	124	486
Goodrich, Ira L., Cupertino, assignor of one-half to E. E. Rupert, Sunol, Cal. Music-leaf turner.	826,240	July 17	3146	653	123	828
Goodrich, Joseph, Chicago, Ill. Vise.	837,681	Dec. 4	811	184-5	125	1556
Goodrick, Edward W., Appleton, Wis. Bark-rossing machine.	838,102	Dec. 11	1652	356	125	1811
Goodrick, Edward W., assignor of one-half to Appleton Machine Company, Appleton, Wis. Pulp-screening machine.	815,421	Mar. 20	2922	608-7	121	745
Goodrick, Edward W., assignor of one-half to Appleton Machine Company, Appleton, Wis. Pulp-screening machine.	822,599	June 5	746	151-2	122	1892
Goodridge, Gilbert W., assignor to Perkins Electric Switch Manufacturing Company, Bridgeport, Conn. Handle for electric snap-switches.	835,278	Nov. 6	805	168	125	204
Goodridge, Gilbert W., assignor to Bryant Electric Company, Bridgeport, Conn. Construction of incandescent-electric-lamp sockets.	837,054	Nov. 27	4344	921	125	1205
Goodridge, Gilbert W., assignor to Bryant Electric Company, Bridgeport, Conn. Construction of incandescent-electric-lamp sockets.	837,055	Nov. 27	4345	921	125	1205
Goodrum, Charles L. (See Lattig and Goodrum.)						
Goodrum, Charles L. (See Lattig, Goodrum, and Clement.)						
Goodrum, Charles L., Rochester, N. Y. Relay.	808,834	Jan. 2	412	91	120	91
Goodsell, Harry H., Indiana Harbor, Ind. Treating metals.	813,206	Feb. 20	3363	739	120	2308
Goodson, Lydia A., Elgin, and W. A. Nason, Algonquin, Ill. Invalid-bed.	809,051	Jan. 2	846	180	120	187
Goodspeed, Arthur B., East Orange, N. J., assignor to Industrial Development Company, New York, N. Y. Carbureter and igniter for hydrocarbon-engines.	808,915	Jan. 2	583	129	120	128
Goodspeed, Arthur B., Roseville, N. J., assignor to Industrial Development Company, New York, N. Y. Internal-combustion engine.	827,302	July 31	5339	1107-8	123	1411
Goodspeed, Arthur B., Roseville, N. J., assignor to Industrial Development Company, New York, N. Y. Valve-gear for internal-combustion engines.	827,303	July 31	5342	1108	123	1412
Goodspeed, Arthur B., Roseville, N. J., assignor to Industrial Development Company, New York, N. Y. Internal-combustion engine.	827,304	July 31	5344	1108-9	123	1412
Goodspeed, William, Plano, Iowa. Slide-valve and adjustable cut-offs.	832,900	Oct. 9	1785	368	124	1683
Goodwin, Charles, East Providence, R. I. Eyeglass-guard.	809,368	Jan. 9	1530	311	120	371
Godwin, Harry L., assignor to Goodwin Picker Company, Boston, Mass. Shuttle-motion for looms.	825,049	July 3	725	152	123	194
Goodwin, Herbert N., Newburyport, Mass. Submerged exhaust device for marine engines.	818,951	Apr. 24	4799	1032	121	2570
Goodwin, James H., Simpsonville, S. C. Cotton-planter.	835,610	Nov. 13	1465	313	125	413
Goodwin, John M., Mount Vernon, N. Y. Gravity drop-door.	815,284	Mar. 13	2570	540	121	619
Goodwin, John M., Mount Vernon, N. Y. Gravity-chute.	815,285	Mar. 13	2573	541	121	620
Goodwin, John M., Mount Vernon, N. Y. Body-bolster for vehicles.	815,286	Mar. 13	2575	541-2	121	621
Goodwin, John M., Mount Vernon, N. Y. Vehicle girder and bulkhead.	815,287	Mar. 13	2577	542	121	621
Goodwin, John M., Mount Vernon, N. Y. Buffer for railway-vehicles.	815,288	Mar. 13	2579	542	121	622
Goodwin, John M., Mount Vernon, N. Y. Vehicle-frame construction.	815,289	Mar. 13	2580	543	121	622
Goodwin, John M., Mount Vernon, N. Y. Apparatus for operating dumping-vehicles by fluid-pressure.	816,008	Mar. 27	4105	867	121	1052
Goodwin, John M., Mount Vernon, N. Y. Dumping-vehicle.	816,009	Mar. 27	4107	867-9	121	1052
Goodwin, John M., Mount Vernon, N. Y. Truck-bolster.	816,010	Mar. 27	4109	869-70	121	1053
Goodwin, Lyman O., assignor of one-half to J. M. and G. M. Bassett, Worcester, Mass. Self-lubricating loose pulley.	821,632	May 29	5309	1133	122	1414
Goodwin, Lyman O., assignor to G. M. and A. J. Bassett, Worcester, Mass. Shaft-straightener for lathes.	837,267	Nov. 27	4741	1004-5	125	1302
Goodwin, Oscar, Berlin Mills, assignor of one-half to J. H. Wight, Berlin, N. H. Kitchen-cabinet.	821,481	May 22	5022	1068-9	122	1295
Goodwin Picker Company. (See Goodwin, Harry L., assignor.)						
Goodwin, William B., Columbus, Ohio. Igniting device.	822,942	June 12	1413	296	122	2082
Goodwin, William B., Columbus, Ohio. Match.	837,464	Dec. 4	377	86	125	1450
Goodyear, Nelson, Flushing, N. Y., assignor to J. B. Colt Company. Gas-generator.	808,650	Jan. 2	59	12-13	120	15
Goodyear Tire and Rubber Company. (See Scott, Charles S., assignor.)						
Goodyear, William E., Boston, Mass. Buttonhole-stitching machine.	809,052	Jan. 2	849	180	120	188
Goodyear, William E., Newark, N. J. Stop-motion for high-speed machines.	818,159	Apr. 17	3211	691	121	2173
Goodyear's India Rubber Glove Manufacturing Co. (See Eggers, Anton C., assignor.)						
Googins, Eben H., et al. (See Poole, John H., assignor.)						
Googins, William H., Brooklyn, N. Y. Steam-trap.	824,715	July 3	37	6	123	13
Goosing, Martin B., Dallas, Tex. Land-smoother.	825,646	July 10	2016	422	123	538
Gordon, James H., assignor of one-half to J. Fatteson, Cooper, Tex. Telephone system.	821,482	May 22	5024	1069-70	122	1296
Gordon, Albert A., Jr., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Brake mechanism of looms.	810,113	Jan. 16	3029	630	120	752
Gordon, Albert A., Jr., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom for making pile fabrics.	811,842	Feb. 6	536	128	120	1608
Gordon, Alexander, et al. (See Atkinson, Charles E., assignor.)						
Gordon, Alexander, Weiser, Idaho. Manufacture of sand-lime bricks.	809,053	Jan. 2	852	181	120	188
Gordon, Alexander, Detroit, Mich. Cigar-bunching machine.	820,968	May 22	3984	846	122	1067
Gordon, Charles, Milwaukee, Wis. Drill-chuck.	809,296	Jan. 9	1378	280	120	339
Gordon, Douglas, Worcester, Mass., assignor to Marcus Mason & Company, New York, N. Y. Fermenter.	827,148	July 31	5039	1050	123	1337
Gordon, Elonso J., Big Rapids, Mich. Hollow blast-grate.	824,716	July 3	38	6-7	123	14
Gordon, Frank L. (See Rosing and Gordon.)						
Gordon, Frederick W., Miami, Tex. Corn-topping tool.	826,328	July 17	3321	685-6	123	873
Gordon, Fynis C., Asotin, Wash. Propeller.	819,540	May 1	995	218	122	224
Gordon, Inde P., Pittsburg, Kans. Bottle.	817,705	Apr. 10	2260	486	121	1908
Gordon, John B., Meridian, Miss. Excavating-machine.	818,952	Apr. 24	4801	1032	121	2570
Gordon, John P., Columbus, Ohio. Tire-cover.	823,680	June 19	2929	620	122	2474
Gordon, Lewis S., assignor of one-third to J. B. McMullen, Oil City, Pa. Rail-joint.	837,268	Nov. 27	4743	1005	125	1303
Gordon, Morris L., Seiad Valley, Cal. Ball-bearing for hydraulic giants.	826,931	July 24	4561	949	123	1205
Gordon, Perry A., Jet, Okla. Ter. Mail-signal.	834,122	Oct. 23	4471	949	124	2434
Gordon, Robert J., Detroit, Mich. Rivet-holder.	808,835	Jan. 2	415	91	120	92
Gordon, Thomas D., Monmouth, Ill. Harness breast-collar.	827,232	July 31	5207	1082	123	1382
Gordon, Walter T., Juniper, Oreg. Draper.	808,916	Jan. 2	585	129	120	128
Gordon, Walter T., Juniper, Oreg. Riveting device.	824,007	June 19	3549	757-8	122	2607
Gordon, Walter T., Juniper, Oreg. Machine for attaching slats to conveyer-belts.	830,709	Sept. 11	1674	345	124	451
Gordon, Walter T., Juniper, Oreg., assignor of one-half to W. G. Moore, Chicago, Ill. Coin-safe.	836,318	Nov. 20	2822	599	125	799
Gordon, William F. (See Bartlett and Gordon.)						
Gordon, William L., Deal, N. J. Pneumatic heel-cushion.	832,375	Oct. 2	714	138	124	1385
Gordon, William N., Corry, Pa. Rail-joint.	831,339	Sept. 18	2903	615	124	785
Gordon, William W., Washington, D. C. Car-coupling.	809,255	Jan. 2	1292	263	120	284
Gordon, William W., Washington, D. C. Car-coupling.	815,525	Mar. 20	3104	648	121	783
Gordon, William W., Washington, D. C. Car and air-brake hose-coupling.	838,103	Dec. 11	1653	357	125	1811

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Gore, Alfred H., Shelbyville, Ind. Switch-operating device.....	819,647	May 1	1201	264	122	270
Gore, J. W. (See Carden, Levi S., assignor.)						
Goresline, Truman D., and J. M. Cramer, Gardner, Kans. Burglar and fire alarm.....	825,823	July 10	2353	491	123	620
Gorham, William H. (See Gans and Gorham.)						
Gorman, Horace P., Hazleton, Pa. Shell-fish opener.....	837,465	Dec. 4	379	87	125	1450
Gorman, Horace P., Hazleton, Pa. Shell-fish opener.....	838,104	Dec. 11	1656	357	125	1812
Gorman, James P., Jr., New York, N. Y. Electric-traction system.....	813,287	Feb. 20	3522	776	120	2341
Gorman, Thomas J., New York, N. Y. Closure for envelopes and the like.....	828,847	Aug. 14	2307	491	123	2274
Gormley, James R., Chicago, J. Gormley and P. Conley, Rockford, Ill. Smoke-consumer.....	808,917	Jan. 2	586	129	120	128
Gormley, John. (See Gormley and Conley.)						
Gormley, William, Chicago, Ill. Pipe-wrench.....	813,645	Feb. 27	4251	934	120	2559
Gorrell, Joseph E., Baltimore, Md. Tent-peg.....	827,438	July 31	5645	1170	123	1486
Gorsuch, Charles. (See Tice and Gorsuch.)						
Gorsuch, John W., La Junta, Colo. Spike-extractor.....	822,943	June 12	1415	296	122	2082
Gorsuch, John W., and D. A. Bogue, La Junta, Colo. Cattle-guard.....	817,367	Apr. 10	1618	342	121	1774
Gorton, George, Racine, Wis. Clearance-space grinding-disk.....	816,461	Mar. 27	5040	1070	121	1251
Gorton, Robert, Newton, Mass. Garter.....	838,708	Dec. 18	2844	611	125	2146
Gosling, Edward J. (See Power and Gosling.)						
Gosnell, John A., Nashville, Ark. Thread and buttonhole cutter for thimbles.....	824,925	July 3	499	99	123	133
Goss, Charles E. (See Goss, George W. and C. E.)						
Goss, Charles O. (See Cain, William H., assignor.)						
Goss, George F. (See Eckley, James W., assignor.)						
Goss, George F., Wallacetown, Pa., and J. E. Parker, Washington, D. C.; said Parker assignor to said Goss. Game-register.....	813,551	Feb. 27	4068	892-3	120	2521
Goss, George W. and C. E., Baltimore, assignors to Roderick Lean Mfg. Co., Mansfield, Ohio. Cultivator.....	821,235	May 22	4504	959	122	1181
Goss, Harry T., Rutherford, N. J., assignor to Bundy Manufacturing Company. Driving mechanism for number-indicating machines.....	831,057	Sept. 18	2331	491-2	124	647
Goss, Harry T., Rutherford, N. J., assignor to Bundy Manufacturing Company. Printing-machine.....	831,058	Sept. 18	2335	492-4	124	648
Goss, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Powder-can top.....	816,313	Mar. 27	4714	1000	121	1184
Goss, John L., Newcastle, Ind. Column-clamp.....	829,266	Aug. 21	3198	671	123	2532
Goss Printing Press Company. (See Firm, Joseph L., assignor.)						
Goss Printing Press Company. (See Goss, Samuel G., assignor.)						
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Delivery apparatus for printing-presses.....	812,923	Feb. 20	2795	615-16	120	2184
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Stereotyping apparatus.....	812,924	Feb. 20	2801	616-17	120	2186
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Stereotyping apparatus.....	829,202	Aug. 21	3065	643-5	123	2500
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Molten-metal-measuring apparatus.....	835,520	Nov. 13	1282	275	125	368
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Printing-press.....	836,749	Nov. 27	3711	792	125	1050
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Multiroll web-perfecting printing-press.....	836,750	Nov. 27	3713	793	125	1050
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Folding-machine.....	836,751	Nov. 27	3716	793	125	1050
Goss, William, Osage City, Kans. Grocer's cabinet.....	831,946	Sept. 25	4137	862	124	1133
Gossard Company, H. W. (See Gossard, Samuel S., assignor.)						
Gossard, Samuel S., Belvidere, assignor to H. W. Gossard Company, Chicago, Ill. Cor-set-lacing construction.....	837,056	Nov. 27	4346	922	125	1205
Gosselin, John G., Hydepark, Mass. Type-setter's machine.....	811,285	Jan. 30	5440	1134	120	1341
Gossett, William, Falls City, Nebr. Wheelbarrow.....	812,990	Feb. 20	2936	647	120	2215
Gossweiler, Karl, Vienna, Austria-Hungary. Manufacturing clean edges in enameled ware.....	828,107	Aug. 7	844	.....	123	1879
Gottlander, John, Denver, Colo. Ore-separator.....	834,613	Oct. 30	5448	1156-7	124	2725
Gotthieb, Edward O. (See Zaesek and Gotthieb.)						
Gotthieb, John G., Fessenden, N. D. Obstetrical instrument.....	818,963	Apr. 24	4803	1032	121	2571
Gotthieb, Samuel, New York, N. Y. Amusement device.....	832,965	Oct. 9	1903	397	124	1709
Gottschalk, Otto, San Francisco, Cal. Continuous-rail crossing for street-railways.....	818,954	Apr. 24	4804	1033	121	2571
Gough, Edgar W., Great Barrington, Mass. Switch.....	835,415	Nov. 6	1095	236	125	276
Gough, Edgar W., Great Barrington, Mass. Regulator for electric circuits.....	835,416	Nov. 6	1098	237	125	276
Gough, Edgar W., assignor to Stanley Instrument Company, Great Barrington, Mass. Circuit-breaker.....	821,586	May 22	5206	1111	122	1334
Gould, Charles P., East Braintree, assignor to Fore River Ship Building Company, Quincy, Mass. Ventilation-terminal.....	829,961	Sept. 4	54	10	124	13
Gould Coupler Company. (See Richards, Willard F., assignor.)						
Gould Coupler Company. (See Richards and Turbayne, assignors.)						
Gould & Eberhardt. (See Eberhardt, Henry E. and F. L., assignors.)						
Gould, Edwin, Delawanna, N. J. Printing-frame.....	838,534	Dec. 18	2515	544	125	2065
Gould, Edwin J., Boulder, Colo. Compensating gear.....	834,902	Nov. 6	56	11	125	17
Gould, George A., Davenport, Iowa. Mold for manufacturing bricks and artificial stone.....	820,298	May 8	2595	565	122	640
Gould, Herbert V., Eastport, Mich. Beet-topping machine.....	820,861	May 15	3718	793	122	947
Gould, Newton T., assignor to one-half to G. F. Dorman and R. E. Fuchs, Sacramento, Cal. Switch-operator.....	834,466	Oct. 30	5155	1095	124	2651
Gould, Sanford, New York, N. Y. Soap-dispensing apparatus.....	829,131	Dec. 25	3679	793	125	2397
Gould, Stella, Chicago, Ill. Device for marking or cutting cloth on the bias.....	837,233	July 31	5209	1082	123	1382
Gould Storage Battery Company. (See Hubbard and Lyndon, assignors.)						
Gould Storage Battery Company. (See Richards, Willard F., assignor.)						
Gould, William F., Des Moines, Iowa. Railway-tie plate.....	838,618	Dec. 18	2676	574	125	2103
Gouldie, Joseph, Brayton, England. Brake for railway-trucks and other vehicles.....	834,796	Oct. 30	5824	1236	124	2820
Goulding, Benjamin J. J. (See Wood and Goulding.)						
Gouldsberry, Joseph H., Teutonia, W. Va. Cylinder-boring machine.....	810,114	Jan. 16	3032	631	120	752
Gouldthrite, Frank S., Ottawa, Ontario, Canada, assignor to one-half to W. M. Jones, West New Brighton, N. Y. Device for retaining heat in foods.....	835,857	Nov. 13	1917	405	125	524
Gourdin, John K., Pineville, assignor to one-half to R. L. Montague and R. P. Tucker, Charleston, S. C. Axle-bearing.....	813,880	Feb. 27	4714	1043	120	2659
Gourdin, John K., Pineville, assignor to one-half to R. L. Montague and R. P. Tucker, Charleston, S. C. Fertilizer-distributor.....	813,881	Feb. 27	4715	1043	120	2659
Gourdin, John K., Pineville, assignor to one-half to R. L. Montague and R. P. Tucker, Charleston, S. C. Fertilizer-distributor.....	836,573	Nov. 20	3315	706-7	125	915
Gourley, Thomas P., New York, N. Y. Fire-brick compound.....	822,600	June 5	749	.....	122	1893

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Gournay, Lionel de, Nantes, France. Oven for the manufacture of ovoid or other shape smokeless briquets.....	826,027	July 17	2741	567	123	733
Gow, Alexander M., Edgewood Park, Pa. Gas-producer.....	831,854	Sept. 25	3944	824	124	1090
Gow, Alexander M., Edgewood Park, assignor to G. Westinghouse, Pittsburg, Pa. Gas-purifying apparatus.....	815,812	Mar. 20	3767	781	121	913
Gowdy, George E., New Haven, Conn. Dough-cutting machine.....	824,008	June 19	3551	758	122	2608
Gowen, Harry W., Halifax, N. C. Brush.....	820,299	May 8	2597	565	122	641
Goyett, Warner L., Canon City, Colo. Apple-box press.....	814,954	Mar. 13	1888	397	121	468
Gra, Hernando B., Columbus, Tex. Umbrella.....	839,473	Dec. 25	4353	932	125	2560
Graaf, Margaret, Estherville, Iowa. Sewing-machine cabinet.....	837,620	Dec. 4	684	157	125	1524
Graaff & Company Gesellschaft mit beschränkter Haftung, W. (See Mikorey, Hans, assignor.)						
Grabau, Hans E., New York, N. Y. Hammer for beating leaf metal.....	814,003	Feb. 27	4951	1095	120	2705
Grabiel, Virgil L., West Lafayette, Ohio. Ditching-machine.....	826,329	July 17	3323	686	123	873
Grable, Charles K. (See Freeman, Douglas E., assignor.)						
Grabosch, Gustav, assignor to Phoenix Elektrotechnische Gesellschaft M. B. H., Berlin, Germany. Electric target-setting apparatus.....	809,796	Jan. 9	2381	492	120	556
Grace, Daniel J., Pittsburg, Kans. Tap.....	826,241	July 17	3147	653	123	828
Grace, John F., assignor to Henry R. Worthington, New York, N. Y. Condenser.....	809,679	Jan. 9	2171	449	120	509
Gradwohl, Harry C., St. Louis, Mo. Floor drain and trap.....	814,441	Mar. 6	898	184	121	195
Graebing, Charles E., Freedom, Pa. Lubricator.....	818,160	Apr. 17	3216	691	121	2175
Graefe, Adolph, Brooklyn, N. Y. Adjustable stand for flower-pots.....	811,712	Feb. 6	337	74	120	1561
Graeme, Joseph W., U. S. Navy. Mosquito-net.....	818,882	Apr. 24	4671	1002	121	2541
Graeme, Joseph W., and R. W. McNeely, U. S. Navy. Pruning device.....	831,947	Sept. 25	4139	862	124	1138
Graese, Henry W., Canova, S. D. Device for feeding anti-incrustation compounds to steam-boilers.....	833,045	Oct. 9	2058	433	124	1748
Graf, Albert M., Carpenter, S. D. Milk-pail holder.....	822,362	June 5	267	56	122	1784
Graf, Joseph, Paterson, N. J. Attachment for hand-operated brushes.....	832,966	Oct. 9	1904	397	124	1710
Graff, Frank B. (See Massette, Louis A., assignor.)						
Grafstrom, Dorothy B., administratrix. (See Grafstrom, Edward.)						
Grafstrom, Edward, deceased, Topeka, Kans.; D. B. Grafstrom, administratrix. Car-coupling device.....	808,651	Jan. 2	64	14	120	16
Graft, Conrad F., St. Louis, Mo. Railway-rail.....	811,055	Jan. 30	4968	1037	120	1240
Grafton, Frank H., assignor to Wheeling Corrugating Company, Wheeling, W. Va. Forming seams for sheet metal.....	834,467	Oct. 30	5156	1095	124	2651
Grafton, John M. (See Skeen and Grafton.)						
Gragg, Joe L., Honey Grove, Tex. Coat-rack.....	835,417	Nov. 6	1101	237	125	277
Gragg, Zachary T., assignor of one-half to J. A. Tobin, Oklahoma, Okla. Ter. Weighing-scale.....	831,508	Sept. 18	3206	677-8	124	862
Graham, Andrew W., Bradford, Pa. Pipe-coupling.....	839,750	Dec. 25	4923	1052	125	2699
Graham, Andrew W., assignor of one-half to L. E. Mallory, Bradford, Pa. Pipe-coupling.....	811,631	Feb. 6	199	42-3	120	1528
Graham, Andrew W., assignor of one-half to L. E. Mallory, Bradford, Pa. Pipe-coupling.....	811,632	Feb. 6	201	43	120	1529
Graham, Arvilla M. (See Graham, Chauncey L., assignor.)						
Graham, Charles W., assignor to Utica Industrial Company, Rome, N. Y. Carrier-support for can-machines.....	814,442	Mar. 6	899	185	121	196
Graham, Charles W., assignor to Utica Industrial Company, Rome, N. Y. Soldering.....	814,779	Mar. 13	1576	333	121	404
Graham, Chauncey L., assignor to A. M. Graham, Chicago, Ill. Visible fluid-feed indicator.....	828,108	Aug. 7	844	174	123	1879
Graham, David F., assignor to Eisenhuth Horseless Vehicle Company, Middletown, Conn. Adjusting means for the clutch mechanisms of automobiles.....	825,206	July 3	1036	218	123	271
Graham, David F., and F. A. Fox, Stamford, assignors, by mesne assignments, to Eisenhuth Horseless Vehicle Company, Middletown, Conn. Combined sparkers and governor for gas-engines.....	809,560	Jan. 9	1921	399	120	455
Graham, David F., and F. A. Fox, Stamford, assignors, by mesne assignments, to Eisenhuth Horseless Vehicle Company, Middletown, Conn. Valve-controlling mechanism for explosive-engines.....	813,043	Feb. 20	3036	668	120	2236
Graham, David T., St. Louis, Mo. Tumbler.....	821,483	May 22	5027	1070	122	1296
Graham, Edwin C., Washington, D. C. Recording attachment for liquid-dispensing apparatus.....	827,798	Aug. 7	223	45	123	1727
Graham, Ernest A., assignor of one-half to L. N. Ford, Bar Harbor, Me. Bracket-hook.....	827,627	July 31	6086	1261	123	1598
Graham, Ernest A., assignor of two-thirds to F. M. Graham and L. N. Ford, Bar Harbor, Me. Bracket-hook.....	815,813	Mar. 20	3709	782	121	913
Graham, Frank M., et al. (See Graham, Ernest A., assignor.)						
Graham, George, and W. Lovelace, assignors of one-fourth to N. Carpenter, Dorchester, Va. Oil-flask.....	815,158	Mar. 13	2326	486	121	563
Graham, George E., and J. F. Mitchell, Stevenson, Ala. Clutch construction.....	838,318	Dec. 11	2091	452	125	1917
Graham, James M. (See Bowne, John D., assignor.)						
Graham, John. (See Friedman and Graham.)						
Graham, John, Glasgow, Scotland. Locking-clip for filing documents.....	833,046	Oct. 9	2060	433	124	1749
Graham, John D., Brooklyn, N. Y., assignor, by mesne assignments, to Marine Torch Company of Baltimore City. Marine torch.....	816,160	Mar. 27	4423	936	121	1121
Graham, John K., Wilmington, Del. Temple.....	829,267	Aug. 21	3200	672	123	2532
Graham, John L., Haakwood, Mich. Band-resaw.....	815,955	Mar. 27	3996	846	121	1026
Graham, Levi P., Decatur, Ill. Seed-corn sorter.....	833,715	Oct. 16	3440	733-4	124	2133
Graham, Lozelle F., San Jose, Cal. Fruit-syruping machine.....	825,598	July 10	1876	397	123	500
Graham, Lozelle F., San Jose, Cal. Fruit-washing machine.....	837,559	Dec. 4	554	130	125	1493
Graham, Richard. (See Carlson, Axel H., assignor.)						
Graham, Thomas M. (See Fiteau, Victor, assignor.)						
Graham, William S., assignor to Parlin & Orendorff Company, Canton, Ill. Planter.....	812,925	Feb. 20	2804	617-18	120	2186
Graham, William S., assignor to Parlin & Orendorff Company, Canton, Ill. Combined riding and walking cultivator.....	820,043	May 8	2083	454-5	122	528
Gramm, Benjamin A., Chillicothe, Ohio. Clutch mechanism.....	819,421	May 1	777	167	122	176
Gramm, Benjamin A., Chillicothe, Ohio. Muffler.....	823,115	June 12	1788	368	122	2165
Gramm, Benjamin A., Chillicothe, Ohio. Controlling mechanism for automobiles.....	823,522	June 19	2631	553	122	2408
Grammont, Alexandre, Pont-de-Cherry, France. Gear-case for railway-motors and means for mounting the same.....	830,830	Sept. 11	1897	396	124	509
Grand Detour Plow Company. (See Frey, Robert R., assignor.)						
Grand Rapids Brush Company. (See Page and Vanderveld, assignors.)						
Grand Rapids Hardware Company. (See Miller and Sayger, assignors.)						
Grand Rapids Saddlery Hardware Manufacturing Company. (See Begole, Gordon W., assignor.)						
Grand Rapids Show Case Company. (See Vanderveld, Anthony, assignor.)						
Grand Rapids Show Case Company. (See Williams, William K., assignor.)						
Grandonio, Nicola, et al. (See Magaro, Petro, No. 3, assignor.)						
Granger, Frank C., et al. (See Poole, John H., assignor.)						
Granier, Henri M., Villemomble, Seine, France. Manufacture of sulfate of copper and caustic alkalis.....	829,778	Aug. 28	4293	907	123	2847

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Granke, Otto, La Crosse, Wis. Banana-shipping crate.	814,534	Mar. 6	1074	221	121	233
Grannatt, Henry C., assignor of one-half to J. H. Waddingham, Los Angeles, Cal. Pulley.	820,410	May 15	2810	612	122	748
Grant, Charles, Brooklyn, assignor of one-half to R. Plunkett, New York, N. Y. Engine-governor.	821,286	May 22	4608	982-3	122	1203
Grant, Charles W. (See Leming, Eiklor, and Grant.)						
Grant, David S., Stoneham, Mass. Non-grinding power-transmission device.	818,161	Apr. 17	3217	692	121	2175
Grant, Edwin J., Los Angeles, Cal. Fencing game apparatus.	838,105	Dec. 11	1658	357-8	125	1812
Grant, Francis J., Chicago, Ill. Insulator.	833,877	Oct. 23	3808	808	124	2272
Grant, Frank. (See Grant, Sidney A., F., and R. M.)						
Grant, George. (See Lehrmann, John F., Jr., assignor.)						
Grant, John. (See Hudson, Henry T., assignor.)						
Grant, Jordan W., Portsmouth, Va. Pop safety-valve.	810,201	Jan. 16	3213	665	120	785
Grant, Oscar E., et al. (See Hoffman, Arthur L., assignor.)						
Grant, Ralph E., Zelenople, Pa. Oil-well appliance.	827,527	July 31	5885	1218	123	1545
Grant, Ralph M. (See Grant, Sidney A., F., and R. M.)						
Grant, Sidney A., Springfield, F. Grant, Westfield, Mass., and R. M. Grant, South Windsor, Conn. Envelop-machine.	829,583	Aug. 28	3874	821-2	123	2745
Grant, Thomas, assignor of one-half to Michigan Buggy Company, Kalamazoo, Mich. Shifting thill.	812,843	Feb. 20	2648	579	120	2151
Grant, Walter H., Boston, Mass. Dental mirror.	836,967	Nov. 27	4145	885	125	1156
Grant, William W., Brooklyn, N. Y. Carbureter.	827,094	July 31	4905	1023	123	1302
Grant, Willis C., Ashtabula, Ohio. Printing device.	835,903	Nov. 13	2002	424	125	545
Grantland, John W., Philadelphia, Pa. Flushometer.	822,116	May 29	6257	1332	122	1628
Grasberger, Boniface A., Richmond, Va. Trolley-stand.	826,565	July 24	3853	797-8	123	1025
Grasser, Augusta, et al. (See Grasser, William H., assignor.)						
Grasser, Jasper P., et al. (See Grasser, William H., assignor.)						
Grasser, William H., Orofino, Idaho. Insect-trap.	834,518	Oct. 30	5253	1116	124	2677
Grasser, William H., Leland, assignor of two-thirds to A. and J. P. Grasser, Orofino, Idaho. Fly-trap.	812,169	Feb. 6	1300	284	120	1754
Grassmann, Peter, Louisville, Ky. Rotary engine.	826,422	July 17	3486	725-6	123	912
Grassmuck, George. (See Cramer, John, assignor.)						
Grath, Walter P., St. Louis, Mo. Brick-press.	832,125	Oct. 2	209	42	124	1264
Gratiot, Fred W. and R. J., Argenta, Ark. Lubricator.	829,866	Aug. 28	4466	943	123	2889
Gratiot, Rene J. (See Gratiot, Fred W. and R. J.)						
Grattan, John W., Watertown, N. Y. Top.	808,918	Jan. 2	587	129	120	129
Grau, Bernhard, Kratzwieck, near Stettin, Germany. Production of cement.	813,965	Feb. 27	4874		120	2691
Graul, Fredrick, Newark, N. J., assignor to Rubber and Celluloid Harness Trimming Co. Brush.	831,340	Sept. 18	2904	615	124	785
Graves, Charles G., Gloster, La. Cotton-elevator.	833,740	Oct. 23	3486	744	124	2192
Graves, Ed A., Randolph, N. Y. Air-brake.	822,520	June 5	572	115	122	1852
Graves, Elbert G., Howard, Tex. Double-row planter-carriage.	833,831	Oct. 23	3702	788-9	124	2245
Graves, George W., Rochester, N. Y. Gas-stove.	826,633	May 29	5311	1133	122	1415
Graves, George W., assignor to D. D. Frisbee, Detroit, Mich. Apparatus for heating tires.	810,528	Jan. 23	3943	811	120	982
Graves, Giles A., and D. W. Kelley, assignors to Animal Trap Company, Abingdon, Ill. Animal-trap.	836,319	Nov. 20	2825	600	125	800
Graves, John, Milwaukee, Wis. Loose-leaf-ledger binder.	811,286	Jan. 30	5443	1135	120	1342
Graves, John W., Covington, Tenn., assignor to International Cotton Company, Boston, Mass. Cotton-gin.	839,132	Dec. 25	3680	793-4	125	2397
Graves, Salathiel V., and S. H. McDaniel, McFall, Mo. Insulator for telegraph and telephone wires.	830,585	Sept. 11	1402	290	124	376
Graves, Spencer, Poulau, Ga. Gearing.	817,239	Apr. 10	1373	289	121	1723
Gravity Conveyor Company. (See Schwab, Martin C., assignor.)						
Grawert-Zellin, Fritz H., New York, N. Y. Explosion-turbine.	819,990	May 8	1951	430-2	122	496
Gray, Alonzo L., Vanderbilt, Pa. Mailing-tube.	811,556	Feb. 6	35	8	120	1492
Gray, Bertram P., Birmingham, England. Hoof-pad for horseshoes.	820,108	May 8	2224	483	122	559
Gray, Bertram P., Birmingham, England. Hoof-pad for horseshoes.	835,064	Nov. 6	388	78-9	125	102
Gray, Charles F., assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Feeding mechanism for sewing-machines.	821,587	May 22	5209	1111-12	122	1334
Gray, Charles F., Indianapolis, Ind., assignor to W. A. Knight, trustee, Cincinnati, Ohio. Canned-goods cooker.	823,523	June 19	2632	553	122	2408
Gray Company, G. A. (See Richter, Ernst, assignor.)						
Gray, David E., New York, N. Y. Electric switch.	820,491	May 15	2977	643	122	784
Gray, Emmet P., assignor to Gray Manufacturing Company of Detroit, Detroit, Mich. Muffler.	820,566	May 15	3138	675	122	819
Gray, Emmet P., assignor to Gray Manufacturing Company of Detroit, Detroit, Mich. Whistle.	821,358	May 22	4770	1014	122	1241
Gray, Emmet P., Cincinnati, Ohio, assignor to Gray Manufacturing Company of Detroit, Detroit, Mich. Differential-gear casing.	823,524	June 19	2636	554	122	2409
Gray, Ernest W., Des Moines, Iowa. Twine-holder.	827,095	July 31	4910	1024	123	1303
Gray, Francis M., Decatur, Ill. Vise.	817,240	Apr. 10	1375	289	121	1723
Gray, Frank, Muskegon, Mich. Reversible propeller.	818,535	Apr. 24	3973	853	121	2389
Gray, George G. (See Sheets, George T., assignor.)	811,287	Jan. 30	5445	1135	120	1342
Gray, Harry L., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-film cartridge.	820,492	May 15	2978	643	122	784
Gray, Horace A. (See Wibel, Cunningham, and Gray.)						
Gray, Howard A., Plainfield, Ill. Well-cap.	830,782	Sept. 11	1812	375-6	124	486
Gray, James D., et al. (See Nicholls, Moses, assignor.)						
Gray, James H., San Francisco, Cal. Tumbler for bucket elevators.	821,163	May 22	4377	931	122	1153
Gray, James H., San Francisco, Cal. Tumbler for bucket elevators.	822,601	June 5	751	152	122	1893
Gray, James R., New York, N. Y. Column-cap.	835,884	Nov. 13	1966	416-17	125	535
Gray, Jesse L., assignor of one-half to P. F. Rice, Santa Ana, and W. H. Faust, Los Angeles, Cal. Sound reproducing and magnifying means.	814,839	Mar. 13	1691	354	121	428
Gray, John J., Jr., Rockdale, Tenn. Manufacture of ferrophosphorus.	831,427	Sept. 18	3063		124	825
Gray, John M., Port Carbon, Pa. Ice-creeper.	810,484	Jan. 23	3848	790	120	961
Gray, John S., Springdale, Wash. Hydraulic motor.	825,207	July 3	1041	219	123	272
Gray, Joseph A., Norwalk, Conn. Package-tie.	819,648	May 1	1203	264	122	270
Gray, Joseph W., Evenwood, W. Va. Safety-trip.	838,980	Dec. 18	3324	719	125	2260
Gray Lithograph Company. (See Seaman, Henry B., assignor.)						
Gray Manufacturing Company of Detroit. (See Gray, Emmet P., assignor.)						
Gray National Telautograph Company. (See Tiffany, George S., assignor.)						
Gray, Robert. (See MacCallum, Patrick F., assignor.)						
Gray, Robert H., et al. (See Shaffner, George, assignor.)						
Gray, Robert H., Dallas City, Ill. Carbureter.	834,614	Oct. 30	5451	1157	124	2725

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & C.	Vol.	Page.
Gray, Samuel, Harrisburg, Pa. Button	827,971	Aug. 7	556	114	123	1816
Gray, Simon J., and J. Horning, Oakland, Cal. Sawing-machine	824,009	June 19	3553	759	122	2608
Gray, Simon J., and J. Horning, Oakland, Cal. Saw	827,009	July 24	4700	980	123	1237
Gray Telephone Pay Station Company. (See Long, George A., assignor.)						
Gray, Thomas B., Silverlake, Kans. Mail-delivery box	835,675	Nov. 13	1577	337	125	441
Gray, William, assignor of one-half to J. C. Robertson, Springfield, Mass. Float-valve	812,337	Feb. 13	1666	366	120	1905
Gray, William C., and W. McKenzie, Ayr, Scotland. Loom for weaving pile fabrics	815,526	Mar. 20	3105	648-9	121	784
Gray, William D., Milwaukee, Wis. Spiral chute	834,720	Oct. 30	5658	1200	124	2779
Gray, William J., Sauk Center, Minn. Lifting-jack	818,436	Apr. 24	3765	809	121	2346
Grayber, Charles L., and E. R. Kerrigan, Deer Lodge, Mont. Lubricator	837,220	Nov. 27	4645	987	125	1279
Green, Alexandre M., New York, N. Y. Shoulder-form	810,332	Jan. 16	3491	721	120	844
Green, Alexandre M., New York, N. Y. Shoulder and sleeve form	810,333	Jan. 16	3492	722	120	844
Great American Automatic Vending Machine Company. (See Dole, Frederick J., assignor.)						
Great American Automatic Vending Machine Company. (See Wyatt, Albert E., assignor.)						
Great Northern Paper Company. (See Holbrook, Frank E., assignor.)						
Great Western Pottery Company. (See Coxon, William G., assignor.)						
Greatsinger, Jacob L., Brooklyn, N. Y. Filter	821,937	May 29	5916	1258	122	1549
Greece, James, Uniontown, Pa. Horse-detacher	817,424	Apr. 10	1744	367	121	1800
Green, Alfred. (See Barnes and Green.)						
Green, Andrew L., Lake City, Fla. Bottle-seal	810,334	Jan. 16	3493	722	120	845
Green, Byron E., Iliou, N. Y. Overhead-trolley support and switch	817,368	Apr. 10	1620	342	121	1774
Green, Calvin R., and D. R., Rising Sun, Ind. Telephone system	823,215	June 12	2006	418	122	2214
Green, Charles E., and E., Cobleskill, N. Y.; said E. Green assignor to said Charles E. Green. Stanchion	821,588	May 22	5210	1112	122	1334
Green, Charles M., Lynn, Mass., assignor to General Electric Company. Means for preventing accumulation of static electricity upon belting	815,814	Mar. 20	3710	782	121	914
Green, Charles V., Bradford, Pa. Combined rule and square	814,690	Mar. 13	1407	293	121	367
Green, David R. (See Green, Calvin R. and D. R.)						
Green, Elmer, North East, Pa. Dust-pan	829,522	Aug. 28	3760	797	123	2717
Green, Emory. (See Green, Charles E. and E.)						
Green, George F., Bazette, assignor of one-half to E. S. Jones, Kerens, Tex. Cooking-stove attachment	811,056	Jan. 30	4969	1037	120	1240
Green, George F., Bazette, assignor of one-half to J. P. Eilett, Fort Worth, Tex. Folding crate	820,300	May 8	2597	565-6	122	641
Green, Henry. (See Young, Clark, and Green.)						
Green, James A., Milldale, Va. Thill-coupling	818,437	Apr. 24	3766	810	121	2346
Green, James J., Bremen, Ga. Cultivator	809,942	Jan. 16	2666	550	120	672
Green, John, St. Louis, Mo., assignor to J. S. Andrews & Company, New York, N. Y. Car-truck	838,319	Dec. 11	2091	453	125	1917
Green, John, St. Louis, Mo., assignor to J. S. Andrews & Company, New York, N. Y. Car-truck	838,320	Dec. 11	2094	453	125	1918
Green, John F., Piedmont, Ohio. Switch-adjuster	824,354	June 26	4192	896	122	2804
Green, John J., Boonton, N. J., assignor to E. P. Coe and L. Brunner, New York, N. Y. Coin-actuated vending-machine	819,422	May 1	778	167-8	122	176
Green, Joseph W. (See Green, Josephus H., assignor.)						
Green, Josephus H., Marietta, assignor to J. W. Green, Lancaster, Ohio. Anvil	826,499	July 17	3697	766	123	972
Green, Louella W., Audubon, Iowa. Hose-supporter	818,759	Apr. 24	4443	952	121	2493
Green, Oliver H. P., and D. Carpenter, Orion, Mich. Lock	816,792	Apr. 3	471	105	121	1461
Green, Rutger B., Detroit, Mich. Conveying system	825,532	July 10	1742	367	123	467
Green, Samuel, et al. (See Coffin, Edward F., assignor.)						
Green, Stanley K., Baltimore, Md. Apparatus for detaching the heads from the bodies of sheet-metal cans	809,108	Jan. 2	977	202	120	216
Green, Stanley K., Baltimore, Md. Treating oxidized tinned sheets or surfaces	813,147	Feb. 20	3264	120	120	2287
Green, Theodore L., Memphis, Tenn. Building-column	817,241	Apr. 10	1377	289	121	1724
Green, Thomas, La Fayette, Ind. Car stake and load-binding device	819,216	May 1	363	79	122	87
Green, Willard R., Muscatine, Iowa. Absorbent bandage and material therefor	810,115	Jan. 16	3034	631	120	753
Green, Willard R., Muscatine, Iowa. Absorbent material	810,136	Jan. 16	3079	636	120	759
Green, Willard R., Muscatine, Iowa. Absorbent material	810,137	Jan. 16	3082	637	120	759
Green, Willard R., Muscatine, Iowa. Absorbent material	810,138	Jan. 16	3084	637	120	760
Green, Willard R., Muscatine, Iowa. Absorbent material and fiber-stock therefor	810,139	Jan. 16	3086	637	120	760
Green, Willard R., Muscatine, Iowa. Absorbent bandage	810,371	Jan. 16	3577	736	120	865
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,116	Jan. 16	3037	631	120	753
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,117	Jan. 16	3038	632	120	753
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,118	Jan. 16	3040	632	120	754
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,119	Jan. 16	3042	632	120	754
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,120	Jan. 16	3044	632	120	754
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,121	Jan. 16	3047	633	120	754
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,122	Jan. 16	3049	633	120	754
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,123	Jan. 16	3051	633	120	755
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,124	Jan. 16	3053	633	120	755
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,125	Jan. 16	3055	634	120	755
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,126	Jan. 16	3058	634	120	756
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,127	Jan. 16	3060	634	120	756
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,128	Jan. 16	3062	634	120	756
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,129	Jan. 16	3065	635	120	757
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,130	Jan. 16	3068	635	120	757
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,131	Jan. 16	3069	635	120	757

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr'g.	Vol.	Page.
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,132	Jan. 16	3072	635	120	758
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,133	Jan. 16	3074	636	120	758
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,134	Jan. 16	3076	636	120	759
Green, Willard R., Muscatine, Iowa, assignor to American Absorbent Fiber Company, Portland, Me. Absorbent bandage	810,135	Jan. 16	3078	636	120	759
Green, William. (See Lee, Frank, assignor.)						
Green, William E. (See Moore, Francis A., assignor.)						
Green, William F., Modesto, Cal. Dental-disk shield	823,167	June 12	1891	389	122	2188
Green, William W., Newcreek, W. Va. King-bolt coupling	811,496	Jan. 30	5806	1216	120	1417
Green, William W., Niles, Mich. Railway-tie	829,203	Aug. 21	3069	645	123	2501
Greenawalt, David F., York, Pa. Display-cabinet	835,611	Nov. 13	1467	313	125	414
Greenawalt, John E., Denver, Colo. Chloridizing apparatus	837,560	Dec. 4	556	130	125	1494
Greenawalt, John E., Denver, Colo. Porous-hearth furnace	839,064	Dec. 18	3490	755	125	2303
Greenawalt, John E., Denver, Colo. Treating ores	839,065	Dec. 18	3492	755-6	125	2303
Greenawalt, Peter C., Reading, Pa. Hinge	828,649	Aug. 14	1921	403	123	2177
Greenaway Company. (See Marsh, Elon A., assignor.)						
Greenbank, William G. (See Spriggs, Thomas, assignor.)						
Greenberg, Leon, New York, N. Y. Advertising device	822,734	June 5	1014	207	122	1951
Greene, Edgar M. (See Iwanami, Takao, assignor.)						
Greene, Frank W. (See Emerson, Ono B., assignor.)						
Greene, Frank W., and O. B. Emerson, Waterville, Minn. Car-seal	834,200	Oct. 23	4620	981	124	2471
Greene, George B., Courtland, Cal. Grinder for cultivator disks and tools	823,857	June 19	3259	690-1	122	2546
Greene, George F., Detroit, Mich. Concrete or cement post or analogous structure	810,050	Jan. 16	2919	608	120	726
Greene, George F., Detroit, Mich. Fence-post	835,885	Nov. 13	1967	417	125	535
Greene, Glenn G., Warren, Pa. Hame-fastener	812,649	Feb. 13	2277	495	120	2028
Greene, Harry S., Woonsocket, R. I. Napping-machine	810,273	Jan. 16	3374	698	120	819
Greene, Henry H., Milwaukee, Wis. Temporary hinge	817,845	Apr. 17	2576	554	121	2034
Greene, Jacob R., Jr., assignor of one-sixth to E. Vezie, one-third to J. Winsor, Washington, and one-sixth to C. R. Ballard, Midway, Pa. Boiler-cleaning compound	824,112	June 26	3723		122	2704
Greene, James G. (See Knupp and Greene.)						
Greene, James J., Memphis, Tenn. Plumb and level	824,985	July 3	621	125	123	163
Greene, Lonzo V., Webster, Mass. Safety block-signal	827,628	July 31	6087	1261-2	123	1598
Greene, Samuel L., New York, N. Y. Collapsible vehicle	825,313	July 10	1252	264	123	344
Greene, Tweed & Company. (See Carver, George W., assignor.)						
Greene, Will C., Watertown, N. Y. Acetylene dash-lamp	834,572	Oct. 30	5352	1136	124	2700
Greene, William H., Prophetstown, Ill. Automatic device for photographic purposes	809,369	Jan. 9	1531	311	120	371
Greenebaum, Abraham H., Baltimore, Md., assignor to Alma Manufacturing Company. Automatic cutting, forming, and assembling machine	835,065	Nov. 6	390	79-80	125	102
Greener, Charles T., Faulkton, S. D. Brush holder and scraper	810,640	Jan. 23	4160	859	120	1030
Greenfield, Edwin T., Monticello, N. Y. Mechanism for constructing flexible metal tubes and armoring flexible hose or other tubes	809,561	Jan. 9	1923	399-400	120	456
Greenfield, Edwin T., Monticello, N. Y. Machine for forming metal tubes	817,056	Apr. 3	1008	206-8	121	1583
Greenfield, Edwin T., Monticello, N. Y. Flexible metallic tube	817,057	Apr. 3	1014	209	121	1583
Greenfield, Edwin T., Monticello, N. Y. Coupling for armored hose	817,058	Apr. 3	1015	209	121	1583
Greenfield, Edwin T., Monticello, N. Y. Flexible tube	817,059	Apr. 3	1017	209	121	1584
Greenfield, Edwin T., Monticello, N. Y. Hose	817,060	Apr. 3	1018	209	121	1584
Greenfield, Edwin T., Monticello, N. Y. Junction-box	830,316	Sept. 4	839	172	124	210
Greenfield, Edwin T., Monticello, N. Y. Junction-box	830,317	Sept. 4	841	173	124	210
Greenfield, Edwin T., Kiamasha, N. Y. Machine for making tubing	838,179	Dec. 11	1823	390-1	125	1854
Greenfield, Edwin T., Kiamasha, N. Y. Hose	839,380	Dec. 25	4157	890	125	2513
Greenfield, Edwin T., Kiamasha, N. Y. Tubing	839,381	Dec. 25	4159	891	125	2513
Greenfield, Joseph. (See Easton and Greenfield.)						
Greenky, Louis, New York, N. Y. Support for hoisting devices	810,274	Jan. 16	3374	699	120	820
Greenland, Robert C., Connellsville, assignor of one-half to J. M. Kelly, Pittsburg, Pa. Drain-cock or water-faucet	829,069	Aug. 21	2763	581	123	2422
Greenlaw, Warren A., Boston, assignor of one-half to W. W. Blair, Newton, Mass. Flexible joint for pipes	812,202	Feb. 13	1395	303	120	1843
Greenleaf, Abner, Baltimore, Md., assignor to Mergenthaler Linotype Company, New York, N. Y. Typographic machine	834,123	Oct. 23	4473	950	124	2434
Greenough, John J., Brookline, Mass. Type-writer	835,133	Nov. 6	520	105	125	134
Greenshields, James M., Binscarth, Canada. Stubble-cutting attachment	829,330	Aug. 21	3325	699-700	123	2563
Greenstreet, Jason H., Indianapolis, Ind. Receptacle	828,400	Aug. 14	1424	300	123	2049
Greenstreet, Jason H., Indianapolis, assignor to Protection Paper Company, Evansville, Ind. Paper	827,863	Aug. 7	341		123	1755
Greenthaler, Frank, Gutenberg, N. J. Tar-lined leader and pipe	811,288	Jan. 30	5448	1135	120	1343
Greenwald, Carrie M., New York, N. Y. Catamenial sack	825,122	July 3	859	178	123	227
Greenwald, Charles E. (See Leatherman, Franklin T., assignor.)						
Greenwald, Jacob O., Milwaukee, Wis. Credit-system apparatus	820,713	May 15	3404	728	122	877
Greenwald, Louis, deceased, Longview, Tex.; S. Greenwald, administratrix. Watch-pocket	827,010	July 24	4701	980	123	1237
Greenwald, Saline, administratrix. (See Greenwald, Louis.)						
Greenwalt, Charles J. (See Makowski, John F., assignor.)						
Greenway, Richard J., Jr., Westerly, R. I., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Attachment for ink-fountains of printing-presses	814,037	Mar. 6	78	14	121	18
Greenwood, Edgar and J., Bradford, England. Dabbing mechanism used in wool-combing or the like	838,321	Dec. 11	2094	453	125	1918
Greenwood, Ernest. (See Kip and Greenwood.)						
Greenwood, George W., Cleveland, Ohio. Pressure-exerting machine	814,955	Mar. 13	1890	397-8	121	469
Greenwood, George W., Cleveland, Ohio. Clutch	815,010	Mar. 13	2012	423-4	121	493
Greenwood, Jasper L., Hoboken, N. J. Latch	813,376	Feb. 20	3707	815	120	2379
Greenwood, John E., Utica, N. Y. Trolley-head and current-collector	817,846	Apr. 17	2578	554-5	121	2035
Greenwood, Joseph. (See Greenwood, Edgar and J.)						
Greenwood, Samuel G., Oshkosh, Wis. Educational appliance	831,154	Sept. 18	2535	534-5	124	692
Greer Filter Company. (See Greer, James B., assignor.)						
Greer, Fredric. (See Dorff, Conrad J., assignor.)						
Greer, James B., Pittsburg, assignor to Greer Filter Company, Philadelphia, Pa. Strainer for filters	815,290	Mar. 13	2583	543	121	623
Greer, James B., Pittsburg, assignor to Greer Filter Company, Philadelphia, Pa. Apparatus for purifying water	838,535	Dec. 18	2518	545	125	2066
Greer, Limvel R., assignor of one-half to E. Snipes, Albion, Ark. Attachment for cultivators	835,676	Nov. 13	1578	337	125	441
Greer, William E., Akron, assignor of one-half to G. H. Conrad, Coventry township, Summit county, Ohio. Vehicle-wheel	824,241	June 26	3989	854	122	2761

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drawg.	Vol.	Page.
Greer, William K., assignor to Arnold Print Works, North Adams, Mass. Producing lappet figures upon woven fabrics, &c.	830,223	Sept. 4	656	131	124	166
Greedy, Jules. (See Greedy, Matthew J. and J.)						
Greedy, Jules, Omaha, Nebr. Grain-door for railway-cars.	825,965	July 17	2617	544	123	700
Greedy, Matthew J. and J., Omaha, Nebr. Graphophone attachment.	820,642	May 15	3255	700	122	845
Greg, Henry P., Manchester, England, assignor to Draper Company, Hopedale, Mass. Dynamometer for spindle-bands.	836,752	Nov. 27	3718	793	125	1051
Gregg, Alexander, Detroit, Mich. Window-screen.	818,162	Apr. 17	3219	692	121	2176
Gregg Company. (See Gregg, William C., assignor.)						
Gregg, John H., and A. J. Williams, Warsaw, Pa. Envelop.	821,484	May 22	5028	1071	122	1296
Gregg, William C., Newburgh, N. Y., assignor to Gregg Company, Ltd. Railway-tie fastening.	826,242	July 17	3148	654	123	829
Gregory, Charles W., Jr., Bristol, England. Compressible packing for wood-block road- paving.	810,529	Jan. 23	3945	812	120	983
Gregory, Claude C., Jackson, Ga. Fruit-canning boiler.	831,718	Sept. 25	3684	771	124	1026
Gregory, Fred L., assignor to Innovate Manufacturing Company, Chicago, Ill. Adjust- able suspension device.	815,422	Mar. 20	2924	607	121	745
Gregory, George W. (See Martin, Morris, assignor.)						
Gregory, Henry R., New York, assignor to W. A. Ker, Brooklyn, N. Y. Thin leaf or fabric and making same.	826,781	July 24	4269		123	1133
Gregory, Julius, Weehawken, N. J. Delivery device.	814,368	Mar. 6	747	151	121	165
Gregory, Mary E., Norwalk, Conn. Nursing-bottle holder.	815,815	Mar. 20	3711	782	121	914
Gregory, Richard K., Greensboro, N. C. Egg-crate.	836,029	Nov. 13	2205	472	125	592
Gregory, Silas A. (See Knowles and Gregory.)						
Gregory, Walter. (See Lafever and Gregory.)						
Gregory, Walter. (See Paterson and Gregory.)						
Gregory, Walter, trustee. (See Richardson, John S., assignor.)						
Gregory, Walter, Minneapolis, Minn. Means for operating gang-plows.	819,423	May 1	781	168-9	122	177
Gregory, William, and C. Hewitt, Paterson, N. J. Traverse-guide for doubling and twisting machines.	829,467	Aug. 28	3638	764	123	2688
Gregory, William, and C. Hewitt, Paterson, N. J. Doubling and twisting machine.	833,321	Oct. 16	2636	554	124	1945
Greif, Louis M., Cleveland, Ohio. Manufacturing cleats for barrels.	833,382	Oct. 16	2753	580	124	1974
Greig, Susan, and M. Mawson, Toronto, Canada. Skirt evener and measurer.	820,567	May 15	3140	675	122	820
Greiner, William R., Marlboro, N. Y. Closure device for jars and other vessels.	827,096	July 31	4912	1024	123	1304
Greist, John M., deceased, New Haven, Conn., M. F. W. and P. R. Greist, administra- tors, assignors to Greist Manufacturing Company. Belt-coupling.	822,891	June 5	1308	270	122	2012
Greist, John M., deceased, New Haven, Conn., M. F. W. and P. R. Greist, administra- tors, assignors to Greist Manufacturing Company. Sewing-machine ruffler.	822,892	June 5	1309	270	122	2012
Greist Manufacturing Company. (See Greist, John M., assignor.)						
Greist, Mary F. W., et al., administrators. (See Greist, John M.)						
Greist, P. Raymond, et al., administrators. (See Greist, John M.)						
Grelck, Heinrich, Barmstedt, Germany. Saw.	820,969	May 22	3989	847	122	1069
Grellner, Christopher J. (See Spencer, George M., assignor.)						
Gremple, Charles W., New York, N. Y. Record or index card.	834,294	Oct. 30	4834	1022	124	2570
Gresham, Ernest G., Dunedin, New Zealand. Pneumatic knee-pad.	830,661	Sept. 11	1570	323	124	422
Gressom, James H., North Hudson, Wis. Vehicle running-gear.	815,527	Mar. 20	3110	650	121	784
Greth, John C. W., Pittsburg, Pa. Fluid-feeding apparatus.	831,059	Sept. 18	2341	494	124	650
Greth, John C. W., Pittsburg, Pa. Filter strainer-nozzle.	837,902	Dec. 4	1230	271	125	1659
Grether, John L., assignor to Automatic Sash Balance Company, St. Louis, Mo. Sash- lock.	832,664	Oct. 9	1302	262	124	1567
Gretttum Ingebrigt, and O. L. Young, Duluth, Minn. Electric heating device.	824,643	June 26	4788	1020	122	2932
Greuter, Charles R., assignor to Matheson Motor Car Company, Wilkes-Barre, Pa. Starting device for explosion-engines.	838,398	Dec. 11	2252	487	125	1956
Greuter, Charles R., assignor to Matheson Motor Car Company, Wilkes-Barre, Pa. In- ternal-combustion engine.	838,399	Dec. 11	2255	487	125	1956
Greve, Nielson S., Plainfield, N. J. Carrying-chest for mechanics' tools.	834,721	Oct. 30	5659	1200	124	2779
Grey, Elmer H. (See Poole, Frederick C., assignor.)						
Grey, George. (See Heap and Grey.)						
Grey, Henry, assignor to American Universal Mill Company, New York, N. Y. Ingot- mold.	818,684	Apr. 24	4272	918	121	2455
Grey, James M., Burnley, England. Weft-replenishing mechanism for looms.	810,406	Jan. 23	3691	759-61	120	924
Grey, Louis G. (See Werner, Harry C., assignor.)						
Grey, Sylvester P., assignor to Machinery Exchange, Indianapolis, Ind. Furnace.	811,557	Feb. 6	36	8-9	120	1492
Gribbin, James, Frankford, Pa. Fly-catcher.	822,735	June 5	1015	208	122	1951
Gribbin, John S., assignor of one-half to J. McKean, Benella, Victoria, Australia. Sash- support.	838,180	Dec. 11	1828	391	125	1855
Grice, Arthur G., Carnoustie, Scotland. Stone-sawing machinery.	817,847	Apr. 17	2579	555-6	121	2035
Grice, George, and C. J. Barrow, Birmingham, England. Cigar and cigarette holder.	820,777	May 15	3524	755	122	904
Gridley, Albert T. (See Rudel, William F., assignor.)						
Grieb, Alfred. (See Diehl and Grieb.)						
Grier, Monroe, Pattonville, assignor of one-half to A. C. Kunze, St. Louis, Mo. Motor- vehicle.	834,008	Oct. 23	4207	892-3	124	2366
Griese, Richard, Berlin, Germany. Making an internal remedy.	824,539	June 26	4583		122	2887
Grieshaber, Hugo E., Quincy, Mass., assignor to Electric Boat Company, Bayonne, N. J. Revolving torpedo-tube cap.	820,925	May 15	3874	825	122	981
Griess, Justin, Jr. (See Kaltenbach and Griess.)						
Griesser, Wilhelm, Joplin, Mo. Metallic railway-tie.	814,840	Mar. 13	1694	354	121	428
Griesser, Wilhelm, Joplin, Mo. Metallic railway-tie.	814,841	Mar. 13	1696	355	121	429
Griesser, Wilhelm, Joplin, Mo. Metallic railway-tie.	814,842	Mar. 13	1697	355	121	429
Griesser, Wilhelm, Joplin, Mo., assignor to O. Koehn, New York, N. Y. Grain-drier.	819,424	May 1	784	169-70	122	177
Grievies, Albert, Springfield, Ohio, assignor to International Harvester Company. Band- brake.	837,299	Dec. 4	49	14	125	1366
Griffin, George H., et al. (See Adams, William L., assignor.)						
Griffin, Allen E., Oberlin, Ohio. Wire-screen holder.	838,400	Dec. 11	2257	488	125	1957
Griffin, Alvah M., Kansas City, Mo. Twisting mechanism for bale-tie machines.	827,064	July 24	4824	1005	123	1267
Griffin, Alvah M., Kansas City, Mo. Loop-forming mechanism for bale-tie machines.	827,065	July 24	4826	1005	123	1268
Griffin, Alvah M., assignor to New Process Steel & Wire Company, East St. Louis, Ill. Bale-tie machine.	809,943	Jan. 16	2668	551-2	120	672
Griffin, Benjamin, Adrian, assignor to A. M. Keeney, Ann Arbor, Mich. Metal-fence tie.	814,369	Mar. 6	751	151	121	166
Griffin, Burdett W., assignor to American Street Sign Company, Toledo, Ohio. Street- sign.	817,061	Apr. 3	1020	210	121	1584
Griffin, Charles W., assignor to Taylor, Stiles & Company, Riegelsville, N. J. Rag- shredder.	827,439	July 31	5646	1170-1	123	1486
Griffin, Clarence W. (See Spatz, John F., assignor.)						
Griffin, Claud C., Atascosa, Tex. Pipe-grip.	827,011	July 24	4702	980	123	1238
Griffin, George A., Brooklyn, N. Y. Eyeglasses and spectacles.	829,268	Aug. 21	3201	672	123	2533

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Griffin, George T. (See Rodrigues, Frank H., assignor.)						
Griffin, Gerard F. (See Corthésy, Jules H., assignor.)						
Griffin, Henry W., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.	820,411	May 15	2810	612-13	122	748
Griffin, Henry W., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signal system.	820,412	May 15	2818	614	122	749
Griffin, Henry W., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.	820,413	May 15	2822	614-15	122	750
Griffin, Ira J., Ossining, N. Y. Nut-lock.	827,629	July 31	6088	1262	123	1598
Griffin, James C., Erie, Pa. Hasp.	818,685	Apr. 24	4276	918	121	2456
Griffin, John J., Sparks, Ga. Copy-holder.	830,991	Sept. 11	2183	461	124	578
Griffin, John W., Pawtucket, R. I. Automatic fire-alarm.	821,098	May 22	4255	905	122	1125
Griffin, Larry, Wilson, N. C. Fertilizer-distributor.	832,254	Oct. 2	486	91	124	1330
Griffin, Thomas D. (See Nunn and Griffin.)						
Griffin, Tobias C. (See Hatfield, Wallace O., assignor.)						
Griffin, Walter T., Plainfield, N. J. Making and burning fuel-gas.	816,314	Mar. 27	4715	1001	121	1184
Griffin, William C., Verdigris, Nebr. Threader and cutter.	811,774	Feb. 6	448	97	120	1583
Griffith, Edwin, and W. E. Logan, Washington, Iowa. Bedstead.	822,117	May 29	6259	1332	122	1628
Griffith, Horace S., Glen Riddle, Pa. Terry-loom.	812,788	Feb. 13	2531	556	120	2081
Griffith, Jacob K., Latrobe, Pa. Manufacture of car-wheels.	838,981	Dec. 18	3326	719	125	2260
Griffith, Lawrence, Yonkers, N. Y. Electric switch and signal apparatus.	813,882	Feb. 27	4718	1044	120	2659
Griffith, Lawrence, Yonkers, N. Y. Electric signal apparatus.	814,535	Mar. 6	1076	222	121	233
Griffith, Lawrence, Yonkers, N. Y. Safety device for railway switch and signal apparatus.	814,537	Mar. 6	1080	223	121	235
Griffith, Luther H. (See Moran and Griffith.)	814,658	Mar. 6	1311	276	121	283
Griffith, Robert, <i>et al.</i> (See Lundin, Oliver, assignor.)						
Griffith, Samuel N., Chicago, Ill. Railway-tie.	812,991	Feb. 20	2937	647	120	2215
Griffith, Stanton, Beloit, Wis. Molding-machine.	825,824	July 10	2356	492	123	620
Griffith, William H., Worthington, Ind. Lifting-jack.	812,128	Feb. 6	1182	259	120	1730
Griffiths, Albert F. (See Rattenbury and Griffiths.)						
Griffiths, Daniel D., assignor of one-half to E. E. Laughlin, Chicago, Ill. Vehicle-wheel rim.	833,520	Oct. 16	3052	647	124	2043
Griffiths, G. B., <i>et al.</i> (See Duff, Hugh Y. B., assignor.)						
Griffiths, George, Los Angeles, Cal. Production of heat and smudge.	814,646	Mar. 6	1284	270	121	277
Griffiths, George, Los Angeles, Cal. Smudge and heat drum.	837,621	Dec. 4	685	157	125	1524
Griffiths, George J. (See Cross and Griffiths.)						
Griffiths, George J., and E. M. Ingersoll, Woodstock, assignors to Oliver Typewriter Company, Chicago, Ill. Type-writer carriage.	829,106	Aug. 21	2846	597-8	123	2445
Griffiths, Robert T. (See Dewhurst, Moore, and Griffiths.)						
Griffiths, Walter J. (See Dewett and Griffiths.)						
Griffiths, William U., Philadelphia, Pa. Flushing apparatus for outdoor water-closets.	810,936	Jan. 30	4755	990	120	1192
Griffiths, William U., Philadelphia, Pa. Flushing apparatus for water-closets.	812,992	Feb. 20	2938	647	120	2215
Grignon, Joseph J., Ste. Scholastique, Canada. Fishing-reel.	827,972	Aug. 7	558	114	123	1810
Grigsby, Cecil L. (See Barkeley and Grigsby.)						
Grigsby, William W., assignor of one-half to W. S. Wilkinson, New Orleans, La. Crib.	814,538	Mar. 6	1083	223	121	235
Grill, John, Jr., Franklin township, Summit county, Ohio. Fodder-binder.	813,646	Feb. 27	4252	934	120	2559
Grille, Charles J. A., Paris, France. Steam-generator.	834,903	Nov. 6	58	11	125	17
Grillier, Georges, assignor to Automobile Importing Company, Chicago, Ill. Antivibration device for vehicles.	809,501	Jan. 9	1815	374	120	433
Grillon, Léon, Lausanne, Switzerland. Station-indicator.	823,597	June 19	2765	585	122	2437
Grim, Charles G. (See Morrice and Grim.)						
Grime, George. (See Bolton, John T., assignor.)						
Grimes, Alvah E. (See Murphy, John J., assignor.)						
Grimes, Burnard M. (See Trump and Grimes.)						
Grimes, Frank V., Centralia, Wash. Cattle-guard.	818,883	Apr. 24	4673	1003	121	2541
Grimes, Harry C., Terra Alta, W. Va. Gas-regulator.	825,718	July 10	2163	452	123	574
Grimes, Howard, Newcomb, N. Y. Snow-plow.	821,634	May 29	5312	1133-4	122	1415
Grimes, Thaddeus S., assignor to E. Van Winkle, Atlanta, Ga. Pneumatic cotton-elevator.	823,858	June 19	3262	691	122	2547
Grimm, Gerhardt E., Philadelphia, Pa. Guard for the mouthpieces of telephone-transmitters.	823,494	June 12	2556	538	122	2331
Grimm, Kari A. (See Hallaschka and Grimm.)						
Grimm, Paul H., assignor to E. R. Ladew, Glen Cove, N. Y. Combined leather heating and stuffing apparatus.	836,876	Nov. 27	3944	842-3	125	1110
Grimm, Rudolf, Vienna, Austria-Hungary. Sectional girder and column of reinforced concrete.	818,884	Apr. 24	4674	1003	121	2541
Grimm, Stephen D., assignor of one-third to G. W. Marshall, Concordia, Kans. Mowing-machine.	825,825	July 10	2357	492	123	621
Grimm, William. (See Elwell and Grimm.)						
Grimme, Emanuel, Dittersbach, Germany. Armor for cycle-tires.	821,868	May 29	5778	1231	122	1518
Grindy, Frederick, Fall River, Mass. Rocking stand.	819,878	May 8	1679	360	122	439
Grings, Casper H., assignor of one-half to Dubuque Harness and Saddlery Company, Dubuque, Iowa. Harness-pad.	834,201	Oct. 23	4623	981-2	124	2472
Grinnell, Frederick, New Bedford, Mass., assignor to General Fire Extinguisher Company, New York, N. Y. Valve apparatus.	817,911	Apr. 17	2722	591	121	2067
Grinnell, Harold D., New York, N. Y. Drawing-board.	832,967	Oct. 9	1905	397	124	1710
Gripping, Walter D., Binghamton, N. Y. Window-shade bracket.	838,181	Dec. 11	1830	391	125	1856
Griscom, Alfred C., Newark, N. J., assignor to Griscom Lehigh Manufacturing Company, New York, N. Y. Means for automatically controlling the operation of beer or other pumps and similar devices.	818,686	Apr. 24	4277	918-19	121	2456
Griscom Lehigh Manufacturing Company. (See Griscom, Alfred C., assignor.)						
Grismore, Oscar, McCook, Nebr. Spout for sifting-machines.	823,117	June 12	1790	369	122	2165
Griswold, Chester, New York, N. Y. Woven-wire fencing.	827,440	July 31	5649	1171	123	1487
Griswold, George W., Manomet, assignor to Standard Game and Toy Company, Taunton, Mass. Croquet apparatus.	810,853	Jan. 23	4542	946	120	1114
Griswold, Joseph M., Detroit, Mich. Railway cross-tie.	826,566	July 24	3855	798	123	1025
Griswold, Marius E., Chicago, Ill. Wrench.	814,201	Mar. 6	388	78	121	85
Griswold, Robert G., and W. T. Donovan, Quincy, Mass. Laundry blue.	824,294	June 26	4079		122	2780
Grobon, César. (See Garnier and Grobon.)						
Grocott, Willis W., St. Louis, Mo. Spoon.	838,401	Dec. 11	2258	488	125	1957
Groel, Adam H., Orange, N. J., assignor to Spool Cotton Company. Combined weight and flie for spool-holders.	815,956	Mar. 27	3997	847	121	1026
Groesbeck, Glendinning B., Cincinnati, Ohio. Combination cigarette and match case.	837,466	Dec. 4	380	87	125	1451
Groesbeck, Telford, Cincinnati, Ohio. Apparatus for separating metals and ores.	834,722	Oct. 30	5661	1200	124	2780
Groesbeck, Walter D., Washington, D. C. Toy.	830,783	Sept. 11	1813	376	124	486

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Pages.
Groff, Charles R., St. Paul, Minn., assignor, by mesne assignments, to Laundry Blue Company. Laundry bluing.....	826,567	July 24	3856	.....	123	1026
Groff, Franklin L., New York, N. Y. Bed-spring.....	824,295	June 26	4080	.....	122	2780
Groff, John W., Albion, Mich. Ship's davit.....	810,854	Jan. 23	4543	946	120	1114
Grogan, Archibald, London, assignor to L. H. Webber, Onslow Gardens, England. Artificial hand.....	809,797	Jan. 9	2383	492-3	120	556
Grohens, Albert P., Marshall, Mich. Hulling mechanism.....	831,663	Sept. 25	3575	750	124	997
Grohmann, Carl L., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	818,243	Apr. 17	3389	727	121	2210
Gronau, William F. (See Reynolds and Gronau.)						
Gröndal, Gustaf, Djursholm, Sweden. Apparatus for magnetic separation of iron ore.....	812,170	Feb. 6	1301	284	120	1754
Gröndal, Gustaf, Djursholm, Sweden. Magnetic ore-separator.....	812,171	Feb. 6	1303	285	120	1755
Gröndal, Gustaf, Djursholm, Sweden. Magnetic separation of iron ore.....	812,172	Feb. 6	1304	285	120	1755
Gröndal, Gustaf, Djursholm, Sweden. Magnetic ore-separator.....	812,173	Feb. 6	1306	285	120	1755
Gröndal, Gustaf, Djursholm, Sweden. Manufacturing iron sponge.....	812,174	Feb. 6	1307	285-6	120	1756
Grönvald, Louis J., Chicago, Ill. Invalid-bedstead.....	811,713	Feb. 6	340	74	120	1561
Grönvald, Andreas, New Haven, assignor of one-half to C. A. Bradley, Woodbridge, Conn. Boiler-flue cleaner.....	808,982	Jan. 2	723	156	120	160
Gronwald, Hugo, Berlin, Germany. Pasteurizing beer.....	810,745	Jan. 23	4338	902	120	1069
Gronwald, Hugo, Berlin, Germany. Preserving cork.....	830,831	Sept. 11	1898	396	124	509
Groo, Howard H., Biggins, Wyo. Stacking apparatus.....	837,300	Dec. 4	51	15	125	1366
Groom, Wallace P., New York, N. Y. System of ventilating railway tunnels or subways.....	832,856	Oct. 9	1701	350-1	124	1662
Groom, Wallace P., Brooklyn, N. Y. Power-storage and safety device for elevators.....	838,322	Dec. 11	2096	454	125	1918
Grooms, John W., Tyler, Ind. Ter. Baling-press.....	839,322	Oct. 16	2638	554	124	1945
Grosbernt, Frederick H. (See Tredtin and Grosbernt.)						
Grösche, Friedrich, Ilmenau, Germany. Apparatus for shaking thermometers.....	823,859	June 19	8263	691	122	2547
Groscop, John. (See Borst and Groscop.) (Reissue.)						
Grose, Nuna, St. Louis, Mo. Abdominal supporter.....	810,407	Jan. 23	3695	761	120	925
Grose, William M., assignor of one-half to M. Gaffney, Kenosha, Wis. Bed-bottom.....	837,923	Dec. 11	1278	280	125	1714
Groshon, John A., New York, N. Y. Turbine-engine.....	824,113	June 26	3724	795-6	122	2704
Groshon, John A., New York, N. Y. Steam pumping-engine.....	827,149	July 31	5041	1051	123	1338
Gross, August, and A. C. Horn, New York, N. Y.; said Gross assignor to said Horn. Waterproofing buildings, &c.....	822,602	June 5	752	152	122	1894
Gross, Heinrich, Düsseldorf, Germany. Machine for cutting cheese.....	827,305	July 31	5346	1109	123	1413
Gross, Howard H. (See Batten, Percy H., assignor.)						
Gross, Robert, Rastenberg, Thuringia, assignor to Ferro-Phosphat-Gesellschaft Emilio Schramm & Co., Hamburg, Germany. Making medicines.....	816,547	Mar. 27	5224	.....	121	1294
Grosshauser, Charles C., Shakopee, Minn. Vehicle.....	814,780	Mar. 13	1578	333	121	404
Grossman, Ignatz, New York, N. Y. Bed-bottom.....	822,443	June 5	405	84	122	1813
Grossman, Samuel, New York, N. Y. Stair.....	829,107	Aug. 21	2850	598	123	2446
Grossmann, Albert, Brooklyn, N. Y. Hydraulic-pressure regulator for cane-mills.....	831,786	Sept. 25	3798	795-6	124	1055
Grossmann, Rudolph C., Jersey City, N. J., assignor to S. Aufhauser, New York, N. Y. Machine for forming finger-rings.....	818,620	Apr. 24	4154	893	121	2429
Grosvenor, Graham B., New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Combined emergency and main brake.....	837,400	Dec. 4	245	61-2	125	1418
Groth, Hans H., Cincinnati, Ohio. Medical applicator.....	814,038	Mar. 6	79	15	121	19
Grouvelle, Jules, and H. Arquembourg, Paris, France. Grating for facilitating the flow of fluids.....	822,736	June 5	1016	208	122	1952
Grouvelle, Jules, and H. Arquembourg, Paris, France. Means for regulating the speed of internal-combustion engines.....	832,901	Oct. 9	1787	369	124	1683
Grove, Albert H., assignor of one-half to H. S. Wolf, Indianapolis, Ind. Sign-board.....	824,860	July 3	365	69	123	100
Grove, Arthur J. (See Grove, George F. and A. J.)						
Grove, Etoile I., Titusville, Pa. Spittoon.....	839,133	Dec. 25	3683	794	125	2398
Grove, George F. and A. J., Halesowen, England. Press-tool for the manufacture of push-buttons.....	827,799	Aug. 7	226	45-6	123	1727
Grove, George H., Hummelstown, Pa. Railway-rail joint.....	815,159	Mar. 13	2327	486	121	564
Grove, George H., Hummelstown, Pa. Railway tie and rail.....	828,401	Aug. 14	1425	301	123	2049
Grove, George W., assignor of one-half to H. S. Zimmerman, Clyde, Ohio. Velocipede.....	827,012	July 24	4702	980	123	1238
Grover, Frederick, assignor to Forgrove Machinery Company, Limited, Leeds, England. Labeling and wrapping machine.....	822,118	May 29	6260	1333	122	1628
Grover, Zenas T., South New Berlin, N. Y. Attachment for phonographs.....	811,633	Feb. 6	202	43	120	1529
Groves, Hiram C., Woodward, Okla. Ter. Ore-separator.....	820,568	May 15	3141	676	122	820
Grubb, Julian H., et al. (See Schooley and Casey, assignors.)						
Grubb, Samuel J., Dooley, Va. Tie-plate or seat for railway-rails.....	818,370	Apr. 17	3625	778	121	2260
Grubbs, J. A. (See Kaufman, George H., assignor.)						
Grubbs, Owen W., et al. (See Voigtlander, Maximilian G., assignor.)						
Gruber, Joseph, Newark, N. J. Decorating device.....	811,393	Jan. 30	5630	1179	120	1382
Gruber, Joseph, assignor of one-half to A. Schumacher, Milwaukee, Wis. Mortising-tool.....	832,255	Oct. 2	488	91	124	1331
Gruenberg, Aaron, New York, N. Y. Cigar-marker.....	820,044	May 8	2085	455	122	528
Gruenther, Christian M. (See Parker, Albert G., assignor.)						
Grummer, Edward, Luzerne, Iowa. Brooder.....	826,932	July 24	4562	940	123	1205
Gründl, John, Pittsburg, Pa. Trolley.....	826,782	July 24	4270	888	123	1133
Grundman, F. W. (See Reily, John P., assignor.)						
Grüneberg, Carl, Pozsony, Austria-Hungary. Machine for boring and filling brush-backs.....	828,473	Aug. 14	1578	333-4	123	2089
Gruener, Julius, Tower, Minn. Calculating or computing machine.....	823,525	June 19	2637	554	122	2409
Gruener, Robert, Louisville, Ky. Shaft and pole coupling for wagons.....	810,641	Jan. 23	4162	859	120	1030
Grünwald, Carl A., Hanover, Germany. Letter-file.....	826,243	July 17	3149	654	123	829
Grünwald, Charles E., St. Louis, Mo. Spirit-level.....	839,751	Dec. 25	4925	1052	125	2699
Grünfeld, Fritz S., Berlin, Germany. Gas igniting and extinguishing device.....	831,060	Sept. 18	2344	494	124	650
Grüniger, Joseph, New York, N. Y. Folding clothes-rack.....	814,370	Mar. 6	752	152	121	166
Grunow, William, Jr. (See Oviatt, Wesley T., assignor.)						
Grünstein, Adolf, Budapest, Austria-Hungary. Apparatus for stamping and shaping dental metal crowns.....	828,109	Aug. 7	845	174	123	1879
Gruver, George W., Healdsburg, Cal. Firearm.....	817,764	Apr. 17	2394	514-15	121	1994
Gruwell, Robert E. (See Wiebke and Gruwell.)						
Gruwell, Robert E., and A. Wiebke, Miles City, Mont. Trace-holder.....	815,423	Mar. 20	2927	607	121	746
Gschwind, Leon, Youngstown, Ohio, assignor to Youngstown Furnace Company. Grate. Guarantee Title and Trust Co., trustee. (See Van Horn, Charles B., assignor.)	815,160	Mar. 13	2329	487	121	564
Guchess, William T. S., assignor to Nichols and Shepard Company, Battlecreek, Mich. Changeable-speed gear for feeder-aprons.....	810,642	Jan. 23	4163	860	120	1030
Guderian, Hugo, Good Thunder, Minn. Feeder for clover-hullers.....	810,937	Jan. 30	4757	990-1	120	1193
Gudex, Valentine A., Milwaukee, Wis. Dental vulcanizer.....	820,045	May 8	2087	455	122	528
Guedel, John, Indianapolis, Ind. Saw.....	810,530	Jan. 23	3946	812	120	983
Guenzel, Edward B., Tracy, Iowa. Shoestring-fastener.....	832,857	Oct. 9	1705	351	124	1663
Guenzler, Charles T., assignor of one-half to E. Kesseling, Detroit, Mich. Tool-rest for turning-lathes.....	839,752	Dec. 25	4926	1052	125	2700

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Guérin, Louis. (See Errani and Guérin.)						
Guérin, P. E. (See Schwarz, Frederick J., assignor.)						
Guernsey, Charles C., assignor to National Glass and Bottle Company, Jersey City, N. J. Multiple cup-mold.	833,047	Oct. 9	2061	433-4	124	1749
Guernsey, Frank J. (See McGill, John J., assignor.)						
Guertin, Victor. (See Oakley, Reuben A., assignor.)						
Guess, Carl H., assignor to Elevator Safety Equipment Company, Buffalo, N. Y. Safety device for elevator-cars.	836,877	Nov. 27	3951	843	125	1112
Guest, Theodore M., Syracuse, N. Y. Parer.	830,710	Sept. 11	1680	345	124	453
Guest, William W., St. Louis, Mo. Engine valve-gear mechanism.	827,234	July 31	5210	1082-3	123	1382
Guffer, Anton, New York, N. Y. Cooking utensil.	814,129	Mar. 6	255	49	121	56
Guggenheim, Max. H., and M. G. Neuburg, Brooklyn, N. Y. Brush.	832,055	Oct. 2	53	13	124	1226
Guhl, Heinrich A. H., Hamburg, Germany. Device for sharpening lead and other pencils.	830,662	Sept. 11	1571	323	124	422
Gührs, Albrecht. (See Gührs, Paul and A.)						
Gührs, Paul and A., Berlin, Germany. Manufacturing zinc alloys.	824,644	June 26	4789		122	2932
Guice, Benjamin J. H., Grapeland, Tex. Garden rake and cultivator.	813,377	Feb. 20	3708	815	120	2380
Guidinger, Joseph, Los Angeles, Cal. Perpetual calendar.	823,723	June 19	3001	636	122	2488
Guilford, Paul S., assignor to Pacific Coast Biscuit Company, Portland, Oreg. Icing-machine.	834,124	Oct. 23	4474	950	124	2435
Guillaume, Henri, Washington, D. C. Game.	836,878	Nov. 27	3952	844	125	1113
Guillaume, Rudolf, Mülheim-on-the-Rhine, assignor to Maschinen und Dampfkessel-fabrik "Guillaume Werke" Gesellschaft mit Beschränkter Haftung, Neustadt-on-the-Rhardt, Germany. Saddle tree or frame.	809,370	Jan. 9	1534	311	120	375
Guillott, James W., Chicago, Ill. Machine for making gaskets.	809,256	Jan. 2	1294	263-4	120	282
Guindollet, Pierre, St. Amand, France. Fastening for horse-collars.	811,714	Feb. 6	341	75	120	1562
Guinter, William S., Jefferson, Wis. Combined fence-making tool.	839,474	Dec. 25	4355	932	125	2560
Gunther, George, Covina, Cal. Fruit-picker's bag.	833,383	Oct. 16	2755	580-1	124	1975
Guinzburg, Victor, New York, N. Y. Hose-supporter.	813,793	Feb. 27	4526	1000	120	2617
Guionneau, Abel, Denver, Colo. Head-motion.	838,982	Dec. 18	3328	720	125	2260
Guiou, James R. (See Guiou, Prior M. and J. R.)						
Guiou, Prior M. and J. R., assignors of one-third to T. J. Stephens, Kansas City, Mo. Umbrella.	824,178	June 26	3852	822	122	2731
Guiry, John, New York, N. Y. Dumping-cart.	831,428	Sept. 18	3064	649	124	825
Guise, David P., assignor to J. H. Guise, Williamsport, Pa. Double-draft kiln.	828,285	Aug. 7	1192	249	123	1964
Guise, Julia H. (See Guise, David P., assignor.)						
Guitar, Odon, Columbia, Mo. Combined clothes washer and wringer.	837,924	Dec. 11	1279	280	125	1714
Guitel, Emile and P. Moreuil, France. Pulley-tackle.	817,848	Apr. 17	2581	556	121	2036
Guitel, Paul. (See Guitel, Emile and P.)						
Gulick, Charles L., Bridgeport, Conn. Percussion-fuse.	823,681	June 19	2930	620	122	2474
Gulick, Frank S., assignor of two-thirds to J. J. Debold and J. B. Hadley, Pittsburg, Pa. Boiler.	834,797	Oct. 30	5826	1236	124	2820
Gulick, James, Norwich, N. Y. Mitten.	824,540	June 26	4584	974	122	2887
Gulley, Otis E. (See Hiatt and Gulley.)						
Gulliford, George L., Bloomington, Ill. Liquid-pistol.	825,270	July 3	1152	243	123	300
Gullum, Charles A., Columbus, Ohio. Piston-packing.	825,455	July 10	1573	326	123	429
Gulnick, Uriah. (See Lane and Gulnick.)						
Gulowsen, Gulow A., Huguenot Park, N. Y. Speed-varying mechanism.	815,345	Mar. 20	2746	572	121	705
Gumbel, Henry C., and N. E. Tyrrell, Kansas City, Mo. Stock-rack for platform-scales.	809,879	May 8	1681	361	122	439
Gummi, Hans, Bautzen, Germany. Truck for railway and tramway vehicles.	827,362	July 31	5455	1134	123	1441
Gump, Leonard B., Toledo, Ohio. Car-reailer.	832,186	Oct. 2	340	63	124	1295
Gump, Frederick, Massillon, Ohio. Combination-gage.	809,562	Jan. 9	1926	400	120	456
Gunz, Albert E., assignor to Twentieth Century Life Saving Automatic Fender Company, Milwaukee, Wis. Car-fender.	838,983	Dec. 18	3329	720	125	2261
Günckel, Winfield O., Terre Haute, Ind. Coal-separator.	838,402	Dec. 11	2259	488	125	1957
Günckel, Winfield O., assignor of one-half to P. N. Staff, Terre Haute, Ind. Air-brake valve.	815,816	Mar. 20	3712	782	121	914
Gunder, Claude A., assignor to American Vending Machine Co., Jeffersonville, Ind. Vending-machine.	817,912	Apr. 17	2724	591	121	2067
Gundersen, Gilbert S., Columbus, Ind. Railway motor-truck.	831,948	Sept. 25	4143	863	124	1139
Gundersen, Otto C. N., Spokane, Wash. Tramway-switch.	831,091	Feb. 20	3136	687	120	2259
Gunderson, Adolph T., Dunbar, Iowa. Milk pail and strainer.	810,408	Jan. 23	3696	761	120	925
Gunderson, Walter N., Chicago, Ill. Tablet-holder.	822,603	June 5	754	152	122	1894
Gundlach, Philip M., Belleville, Ill. Grain-drill.	824,010	June 19	3557	759	122	2609
Gunn, Elijah S., and H. R. Romberger, Winona, Miss. Means for oiling tracks and applying the air-brakes for stopping railway-trains.	814,371	Mar. 6	753	152	121	166
Gunn, James D., Thomasville, assignor of one-half to M. L. Copeland, Metcalf, Ga. Vine-cutter.	819,880	May 8	1685	361	122	441
Gunn, John A., Des Moines, and J. J. McBride, Laporte, Iowa; said McBride assignor to said Gunn. Method of and apparatus for stacking straw.	810,485	Jan. 23	3849	791	120	961
Gunn, John D., et al. (See Meyer, John J., assignor.)						
Gunn, Robert T., Norfolk, Va. Making potable and aerated water.	835,886	Nov. 13	1968	417	125	535
Gunn, William W., Saginaw, Mich. Fence-tie.	826,500	July 17	3698	766	123	972
Gunnell, Elias, Chicago, Ill. Holder-on for riveters.	833,878	Oct. 23	3808	808-9	124	2272
Gunning, John, Bournemouth, England. Time gas-valve-controlling mechanism.	829,269	Aug. 21	3201	672-3	123	2533
Günther, John, Bournemouth, England. Electric time-switch.	836,808	Nov. 27	3825	815	125	1080
Günther, Franz E. (See Borchers, Franke, and Günther.)						
Günther, Oscar, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Red azo dye.	839,382	Dec. 25	4161		125	2514
Güntzer, Anthony C., New York, N. Y. Candelabrum.	838,619	Dec. 18	2678	575	125	2104
Guppy, William H., Philadelphia, Pa. Guard-rail.	833,685	Oct. 16	3386	719	124	2121
Gurnee, Daniel C., assignor to Metropolitan Code Co., Chicago, Ill. Cipher code or system.	831,061	Sept. 18	2345	495-6	124	650
Gurnee, Isaac O., Butler, N. J., assignor to American Hard Rubber Company. Atomizer.	816,656	Apr. 3	232	54	121	1411
Gurney, Caleb S., Portsmouth, N. H. Pneumatic cushion for vehicle-springs.	838,106	Dec. 11	1660	358	125	1812
Gurney, David B. (See Johnson, William H., assignor.)						
Gurney, Edmund, Portland, Oreg. Advertising device for telephones.	836,753	Nov. 27	3719	794	125	1051
Gurney, Howard F., Jersey City, N. J. Electrically-driven pump.	823,118	June 12	1793	369	122	2166
Guss, Samuel M., Reading, Pa. Stuffing-box packing.	833,961	Oct. 23	4086	871	124	2335
Guss, Samuel M., Reading, Pa. Stuffing-box packing.	833,962	Oct. 23	4088	871	124	2336
Gustafson, Bernhard, Plainfield, N. J., assignor to United Printing Machinery Company, Boston, Mass. Automatic sheet-retarding device for printing-presses.	832,968	Oct. 9	1907	397	124	1710
Gustafson, Carl S. (See Fagerstrom, Victor A., assignor.)						
Gustafson, Ernest G., and H. G. Olsson, North Grosvenor Dale, Conn., assignors to Draper Company, Hopedale, Mass. Selvage stop-motion for looms.	817,144	Apr. 3	1168	241	121	1619
Gustafson, Gustaf A., Chicago, Ill. Automatic regulator.	839,134	Dec. 25	3684	794	125	2398

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Gustafson, Walfrid, Brooklyn, N. Y. Garment-fastener.....	835,418	Nov. 6	1102	237	125	278
Gustaveson, Carl, Chicago, Ill. Woodworking-clamp.....	816,011	Mar. 27	4111	870	121	1053
Gustaveson, Frank, Wabasha, Minn. Shoe.....	820,862	May 15	3719	793	122	947
Gutenkunst, William, Milwaukee, Wis. Hay-carrier.....	839,287	Dec. 25	3983	855	125	2469
Gutensohn, Adolf, Southend, England. Flux for extracting metals from ores.....	826,568	July 24	3856	.....	123	1026
Gutermuth, Max F., Darmstadt, Germany. Hydraulic air-compressor.....	825,719	July 10	2165	452	123	574
Guth, Frederick A., Waverly, Ohio. Gate.....	827,630	July 31	6090	1262-3	123	1599
Guth, Phaon, <i>et al.</i> (See Good, Israel F., assignor.)						
Guth, Roger, <i>et al.</i> (See Good, Israel F., assignor.)						
Guthrie, George N., Jr., Cookeville, Tenn. Right-angle bur-mandrel.....	825,271	July 3	1153	244	123	300
Gutman, Simon, <i>et al.</i> (See Kislik, Alexander, assignor.)						
Gutmann Actien Gesellschaft für Maschinenbau, Alfred. (See Zöller, Carl F. W., assignor.)						
Gutmann, Julius, Stuttgart, Germany. Combined corset and stocking-suspender.....	829,962	Sept. 4	57	10-11	124	13
Gutschmidt, Hermann, Jersey City Heights, N. J. Chimney-cowl.....	839,475	Dec. 25	4356	932	125	2561
Gutte, Moritz A., Reichenau, Germany. Machine for folding woven fabrics.....	819,991	May 8	1953	432	122	496
Guttenberg, Paul, Budapest, and J. Németh, Ujpest, Austria-Hungary. Work-table.....	836,879	Nov. 27	3955	844-5	125	1114
Guttman, Harry J., assignor to Automatic Electric Company, Chicago, Ill. Mouthpiece for telephone-transmitters.....	819,059	May 1	47	10	122	14
Guttman, Harry J., assignor to Automatic Electric Company, Chicago, Ill. Terminal strip.....	819,060	May 1	48	10	122	14
Guttman, Harry J., assignor to Automatic Electric Company, Chicago, Ill. Telephone switch-hook.....	819,061	May 1	49	11	122	15
Guttman, Harry J., assignor to Automatic Electric Company, Chicago, Ill. Telephone transmitter-arm.....	831,855	Sept. 25	3947	824	124	1090
Gutzzeit, Charles W., High Bridge, N. J. Clamping-joint for drills.....	831,551	Sept. 25	3319	696-7	124	926
Gutz, Harry F., <i>et al.</i> (See Wagner, William F., assignor.)						
Guy, Albert E., Trenton, N. J. Obturator for flexible shafts.....	820,780	May 15	3527	757	122	905
Guy, Albert E., Trenton, N. J., assignor to Delaval Steam Turbine Company, New York, N. Y. Rotary fluid-impelling device.....	819,273	May 1	487	101	122	113
Guy, Albert E., Trenton, N. J., assignor to De Laval Steam Turbine Company. Elastic-fluid turbine.....	820,714	May 15	3408	728	122	877
Guy, Albert E., Trenton, N. J., assignor to De Laval Steam Turbine Company, New York, N. Y. Pump.....	820,778	May 15	3524	756	122	905
Guy, Albert E., Trenton, N. J., assignor to De Laval Steam Turbine Company, New York, N. Y. Pumping apparatus.....	820,779	May 15	3525	756	122	905
Guy, Albert E., Trenton, N. J., assignor to Delaval Steam Turbine Company, New York, N. Y. Blower.....	832,256	Oct. 2	489	91-2	124	1331
Guy, Isaiah V. (See Beall and Guy.)						
Guyer, George L., and A. C. Gamble, Wessington, S. D. Incubator.....	830,224	Sept. 4	657	132	124	166
Guyon, Lincoln, <i>et al.</i> (See Burns, Jeremiah D., assignor.)						
Guyon, John L., Maud, Pa. Shutter-bowen.....	812,036	Feb. 6	1018	222	120	1696
Gwaltney, Pembroke D., Smithfield, Va. Peanut-stemming machine.....	828,736	Aug. 14	2095	443	123	2221
Gylfe, Albert, and I. Olson, Berwyn, Ill. Thermostatic alarm.....	839,066	Dec. 18	3494	756	125	2304
Gyllenberg, John A., assignor to Baker City Iron & Supply Co., Baker City, Oreg. Coupling device for aerial tramways and the like.....	824,645	June 26	4790	1021	122	2932
Gyssler, Phillip, Cleveland, Ohio. Triple-gage, butt-gage, and tool holder.....	819,541	May 1	996	218	122	224
H. Adler Company. (See Adler, Henry, assignor.)						
H. Mueller Manufacturing Company. (See Mueller, Philip, assignor.)						
H. Mueller Manufacturing Company. (See Mueller and Boland, assignors.)						
H. Mueller Manufacturing Company. (See Mueller and White, assignors.)						
H. A. Tuttle Manufacturing Company. (See Tuttle, Henry A., assignor.)						
H. C. Cook Co. (See Gilbert, William F., assignor.)						
H. D. Smith & Company. (See Ward, William S., assignor.)						
H. F. Brammer Manufacturing Co. (See Andersen and Bertram, assignors.)						
H. F. Brammer Manufacturing Company. (See Paarmann, Hans J., assignor.)						
H. H. Babcock Company. (See Davis, Francis G., assignor.)						
H. H. Buffum Company. (See Buffum, Herbert H., assignor.)						
H. H. Franklin Manufacturing Company. (See Brown, William H., assignor.)						
H. H. Franklin Manufacturing Company. (See Wilkinson, John, assignor.)						
H. L. Judd Company. (See Lathrop, Frank L., assignor.)						
H. M. & S. Armored Tire Company. (See Swain, James H., assignor.)						
H. O. Canfield Company. (See Freshour, Henry C., assignor.)						
H. P. Engeln Company. (See Engeln, Henry P., assignor.)						
H. W. Johns-Manville Company. (See Means, Charles M., assignor.)						
Haack, Max an, and A. Knoblauch, Zyrardow, Ruda Guzowska Station, near Warsaw, Russia. Lubricating spindle-bearings.....	827,731	Aug. 7	71	14	123	1688
Haag, Arthur, New York, N. Y. Combined square and bevel.....	815,528	Mar. 20	3112	650	121	785
Haag, Edward N., West Philadelphia, assignor to F. H. Duckwitz, Philadelphia, Pa. Air-cushioning heel or pad for boots or shoes.....	826,330	July 17	3324	686	123	873
Haage, Gustavus A. (See Hollenbach, Haage, and Hollenbach.)						
Haagn, Ernst, Hanau-on-the-Main, assignor to Firm of W. C. Heraeus, Frankfort-on-the-Main, Germany. Electrically-heated hollow body.....	822,270	June 5	88	18	122	1748
Haak, Harry C. (See Cramer and Haak.)						
Haake, August F. J. S. and H. A. R. A., Hamburg, Germany. Preparing soluble starch.....	813,647	Feb. 27	4253	.....	120	2559
Haake, Heinrich A. R. A. (See Haake, August F. J. S. and H. A. R. A.)						
Haan, Paul C., New Brunswick, assignor to J. D. Pickard, East Orange, N. J. Apparatus for carbonating liquids.....	813,883	Feb. 27	4720	1044	120	2660
Haar, David, New York, N. Y. Exhibition-board.....	814,372	Mar. 6	757	152	121	168
Haas, Ferdinand G., Springfield, Mo. Boiler flue, pipe, and tube cutting machine.....	839,135	Dec. 25	3686	795	125	2399
Haas, George M., New York, N. Y., assignor to Automatic Target Machine Company. Target apparatus.....	820,569	May 15	3145	677	122	821
Haas, Herbert, San Francisco, Cal. Apparatus for converting mattes and speisses and other metallic compounds.....	832,665	Oct. 9	1304	262-3	124	1567
Haas, Jackson O., Pottsville, Pa. Steering-knuckle for vehicles.....	810,372	Jan. 16	3578	736	120	865
Haas, Martin, Kalamazoo township, Kalamazoo county, Mich. Building block or wall.....	811,634	Feb. 6	204	43	120	1530
Haas, Morris, <i>et al.</i> (See Swallow, Fredric, assignor.)						
Haas, Wilhelm, K. Gerzábek, and A. Lampel, Floridsdorf, near Vienna, Austria-Hungary. Machine for cutting or indenting pipes.....	827,800	Aug. 7	228	46	123	1728
Haase, Albert, Essen-Rüttenscheid, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Steel projectile.....	816,577	Apr. 3	41	11	121	1363
Haase, Paul, Pössneck, Germany. Dusting-machine for candy.....	809,182	Jan. 2	1100	229	120	242
Haase, Richard, assignor of one-half to H. Drossner, Paris, France. Two-needle sewing-machine.....	836,250	Nov. 20	2693	572-3	125	766
Habay, Paul. (See Chaudy, Pierre, assignor.)						
Liabegger, Gustave, Berkeley, Cal. Valve.....	811,497	Jan. 30	5808	1216	120	1418

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Disg.	Vol.	Page.
Haber, Fritz, Karlsruhe, Baden, assignor to Firm of C. Zeiss, Jena, Germany. Testing gaseous mixtures.....	830,225	Sept. 4	658	132	124	166
Haber, Fritz, G. Van Oordt, Karlsruhe, and F. Bran, Mannheim, Germany. Making beryllium hydroxid.....	822,444	June 5	406	.....	122	1813
Haberkorn, Theodore H., Fort Wayne, Ind. Valve-gear for engines.....	821,236	May 22	4508	960	122	1182
Habermann, George C. H., McKeesport, Pa. Rail-joint.....	814,443	Mar. 6	903	185	121	197
Haberzettler, Fred S. (See Sharp, Joshua H., assignor.)						
Habrie, Jules, San Francisco, Cal. Bread-cutter.....	830,711	Sept. 11	1682	346	124	453
Hache, Louis. (See Ely, Martin J., assignor.)						
Hachenberg, Louis, New York, N. Y. Turbine-engine.....	823,526	June 19	2641	555	122	2409
Hackburn, Ephraim B., W. C. Willett, and D. F. Deppe, Newbern, N. C. Planter.....	829,204	Aug. 21	3070	645-6	123	2502
Hacker, George, St. Louis, Mo. Heater for incubators.....	836,251	Nov. 20	2695	573	125	767
Hacker, George, St. Louis, Mo. Incubator.....	836,252	Nov. 20	2696	573	125	767
Hacker, George, St. Louis, Mo. Incubator.....	837,561	Dec. 4	557	130-1	125	1494
Hackett, John C., St. Louis, Mo. Wrench.....	825,720	July 10	2166	452	123	574
Hacking, William H., Bury, England. Cloth-folding machine.....	813,552	Feb. 27	4076	893	120	2522
Hackley, George T., assignor to Direct Drive Power Transmission Company, Los Angeles, Cal. Driving and controlling gear.....	831,856	Sept. 25	3949	825-6	124	1091
Hackley, George T., assignor to Direct Drive Power Transmission Co., Los Angeles, Cal. Driving-gear.....	831,857	Sept. 25	3955	826-7	124	1092
Hackman, Aaron B., Sterling, Ill. Hasp-fastener.....	836,968	Nov. 27	4146	885	125	1157
Hackmann, John C., and W. H. Palmer, St. Paul, Minn. Note-book.....	808,652	Jan. 2	66	14	120	17
Hackney, Hiram D., Sedgwick, Kans. Mail-carrying cabinet.....	825,456	July 10	1574	326	123	429
Hackney, Isaac M., assignor to Brooks Tire Machine Company, Wichita, Kans. Ratchet mechanism.....	827,235	July 31	5216	1083	123	1383
Hackworth, Thomas R., South Pittsburg, Tenn. Hay-press.....	810,275	Jan. 16	3375	699	120	820
Hadac, Stephen, Ely, Iowa. Grass-gatherer.....	834,615	Oct. 30	5454	1158	124	2726
Hadaway, John B., Brockton, Mass. Shoe-sewing machine.....	838,182	Dec. 11	1830	392	125	1856
Hadaway, John B., Brockton, Mass. Shoe-sewing machine.....	838,183	Dec. 11	1832	392-3	125	1856
Hadden, Robert, and C. Senn, Atlantic City, N. J. Non-siphon trap.....	839,136	Dec. 25	3687	795	125	2399
Hadden, Walter I., Nottingham, England. Bandage.....	834,723	Oct. 30	5662	1201	124	2780
Haddock, Margaret C., Bedford, Iowa. Baking-pan for pastry-crusts.....	823,216	June 12	2008	418	122	2214
Haden, Elbridge G., Charlottesville, Va. Lamp.....	826,423	July 17	3488	726	123	913
Hadfield, George O., Fall River, Mass. Machine for spinning and twisting fibrous materials.....	813,884	Feb. 27	4721	1044	120	2660
Hadfield, Robert A., Sheffield, England. Hardening steel.....	810,531	Jan. 23	3947	.....	120	983
Hadfield, Robert A., Sheffield, England. Manufacture of armor-plates.....	831,858	Sept. 25	3958	.....	124	1093
Hadfield, Robert A., Sheffield, England. Manufacture or treatment of steel armor-plates.....	834,904	Nov. 6	59	.....	125	17
Hadfield, Robert A., Sheffield, England. Improving the magnetic qualities of iron-silicon-aluminium alloys.....	836,497	Nov. 20	3170	.....	125	882
Hadfield, Robert A., Sheffield, England. Improving the magnetic qualities of iron-silicon alloys.....	836,754	Nov. 27	3720	.....	125	1052
Hadfield, Robert A., Sheffield, England. Improving certain magnetic qualities of a magnetic body.....	836,755	Nov. 27	3721	.....	125	1052
Hadfield, Robert A., Sheffield, England. Magnetic alloy.....	836,756	Nov. 27	3722	.....	125	1052
Hadfield, Robert A., Sheffield, England. Improving the magnetic qualities of iron-silicon-manganese alloys.....	836,757	Nov. 27	3722	.....	125	1052
Hadfield, Robert A., Sheffield, England. Magnetic alloy.....	836,758	Nov. 27	3723	.....	125	1052
Hadfield, Robert A., Sheffield, England. Making magnetic materials.....	836,759	Nov. 27	3723	.....	125	1052
Hadfield, Robert A., Sheffield, England. Making magnetic materials.....	836,760	Nov. 27	3724	.....	125	1052
Hadfield, Robert A., Sheffield, England. Making magnetic materials.....	836,761	Nov. 27	3724	.....	125	1052
Hadfield, Robert A., Sheffield, England. Improving the magnetic qualities of iron-silicon-aluminium alloys.....	836,762	Nov. 27	3725	.....	125	1052
Hadfield, Robert A., Sheffield, England. Improving the magnetic qualities of iron-silicon-manganese alloys.....	837,682	Dec. 4	814	.....	125	1556
Hadfield, Robert A., and A. G. M. Jack, Sheffield, England. Gun-shield.....	811,715	Feb. 6	342	75	120	1562
Hadley, Arthur L., Fort Wayne, Ind., assignor to General Electric Company. Rheostat.....	829,148	Aug. 21	2953	618	123	2472
Hadley, Benjamin, and B. Moylan, Elmira, N. Y. Check-valve for water-gages.....	810,746	Jan. 23	4340	902	120	1070
Hadley, John B., <i>et al.</i> (See Gulick, Frank S., assignor.)						
Hadley, Richard F. (See Eddy and Hadley.)						
Haebler, Frederick S. (See Roberts, Heber, assignor.)						
Haeblerlein, Max, Niagara Falls, N. Y. Oil-brake for speed-governors.....	821,359	May 22	4771	1014-15	122	1242
Haeckel, William, New York, N. Y. Umbrella-frame.....	838,984	Dec. 18	3331	720	125	2261
Haegert, Cletis G., Hawley, Okla. Ter. Grain-feed.....	832,376	Oct. 2	715	138	124	1385
Haenlein, Louis, East Rutherford, N. J., assignor to Fuchs & Lang Manufacturing Co., New York, N. Y. Bronzing-machine.....	812,562	Feb. 13	2114	463	120	1997
Haenner, Charles, Cleveland, Ohio. Non-refillable bottle.....	829,149	Aug. 21	2955	618	123	2473
Haeske, Charles M., South Bend, Ind. Axle-truss.....	809,297	Jan. 9	1380	280	120	339
Hafely, Alfred C., Brooklyn, N. Y. File or holder for papers and leaves.....	812,419	Feb. 13	1826	400	120	1937
Hafely, Alfred C., Brooklyn, N. Y. Solid back for books.....	823,168	June 12	1892	390	122	2189
Haffey, James F., Tiffin, Ohio. Fence-post.....	829,150	Aug. 21	2957	618	123	2473
Haffey, James F., assignor to C. S. Baron, Tiffin, Ohio. Lantern.....	836,574	Nov. 20	3316	707	125	916
Haffey, James F., assignor to C. S. Baron, Tiffin, Ohio. Jug-top.....	838,536	Dec. 18	2520	545	125	2066
Haflich, George H. (See Starkey and Haflich.)						
Hafner, Augustus P., New York, N. Y., assignor to T. B. Eiker, South Orange, N. J. Therapeutic match.....	827,066	July 24	4828	1005	123	1268
Hafner, Joseph. (See Cook and Hafner.)						
Hagaman, Orie E., Newark, N. J. Propelling device.....	818,536	Apr. 24	3975	854	121	2390
Hagan, Barret C., assignor of one-half to C. M. Hagan, West Monterey, Pa. Temper-screw.....	813,378	Feb. 20	3710	815	120	2380
Hagan, Benjamin M., <i>et al.</i> (See Bain, Eugene C., assignor.)						
Hagan, C. M. (See Hagan, Barret C., assignor.)						
Hagan, Sylvester C., Mounds, Ill. Rocking-horse.....	836,643	Nov. 20	3440	735	125	944
Hagans, Christian, Erfurt, Germany. Locomotive.....	813,379	Feb. 20	3711	815-16	120	2380
Hagar, Franklin D., assignor to Liquid Wall Paper Company, Boston, Mass. Wall-coating composition.....	833,162	Oct. 16	2294	.....	124	1855
Hage, Aloys, Hildesheim, Germany. Sectional boiler.....	838,782	Dec. 18	2987	643-4	125	2180
Hagedorn, Charles K. (See Ludolph, Carl, assignor.)						
Hagedorn, John H., Cleveland, Ohio. Combined couch or sofa and bed.....	823,327	June 12	2229	465	122	2263
Hageman, James E. (See Hageman, Randolph F. and J. E.)						
Hageman, Randolph F. and J. E., New Madison, Ohio. Sink-frame.....	817,765	Apr. 17	2402	515	121	1995
Hagen, Arthur T., assignor to A. T. Hagen Co., Rochester, N. Y. Clothes-drier.....	822,604	June 5	755	153	122	1894
Hagen, Gustav, Greiz, Germany. Gun.....	829,779	Aug. 28	4295	908	123	2848
Hagen, Henry J., Orange, N. J., assignor to Universal Talking Machine Manufacturing Company. Talking-machine.....	816,978	Apr. 3	870	180	121	1551

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. k.	Vol.	Page.
Hagenbach, John, assignor to Aniline Colour and Extract Works, formerly John R. Geigy, Basle, Switzerland. Red azo dye and making same.	808,919	Jan. 2	588	-----	120	129
Hager, Andrew, San Francisco, Cal. Rotary engine.	809,054	Jan. 2	853	181	120	189
Hager, Charles, and T. D. Finizie, New York, N. Y. Car-fender.	824,541	June 26	4585	975	122	2887
Hager, Charles, and T. D. Finizie, New York, N. Y. Car-fender.	824,542	June 26	4587	975	122	2887
Hager, Daniel S., Toledo, Ohio. Pneumatic-tube cash-carrier.	811,915	Feb. 6	734	160	120	1640
Hager, Harry, Chicago, Ill. Coffee-cooler.	810,140	Jan. 16	3088	637	120	760
Hager, Harry, Chicago, Ill. Automatic weighing-scale.	819,881	May 8	1686	361-2	122	441
Hagerman, Hiram D., Houlton, Me. Rule.	831,850	Sept. 25	39-0	827	124	1093
Hagerstrom, John A., New York, N. Y. Type-writing machine.	810,202	Jan. 16	3214	666	120	785
Haggenjos, Frank, St. Louis, Mo. Metal mold for making brass castings.	816,515	Mar. 27	4717	1001	121	1184
Hagman, William J., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Counterbalance device.	815,696	Mar. 20	3449	720	121	860
Hagman, William J., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Machine for drilling, boring, milling, &c.	815,697	Mar. 20	3449	720	121	860
Hagman, William J., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Steam-hammer.	834,616	Oct. 30	5456	1158	124	2727
Hagstrom, William. (See Anderson and Hagstrom.)						
Hague, Alonzo, administrator. (See Hague, John and G.)						
Hague, Guy. (See Hague, John and G.)						
Hague, Isaac N., assignor of one-half to F. D. Nash, Tacoma, Wash. Gang-saw-edging machine.	833,384	Oct. 16	2756	581	124	1975
Hague, James A., Robinson, Tex. Lint-cotton feeder.	819,542	May 1	997	218-19	122	224
Hague, John, and G. Hague, deceased, (A. Hague, administrator,) Alliance, Nebr. Hay-stacker.	831,062	Sept. 18	2351	496	124	651
Hahl, Augustus L., Chicago, Ill. Synchronizing mechanism for timepieces.	823,682	June 19	2932	620	122	2475
Hahn, Andrew, Chicago, Ill. Tank.	817,314	Apr. 10	1520	319	121	1751
Hahn, Andrew, Chicago, Ill. Sheet-metal tank.	831,719	Sept. 25	3684	771	124	1027
Hahn, Edward L., Muscatine, Iowa. Fertilizer-distributor.	838,856	Dec. 18	3125	673-4	125	2215
Hahn, Frank and J., Decatur, Ill. Door-operated alarm device for mail-boxes.	839,137	Dec. 25	3689	795	125	2400
Hahn, George W., Mansfield, Ill. Horse-collar.	809,298	Jan. 9	1381	280	120	339
Hahn, George W., Mansfield, Ill. Horse-collar.	818,621	Apr. 24	4156	893-4	121	2429
Hahn, Gustav. (See Zander and Hahn.)						
Hahn, Jesse M. (See Exton and Hahn.)						
Hahn, John. (See Hahn, Frank and J.)						
Hahn, John J., Kansas City, Mo. Door for grain-cars.	814,202	Mar. 6	388	78	121	85
Hahn, Joseph. (See Neu and Hahn.)						
Hahn, Paul, Elberfeld, assignor to I. W. Spear & Söhne, Nuremberg, Germany. Toy.	839,138	Dec. 25	3690	795	125	2400
Hahn, Paul T., Woodcliff, Weehawken, N. J. Printing device.	823,042	June 12	1623	336	122	2131
Hahn, William G., San Francisco, Cal. Eyeglass-guard.	825,314	July 10	1253	264	123	344
Hahnemann, Paul R., assignor of one-half to E. W. Zeh, Newark, N. J. Sheet-metal hollow-ware drawing-press.	833,716	Oct. 16	3442	734	124	2143
Haidet, P. J., et al. (See Tverdahl, Ole, assignor.)						
Haigh, Ben, Montreal, Canada. Smoke-consumer.	818,024	Apr. 17	2949	637	121	2118
Haight, Charlotte H., Oswego, Ill. Griddle-greaser.	814,203	Mar. 6	390	79	121	85
Haight, James P., Hoopeston, assignor to Sprague Canning Machinery Company, Chicago, Ill. Can-filling machine.	819,274	May 1	488	101-2	122	114
Haight, Louis W., White Plains, and W. E. Chapman, New York, N. Y. Shade.	816,316	Mar. 27	4718	1001-2	121	1184
Hail, George, Providence R. I. Elevator safety mechanism.	824,646	June 26	4791	1021	122	2932
Hailey, Albert, Ruston, La. Baling-press.	839,579	Dec. 25	4562	973	125	2611
Haiman, Elias, Cleveland, Ohio. Farming implement.	815,698	Mar. 20	3452	720-1	121	861
Haiman, Elias, Cleveland, Ohio. Cultivator attachment.	818,760	Apr. 24	4444	952	121	2493
Hain, John B., Pittsburg, Pa. Safe or vault.	837,825	Dec. 4	1076	240	125	1621
Hain, Victor, Chiswick, assignor of one-half to P. O. Wilson, London, England. Manufacture of sweetmeat, such as chocolate.	838,985	Dec. 18	3332	721	125	2261
Haines, James B., Philadelphia, Pa. Window-ventilator.	832,377	Oct. 2	719	139	124	1386
Haines, William B., Sunbury, Pa. Combined oil pump and measure.	810,532	Jan. 23	3949	812	120	983
Hains, Peter C., Jr. (See Weaver, Charles R., assignor.)						
Hains, Peter C., Washington, D. C. Mixing concrete.	808,836	Jan. 2	416	91-2	120	92
Hair, John W., San Bernardino, Cal. Plow.	834,519	Oct. 30	5254	1116	124	2677
Hake, Lewis F., Ottawa, Kans. Gate construction.	818,885	Apr. 24	4674	1003	121	2541
Halbert, Xavier C., Charenton, La. Paper-bag rack.	811,142	Jan. 30	5146	1075-6	120	1276
Halbleib, Edward A., Buffalo, N. Y. Signal.	832,187	Oct. 2	341	63	124	1295
Haldeman, Thomas A., Concordia, Kans. Wire-stretcher.	834,295	Oct. 30	4835	1022	124	2570
Halderman, Oscar E., Marion, Ind. Grate.	814,956	Mar. 13	1893	398	121	469
Hale, Albert L., Cambridge, Mass. Tuning-hammer.	834,468	Oct. 30	5157	1095	124	2652
Hale, Ashley G., administrator. (See Hale, Nelson T.)						
Hale, Charles B., assignor of one-half to F. J. Henderson, Chicago, Ill. Guide-bracket for freight-car sliding doors.	819,754	May 8	1422	306	122	377
Hale, Cornelius E. (See Rooney, Henry F., assignor.)						
Hale, Earl A., Dayton, Ohio. Bag-holder.	821,237	May 22	4514	960-1	122	1183
Hale, Erastus D., Bellevue, Ohio. Harness-buckle.	834,296	Oct. 30	4836	1022	124	2570
Hale, Frank A., Chicago, Ill. Standard for desk-calendars.	813,553	Feb. 27	4079	894	120	2522
Hale, George W., Norfolk, Va. Barber's appliance.	817,111	Apr. 3	1094	227	121	1601
Hale, Henry S., Philadelphia, Pa., assignor to Hale and Kilburn Manufacturing Company. Seat-cushion.	811,289	Jan. 30	5448	1135	120	1343
Hale, Henry S., assignor to Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Cushion.	825,826	July 10	2359	493	123	622
Hale, Henry W. K., assignor to Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Car-seat.	831,063	Sept. 18	2353	496-7	124	652
Hale, Joshua B., assignor, by mesne assignments, to Ring Paper Clip Company, Providence, R. I. Forming spring-clips.	822,445	June 5	410	84	122	1814
Hale and Kilburn Manufacturing Company. (See Hale, Henry S., assignor.)						
Hale and Kilburn Manufacturing Company. (See Hale, Henry W. K., assignor.)						
Hale & Kilburn Manufacturing Company. (See Kilburn, John B., assignor.)						
Hale and Kilburn Manufacturing Company. (See Kilburn and McConnell, assignors.)						
Hale-Kilburn Metal Company. (See Budd, Edward G., assignor.)						
Hale-Kilburn Metal Company. (See Budd and Condé, assignors.)						
Hale-Kilburn Metal Company. (See Old and Budd, assignors.)						
Hale, Lawrence F., Santa Anna, Tex. Folding box.	820,301	May 8	2599	566	122	641
Hale, Lorin E., and A. M. Fox, Kansas City, Mo. Folding door for fire departments and opener therefor.	829,523	Aug. 28	3761	797	123	2717
Hale, Nelson T., deceased, Baldwinsville, Mass.; A. H. Hale, administrator. Game-board.	809,502	Jan. 9	1816	374	120	434
Hale, Stephen H., St. Joseph, Mo. Steam-boiler.	816,012	Mar. 27	4112	870	121	1054
Hale, Will K., Catskill, N. Y., and C. W. Kürsteiner, Englewood, N. J. Obtaining turpentine, rosin, &c., from wood.	828,474	Aug. 14	1581	334	123	2096

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Haley, Harry B., Pittsburg, Pa. Combination step-ladder and ironing-board	836,112	Nov. 20	2382	503	125	689
Haley, Joseph A., Fort Wayne, Ind. Dust-guard for journal-boxes	830,062	Sept. 4	301	61	124	73
Haley, Joseph A., Fort Wayne, Ind. Dust-guard for journal-boxes or lubricating-receptacles	830,063	Sept. 4	305	62	124	74
Haley, William H., Floyd, Iowa. Mail-delivering apparatus	834,798	Oct. 30	5827	1236	124	2821
Halkett, William G., Philadelphia, Pa. Awning sheave-block	838,783	Dec. 18	2989	644	125	2180
Halkyard, William. (See Davis, Clarence C., assignor.)						
Hall, A. L., <i>et al.</i> (See Latimer, Samuel A., assignor.)						
Hall, Adelbert E., West Bay City, Mich. Recoil-operated firearm	830,226	Sept. 4	661	132-3	124	167
Hall, Adrian and J. M., Greenfield, Ind. Conveying apparatus	816,910	Apr. 3	722	148	121	1518
Hall, Albert, Jersey City, N. J. Button	817,170	Apr. 10	1230	253	121	1693
Hall, Albert H., Adrian, Mich. Saw-gage	824,785	July 3	196	35	123	57
Hall, Alfred, Chicago, Ill. Fountain-pen	823,328	June 12	2232	466	122	2263
Hall, Andrew J., Chicago, Ill. Coin-controlled clock and savings-bank	826,933	July 24	4564	949-50	123	1205
Hall, Bicknell, assignor to Huber-Hodgman Printing Press Company, Taunton, Mass. Ink-roller-driving mechanism for printing-presses	810,051	Jan. 16	2920	608	120	726
Hall Button Company. (See Cooke and Lord, assignors.)						
Hall, C. Roe. (See Hancock, Charles E., assignor.)						
Hall, Charles A., New Orleans, La. Broom-bridle	817,971	Apr. 17	2843	616	121	2095
Hall, Charles B., and F. A. Thomas, assignors, by mesne assignments, to said Hall, A. M. Sorensen, and D. N. Dalrymple, Minneapolis, Minn. Steering device for traction-engines	833,783	Oct. 23	3569	762	124	2213
Hall, Charles C., Alexandria, Ind. Insulating material	811,778	Feb. 6	453		120	1584
Hall, David, Norwood, Ohio. Lap-robe for automobiles	832,378	Oct. 2	720	139	124	1386
Hall, Edward C. (See Hall, William H. and E. C.)						
Hall, Edward L., New York, N. Y. Carrier for photographic plates	811,498	Jan. 30	5810	1216	120	1418
Hall, Edward L., New York, N. Y. Camera	832,969	Oct. 9	1909	398	124	1710
Hall, Edward L., New York, N. Y. Camera	832,970	Oct. 9	1912	398	124	1711
Hall, Edwin J. (See Spaul and Hall.)						
Hall, Elijah C., Braintree, Mass. Hinge	810,052	Jan. 16	2922	608	120	727
Hall, Erasmus C. (See Weaver, Mathew J., assignor.)						
Hall, Frank B. (See Poole and Hall.)						
Hall, Frank B., and A. F. Poole, Wheeling, W. Va. Telephone party-line system	810,335	Jan. 16	3494	722	120	845
Hall, Frank D., Waukegan, Ill. Cutter-head	815,161	Mar. 13	2330	487	121	564
Hall, Frank J., and A. W. Hawkinson, assignors to W. E. Brooks, Elyria, Ohio. Wheel	831,860	Sept. 25	3960	827	124	1093
Hall, Frank S., Akron, Ohio. Writing or printing with metallic leaf	817,315	Apr. 10	1522	319	121	1752
Hall, Fred E., Brookline, and A. MacLeod, Brighton, assignors to United States Vending Corporation, Boston, Mass. Coin-controlled vending-machine	810,747	Jan. 23	4341	903	120	1070
Hall, Frederick W., Merchantville, N. J. Lubricating device	836,253	Nov. 20	2698	574	125	768
Hall, Fredricka I. T. (See Hall, Thomas S., assignor.)						
Hall, George. (See Carter, Hall, and Parsons.)						
Hall, George A., Buffalo, N. Y. Lamp-burner	836,111	Nov. 20	2381	503	125	688
Hall, George E. (See Good and Hall.)						
Hall, George E., Akron, Ohio. Fishing-float	837,057	Nov. 27	4347	922	125	1206
Hall, George F., Jersey City, N. J., assignor, by mesne assignments, to Universal Novelty Company. Window-dresser	826,160	July 17	2998	622	123	795
Hall, Harry E., Greenfield, Ohio. Mail-carrying apparatus	835,677	Nov. 13	1580	337-8	125	442
Hall, Hartwell & Company. (See Schoen, Paul E., assignor.)						
Hall, Hewitson. (See Parsons, Hall, and Turnbull.)						
Hall, J. Everett, Erie, Pa. Valve mechanism for sterilizers	810,533	Jan. 23	3950	812-13	120	984
Hall, James. (See Gifford and Hall.)						
Hall, James, Reddish, and M. T. Barber, assignors to Printers' Engineers Limited, Manchester, England. Taking-off disk for feeding paper in printing and the like machines	814,539	Mar. 6	1084	224	121	235
Hall, James P., Jersey City, N. J. Molding device or apparatus	834,573	Oct. 30	5353	1136-7	124	2700
Hall, James P., Jersey City, N. J. Molding device	834,617	Oct. 30	5457	1159	124	2727
Hall, John B. (See Martin, James F., assignor.)						
Hall, John B. (See Thomson, Oscar M., assignor.)						
Hall, John G., New Providence, Pa. Window-sash balance	835,788	Nov. 13	1791	380	125	496
Hall, John L., Schenectady, N. Y., assignor to General Electric Company. Signaling system	818,244	Apr. 17	3391	727	121	2211
Hall, John L., Schenectady, N. Y., assignor to General Electric Company. Control system for search-light projectors	822,271	June 5	90	18-19	122	1748
Hall, John L., Schenectady, N. Y., assignor to General Electric Company. Automatic starting-rheostat	825,272	July 3	1154	244	123	301
Hall, John L., and W. C. Yates, Schenectady, N. Y., assignors to General Electric Company. Motor-starting rheostat	829,151	Aug. 21	2958	618	123	2473
Hall, John M. (See Hall, Adrian and J. M.)						
Hall, John R., De Moss Springs, assignor of one-half to R. J. Ginn, Moro, Oreg. Door-securer	818,955	Apr. 24	4006	1033	121	2571
Hall, John R., De Moss Springs, assignor of one-half to R. J. Ginn, Moro, Oreg. Cylinder-tooth for threshing-machines	836,030	Nov. 13	2206	472	125	592
Hall, John R., De Moss Springs, assignor of one-half to R. J. Ginn, Moro, Oreg. Wagon running-gear	839,753	Dec. 25	4928	1053	125	2700
Hall, John T., and S. S. Loomer, Steubenville, Ohio. Ash-pan for locomotives	839,754	Dec. 25	4929	1053	125	2701
Hall, Joseph, Cheltenham, England. Making pipes of artificial stone	809,680	Jan. 9	2172	449-50	120	510
Hall, Joseph B., assignor to McGuire Manufacturing Company, Chicago, Ill. Street-sprinkler	838,107	Dec. 11	1661	358-9	125	1813
Hall, Josiah B., Storeville, S. C. Clay-cutting plow	833,832	Oct. 23	3704	789	124	2245
Hall, Lemuel A., Christiana, Pa. Nut-lock	811,916	Feb. 6	735	161	120	1640
Hall, Margaret, Vancouver, Wash. Marking device for skirts	826,846	July 24	4394	915	123	1163
Hall Mining and Smelting Company. (See Harris, Henry, assignor.)						
Hall, Morgan B., <i>et al.</i> (See Schirra, Julius, assignor.)						
Hall, Perry E., Jr., Everett, Wash. Gas-purifier	824,786	July 3	198	35-6	123	57
Hall, Peter P. G., Jr., Philadelphia, Pa. Relief for explosive-gas engines	821,410	May 22	4886	1037	122	1266
Hall, Peter P. G., Philadelphia, Pa. Oyster-dredging hoist	821,411	May 22	4887	1038	122	1266
Hall, Ralph L., and T. C. Martin, Oakland, Cal. Seam-ironing machine	819,698	May 1	1306	284	122	293
Hall, Robert A., assignor to Standard Stopper Company, New York, N. Y. Cap for receptacles	826,244	July 17	3151	655	123	829
Hall, Robert A., assignor to Standard Stopper Company, New York, N. Y. Applying caps to receptacles	826,245	July 17	3153	655	123	829
Hall, Robert J., Jeffersonville, assignor of two-thirds to M. H. Gascoigne, Clarksville, and L. L. Bradley, New Albany, Ind. Railway metal draft	830,318	Sept. 4	843	173	124	211
Hall, Samuel N., Houston, Tex. Well-drilling apparatus	822,272	June 5	92	19	122	1749
Hall, Samuel N., assignor of one-half to J. Lawlor, Houston, Tex. Wrench	818,371	Apr. 17	3626	778	121	2261
Hall, Seth M., Lockport, N. Y. Toy	820,863	May 15	3720	793	122	947

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hall Signal Company. (See Breese, Charles P., assignor.)						
Hall Signal Company. (See Coleman, Clarence W., assignor.)						
Hall Signal Company. (See Coleman, Clyde J., assignor.)						
Hall Signal Company. (See Hewett, Robert J., assignor.)						
Hall Signal Company. (See Lane, William H., assignor.)						
Hall, Stephen, Chicago, Ill. Table	837,221	Nov. 27	4647	987	125	1280
Hall, Thomas S., assignor to F. I. T. Hall, New York, N. Y. Treating adhesive material.	839,383	Dec. 25	4163	-----	125	2514
Hall, Tudor T., New Orleans, La. Garment-stretcher	830,429	Sept. 4	1069	223	124	264
Hall, Walter A., Lynn, Mass., assignor to General Electric Company. Transformer	829,780	Aug. 28	4298	908	123	2848
Hall, William A. (See Story and Hall.)						
Hall, William A., Sr., Pardeeville, Wis. Combined potato and corn planter	818,956	Apr. 24	4807	1033-4	121	2571
Hall, William C. J., assignor of one-half to M. Kennedy, Quebec, Quebec, Canada. Spark-arrester	832,188	Oct. 2	343	64	124	1295
Hall, William F., and W. Donaldson, Washington, D. C. Garment-hanger	808,653	Jan. 2	66	14	120	17
Hall, William H., Glendale, and E. C. Hall, Cincinnati, Ohio. Fireproof safe and filling the walls of the same	816,724	Apr. 3	343	79	121	1436
Hall, William N., Bangs, Tex. Locking device	819,275	May 1	490	102	122	114
Halladay, Lewis P., Streator, Ill. Go-cart	822,944	June 12	1415	296	122	2083
Halladay, Lewis P., Streator, Ill. Phonograph-horn support	836,031	Nov. 13	2207	473	125	593
Halladay, Lewis P., assignor to Streator Metal Stamping Company, Streator, Ill. Carpet-sweeper	838,620	Dec. 18	2682	575	125	2105
Hallanan, Michael, New York, N. Y. Detachable-calk horseshoe	829,647	Aug. 28	4011	850	123	2779
Hallander, Samuel, Vancouver, Canada. Boiler	812,844	Feb. 20	2649	579-80	120	2151
Hallaschka, Adam H. L., and K. A. Grimm, Cassel, Germany. Rotatable-grate furnace	835,022	Nov. 6	295	64	125	77
Hallbauer, Ernst M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Sheet-metal display can or box	815,957	Mar. 27	4000	847	121	1027
Hallbauer, Ernst M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Screw-top for cans	834,125	Oct. 23	4478	951	124	2436
Hallberg, Lawrence G., Chicago, Ill. Foundation	825,903	July 17	2500	520	123	606
Halle, Hiram J., assignor to Elliott-Fisher Company, New York, N. Y. Manifolding-ribbon mechanism for type-writing machines	825,457	July 10	1576	327-9	123	429
Halle, Hiram J., assignor to Elliott-Fisher Company, New York, N. Y. Platen for type-writing machines	827,150	July 31	5043	1051-2	123	1338
Haller, Carl, Chicago, Ill. Electric sign	811,057	Jan. 30	4970	1038	120	1240
Haller, Carl, Chicago, Ill. Electric sign	811,058	Jan. 30	4972	1038	120	1241
Haller, Carl, Chicago, Ill. Electric sign	811,059	Jan. 30	4974	1038	120	1241
Haller, Winfield A., New Orleans, La., and J. W. Billingsley, Tivoli, assignors to E. N. Sanderson, Brooklyn, H. H. Porter, Lawrence, F. Blossom, Brooklyn, and R. Talbot, Tuxedo, N. Y. Concrete building-block	810,748	Jan. 23	4345	903	120	1071
Haller, Winfield A., New Orleans, La., and J. W. Billingsley, Tivoli, assignors to E. N. Sanderson, Brooklyn, H. H. Porter, Lawrence, F. Blossom, Brooklyn, and R. Talbot, Tuxedo, N. Y. Manhole for conduits and the like	810,855	Jan. 23	4545	946	120	1114
Halliburton, Martin J., assignor of one-half to H. G. Illig, Portageville, Mo. Bridle	815,424	Mar. 20	2928	607	121	746
Hallday, John, Detroit, Mich. Cheese-cutter	816,462	Mar. 27	5042	1071	121	1251
Hallday, John, Detroit, Mich. Cheese-cutter	820,302	May 8	2601	566-7	122	642
Hallday, William G., assignor of one-half to G. W. Farmer, Fort Madison, Iowa. Water-glass guard	837,467	Dec. 4	382	87	125	1451
Hallock, Arthur T., Canandaigua, N. Y. Show-case	810,857	Jan. 23	4549	947	120	1115
Hallock, Arthur T., Canandaigua, assignor, by mesne assignments, to C. B. Knox, Johnstown, N. Y. Coin-controlled apparatus	810,856	Jan. 23	4546	947	120	1115
Hallock, Fletcher D., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Controlling means for electric motors	838,021	Dec. 11	1470	317	125	1763
Hallock, Howard B., Germantown, assignor to S. S. Williamson, Philadelphia, Pa. Storage battery	814,691	Mar. 13	1408	293	121	367
Hallowell, Howard T., Davisgrove, Pa., assignor to Standard Pressed Steel Company. Pulley	811,290	Jan. 30	5450	1136	120	1343
Hallowell, Louis S., New York, N. Y., assignor of one-half to T. L. Ricart, Philadelphia, Pa. Telephone-holder	808,983	Jan. 2	724	156	120	160
Hallstead, Bert W., Scranton, Pa. Spark-plug	818,372	Apr. 17	3629	778	121	2261
Hallstream, Henry. (See Dexter and Hallstream.)						
Hallstrom, Oscar, Chicago, Ill. Fish-hook	831,552	Sept. 25	3323	697	124	927
Halphen, L. & G. (See Kun, Michael, assignor.)						
Halpin, Druitt, Westminster, London England. Feed-water heater	827,631	July 31	6093	1263	123	1599
Halpin, Theodore D., Lapeer, Mich. Weeding-tool	823,272	June 12	2126	443	122	2241
Halpin, Thomas P., Chicago, Ill. Loose-leaf-binder	838,323	Dec. 11	2102	454-5	125	1920
Halpin, William J., assignor of one-half to S. C. St. John, Dunkirk, Ind. Cover for graves	823,043	June 12	1627	336	122	2132
Halsell, Robert F., and A. B. Campbell, Laurel, Miss. Book-support	810,141	Jan. 16	3089	638	120	760
Halsey, Don P., et al. (See Birmingham, John P., assignor.)						
Halsey, Samuel E., Everett, Wash. Type-cleaning device for type-writing machines	811,394	Jan. 30	5631	1179	120	1382
Halstead, Willard, assignor to Engelberg Huller Company Syracuse, N. Y. Grinding-mill	812,737	Feb. 13	2440	535	120	2061
Halstein, Frank H., Wheaton, Ill. Washing-machine	811,291	Jan. 30	5451	1136	120	1344
Halverson, Halver O., Hawley, Minn. Bundle-loader	839,288	Dec. 25	3984	855-6	125	2470
Halverson, Oscar F., Janesville, Wis. Leaf-turner	833,323	Oct. 16	2639	554-5	124	1945
Halvorsen, Oscar, Modesto, Cal. Ditching-level	824,479	June 26	4469	947	122	2862
Halvorsen, Oscar, Modesto, Cal. Leveling-staff	826,246	July 17	3155	655	123	830
Halvorson, Lars, Willman, and I. Johnson, Chokio; said Halvorson assignor to J. J. McCanney, Stevens county, Minn. Cuspidor-cleaner	826,637	July 24	4037	836	123	1072
Ham, Alice M., Kent, Wash. Vegetable-boiler	816,858	Apr. 3	617	129	121	1495
Ham, Ernest. (See Wulff and Ham.)						
Ham, Henry C., assignor to Rude Brothers, Liberty, Ind. Disk drill	810,858	Jan. 23	4551	947-8	120	1115
Ham, Henry C., assignor to Rude Brothers Manufacturing Company, Liberty, Ind. Grain-drill tube	814,957	Mar. 13	1894	398	121	469
Ham, James T., Mineral Wells, Tex. Churn-operator	819,649	May 1	1204	265	122	270
Ham, Simeon, assignor of one-half to A. H. Timmerman, Indianapolis, Ind. Cooling means for explosive-engine cylinders	810,643	Jan. 23	4165	860	120	1031
Hamacheck, Julius. (See Hamilton and Hamacheck.)						
Hamacheck, Frank, Kewaunee, Wis. Guard-finger for harvesters, &c.	817,425	Apr. 10	1746	367	121	1800
Hamacheck, Frank, Kewaunee, Wis. Guard-finger for mowers or reapers	821,635	May 29	5314	1134	122	1416
Hamacheck, Frank, Kewaunee, Wis. Attachment for cutting mechanism	821,636	May 29	5318	1134	122	1417
Hamacheck, Frank, Kewaunee, Wis. Drag-saw	825,315	July 10	1254	264-5	123	344
Hamacheck, Frank, Kewaunee, Wis. Harvester	827,723	Aug. 7	50	11	123	1682
Hamacheck, Frank, Kewaunee, Wis. Guard-finger for mowers or reapers	827,724	Aug. 7	56	11	123	1684
Hamaker, W. D. (See McCrosky, Frederick B., assignor.)						
Hamann, Christel, Friedenau, near Berlin, Germany. Calculating-machine	832,666	Oct. 9	1307	263-4	124	1567
Hamann, Herman, Beaver creek, Minn. Traction-engine tender	811,060	Jan. 30	4975	1038-9	120	1242

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hamann, Richard W., assignor to E. J. Feiner, St. Louis, Mo. Rotary engine.....	824,647	June 26	4794	1022	122	2933
Hamann, Richard W., assignor to E. J. Feiner, St. Louis, Mo. Rotary engine.....	824,648	June 26	4796	1022	122	2933
Hambay, James T., New York, N. Y. Signaling apparatus.....	808,984	Jan. 2	727	157	120	161
Hambay, James T., New York, N. Y. Clip for detector-bars.....	824,355	June 26	4193	896	122	2804
Hambay, James T., New York, N. Y. Detector-bar.....	838,709	Dec. 18	2845	612	125	2146
Hambright, William B., and A. E. Powell, Kearney, N. J. Merry-go-round.....	832,902	Oct. 9	1789	369	124	1683
Hambruch, Heinrich F., assignor of one-half to F. W. G. H. Fischer, Hamburg, Germany. Pencil-sharpener.....	831,861	Sept. 25	3961	828	124	1093
Hamburger, Leon, <i>et al.</i> (See Darley, John W., Jr., assignor.)						
Hamburger, Philip, <i>et al.</i> (See Darley, John W., Jr., assignor.)						
Hamel, Louis C., Appleton, Wis. Sign.....	813,554	Feb. 27	4080	894	120	2523
Hamel, Nathan S. V., Portland, Me. Force-draft.....	838,184	Dec. 11	1834	395	125	1856
Hames, Joseph C., Colorado City, Colo. Rack-and-pinion mechanism.....	817,369	Apr. 10	1621	343	121	1774
Hames, William J. M., Atlanta, Ga. Cleaning and polishing device.....	817,766	Apr. 17	2403	515	121	1996
Hamfeldt, George K., Munhall, and D. Cabbage, Swissvale, Pa. Apparatus for making artificial sand.....	812,650	Feb. 13	2278	495	120	2028
Hamill, Margaret E., Fostoria, assignor, by mesne assignments, to F. Van Buskirk Company, Cleveland, Ohio. Moistener or softener for wall-paper, paint, &c.....	827,864	Aug. 7	342	73	123	1755
Hamilton, Abram S., Nanaimo, British Columbia, Canada. Coal-cutting machine.....	830,586	Sept. 11	1403	290	124	376
Hamilton, Abram S., Nanaimo, British Columbia, Canada. Line-adjusting device.....	831,862	Sept. 25	3962	828	124	1094
Hamilton, Alfred R. (See Safford, Harry E., assignor.)						
Hamilton, Belton T., Finchley, and L. Stroud, London, England. Locking device.....	830,146	Sept. 4	491	99-100	124	124
Hamilton, Brace H. (See Callan and Hamilton.)						
Hamilton, C. L., <i>et al.</i> (See Kitsee, Isidor, assignor.)						
Hamilton, Charles, <i>et al.</i> (See Northrop Claude S., assignor.)						
Hamilton, Charles M., <i>et al.</i> (See Woodward, Anderson, assignor.)						
Hamilton, Coello, Plymouth, Mich. Rifle construction.....	830,587	Sept. 11	1405	291	124	376
Hamilton, Edward H., Anaconda, Mont. Treating copper ores.....	837,562	Dec. 4	559		125	1495
Hamilton, Elisha N., assignor of one-half to W. E. Armstrong, Galveston, Ind. Dump and scoop board.....	834,380	Oct. 30	5002	1058-9	124	2613
Hamilton, Erastus, Chicago, Ill. Rail-joint.....	832,667	Oct. 9	1314	264	124	1569
Hamilton, Evelyn S., Adrian, Mich. Cross-arm for electrical construction.....	838,537	Dec. 18	2522	545	125	2066
Hamilton, Frank H. (See Hellman, Henry N., assignor.)						
Hamilton, Fred A., and W. A. Linker, Arlington, N. C. Fertilizer-distributor.....	821,485	May 22	5029	1071	122	1297
Hamilton, Fred A., and W. A. Linker, Arlington, N. C. Plow.....	821,486	May 22	5031	1071	122	1297
Hamilton, Fred L., administrator. (See Hamilton, Miles E.)						
Hamilton & Hamilton, Jr. (See Fuller, James A., assignor.)						
Hamilton & Hamilton, Jr. (See Phillips, Edgar A., assignor.)						
Hamilton & Hamilton, Jr. (See Presbrey, Edward F., assignor.)						
Hamilton, Harrison A., Myers, Ky. Combination-tool.....	814,039	Mar. 6	81	15	121	19
Hamilton, Henry P. (See Moses and Hamilton.)						
Hamilton, Henry P., Two Rivers, and J. Hamacheck, Manitowoc, assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Machine for dressing wooden blocks to thickness.....	833,163	Oct. 16	2297	482	124	1857
Hamilton, Hugh. (See Bettis, William L., assignor.)						
Hamilton, James, New York, N. Y. Dredging apparatus.....	816,161	Mar. 27	4424	936	121	1121
Hamilton, James H. (See Tver and Hamilton.)						
Hamilton, John, Byesville, Ohio. Mine-car stop.....	836,880	Nov. 27	3956	845	125	1114
Hamilton, John T., Hartford City, Ind. Machine for the manufacture of sheet-glass.....	822,446	June 5	413	84-5	122	1814
Hamilton, Kosciusko. (See Wilson, David M., assignor.)						
Hamilton Machine Tool Company. (See Baerbalck, Hans, assignor.)						
Hamilton Manufacturing Company. (See Hamilton and Hamacheck, assignors.)						
Hamilton Manufacturing Company. (See Moses and Hamilton, assignors.)						
Hamilton, Merrill T., Newport, Vt. Milking-stool.....	815,425	Mar. 20	2930	608	121	746
Hamilton, Miles E., deceased; F. L. Hamilton, administrator, assignor of one-half to J. H. Crouse, Auburn, N. Y. Horse-collar.....	826,424	July 17	3489	726-7	123	913
Hamilton, Millard W., Snyder, Va. Silo-door.....	831,279	Sept. 18	2792	589	124	757
Hamilton, Thomas J., New York, N. Y. Wardrobe-trunk.....	810,203	Jan. 16	3216	666	120	785
Hamilton, W. F., <i>et al.</i> (See Kitsee, Isidor, assignor.)						
Hamilton Watch Company. (See Hoffmeier, Samuel R., assignor.)						
Hamilton, Willis D. (See Gilbert, George T., assignor.)						
Hamlin, George A., <i>et al.</i> (See Baldwin, Barlow, assignor.)						
Hamm, Anton F. (See Hamm, Joseph and A. F.)						
Hamm, Edward F. (See Beck, John F., assignor.)						
Hamm, John, Minneapolis, Minn. Flask for molding concrete blocks.....	810,053	Jan. 16	2923	609	120	727
Hamm, John, assignor of one-tenth to Miracle Pressed Stone Company, Minneapolis, Minn. Flask for molding concrete blocks. (Reissue).....	12,580	Dec. 18	3549	767	125	2320
Hamm, Joseph and A. F., New York, N. Y. Clothes-line fastener.....	820,715	May 15	3409	729	122	878
Hamm, Rhendolo H. (See Clark, Arthur J., assignor.)						
Hamm, William S., Lakeside, Ill. Lantern.....	836,809	Nov. 27	3826	815	125	1080
Hamm, William S., Chicago, Ill., assignor to Adams and Westlake Company. Lantern.....	829,331	Aug. 21	3326	700	123	2563
Hamm, William S., Lakeside, and C. I. Mitchell, Chicago, Ill. Lantern-burner.....	826,934	July 24	4565	950	123	1205
Hammeck, Martin V., Jacksonale, Va. Cooking-range.....	821,487	May 22	5032	1071	122	1297
Hammar, Oscar F., Leeburg, Pa. Cigarette-roller.....	823,217	June 12	2009	418	122	2214
Hammar, Sigard A. S. (See Meigs and Hammar.)						
Hammar, Sigard A. S., assignor to Bethlehem Steel Company, South Bethlehem, Pa. Sight for ordnance.....	810,644	Jan. 23	4166	860	120	1031
Hammar, Sigard A. S., assignor to Bethlehem Steel Company, South Bethlehem, Pa. Firing-gear.....	827,725	Aug. 7	59	12	123	1684
Hammarlund, Oscar, assignor of one-half to A. Forman, New York, N. Y. Stand for liquid-containing vessels.....	816,317	Mar. 27	4720	1002	121	1185
Hammel, Charles A., Los Angeles, Cal. Hydrocarbon-burner.....	834,469	Oct. 30	5158	1095-6	124	2652
Hammen, Charles, assignor of one-half to J. Mohr, Chicago, Ill. Valve-gear.....	833,164	Oct. 16	2301	482-3	124	1857
Hammer, Aleksander O. and G. Christiania, Norway. Net-making machine.....	809,611	Jan. 9	2035	422-3	120	479
Hammer, Charles, assignor of one-third to C. H. Werner, New York, N. Y. Bottle-closure.....	821,488	May 22	5035	1072	122	1298
Hammer, Conrad, Buffalo, N. Y. Tapping device.....	831,224	Sept. 18	2659	559	124	721
Hammer, Frank A. (See Yahraus and Hammer.)						
Hammer, Gustav. (See Hammer, Aleksander O. and G.)						
Hammer, John A., Elkton, assignor of one-half to A. P. Bertelsen, Brookings county, S. D. Harness-hanger.....	829,332	Aug. 21	3328	701	123	2564
Hammer, Joseph H., assignor of one-half to T. W. Saxton, Sunbury, Pa. Hinge.....	825,050	July 3	727	152	123	195
Hammer, Justin J., Red Bluff, Cal. Graphophone.....	836,032	Nov. 13	2209	473	125	593
Hammer, Lee F., Stockton, Cal. Device for preventing the deceptive refilling of bottles.....	822,363	June 5	268	56	122	1784
Hammer, Lee F., Stockton, Cal. Device for preventing the deceptive refilling of bottles.....	822,364	June 5	269	57	122	1784
Hammer, Milton E. (See Mackin and Hammer.)						
Hammer, Thomas J., Portland, Oreg. Grate for cooking-stoves.....	828,545	Aug. 14	1718	362	123	2124

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g	Vol.	Page.
Hammerschlag, Johann, Strassburg, Germany. Preparing manure.	838,108	Dec. 11	1665		125	1814
Hammersmith, Edward W., Congress Park, Ill. Means for delivering and catching mail-pouches.	822,447	June 5	414	85	122	1814
Hammerstein, Oscar, New York, N. Y. Fire-extinguishing device.	821,938	May 29	5918	1259	122	1549
Hammerstein, Oscar, New York, N. Y. Apparatus for producing cigar-bunch structures.	826,028	July 17	2743	567	123	733
Hammesfahr, Ernst, Solingen, near Foche, Germany. Manufacturing cutlery.	815,699	Mar. 20	3454		121	861
Hammesfahr, Julius, Vailsburgh, N. J. Lock.	831,863	Sept. 25	3964	828-9	124	1094
Hamnick, Walter, Pittsburg, Pa. Coal compound.	838,403	Dec. 11	2260		125	1958
Hammon, W. P. (See Peake and Henderson, assignors.)						
Hammond, Albert J., Ben Lomond, Cal. Pruning-shears.	838,504	Dec. 11	2442	531	125	2003
Hammond-Hamburger Company. (See Borne, John F., assignor.)						
Hammond, Herbert, Cradley Heath, England, assignor to J. W. Nelson, New York, N. Y. Pump for hydraulic jacks and other purposes.	833,457	Oct. 16	2933	623	124	2015
Hammond, James B., New York, N. Y. Printing mechanism for type-writers.	825,966	July 17	2619	544	123	700
Hammond, James B., New York, N. Y. Type-writer shuttle and driving mechanism therefor.	825,967	July 17	2620	545	123	701
Hammond, James B., New York, N. Y. Type-writer shuttle and driving mechanism.	825,968	July 17	2622	545	123	701
Hammond, John F., New York, N. Y. Dynamometer.	814,373	Mar. 6	758	153	121	168
Hammond, John F., Brewster, N. Y. Electric furnace.	817,767	Apr. 17	2405	515	121	1996
Hammond, John F., Brewster, N. Y. Suspended electric dental motor.	820,781	May 15	3529	757	122	906
Hammond, John F., Brewster, N. Y. Electric furnace.	825,386	July 10	1402	294	123	383
Hammond, Owen E., Belvidere, Ill. Pencil-sharpener.	830,663	Sept. 11	1572	324	124	423
Hammond, Robert L., Woodsboro, Md. Horn-support.	835,678	Nov. 13	1583	338	125	442
Hammond, Robert O., Buffalo, N. Y. Combined cigar-clipper and match-safe.	815,700	Mar. 20	3455	721	121	862
Hammond, Robert O., assignor, by mesne assignments, to Shulman Automatic Novelty Company, Buffalo, N. Y. Shoe-polishing machine.	834,975	Nov. 6	188	41	125	49
Hammond Typewriter Company. (See Ruffin, John A., assignor.)						
Hammond, William R., Atlanta, Ga. Cigar and cigarette holder.	820,570	May 15	3147	677	122	822
Hamor, George D. (See Tomer, John L., assignor.)						
Hampden, Wellesley R., Kansas City, Mo., assignor to Fuel Saver Heating Company. Furnace.	812,789	Feb. 13	2533	556	120	2081
Hampden, Wellesley R., Kansas City, Mo., assignor to Fuel Saver Heating Company. Steam-boiler furnace.	813,380	Feb. 20	3712	816	120	2380
Hampden, Wellesley R., Kansas City, Mo., assignor, by mesne assignments, to Fuel Saver Heating Company. Cooking stove or range.	838,324	Dec. 11	2105	455	125	1920
Hampden, Wellesley R., Kansas City, Mo., assignor to Fuel Saver Heating Company. Heating-stove.	839,580	Dec. 25	4564	973	125	2611
Hampel, Rudolf, New York, N. Y. Check canceling or stamping device.	830,992	Sept. 11	2184	461-2	124	578
Hampson, William H., Cambridge, Mass. Vehicle-jack.	829,205	Aug. 21	3073	646	123	2502
Hampson, William H., Cambridge, Mass. Vehicle-jack.	829,333	Aug. 21	3329	701	123	2564
Hampton, Joseph, Sr., King's Hill, Wednesbury, England. Hacksawing-machine.	810,749	Jan. 23	4346	903	120	1071
Hampton Novelty Company. (See Hampton, Roxanna A., assignor.)						
Hampton, Roxanna A., assignor to Hampton Novelty Company, New York, N. Y. Garment-fitting device.	833,521	Oct. 16	3053	648	124	2043
Hampton, William B., Peggy, Mo. Planter.	835,066	Nov. 6	394	80-1	125	104
Hampton, William H., Beard, Ky. Ice-tongs.	832,727	Oct. 9	1429	288	124	1597
Hampton, Willis H., Canaseraga, N. Y. Fence-wire clamp.	834,976	Nov. 6	191	42	125	50
Hampy, William F., Bucklin, Kans. Machine for sharpening disks.	811,716	Feb. 6	343	75	120	1562
Hancock, Arnold J., Chicago, Ill. Alarm-bell.	814,444	Mar. 6	904	185	121	197
Hanby, William F. (See McGee, James W., assignor.)						
Hanchett, Arthur K. (See Hanchett, Volney H. and A. K.)						
Hanchett, Benjamin S. (See Annable, Warren W., assignor.)						
Hanchett, George T. (See Finnigan and Hanchett.)						
Hanchett, Philemon H., Fairbury, Nebr. Windmill.	814,600	Mar. 6	1193	250	121	258
Hanchett, Volney H. and A. K., Big Rapids, Mich. Swage-shaper for saws.	834,009	Oct. 23	4209	893	124	2306
Hanchett, Volney H. and A. K., Big Rapids, Mich. Swage-shaper for saws.	835,220	Nov. 6	686	141-2	125	174
Hancock, Charles E., Marion, Ind., assignor of one-half to C. R. Hall, Palestine, Tex. Corn picker and husker.	815,817	Mar. 20	3714	783	121	915
Hancock, Eddie W., Savannah, Ga. Journal-lubricator.	818,373	Apr. 17	3631	779	121	2262
Hancock, Frederick. (See Ridgway, Aynsley, and Hancock.)						
Hancock, George W., Birmingham, Ala. Corn-popper.	829,781	Aug. 28	4299	908	123	2849
Hancock, John, Alton, Ill. Rocking swing.	818,622	Apr. 24	4158	984	121	2430
Hancock, Thomas, Holyoke, Mass. Felt-regulating device for paper-machines.	813,288	Feb. 20	3524	777	120	2342
Hancock, William J., Freeland, Colo. Shears.	828,110	Aug. 7	847	174	123	1880
Hand, Clifton D., Riverdale, and F. R. Franson, Chicago, Ill. Tube-expander.	831,720	Sept. 25	3688	771	124	1027
Hand, Harry W. (See Towne, Nathan P., assignor.)						
Hand, Juan F. (See Sheuerman and Hand.)						
Hand, Robert, East Cleveland, Ohio. Fumigating plants.	817,849	Apr. 17	2581	556	121	2036
Handbury Heater Company. (See Walker, Jay B., assignor.)						
Handel, Christopher J., Buffalo, N. Y. Dumping-wagon.	827,973	Aug. 7	559	114	123	1811
Handlan, Alexander H., Jr., St. Louis, Mo. Signal-lamp.	813,885	Feb. 27	4724	1044	120	2661
Handlan, Alexander H., Jr., St. Louis, Mo. Elevator.	837,826	Dec. 4	1070	241	125	1621
Handloser, Edward J., Williamsport, Pa. Mirror.	826,935	July 24	4566	950	123	1206
Handly, Thomas F., Allegheny, Pa. Pencil, penholder, and like article.	828,737	Aug. 14	2097	444	123	2221
Handschug, August B., Kirchberg, assignor to Gebrüder Jacob, Zwickau, Saxony, Germany. Automatic gas-igniter.	817,640	Apr. 10	2157	458	121	1686
Handy Car Equipment Company. (See Sullivan and Dickinson, assignors.)						
Handy, Charles L. P., China, Me. Bottle attachment.	836,033	Nov. 13	2210	473	125	594
Handy, James O., Pittsburg, Pa. Treating ores.	821,637	May 29	5321		122	1418
Handy, James O., Pittsburg, Pa. Treating vanadium ores.	831,280	Sept. 18	2793		124	757
Handy Match Scratcher Company. (See Smith, Gustavus A., assignor.)						
Haneagraaf, Peter A., Rossville, Ill. Family cook and frying pan.	810,859	Jan. 23	4554	948	120	1116
Hanes, Chester, and R. H. Monteith, New Richmond, Ohio. Ellipsograph.	830,784	Sept. 11	1814	376	124	487
Hanes, Frederick A., and W. Staples, District of Muskoka, Canada. Ratchet-wrench.	818,761	Apr. 24	4445	952	121	2493
Hanes, Frederick A., and W. Staples, Huntsville, Ontario, Canada. Ratchet-wrench.	838,109	Dec. 11	1668	359	125	1814
Hanes, George E., Gunnison, Colo. Appliance for railway-cars.	820,782	May 15	3534	757	122	907
Hanes, W. M. (See Robinson, William H., assignor.)						
Haney, Allen O., Shakespear, Ind. Air and gas engine.	817,706	Apr. 10	2261	487	121	1908
Haney, Michael J., Toronto, Canada. Double-interlocking concrete slab-crib.	827,013	July 24	4704	981	123	1238
Haney, Michael J., assignor of one-half to N. M. McLeod, Toronto, Ontario, Canada. Sheet-metal piling.	825,458	July 10	1583	329	123	430
Haney, Samuel, North Manchester, Ind. Journal-box.	818,163	Apr. 17	3220	692	121	2176
Hanger, James E., Washington, D. C. Chair.	809,944	Jan. 16	2674	552	120	673
Hanger, James E., Washington, D. C. Chair.	820,864	May 15	3721	793-4	122	947
Hangl, Karl P., New York, N. Y. Turbine-motor.	838,538	Dec. 18	2524	546	125	2067

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hanimann, Charles, Flushing, assignor to M. G. Lewis, New York, N. Y. Bench-vise...	816,162	Mar. 27	4428	937	121	1122
Hanke, August, Jersey City, N. J. Bottle-labeling machine	834,126	Oct. 23	4480	951	124	2437
Hanke, Wilhelm, Gowarzewo, near Schwesens, Germany. Safety device	810,938	Jan. 30	4760	991	120	1193
Hanken, Edward E., New Douglas, Ill. Gate	811,558	Feb. 6	37	9	120	1493
Hankins, Edward, Batesville, Ind. Staple-puller	838,987	Dec. 18	3335	721	125	2262
Hankinson, Job L. (See Warwood, Joseph T. H., assignor.)						
Hanks, Edith, assignor of one-half to G. B. Anderson, Denison, Tex. Child's garment	839,139	Dec. 25	3691	796	125	2400
Hanks, Elmer E., Winthrop Harbor, Ill. Cigar-holder for billiard and pool tables	809,441	Jan. 9	1697	349	120	406
Hanks, Marshall W., assignor to G. Westinghouse, Pittsburg, Pa. Applying terminals to the glowers of electric lamps	822,365	June 5	270	57	122	1785
Hanley, Edward W., et al. (See Yoe, Philip, assignor.)						
Hanley, Patrick J., Elizabeth, N. J. Shuttle holder and driver for sewing-machines	811,499	Jan. 30	5811	1216	120	1418
Hanley, Timothy, Boston, Mass. Boat	829,782	Aug. 28	2098	444-5	123	2222
Hanlin, Stewart J., Allegheny, Pa. Brake-handle	838,249	Dec. 11	1977	423	125	1888
Hanlon, Leroy M., et al. (See Spies, Peter H. F., assignor.)						
Hanlon, Marquis D., Wilkinsburg, Pa. Insulated rail-joint	837,903	Dec. 4	1232	271	125	1659
Hanlon, Patrick J., Leicester, Mass. Pneumatic bobbin-conveyer for mills	836,320	Nov. 20	2826	600	125	800
Hanly, George A., Elgin, Ill. Indicator	825,208	July 3	1043	219	123	273
Hann, Chester K., Columbus, Ohio. Grass-catcher	824,717	July 3	39	7	123	14
Hanna, Albert D., Dennison, Ohio. Truck	833,924	Oct. 23	3918	831	124	2302
Hanna, Elmer E., Chicago, Ill. Fluid-pressure riveting-machine	823,273	June 12	2127	444	122	2241
Hanna, Elmer E., Chicago, Ill. Fluid-pressure riveting-machine	823,274	June 12	2128	444	122	2241
Hanna, George C. (See Allen and Hanna.)						
Hanna, Max R., Schenectady, N. Y., assignor to General Electric Company. Block-signal system	829,783	Aug. 28	4300	909	123	2849
Hanna, Max R., Schenectady, N. Y., assignor to General Electric Company. Alternating-current block-signal system	835,419	Nov. 6	1103	238	125	278
Hanna, Max R., Schenectady, N. Y., assignor to General Electric Company. Relay	838,404	Dec. 11	2261	488-9	125	1958
Hanna, Nelson G., Kokomo, assignor of three-eighths to V. H. Lockwood, Indianapolis, Ind. Side-delivery buncher for mowers	825,827	July 10	2362	493	123	622
Hanna, Nelson G., Kokomo, assignor of three-fourths to V. H. Lockwood, Indianapolis, Ind. Buncher attachment for mowing-machines	828,738	Aug. 14	4302	909	123	2850
Hannagan, Paul, Lawrence, Mass. Cover and trap for catch-basins and the like	818,164	Apr. 17	3220	692-3	121	2176
Hannagan, Paul, Lawrence, Mass. Snow-plow	830,993	Sept. 11	2187	462	124	579
Hannah, C. G., et al. (See Terrell, George W., assignor.)						
Hannah, Thomas, et al. (See Rosentreter, Albert J., assignor.)						
Hannan, Frank I., Humboldt, S. D. Water-shoe	838,986	Dec. 18	3334	721	125	2262
Hannan, Patrick, Philadelphia, Pa. Dustless ash-sifter and draft-regulator for stoves	830,895	Dec. 11	2006	422	124	536
Hannay, Gerald, et al. (See Rosentreter, Albert J., assignor.)						
Hannis, Charles M., Hudson, Mass. Rubber boot	822,366	June 5	271	57	122	1785
Hannon, Joseph H., Nathan, Mich. Extension-bed	811,216	Jan. 30	5300	1108	120	1310
Hannum, Henry A., Cazenovia, N. Y. Automatic poultry feeder and exerciser	833,717	Oct. 16	3445	735	124	2134
Hannum, Philip E. (See Kee, Henry C., assignor.)						
Hano, Philip, New York, N. Y. Autographic register	831,949	Sept. 25	4147	864	124	1140
Hanover Gas Regenerating Co. (See McKnight, John W., assignor.)						
Hanrahan, Joseph F., Buffalo, N. Y. Drying-kiln	820,865	May 15	3722	794	122	948
Hanreddy, Joseph. (See Mertens, John C., assignor.)						
Hansam, Jacob, et al. (See Thomas, Thomas C., assignor.)						
Hansberger, Henry, Millersport, Ohio. Wire-fence tool	812,265	Feb. 13	1533	334	120	1874
Hansbrough, Hubbard I., Hodgenville, Ky. Bridle	813,886	Feb. 27	4725	1045	120	2661
Hansbrough, P. H. (See Keen, William N., assignor.)						
Hanseom, Adelbert P., Malden, Mass. Pneumatic drill	822,367	June 5	272	57	122	1785
Hanseom, Adelbert P., Medford, Mass., assignor of one-half to J. H. Herron, Detroit, Mich. Rotary motor	825,387	July 10	1410	295	123	384
Hänsel, Adolf, Tyssa, Austria-Hungary. Garment-suspender	830,785	Sept. 11	1816	377	124	487
Hansel, Charles, Rochester, N. Y. Semaphore	811,292	Jan. 30	5452	1136	120	1344
Hansell, Robert C., St. Louis, Mo. Follower for packing-receptacles	837,925	Dec. 11	1280	281	125	1715
Hanselmann, Karl C. J., Baltimore, Md. Shutter-fastener	827,363	July 31	5456	1134	123	1441
Hansen, Carl, Johnson, N. Y. Firearm	835,679	Nov. 13	1585	338	125	443
Hansen, Charles O. (See Gierhart and Hansen.)						
Hansen, Emil E., New Britain, Conn., assignor of one-third to N. A. Miller, Corning, N. Y. Hinge	829,070	Aug. 21	2764	581	123	2422
Hansen, Gustaf L., Rockford, Ill. Measurement-indicator	820,303	May 8	2604	567	122	643
Hansen, Gustav A. (See Krag and Hansen.)						
Hansen, Hans, Rock Island, Ill. Gage	833,598	Oct. 16	3218	684	124	2083
Hansen, Hans C., Newton, Mass. Matrix-truing machine. (Reissue)	12,545	Oct. 23	4705	996	124	2492
Hansen, Hans H., Chicago, Ill. Electromagnet	833,741	Oct. 23	3488	744	124	2193
Hansen, Hans K., Sioux City, Iowa. Vending-machine	809,563	Jan. 9	1928	400	120	457
Hansen, Hans T., Wauwatosa, Wis. Motor-driven vehicle	812,338	Feb. 13	1668	367	120	1905
Hansen, Hans T., assignor to Four Wheel Drive Wagon Company, Milwaukee, Wis. Brake mechanism	838,110	Dec. 11	1669	359-60	125	1814
Hansen, Harald J., La Crosse, Wis. Combined rubber-dam clamp and holder	827,236	July 31	5218	1083	123	1384
Hansen, Henry, Chicago, Ill. Sash-cord fastener	815,587	Mar. 20	3216	676	121	808
Hansen, John S., Brockton, Mass., assignor to O. A. Miller Treeing Machine Company, Portland, Me. Form for boots and shoes	834,053	Oct. 23	4307	915	124	2391
Hansen, Julius W., Princeton, Ind. Safety jewelry-catch	836,969	Nov. 27	4148	885	125	1157
Hansen, Marius H., Chicago, Ill. Weighing-scale	821,035	May 22	4127	877	122	1098
Hansen, Max, Berlin, Germany. Kinematographic camera	812,845	Feb. 20	2652	580	120	2152
Hansen, Ole, Escanaba, Mich. Mail-bag crane	826,721	July 24	4160	865	123	1104
Hansen, Peter C., Fairfield, Wash. Automatic cut-off	817,707	Apr. 10	2263	487	121	1908
Hansen, William L., and A. Hayes, Coalville, Utah. Automatic device for dumping cars	817,972	Apr. 17	2844	616	121	2095
Hanser, Joseph, Mannheim, Tex. Valve-gear for engines	824,011	June 19	3558	760	122	2609
Hansford, Thomas B., Maxeys, Ga. Plow	832,477	Oct. 2	921	179	124	1436
Hansmann, Wilhelm, Lastrup, Minn. Traction-drive for locomotives	839,140	Dec. 25	3692	796	125	2400
Hanson, Adolph F., Gowrie, Iowa. Clutch	828,027	Aug. 7	681	141	123	1840
Hanson, Alexander, Chicago, Ill. Spring-stilt	822,448	June 5	416	85	122	1815
Hanson, Barney. (See Renstrom, Oscar, assignor.)						
Hanson, Bengt M. W., Hartford, Conn. Valve-actuating mechanism	826,502	July 17	3701	767	123	973
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Tool-holder	809,257	Jan. 2	1298	264	120	286
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Adjustable support for metal-working tools	813,381	Feb. 20	3714	816-17	120	2381
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Mechanism for actuating chucks	814,647	Mar. 6	1286	270-1	121	278
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Chuck for metal-working machines	814,648	Mar. 6	1291	271-2	121	279

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Feed-adjusting device for the cross-slides of metal-working machines.	814,649	Mar. 6	1296	272	121	280
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Hand and power controlled gearing.	825,647	July 10	2017	422	123	538
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Chuck-actuating mechanism.	826,501	July 17	3699	766	123	973
Hanson, Frederick, <i>et al.</i> (See Dackiewicz, Charles, assignor.)						
Hanson, Frederick O., Underwood, N. D. Bicycle-boat.	833,599	Oct. 16	3219	685	124	2084
Hanson, Joseph, Inwood, Iowa. Lubricator.	834,520	Oct. 30	5255	1117	124	2677
Hanson, Hans, Minneapolis, Minn. Calculating-machine.	816,318	Mar. 27	4723	1002-4	121	1186
Hanson, Hans, Brooklyn, N. Y. Calculating-machine and type-writer attachment.	816,319	Mar. 27	4737	1004-7	121	1188
Hanson, Harry, assignor to M. A. Hanson, San Francisco, Cal. Sliced-potato separator.	824,861	July 3	366	69	123	100
Hanson, Herbert S., Caledonia, Ill. Attachment for straw-carriers.	830,588	Sept. 11	1407	291	124	377
Hanson, Jacob P., New York, N. Y. Fire-hoe.	830,147	Sept. 4	493	100	124	124
Hanson, John H., and J. J. Petrabor, Aitkin, Minn. Vehicle.	812,937	Feb. 6	1019	222	120	1696
Hanson, Joseph, Inwood, Iowa. Lubricator.	811,917	Feb. 6	736	161	120	1640
Hanson, Marie A. (See Hanson, Harry, assignor.)						
Hanson, Michael F., Philadelphia, Pa. Non-refillable bottle.	811,217	Jan. 30	5301	1109	120	1310
Hanson, Nels T., Hawarden, Iowa. Cooker.	827,014	July 24	4706	981	123	1239
Hanson, Nelson T., <i>et al.</i> (See Kneeder, John D., assignor.)						
Hanson, Nelson T. (See Kneeder, Van Sickle, Couch, and Hanson.)						
Hanson, Ole. (See Andersen, Peder, assignor.)						
Hanson, Ole, Mercur, Utah. Miner's tool.	826,569	July 24	3858	798	123	1026
Hanson, Paul, St. Paul, Minn. Knotter mechanism for grain-binders.	813,698	Feb. 27	4348	957-8	120	2579
Hanson, Paul, St. Paul, Minn. Mower.	819,349	May 1	634	134-5	122	146
Hanson, Paul, St. Paul, Minn. Mowing-machine.	837,058	Nov. 27	4347	922-3	125	1206
Hanson, Peter E., Galveston, Tex. Motor-vehicle.	813,044	Feb. 20	3038	669	120	2237
Hanson, Sigvart, Racine, Wis. Floor-hinge.	815,011	Mar. 13	2021	424	121	496
Hanson, Thomas M., <i>et al.</i> (See Morgan, John J., assignor.)						
Hanssen, Reinert, Frankford, Pa. Pantograph.	834,470	Oct. 30	5160	1096	124	2652
Hanssen, Reinert, Frankford, Pa. Lettering-guide.	835,680	Nov. 13	1586	338-9	125	443
Hansson, Henrik F. (See Hansson, John H., assignor.)						
Hansson, John H., Sparrows Point, assignor to H. F. Hansson, Baltimore, Md. Floating dock.	820,109	May 8	2225	483-4	122	559
Hastine, Harry S., and J. F. Thompson, Pittsburg, Pa. Fastener.	814,445	Mar. 6	905	186	121	197
Hantgen, Frank H. J., <i>et al.</i> (See Mitchell, Ira G., assignor.)						
Hanwell, Herbert W., Northampton, England. Lamp-pendant.	820,414	May 15	2827	615	122	750
Happ, George L., and C. C. Houck, Mohrsville, Pa. Pole-carrier for wagons.	838,185	Dec. 11	1835	393	125	1857
Happ, Johann B., Zürich, Switzerland. Faucet.	829,524	Aug. 28	3762	797	123	2718
Happel, Jacob, Anchorage, Ky. Wagon-brake.	812,339	Feb. 13	1669	367	120	1906
Haptonstall, Frank A., Covington, Va. Rail-joint.	819,062	May 1	50	11	122	15
Harah, William H., <i>et al.</i> (See Dill, Charles H., assignor.)						
Harbaugh, George E., <i>et al.</i> (See Williams, Charles C., assignor.)						
Harbeck, Jervis R., assignor to Gem Fibre Package Company, Detroit, Mich. Container-closure.	814,374	Mar. 6	759	153	121	168
Harber, Thomas W., Dudenville, Mo. Spike-puller.	815,701	Mar. 20	3458	722	121	862
Harbert, William W. (See Davis, Thomas A., assignor.)						
Harbin, Zeddie L., assignor of one-half to G. H. Smathers, Canton, N. C. Churn.	818,537	Apr. 24	3976	854	121	2390
Harbison, Clarence W. (See Maher and Harbison.)						
Harbison, Dickson T., Robinson, Ill. Shipping-crate.	830,227	Sept. 4	664	133	124	168
Harbord, Frederick G., Philadelphia, Pa. Power transmission.	836,575	Nov. 20	3318	707	125	916
Harbord, Frederick G., Philadelphia, Pa. Hoist.	837,904	Dec. 4	1234	271	125	1660
Harbrecht, William F., Sandusky, and F. Boerger, Delphos, Ohio. Suction-box.	831,155	Sept. 18	2537	535	124	692
Harcharick, Emro, Wilkes-Barre, Pa. Air-feeding device.	814,650	Mar. 6	1297	272-3	121	280
Harcharick, Emro, Wilkes-Barre, Pa. Grate and fuel feeder.	820,783	May 15	3536	758	122	908
Harcharick, Emro, Wilkes-Barre, Pa. Fuel-feeding device.	824,356	June 26	4194	897	122	2804
Harcourt, George A., Toronto Junction, Canada. Oil-can.	820,784	May 15	3537	758	122	908
Harcastle, Edward, Stockport, England. Compound which forms an emulsion with water to be applied to the surfaces of roads or other places.	819,012	Apr. 24	4919		121	2596
Hardee, Virginia E., Beaumont, Tex. Bandage.	815,426	Mar. 20	2932	608	121	747
Harden, David. (See Ruth and Harden.)						
Harden, George, Toledo, Ohio. Invalid-bed.	822,119	May 29	6263	1333-4	122	1629
Harden, James A., Andalusia, Ala. Cotton-chopping machine.	812,738	Feb. 13	2441	536	120	2061
Härden, Johannes, Schenectady, N. Y., assignor to General Electric Company. Electric heater.	819,650	May 1	1206	265	122	271
Harden, William I. F., Hartford, Kans. Railway-tie.	816,463	Mar. 27	5044	1071	121	1252
Harden, William I. F., Washington, D. C. Railway-tie.	833,048	Oct. 9	2062	434	124	1749
Hardenbergh, John C., assignor of one-fourth to E. S. Gaylord, Cleveland, Ohio. Train-controlling device.	813,887	Feb. 27	4726	1045	120	2661
Hardenburg, Howard R., Saginaw, Mich. Sand and cavings pump.	819,063	May 1	51	11	122	15
Hardenburg, Howard R., and F. Sager, Saginaw, Mich. Well-reamer.	815,012	Mar. 13	2026	425	121	497
Hardenburgh, Julius, <i>et al.</i> (See Metzger, Emanuel, assignor.)						
Hardesty, Blair, Clarksburg, W. Va. Writing implement.	837,827	Dec. 4	1080	241	125	1621
Hardesty, Edward M., Brooklyn, N. Y., assignor to Leatheroid Manufacturing Company, Kennebunk, Me. Trunk.	831,064	Sept. 18	2359	497	124	653
Hardesty, Roy E., Louisville, Ky. Vehicle-spring.	828,206	Aug. 7	1010	210-11	123	1918
Hardesty, Thornton S., Rivesville, W. Va. Chain-machine splitter-bit.	817,850	Apr. 17	2583	557	121	2036
Hardgrove, Henry M., Madison, Wis. Separator.	812,340	Feb. 13	1671	367-8	120	1906
Hardie, Charles G., Buffalo, N. Y. Electric brake.	829,334	Aug. 21	3331	701	123	2565
Hardie, Frank, New Orleans, La. Filter.	823,527	June 19	2643	555	122	2410
Hardie, James G., Canton, N. Y. Paper-cutting machine.	823,119	June 12	1796	369-70	122	2167
Hardie, Robert. (See Larsen and Hardie.)						
Hardie, Robert W., New York, N. Y. Barrel.	814,375	Mar. 6	761	153	121	168
Hardie, Robert W., New York, N. Y. Barrel.	826,847	July 24	4397	915	123	1164
Harding, Charles A., Terre Haute, Ind. Level.	837,059	Nov. 27	4352	923	125	1207
Harding, Henry M. (See Clark, Charles M., assignor.)						
Harding, Henry M., New York, N. Y. Means for controlling overhead electric carriers.	809,798	Jan. 9	2384	493	120	557
Harding, Henry M., New York, N. Y. Overhead electric carrier.	809,799	Jan. 9	2385	493-4	120	557
Harding, Henry M., New York, N. Y., and C. M. Clark, Summit, N. J. Multiple-unit control system.	821,287	May 22	4610	983	122	1204
Harding, James, Maiden Bradley, near Bath, England. Apparatus for making cheese.	814,046	Mar. 6	83	15	121	20
Harding, Lee C., assignor of one-half to M. L. Harding, Mannington, W. Va. Dinner-pail.	832,789	Oct. 9	1553	320	124	1626
Harding, Melvin L. (See Harding, Lee C., assignor.)						
Harding, Melvin L., and A. I. Hoxworth, Mannington, W. Va. Toy.	817,316	Apr. 10	1524	320	121	1752

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Harding, Samuel B., Waukesha, Wis. Machine for spreading slitted metal	827,441	July 31	5650	1171-2	123	1487
Harding, Samuel B., Waukesha, Wis. Aerial ferry.....	831,225	Sept. 18	2661	560	124	722
Hardison, Edwin A., Bakersfield, Cal. Wrench.....	818,025	Apr. 17	2950	637	121	2118
Hardman, Charles C., Mansfield, Ohio. Frog or crossing.....	819,992	May 8	1954	432-3	122	496
Hardman, Edgar B., Joppa, W. Va. Rail-joint.....	819,882	May 8	1688	362	122	442
Hardman, Frederic. (See Daighesh and Hardman.)						
Hardman, Peter, Willimantic, Conn., assignor to American Thread Company, Jersey City, N. J. Bobbin-shaft attachment for twister-fliers.....	819,134	May 1	196	40	122	50
Hardman, Shannon A., Elkins, W. Va. Controlling attachment for type-writers.....	817,242	Apr. 10	1378	289-90	121	1724
Hardsoeg, Lester C., Ottumwa, Iowa. Rock and coal drill.....	808,837	Jan. 2	418	92	120	93
Hardsoeg, Martin, Ottumwa, Iowa. Pneumatic hammer.....	819,425	May 1	788	170	122	178
Hardsoeg Wonder Drill Company. (See Smith, Clark J., assignor.)						
Hardwick, Penton A., Colorado City, assignor to Acme Gold Saver Manufacturing & Mining Company, Colorado Springs, Colo. Ore-concentrator.....	832,971	Oct. 9	1914	399	124	1711
Hardwick, Penton A., Colorado City, assignor to Acme Gold Saver Manufacturing & Mining Company, Colorado Springs, Colo. Ore-separator.....	832,972	Oct. 9	1917	399-400	124	1712
Hardwicke, William L., assignor of one-half to G. W. Wynant, Richmond, Va. Static discharger.....	836,576	Nov. 20	3319	707	125	916
Hardy, Alfred R., and R. N. Adams, Dunedin, New Zealand. Sash mover and lock.....	820,415	May 15	2828	615-16	122	750
Hardy, Benjamin J. (See Darby, Edwin, assignor.)						
Hardy, Periam B., Tecumseh, Mich. Therapeutic pad.....	813,092	Feb. 20	3137	687	120	2259
Hare, Franklin C., assignor to Cyphers Incubator Company, Buffalo, N. Y. Brooder.....	814,041	Mar. 6	84	15-16	121	20
Hare, Percy R. (See Johnson and Hare.)						
Hare, Will C. (See Mullins and Hare.)						
Harfist, Henry F., Meta, Mo. Animal-trap.....	835,521	Nov. 13	1284	275	125	369
Hargrave, Russell W., Ann Arbor, Mich. Speed-meter.....	816,089	Mar. 27	4284	908	121	1092
Hargreaves, Frank L., North Adams, Mass. Window-sash ventilator.....	815,818	Mar. 20	3716	783	121	915
Haring, William N., Nyack, N. Y. Electric-railway system.....	812,790	Feb. 13	2535	557-8	120	2081
Harker, Hyrum S., assignor of one-half to J. Hulse, Murray, Utah. Plow.....	821,713	May 29	5489	1169	122	1453
Harlan, Byron G. (See Klein, Rudolph, assignor.)						
Harles, Martin, St. Louis, Mo. Dumping-wagon.....	812,739	Feb. 13	2443	536	120	2062
Harless, Charles R., Dayton, Wash. Oil-can.....	819,217	May 1	365	79	122	88
Harley, Cornelius O., Springfield, Mass. Metal-planing machine.....	837,060	Nov. 27	4353	923	125	1207
Harlee, Elizabeth C., Raleigh, N. C. Traveler's grip-cot.....	815,819	Mar. 20	3717	783-4	121	915
Harlow, Lamech, Vancouver, Canada. Temperature-indicator and automatic fire-extinguisher for drying-kilns and the like.....	820,571	May 15	3148	677-8	122	822
Harlow, William H., Brooklyn, N. Y. Nut-lock.....	830,589	Sept. 11	1408	291	124	377
Harman, Edwin L., North Manchester, Ind. Automatic signaling and detecting device for vending-machines or the like.....	830,064	Sept. 4	308	62-3	124	75
Harman, Gustav, Holyoke, Mass. Oven for baking sand cores.....	839,581	Dec. 25	4566	973-4	125	2611
Harman, James L. (See Shaffer and Harman.)						
Harmet, Henri, St. Etienne, France. Compressing steel in conical molds.....	811,143	Jan. 30	5148	1076	120	1277
Harmon, Anthony, et al. (See Gaynor, John J., assignor.)						
Harmon, Frank L., Beverly, Mass. Automatic motory manufacturing-machine.....	814,004	Feb. 27	4952	1095-7	120	2706
Harmon, Frank L., Beverly, Mass. Elastic vehicle-wheel.....	818,957	Apr. 24	4812	1035	121	2572
Harmon, Frank L., Beverly, Mass. Sewing-machine.....	826,570	July 24	3859	798-9	123	1026
Harmon, Frank L., Beverly, Mass. Machine for skiving and folding leather. (Reissue.)	12,535	Oct. 2	1121	225-6	124	1484
Harmon, Willis E., Mechanic Falls, Me., assignor to American Electrolytic Company, Philadelphia, Pa. Mercurial alkaline process.....	814,692	Mar. 13	1410		121	368
Harmony, William P., Sidney, Ohio. Guide-board and sign.....	829,206	Aug. 21	3075	646	123	2502
Harn, George U., Jr. (See Smith and Harn.)						
Harnan, John M., et al. (See Horrall, William A., assignor.)						
Harnish, Frank G., Alice, N. D. Label-holder.....	833,049	Oct. 9	2065	434	124	1750
Harold, Emma. (See Harold, James J., assignor.)						
Harold, James J., assignor, by mesne assignments, to E. Harold, Jersey City, N. J. Metal piling.....	808,838	Jan. 2	420	92	120	93
Harold, James J., assignor, by mesne assignments, to E. Harold, Jersey City, N. J. Metal piling.....	808,985	Jan. 2	728	157	120	161
Harold, James J., assignor, by mesne assignments, to E. Harold, Jersey City, N. J. Metal piling.....	820,304	May 8	2605	567	122	643
Harold, James J., assignor, by mesne assignments, to E. Harold, Jersey City, N. J. Metal piling.....	820,970	May 22	3990	847	122	1069
Harp, Charles A., King, Tex. Chicken-coop.....	824,242	June 26	3990	854	122	2761
Harp, Frank P., deceased, Collinwood; K. Harp, administratrix, assignor of one-half to R. A. Bowers, Cleveland, Ohio. Car-window.....	833,132	Oct. 9	2226	469	124	1793
Harp, Kate, administratrix. (See Harp, Frank P.)						
Harper, Andrew J., Dalton, assignor of one-half to L. F. Shelton, Sr., Providence, Ky. Drag.....	822,207	May 29	6427	1365	122	1666
Harper, Charles W., Malden, Mass. Battery.....	825,882	July 10	2460	513	123	645
Harper, Christopher C., Audubon, Iowa. Card-mounting.....	812,993	Feb. 20	2940	648	120	2216
Harper, James E., Assumption, Ill. Rarefied-air apparatus for the treatment of pulmonary tuberculosis.....	826,029	July 17	2745	568	123	734
Harper, James M., assignor to Harper Supply Co., Chicago, Ill. Sad-iron.....	820,643	May 15	3258	700	122	845
Harper, James M., assignor to Harper Supply Co., Chicago, Ill. Caster.....	824,422	June 26	4353	926	122	2835
Harper, Jeremiah J., Indian Orchard, Mass. Adjustable support for shades and curtains.....	830,319	Sept. 4	845	173	124	211
Harper, Lewis G., Westchester, Pa. Milking device.....	810,750	Jan. 23	4348	904	120	1071
Harper, Lewis G., West Chester, Pa. Milking device.....	826,030	July 17	2746	568	123	734
Harper, Marcellus, Cainesville, Mo. Wire-stretcher.....	833,324	Oct. 16	2641	555	124	1946
Harper, Percy E., Wellston, Ohio. Rail-joint.....	811,779	Feb. 6	454	98	120	1584
Harper, Samuel A., Jr., Peoria, Ill. Embalming-table.....	839,755	Dec. 25	4930	1053	125	2701
Harper Supply Co. (See Harper, James M., assignor.)						
Harper, W. A. (See Ank, Jacob P., assignor.)						
Harper, William D., Loco, Ind. Ter. Window-shade fixture.....	821,412	May 22	4889	1038	122	1266
Harr, Milton K., et al. (See Schauman, Bror M., assignor.)						
Harrah, Philip J., Bloomfield, Ind. Fence-post.....	813,966	Feb. 27	4875	1078	120	2691
Harrah, Philip J., Bloomfield, Ind. Combined vise and drill.....	830,896	Sept. 11	2007	422	124	536
Harrah, James B., Evert, Ark. Vehicle-tongue.....	832,056	Oct. 2	54	13	124	1226
Harrell, Conrad, Whigham, Ga. Whiffletree.....	835,904	Nov. 13	2004	424	125	545
Harrelson, William H. (See Darst and Harrelson.)						
Harrison, Edward, Everett, Wash., assignor of one-half to D. R. Dwyer, Washington, D. C., and E. E. Vernon, Seattle, Wash. Rotary engine.....	821,797	May 29	5652	1205	122	1491
Harrison, Patrick J., McKeesport, Pa. Dust-guard for journal-boxes.....	826,848	July 24	4399	915	123	1164
Harrigan, Patrick J., McKeesport, Pa. Stop for journal-boxes.....	830,832	Sept. 11	1899	397	124	509
Harriman, Frederick C., Yonkers, N. Y. Burglar-alarm.....	812,420	Feb. 13	1828	400-1	120	1937
Harriman, Joseph W., Washington, D. C. Percussion-fuse.....	815,958	Mar. 27	4003	847	121	1028

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr's	Vol.	Page.
Harriman, Norman F., and E. B. Dailey, Omaha, Nebr. Car-coupling knuckle.....	838,325	Dec. 11	2107	455	125	1921
Harriman, W. J. (See Robinson, William H., assignor.)						
Harrington, Benoni R., Phoenix, Ariz. Ter. Windmill.....	811,218	Jan. 30	5302	1109	120	1311
Harrington, Charles F., deceased; E. A. Harrington, executrix, assignor to Dial Voting Machine Company, Lyndhurst, N. J. Voting-machine.....	809,371	Jan. 9	1535	312	120	372
Harrington, Charles F., deceased; E. A. Harrington, executrix, assignor to Dial Voting Machine Company, Lyndhurst, N. J. Support for voting-machines.....	810,645	Jan. 23	4167	861	120	1031
Harrington, Charles F., assignor to Dial Voting Machine Company, Lyndhurst, N. J. Voting-machine.....	818,165	Apr. 17	3222	693-4	121	2176
Harrington, Claude B., assignor of one-half to H. A. Uhler, W. J. Duffy, and O. L. Simms, McMechen, W. Va. Retaining and recharging valve for air-brakes.....	831,864	Sept. 25	3968	829	124	1095
Harrington, Clement G., Maplewood, assignor to American Car & Foundry Company, St. Louis, Mo. Shaft-hanger.....	833,963	Oct. 23	4089	872	124	2336
Harrington, Cornelius J., assignor of one-half to W. F. Wills, Boston, Mass. Coin-controlled weighing-machine.....	836,926	Nov. 27	4077	870-1	125	1139
Harrington, Daniel H., Fall River, Mass. Attachment for stovepipes.....	831,429	Sept. 18	3067	650	124	26
Harrington, Eben L., <i>et al.</i> (See Farrar, Charles F., assignor.)						
Harrington, Eliza A., executrix. (See Harrington, Charles F.)						
Harrington, Frances M., assignor to Harrington Manufacturing Company, Peoria, Ill. Two-wheeled vehicle.....	812,421	Feb. 13	1829	401	120	1938
Harrington, Frank, and C. L. Smith, assignors to Sigourney Tool Company, Hartford, Conn. Tool-feed for planing-machines.....	820,416	May 15	2830	616	122	751
Harrington, George W., Richmond, Va. Wax-paper cap for bottles.....	828,817	Aug. 14	2244	477	123	2259
Harrington, Herbert S. (See Towers and Harrington.)						
Harrington, John J. (See Harrington, Michael J. and J. J.)						
Harrington, Joseph F., Killingly, Conn. Lug-strap attachment.....	813,417	Feb. 27	3798	833	120	2457
Harrington, Joseph L., Chicago, Ill., and S. C. Hodge, Milwaukee, Wis.; said Hodge assignor to said Harrington. Ventilator.....	814,651	Mar. 6	1299	273	121	281
Harrington Manufacturing Company. (See Harrington, Frances M., assignor.)						
Harrington, Michael J. and J. J., Laurium, Mich. Bottle-stopper.....	821,638	May 29	5326	1134	122	1418
Harrington, Norman T., assignor to Olds Motor Works, Detroit, Mich. Retainer for anti-friction-bearings.....	838,111	Dec. 11	1670	360	125	1815
Harrington & Richardson Arms Co. (See Bye, Martin, assignor.)						
Harrington, Walter K., Andover, N. J., assignor to Consolidated Gas Company, New York, N. Y. Gas-meter.....	814,958	Mar. 13	1895	398-9	121	470
Harris, Abraham. (See Berman and Harris.)						
Harris Air Pump Company. (See Harris, Walter B., assignor.)						
Harris, Albert M. (See Bilby, Alva E., assignor.)						
Harris, Alonzo, assignor of one-half to O. Schilling, Mattoon, Ill. Car-wheel shoe.....	834,298	Oct. 30	4839	1023	124	2571
Harris, Alonzo, assignor of one-half to O. Schilling, Mattoon, Ill. Journal-box hoist.....	839,141	Dec. 25	3693	797	125	2401
Harris, Arthur C., Lagrande, and E. C. Jarman, Haines, Oreg. Handy device for paper-hangers.....	812,740	Feb. 13	2444	536	120	2062
Harris Automatic Press Company. (See Harris, Charles G., assignor.)						
Harris, Barnett W., Mattoon, Ill. Overhead railway.....	822,120	May 29	6265	1334	122	1629
Harris, Barnett W., Mattoon, Ill. Switch for overhead railways.....	822,121	May 29	6266	1334	122	1630
Harris, Calway J., Mangham, La. Attachment for pneumatic conveyers.....	814,130	Mar. 6	256	49	121	57
Harris, Calvin P., New York, N. Y., assignor to Reed & Barton Corporation. Holder for communion-cups.....	825,316	July 10	1260	265	123	346
Harris, Charles A., Brattleboro, Vt. Brush-holder.....	816,793	Apr. 3	473	106	121	1461
Harris, Charles A., Brattleboro, Vt. Brush-holder.....	824,296	June 26	4081	872	122	2780
Harris, Charles E., Syracuse, N. Y. Photographic developing apparatus.....	817,768	Apr. 17	2409	516	121	1997
Harris, Charles G., assignor to Harris Automatic Press Company, Niles, Ohio. Dampener for sheet feeds or separators.....	811,843	Feb. 6	588	128	120	1609
Harris, Charles J., <i>et al.</i> (See Sumner, William A., assignor.)						
Harris, Charles R., Los Angeles, Cal. Heater and duplex burner.....	819,426	May 1	791	170	122	179
Harris, Charles R. and C. C. Barrick, Los Angeles, Cal. Composition of plaster.....	824,012	June 19	3559	.....	122	2610
Harris Co., J. (See Harris, John, assignor.)						
Harris & Cole Brothers. (See Bremer, William, assignor.)						
Harris, Coleman B., Wilmington, Del. Carburetor.....	817,641	Apr. 10	2159	458	121	1886
Harris, Edward R., New York, N. Y. Hand lining-tool.....	816,794	Apr. 3	474	106	121	1462
Harris, Edwin, Athens, Tex. Wire-fence tool.....	816,578	Apr. 3	42	11	121	1363
Harris, Elijah T. (See Reed, Albert S., assignor.)						
Harris, Ernest C., Beckenham, England. Window-blind fitting.....	822,273	June 5	95	19	122	1749
Harris, George W., <i>et al.</i> (See Dibble, Frank Y., assignor.)						
Harris, George W., Wardner, Idaho. Bottle-washer.....	837,401	Dec. 4	249	62	125	1418
Harris, Henry, assignor of one-third to Hall Mining and Smelting Company, Limited, Nelson, Canada. Distributing-box for molten material.....	819,651	May 1	1207	265	122	271
Harris, Herman. (See Burt and Harris.)						
Harris, Hollis H. (See Thew and Harris.)						
Harris, James D., assignor of one-half to W. E. Wimpy, Atlanta, Ga. Exterminator.....	814,131	Mar. 6	257	50	121	57
Harris, James S., and J. R. Hoskin, Central City, Colo. Rock-drill chuck.....	818,687	Apr. 24	4281	919	121	2457
Harris, James W., Ashland, Ohio. Door-hanger.....	838,710	Dec. 18	2847	612	125	2147
Harris, James W., assignor, by mesne assignments, to Black & Clawson Company, Hamilton, Ohio. Winder.....	817,426	Apr. 10	1749	368	121	1801
Harris, Jesse J., Berea, and A. A. Prior, assignors of one-half to T. Reid, Cleveland, Ohio. Nut-tapping machine.....	812,422	Feb. 13	1831	401-2	120	1938
Harris, John, assignor to J. Harris Co., Cleveland, Ohio. Acetylene-gas burner.....	823,329	June 12	2233	466	122	2263
Harris, John B. (See Lee, Charles F., assignor.)						
Harris, John C., Greeley, Nebr. Hay-stacker.....	834,724	Oct. 30	5063	1201	124	2781
Harris, John F., Richmond, Cal. Trace-fastener.....	830,712	Sept. 11	1683	346	124	454
Harris, John F., Frackville, Pa. Air-ship.....	836,577	Nov. 20	3320	707-8	125	917
Harris, John H. (See Aber and Harris.)						
Harris, John W., Pearsall, Tex. Combined pipe clamp and wrench.....	820,866	May 15	3724	795	122	948
Harris, Jonathan, Cleveland, Ohio. Wire fence.....	827,365	July 31	5460	1135	123	1442
Harris, Jonathan, Cleveland, assignor by mesne assignments, to Buckeye Fence Machine Company, Ashtabula, Ohio. Fence-making machine.....	827,364	July 31	5457	1134-5	123	1441
Harris, Jonathan, Cleveland, assignor, by mesne assignments, to Buckeye Fence Machine Company, Ashtabula, Ohio. Wire-fence-making machine.....	834,297	Oct. 30	4837	1023	124	2570
Harris, Joseph B., assignor of one-half to J. B. Hicks, Branson, Mo. Subsoil-plow.....	816,548	Mar. 27	5225	1108	121	1294
Harris, Joseph W., Elkins Park, and M. M. Kandie, Philadelphia, Pa. Printer's and embosser's make-ready.....	827,366	July 31	5461	1133	123	1442
Harris, Leo. (See Lovejoy, George W., assignor.)						
Harris, Louie J., New York, N. Y. Observation-trolley-car railway.....	810,646	Jan. 23	4168	861	120	1032
Harris, Louie J., New York, N. Y. Observation and recreation car.....	829,468	Aug. 28	3639	765-6	123	2688
Harris, Louie J., New York, N. Y. Parlor and sleeping car having electrically-controlled berths.....	829,469	Aug. 28	3642	767-8	123	2689

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Harris, Louie J., New York, N. Y. Railway-car	829,470	Aug. 28	3644	768-70	123	2690
Harris, Louie J., New York, N. Y. Fumigating system for sleeping-cars	829,584	Aug. 28	3880	822	123	2747
Harris, Louie J., New York, N. Y. Railway-car	835,905	Nov. 13	2005	424-6	125	545
Harris, Milo, and J. F. Dearing, Jamestown, N. Y. Ball-bearing	827,865	Aug. 7	342	73	123	1755
Harris, Morris, <i>et al.</i> (See Cuff, James M., assignor.)						
Harris, Nicholas R., San Francisco, Cal. Dredger	814,204	Mar. 6	390	79	121	86
Harris, Noah, Indianapolis, Ind. Hub-box attachment	830,897	Sept. 11	2007	422	124	537
Harris, Noah W., and G. W. Stocker, Woodland, Ill. Building construction	823,528	June 19	2645	556	122	2410
Harris, Otis R., Globe, Ariz. Ter. Valve-gear for engines	838,988	Dec. 18	3335	721-2	125	2262
Harris, Owen, Kingsville, Ontario, Canada. Washing-machine	837,926	Dec. 11	1282	281	125	1715
Harris, Richard E., New York, N. Y. Water-heater	821,939	May 29	5919	1259-60	122	1550
Harris, Robert A., Tucson, Ariz. Ter. Pneumatic tire	815,346	Mar. 20	2748	572	121	706
Harris, Samuel R., Philadelphia, Pa. Non-refillable bottle	838,186	Dec. 11	1835	394	125	1857
Harris, Thomas, Handsworth, near Birmingham, assignor to Charles H. Collins & Sons, Birmingham, England. Stud, dress-fastener, and the like	818,087	Apr. 17	3061	660	121	2141
Harris, Thomas S., Sacramento, Cal. Horse-collar	830,228	Sept. 4	666	133	124	168
Harris, Varian M., assignor of one-fifth to R. Burns, Chicago, Ill. Duplicating phonograph-records	837,061	Nov. 27	4356	923	125	1208
Harris, Varian M., assignor of one-fifth to R. Burns, Chicago, Ill. Phonograph-record	837,927	Dec. 11	1285	281	125	1716
Harris, Walter B., assignor to Harris Air Pump Company, Indianapolis, Ind. Air or gas lift for fluids	814,601	Mar. 6	1194	250	121	259
Harris, Walter L., Salem, Mass. Combined hoe and rake	816,320	Mar. 27	4760	1007	121	1193
Harris, William. (See Smith, George W., assignor.)						
Harris, William A., assignor of one-half to W. P. Andrews and T. L. Bishop, Atlanta, Ga. Apparatus for carbonating liquids	832,903	Oct. 9	1790	370	124	1684
Harris, William A., assignor of one-half to W. P. Andrews and T. L. Bishop, Atlanta, Ga. Carbonating liquids						
Harris, William D., Philadelphia, Pa. Current-tap	832,904	Oct. 9	1794	371	124	1684
Harris, William F., South Bend, Ind. Self-locking seal	809,183	Jan. 2	1101	229	120	242
Harris, William F., Detroit, Mich. Indicator for scales	822,945	June 12	1418	297	122	2083
Harris, William H., Newberry, S. C. Brake	832,379	Oct. 2	721	139	124	1386
Harris, William J., Philadelphia, Pa. Horseshoe	833,050	Oct. 9	2067	435	124	1750
Harris, William J., assignor of one-half to J. H. Glass, Knoxboro, N. Y. Hospital or invalid's bed	822,737	June 5	1017	208	122	1952
Harris, William W., assignor to C. W. Beck, New York, N. Y. Carbide-lamp filling-funnel	814,286	Mar. 6	554	116	121	119
Harris, Winifred W., Winthrop, assignor to J. S. Wilson, Chelsea, Mass. Flexible metallic tubing	825,904	July 17	2502	520	123	666
Harrison, Aaron E., New York, N. Y., and C. M. Haslett, Jersey City, N. J. Spark-gap and muffler therefor	826,658	July 24	4038	837	123	1073
Harrison, Amos, Chicago, Ill. Automatic relief-valve and trap	834,054	Oct. 23	4309	915	124	2392
Harrison, Amos, assignor of one-fourth to R. H. Walch, Chicago, Ill. Vapor-generator	817,112	Apr. 3	1095	278	121	1601
Harrison, Amos, assignor of one-fourth to R. H. Walch, Chicago, Ill. Low-pressure heating system	810,486	Jan. 23	3852	792	120	962
Harrison, Amos, Chicago, Ill., assignor to Warren Webster and Company, Camden, N. J. Automatic relief-valve	812,926	Feb. 20	2807	618	120	2187
Harrison, Arthur W., Los Angeles, Cal. Electromechanical transmission device	821,798	May 29	5654	1205	122	1492
Harrison, Edgar, Los Angeles, Cal. Musical wind instrument	833,051	Oct. 9	2068	435	124	1751
Harrison, Edward F., Philadelphia, Pa. Magnesium flash-lamp	832,257	Oct. 2	490	92	124	1331
Harrison, Evans P., Cypress, S. C. Match-box	813,148	Feb. 20	3265	717	120	2286
Harrison, Frank B. (See Williams and Harrison.)	837,928	Dec. 11	1286	282	125	1717
Harrison, Frank G., and A. C. Jacoby, assignors to W. R. Harrison, Massillon, Ohio. Fodder-cutter						
Harrison, Frank S., Peoria, Ill. Scrubbing-sponge	810,204	Jan. 16	3218	666	120	786
Harrison, Harry, Erdington, England. Means for repairing punctures in pneumatic tires	824,013	June 19	3560	760	122	2610
Harrison, Henry H., New York, N. Y. Copying device	820,110	May 8	2227	484	122	560
Harrison, J. H. (See Collins, Horatio E., assignor.)	823,860	June 19	3264	692	122	2547
Harrison, James D. (See Peeling and Harrison.)						
Harrison, James H., Ranger, Tex. Portable weighing apparatus	825,459	July 10	1584	329	123	431
Harrison, James R., assignor to Hart Grain Weigher Co., Peoria, Ill. Automatic weigher	818,688	Apr. 24	4283	919-20	121	2457
Harrison, John F., assignor to Allis-Chalmers Company, Milwaukee, Wis. Cushioning device for freely gyrating mechanisms	822,893	June 5	1311	270	122	2012
Harrison, Lycurgus C., Stockwell, Ind. Suspended railway	821,799	May 29	5657	1206	122	1492
Harrison, Percy Y., Bradford, and R. H. Southall, Leeds, England. Detachable top piece for the heels of boots and shoes	826,031	July 17	2747	568-9	123	734
Harrison Safety Boiler Works. (See Gamble, Joseph W., assignor.)						
Harrison, Thomas S. (See Wanner, Martin, assignor.)						
Harrison, William. (See McKay, Peter, assignor.)						
Harrison, William. (See Menges, Albert C., assignor.)						
Harrison, William P., Cincinnati, Ohio. Oil-stove	811,635	Feb. 6	205	44	120	1530
Harrison, Williamson R. (See Harrison and Jacoby, assignors.)						
Harriss, Jefferson D., and C. F. Hogan, assignors of one-third to H. A. Waters, Travilah, Md. Bottle	818,623	Apr. 24	4160	894	121	2430
Harriss, Langdon, Waco, Tex. Touch-regulating attachment for pianos	838,711	Dec. 18	2849	612-13	125	2147
Harrison, George A., La Fayette, Ind. Ladder or tower wagon	820,190	May 8	2378	516-17	122	592
Harold, Amos, assignor to Aultman & Taylor Machinery Company, Mansfield, Ohio. Gearing						
Harold, Elmer, and C. G. Wilderson, Leetonia, Ohio. Band-saw machine	822,449	June 5	417	85	122	1815
Harrover, Robert M., Washington, D. C. Bottle-crate	814,652	Mar. 6	1301	273-4	121	281
Harroway, George M., and W. Dixon, Middlesbrough, England. Ship construction	813,699	Feb. 27	4353	958	120	2580
Harroway, George M., and W. Dixon, Middlesbrough, England. Ship construction	834,127	Oct. 23	4482	951-2	124	2437
Harroway, George M., and W. Dixon, Middlesbrough, England. Ship construction	834,234	Oct. 23	4686	993	124	2488
Harryman, Rupert E., Louisville, Ky. Sash-lock	823,775	June 19	3107	658	122	2511
Harsch, Otto, Swissvale, Pa. Ice-crusher	813,149	Feb. 20	3266	718	120	2288
Harsh, Samuel E., Wabash, Ind. Hip-strap line-holder	835,681	Nov. 13	1588	339	125	443
Harshaw, Seth T., Cohoes, N. Y. Looping-machine	818,374	Apr. 17	3633	779-80	121	2262
Hart, Alan J., Montreal, Canada. Fireman's signaling system	821,639	May 29	5328	1135	122	1419
Hart, B. Franklin, Jr., & Co. (See Hart, Benjamin F., Jr., assignor.)						
Hart, Benjamin F., Jr., Hoboken, N. J., assignor to B. F. Hart, Jr., & Co., New York, N. Y. Grate for steam-boilers and the like	820,785	May 15	3538	758	122	908
Hart, Eli S., Chicago, Ill., assignor, by mesne assignments, to National Dump Car Company. Dump-car	820,046	May 8	2089	456	122	529
Hart, Fred A., assignor to W. E. Hart, New Brunswick, N. J. Device for hairing violin-bows	828,883	Aug. 21	2386	508	123	2324
Hart, Frederick, Poughkeepsie, assignor to R. A. and C. S. Jonas, New York, N. Y. Perforating-machine	828,546	Aug. 14	1720	362-4	123	2125
Hart, George A., Maywood, Ill., assignor to Latrobe Steel and Coupler Company, Camden, N. J. Stop-block for knuckle-pins	827,974	Aug. 7	561	115	123	1811

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hart, George W., Rosedale, Kans. Milk-strainer	832,478	Oct. 2	921	179	124	1430
Hart, Gerald W., assignor to Hart Manufacturing Company, Hartford, Conn. Electric switch	828,739	Aug. 14	2104	445	123	2224
Hart, Gilbert, Detroit, Mich. Grinding-wheel	825,460	July 10	1585	329	123	431
Hart Grain Weigher Co. (See Harrison, James R., assignor.)						
Hart Grain Weigher Co. (See Hart, Stacy B., assignor.)						
Hart, Harry, Milwaukee, Wis. Strap-loop	809,681	Jan. 9	2175	450	120	510
Hart, Harry M., assignor of one-half to J. G. Heaslet, Philadelphia, Pa. Device for securing cross-pins in pistons	828,402	Aug. 14	1427	301	123	2049
Hart, Harry S., and J. O. Neikirk, assignors to Rodger Ballast Car Company, Chicago, Ill. Freight-car	824,926	July 3	500	99	123	133
Hart, Harry S., and W. Yost, assignors to Rodger Ballast Car Company, Chicago, Ill. Dump-car	811,717	Feb. 6	344	76	120	1562
Hart, Harry S., J. O. Neikirk, and F. C. Cameron, assignors to Rodger Ballast Car Company, Chicago, Ill. Railway ballast-car	827,633	July 31	6101	1267	123	1601
Hart, Harry S., O. W. Meissner, and J. O. Neikirk, assignors to Rodger Ballast Car Company, Chicago, Ill. Railway-car	827,632	July 31	6095	1264-6	123	1600
Hart, Hubert C., Unionville, Conn. Machine for making washers	819,543	May 1	999	219-20	122	225
Hart, Hubert C., Unionville, Conn. Shaft-coupling	823,944	June 19	3420	730	122	2581
Hart, J. E. (See Hart, William L., assignor.)						
Hart, John A., Novas, Blackburn, England. Apparatus for use in ventilating with conditioned or filtered, cooled, or warmed and moistened air	833,686	Oct. 16	3387	719-21	124	2122
Hart, John H., Tacoma, Wash. Cartridge-cleaning apparatus	827,866	Aug. 7	345	73	123	1756
Hart, John M. (See Clark, Charles A., assignor.)						
Hart, John P., Bridgeport borough, Pa. Hotel-register	817,851	Apr. 17	2584	557	121	2036
Hart, John W., La Harpe, Kans. Self-igniting match-safe	813,967	Feb. 27	4876	1078	120	2691
Hart, Joseph T., Brooklyn, N. Y. Brush-bridle	830,065	Sept. 4	313	63	124	76
Hart, Luppier E., assignor of one-third to W. M. Shipley, Vanatta, Ohio. Railway cross-tie	824,649	June 26	4798	1023	122	2934
Hart Manufacturing Company. (See Hart, Gerald W., assignor.)						
Hart Manufacturing Company. (See Leppert, Henry E., assignor.)						
Hart, Nat B. (See Lembeck and Hart.)						
Hart, Roy R., Rapatee, Ill. Brake	831,950	Sept. 25	4149	864	124	1141
Hart, Sidney J., assignor of two-thirds to H. A. Campbell and C. E. McKee, Kansas City, Mo. Amusement apparatus	838,989	Dec. 18	3337	722	125	2262
Hart, Stacy B., assignor to Hart Grain Weigher Co., Peoria, Ill. Adjustable spout or conveyor	818,762	Apr. 24	4446	952	121	2493
Hart, Stacy B., assignor to Hart Grain Weigher Co., Peoria, Ill. Loose hopper for swinging conveyers	831,156	Sept. 18	2538	535	124	693
Hart, Stacy B., assignor to Hart Grain Weigher Co., Peoria, Ill. Elevator drive mechanism	833,385	Oct. 16	2758	581	124	1976
Hart, William, <i>et al.</i> (See Wagner, William F., assignor.)						
Hart, William, Kirksville, Mo. Graphophone-reproducer	817,062	Apr. 3	1021	210	121	1585
Hart, William E. (See Hart, Fred A., assignor.)						
Hart, William E., Greatbend, Kans. Fly-screen	810,534	Jan. 23	3952	813	120	984
Hart, William H., Jr., Philadelphia, Pa. Necktie-shield	839,582	Dec. 25	4568	974	125	2612
Hart, William L., assignor of one-half to J. E. Hart, Mansfield, Mo. Churn-dasher	808,743	Jan. 2	247	53	120	57
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Superheating compound	819,218	May 1	366		122	88
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Manufacture of carbid	819,219	May 1	368		122	88
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Producing carbid	819,220	May 1	369		122	88
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Production of carbid	819,221	May 1	370		122	89
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Manufacture of carbid	819,222	May 1	371	79	122	89
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Lining for electric or other furnaces and preparing the same	819,223	May 1	375		122	89
Hartenstein, Herman L., Chicago, Ill., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Electric furnace	819,224	May 1	377	79-81	122	89
Hartenstein, Herman L., Constantine, Mich., assignor, by mesne assignments, to Electro Chemical & Development Company, Pierre, S. D. Manufacture of carbid. (Reissue.)	12,519	Aug. 7	1209	251	123	1968
Harter, George E., assignor to Ohio Implement Company, Toledo, Ohio. Agricultural implement	832,905	Oct. 9	1797	372	124	1684
Harter, George E., assignor to Ohio Implement Company, Toledo, Ohio. Agricultural implement	832,906	Oct. 9	1799	372	124	1685
Harter, George E., assignor to Ohio Implement Company, Toledo, Ohio. Seeding-machine	832,907	Oct. 9	1800	372	124	1685
Harter, Isaac, Jr. (See Brown and Harter.)						
Harter, John M., Wabash, Ind. Storm-front for vehicles	835,134	Nov. 6	521	105-6	125	134
Harter, Joseph, Tiffin, Ohio. Dirt-scraper	814,446	Mar. 6	907	186	121	197
Harter, Sherman. (See McIntyre, Robert D., assignor.)						
Hartford, Edward V., <i>et al.</i> (See Truffault, Jules M. M., assignor.) (Reissue.)						
Hartford, Edward V., New York, N. Y., and A. W. Scheuber, Hoboken, N. J.; said Scheuber assignor to said Hartford. Spring-wheel	823,529	June 19	2646	556	122	2411
Hartford, George H., <i>et al.</i> (See Truffault, Jules M. M., assignor.) (Reissue.)						
Hartgrave, Ellis E., Wyndmere, N. D. Valve	808,654	Jan. 2	68	15	120	17
Harthan, Charles E., Lynn, Mass., assignor to General Electric Company. Electric time-switch	826,331	July 17	3325	687	123	873
Hartigan, Joseph, assignor of one-fourth to J. P. Keller, Mount Pleasant, Pa. Wrench	834,799	Oct. 30	5829	1237	124	2821
Hartill-Law, William, Toronto, Canada. Car-axle	819,427	May 1	792	171	122	179
Hartlett, George D., New Rochelle, N. Y. Water-transportation means	839,476	Dec. 25	4358	932	125	2561
Hartlett, George D., New Rochelle, assignor to J. Bamby, New York, N. Y. Non-refillable bottle	839,756	Dec. 25	4932	1053	125	2701
Hartley, James, Philadelphia, Pa. Fire-alarm and sprinkler attachment	814,781	Mar. 13	1580	333	121	404
Hartley, James J., Schenectady, N. Y., assignor to General Electric Company. Incandescent-lamp socket	831,430	Sept. 18	3068	650	124	826
Hartley, James M., Washington, D. C. Hair-pin	812,741	Feb. 13	2445	536	120	2062
Hartley, John H., Whiteoak, Mo. Clothes-line support	815,529	Mar. 20	3113	650	121	785
Hartley, Robert H., Pittsburg, Pa. Toy or display device	812,651	Feb. 13	2279	496	120	2028
Hartley, Robert H., Pittsburg, Pa. Coin-controlled punching-bag	822,664	June 5	866	178	122	1920
Hartley, Robert H., Pittsburg, Pa. Coin-controlled bowling-alley	836,763	Nov. 27	3725	794	125	1053
Hartman, Frank O., Mansfield, Ohio. Electric-circuit breaker	810,751	Jan. 23	4350	904-5	120	1072
Hartman, George, assignor of two-fifths to E. Wenning, Cincinnati, Ohio. Paper-bag machine	823,776	June 19	3108	658-9	122	2512

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr-g.	Vol.	Page.
Hartman, John M., Philadelphia, Pa. Cinder-car	815,162	Mar. 13	2333	488	121	565
Hartman, Martin, Upper Sandusky, Ohio. Mop-head	825,209	July 3	1045	220	123	273
Hartman, Noble W., Toledo, Ohio, assignor of one-half to G. W. Burkhart, Detroit, Mich. Glass-blowing machine	813,289	Feb. 20	3525	777-8	120	2342
Hartman, Noble W., assignor of one-half to D. W. Conger, Toledo, Ohio. Elbow-forming machine	823,683	June 19	2934	621	122	2475
Hartmann & Braun A. G. (See Hartmann-Kempf, Robert, assignor.)						
Hartmann, Bruno E., Greenfield, Mass. Sight for firearms	837,563	Dec. 4	560	131	125	1495
Hartmann, Frantisek, assignor of one-half to J. Oliak, Prague, Austria-Hungary. Remontoir winding-watch	816,321	Mar. 27	4760	1007	121	1193
Hartmann-Kempf, Robert, assignor to Hartmann & Braun A. G., Frankfort-on-the-Main, Germany. Speed-indicator	817,555	Apr. 10	2009	424	121	1855
Hartmann Trunk Company. (See Wheary, George H., assignor.)						
Hartmann, Wilhelm, Berlin, Germany. Valve-gear	818,166	Apr. 17	3231	694-5	121	2178
Hartmann, Wilhelm, Berlin, Germany. Valve-gear	826,849	July 24	4401	916	123	1165
Hartmann, William C., assignor to Omega Separator Company, Lansing, Mich. Bowl for centrifugal cream-separators	815,347	Mar. 20	2750	572-3	121	706
Hartmann, William C., assignor to Omega Separator Company, Lansing, Mich. Driving mechanism for centrifugal separators	817,913	Apr. 17	2726	591-2	121	2068
Hartmann, William C., assignor to Omega Separator Company, Lansing, Mich. Centrifugal liquid-separator	825,721	July 10	2167	452-3	123	575
Hartness, James, Springfield, Vt. Tap and making the same	832,380	Oct. 2	722	139-40	124	1387
Hartness, James, Springfield, Vt. Power-transmitting mechanism for metal-working machines	832,381	Oct. 2	724	140-2	124	1387
Hartogh, John, Douglas township, Mitchell county, Iowa. Lifting device	834,381	Oct. 30	5004	1059	124	2613
Harton, Pembroke D. (See Randall, Alfred H., Jr., assignor.)						
Harton, Pembroke D., Philadelphia, Pa. Dough apparatus	829,270	Aug. 21	3203	673	123	2533
Hartshorn, Edmund F., Newark, assignor to Stewart Hartshorn Company, East Newark, N. J. Cord attachment for window-shades	819,064	May 1	52	11	122	15
Hartshorn, Henry M., Malden, Mass. Jar-opener	824,114	June 26	3728	796	122	2705
Hartson, William J. (See Methfessel and Hartson.) (Reissue.)						
Hartsough, D Maurice, assignor of two-thirds to F. Crane and J. McCabe, Minneapolis, Minn. Loading apparatus	836,970	Nov. 27	4149	885-6	125	1157
Hartway, Charles F., Alvy, W. Va. Amusement device	817,556	Apr. 10	2013	424	121	1855
Hartwell, Frank H., Pittsfield, N. H. Hose-nozzle	835,612	Nov. 13	1468	313	125	414
Hartwig, Rudolf, Rüttenscheid, near Essen-on-the-Ruhr, assignor to F. Krupp, Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Explosion-engine	814,287	Mar. 6	555	116	121	119
Hartwig, Rudolf, Rüttenscheid, near Essen-on-the-Ruhr, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Gas-engine	832,668	Oct. 9	1316	265	124	1570
Hartwig, Rudolf, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Cooling device for piston-rods	821,640	May 29	5329	1135	122	1419
Hartz, George F., Durant, Iowa. Inhaler	817,708	Apr. 10	2266	487	121	1909
Hartz, Henry V., Cleveland, Ohio. Tackle-block	818,886	Apr. 24	4676	1003	121	2542
Hartzell, Edwin, assignor of one-half to J. P. Benning, Wilkes-Barre, Pa. Sifter, separator, and grader	824,650	June 26	4799	1023	122	2934
Hartzler, Aaron, Goshen, Ind. Swing	834,670	Oct. 30	5558	1179-80	124	2753
Harvey, Albert L. (See Witchee and Harvey.)						
Harvey, George B., et al. (See Britton, Louis H., assignor.)						
Harvey, George H. (See Speer and Harvey.)						
Harvey, George H., Glenfield, assignor, by mesne assignments, to Brownsville Glass Company, Pittsburg, Pa. Glass-drawing machine	813,290	Feb. 20	3530	778	120	2343
Harvey, George H., Glenfield, assignor, by mesne assignments, to Brownsville Glass Company, Pittsburg, Pa. Glass-drawing machine	813,291	Feb. 20	3531	778	120	2343
Harvey, George H., Glenfield, assignor, by mesne assignments, of one-half to Brownsville Glass Company, Pittsburg, Pa. Apparatus for drawing articles from molten baths	820,971	May 22	3990	847	122	1069
Harvey, George L., Chicago, Ill. Spring	817,482	Apr. 10	1867	393	121	1825
Harvey, George L., assignor to Car Builders Supply Company, Chicago, Ill. Journal-box	817,427	Apr. 10	1753	368	121	1802
Harvey, George P. (See Brigham and Harvey.)						
Harvey, Harry D., et al. (See Krause, William T., assignor.)						
Harvey, John N. (See Young and Harvey.)						
Harvey, Matthew, Cannock, England. Crucible-furnace	829,471	Aug. 28	3646	770	123	2690
Harvey, Minor, Philadelphia, Pa. Steering-gear for automobiles	833,718	Oct. 16	3447	735-6	124	2135
Harvey, Rufus W., Sr., and Rufus W., Jr., Des Moines, Iowa. Foldable purse for money, &c.	830,148	Sept. 4	494	100	124	124
Harvey, Samuel C., Bowling Green, Ohio. Railway signaling device	814,376	Mar. 6	761	153-4	121	169
Harvey, Urban, U. S. Revenue-Cutter Service. Hydraulic hoist	808,655	Jan. 2	69	15	120	17
Harvey, Wallace N. (See Black, Cornelius A., assignor.)						
Harwell, Galveston, Cartersville, Ga. Nut-lock	819,225	May 1	384	81	122	91
Harwood, Frederick W. (See Harwood, Hamilton E., assignor.)						
Harwood, Hamilton E., assignor to F. W. Harwood, Jolimont, Australia. Method of and means for treating the surface of the permanent way of railways, &c.	832,973	Oct. 9	1919	400	124	1713
Harwood, Michael J., Cleveland, Ohio. Nut-lock	831,281	Sept. 18	2797	590	124	758
Hasbrouck, Anna M. (See Hasbrouck, Stephen A., assignor.)						
Hasbrouck, Raymond D., U. S. Navy. Gun-sight	834,471	Oct. 30	5164	1097	124	2633
Hasbrouck, Stephen A., assignor to A. M. Hasbrouck, Yonkers, N. Y. Gas-engine sparkar	830,898	Sept. 11	2008	423	124	537
Haseltine, Lewis. (See Martin, James H., assignor.)						
Haseltine, Seward A., Springfield, Mo. Pill and tablet counting machine	817,852	Apr. 17	2586	558	121	2037
Hasenbach, Wilhelm, Mannheim, Germany. Purification of hydrochloric-acid gas	834,977	Nov. 6	193	125	50	50
Hasenbach, Wilhelm, Mannheim, Germany. Purifying liquid	836,034	Nov. 13	2211	125	594	594
Haskell, Broderick, Franklin, Pa. Telegraph-pole	835,279	Nov. 6	806	168	125	204
Haskell, Broderick, Franklin, Pa. Pole for telegraphs, &c.	835,280	Nov. 6	807	169	125	204
Haskell, Broderick, Franklin, Pa. Telegraph-pole	835,281	Nov. 6	809	169	125	205
Haskell, Edward C. (See Wiles and Haskell.)						
Haskell, Ezra, New York, N. Y. Motor-support	826,503	July 17	3703	767	123	974
Haskell, Frank H., assignor of one-half to T. J. Smith, Boston, Mass. Fishing-net	834,905	Nov. 6	61	12	125	18
Haskell, Frederick P. (See Hunter and Haskell.)						
Haskell, George N., Groton, S. D. Funnel	825,317	July 10	1261	266	123	346
Haskell, Louis W., and E. W. Thompson, New York, N. Y. Press-box	815,291	Mar. 13	2584	544	121	623
Haskin, William J. (See Buckland, Edward S., assignor.)						
Haskins, Elbert O., Rutherford, N. J., assignor to Abendroth Bros., Port Chester, N. Y. Hinge and catch plate for boilers and furnaces	825,722	July 10	2169	453	123	575
Haskins, Elbert O., Rutherford, N. J., assignor to Abendroth Bros., Port Chester, N. Y. Smoke-hood	825,828	July 10	2365	493	123	623

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Haskins, Elbert O., Rutherford, N. J., assignor to Abendroth Brothers, Port Chester, N. Y. Steam and hot-water boiler.	829,335	Aug. 21	3332	701-2	123	2565
Haskins, James H., San Diego, Cal., assignor of one-half to International Harvester Company, Chicago, Ill. Bolt-threading machine.	816,322	Mar. 27	4761	1007-9	121	1193
Haslam, John, Darlinghurst, New South Wales, Australia. Construction of skylights.	818,624	Apr. 24	4161	894	121	2430
Haslerud, Peter K., <i>et al.</i> (See Anderson, Alfred, assignor.)						
Haslett, Crowell M. (See Harrison and Haslett.)						
Haslett, Walter N., Wilkesburg, Pa. Amusement device.	829,008	Aug. 21	2628	554	123	2385
Hasley, Thomas R., Houghton, Mich. Railway-tie.	809,682	Jan. 9	2176	450	120	510
Haslinger, Anton, Allegheny, Pa. Extinguisher.	809,055	Jan. 2	855	181	120	189
Haslup, Dodson, Grafton, W. Va. Hub for car-wheels.	813,418	Feb. 27	3801	834	120	2458
Hass, John P., Gorman, N. H. Automatic take-up.	834,472	Oct. 30	5167	1097	124	2654
Hassam, Walter E., assignor of one-half to C. K. Pevey, Worcester, Mass. Pavement and laying the same.	819,652	May 1	1210		122	272
Hasseler, Gustave A., Vesper, Wis. Combination implement.	825,461	July 10	1586	330	123	431
Hasselquist, Albert A. and H. S., Elgin, Ill. Motor for piano-playing mechanisms.	837,828	Dec. 4	1081	241-2	125	1622
Hasselquist, Hugo S. (See Hasselquist, Albert A. and H. S.)						
Hasselman, George E., Canton, Ohio. Mail-box.	830,502	Sept. 11	1221	255	124	330
Hassen, James J., New York, N. Y. Steam-trap.	834,978	Nov. 6	195	42	125	51
Hassmann, George E., Springfield, Ill. Door-check.	825,210	July 3	1045	220	123	273
Hassy, Alonzo F., New Orleans, La. Guarded caster.	823,408	June 12	2364	498	122	2291
Hastings, Charles B., New York, N. Y. Motor-tool holder.	824,480	June 26	4470	947	122	2862
Hastings, Reuben C. M., and T. Matheny, Athens, Ohio. Lock-out device for telephones.	821,800	May 29	5660	1206-7	122	1493
Hat Manufacturers Supply Co. (See Taylor, Joseph, assignor.)						
Hatch, Arthur F. (See Golden, Edward B., assignor.)						
Hatch, Frank E., Winnipeg, Canada. Hoof mixture.	811,718	Feb. 6	346		120	1563
Hatch, George, South Windham, Conn. Mangle.	815,820	Mar. 20	3720	784	121	916
Hatch, Kate, New York, N. Y. Bathing-corset.	820,972	May 22	3993	848	122	1069
Hatch, Melvin D., Lincoln, Nebr. Corn-harvester.	815,530	Mar. 20	3114	650-1	121	786
Hatcher, Elton Z. (See Bridges and Hatcher.)						
Hatcher, Pearl P., St. Louis, Mo. Car-truck.	825,723	July 10	2171	453	123	575
Hatcher, Pearl P., St. Louis, Mo. Railway-car brake.	825,724	July 10	2172	454	123	576
Hatcher, William G., Carrington, Mo. Reel-carrier.	822,450	June 5	419	86	122	1816
Hatfield, Frank K., assignor to F. F. Hicks, Boston, Mass. Burnishing-machine.	818,167	Apr. 17	3234	695	121	2178
Hatfield, Harry, <i>et al.</i> (See Branson, Tilghman E., assignor.)						
Hatfield, James I., Douglas, Ga. Spout for gathering turpentine.	812,652	Feb. 13	2281	496	120	2028
Hatfield, James I., assignor of one-half to J. H. Dent, Douglas, Ga. Spout for collecting crude turpentine.	810,752	Jan. 23	4358	905	120	1074
Hatfield, Samuel P., New York, N. Y. Apparatus for laying electric conductors.	815,163	Mar. 13	2335	488	121	565
Hatfield, Samuel P., New York, N. Y. Pump.	839,757	Dec. 25	4935	1054	125	2702
Hatfield, Wallace O., Syracuse, N. Y., assignor of one-third to T. C. Griffin. Spike-protector for shoe-spikes.	810,753	Jan. 23	4358	905	120	1074
Hathamite Company. (See Hathaway, George M., assignor.)						
Hathaway, George M., deceased; L. E. Hathaway, administratrix, assignor to Hathamite Company, Wellsboro, Pa. Explosive compound.	815,821	Mar. 20	3723		121	917
Hathaway, Harold W., Dayton, Ohio. Form for concrete construction.	821,869	May 29	5779	1231-2	122	1519
Hathaway, Lelia E., administratrix. (See Hathaway, George M.)						
Hatherly, James T. and T. H., New Westminster, Canada. Adjuster for electric-light cords.	817,557	Apr. 10	2014	424	121	1856
Hatherly, Thomas H. (See Hatherly, James T. and T. H.)						
Hathorn, Henry W., Grinnell, Iowa. Tool-holder for lathes.	822,122	May 29	6267	1334	122	1630
Hatin, John J., St. Albans, Vt. Bag-holder.	830,994	Sept. 11	2189	463	124	579
Hatten, John B., and W. S. Burris, Huntington, W. Va. Vehicle-shaft raiser.	831,341	Sept. 18	2906	615	124	786
Hatten, William V., <i>et al.</i> (See Dominis, Carey, assignor.)						
Hattery, Jeremiah L., San Bernardino, Cal. Trousers-press.	812,742	Feb. 13	2446	537	120	2063
Haton, Lemuel C., <i>et al.</i> (See McCann, Daniel, assignor.)						
Haton, Thomas F., Indianapolis, Ind. Hot-air attachment for heating-stoves.	825,533	July 10	1743	367	123	467
Hatton, William H., Lebanon, N. H. Apron.	823,777	June 19	3112	659	122	2512
Hatz, George J., Bloomington, Ill. Locomotive exhaust mechanism.	832,858	Oct. 9	1706	351-2	124	1663
Hatzel, John C., and E. L. Morley, New York, N. Y. Electrical receptacle and plug.	823,724	June 19	3003	636	122	2488
Haubrich, Alexander M., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-switchboard.	828,848	Aug. 14	2309	491	123	2275
Haubroe, Lars, New Haven, Conn. Stem winding and setting watch.	837,564	Dec. 4	562	131	125	1495
Hauck, Arthur E., New York, N. Y. Propeller attachment for boats.	818,245	Apr. 17	3398	728	121	2212
Haudenshield, Jacob T., Scott township, Allegheny county, Pa. Trolley.	831,509	Sept. 18	3208	678	124	863
Haudenbach, William P., Salt Lake City, Utah. Clarinet attachment.	828,849	Aug. 14	2310	491	123	2275
Hauf, George, Milwaukee, Wis. Horseshoe.	814,782	Mar. 13	1581	333	121	405
Haug, Andrew, New York, N. Y., assignor to Universal Talking Machine Manufacturing Company. Sound-reproducer.	838,326	Dec. 11	2109	455	125	1921
Haugen, John H. (See Strand and Haugen.)						
Hauger, Henri, Paris, France. Apparatus for automatically signaling the presence of deleterious gases in the atmosphere.	826,659	July 24	4039	837	123	1073
Haugh, William S., <i>et al.</i> (See Hellstrom, John A., assignor.)						
Haughawout, John W., Fort Dodge, Iowa, assignor, by mesne assignments, to Chamberlin Cartridge & Target Company, Cleveland, Ohio. Target-trap.	829,963	Sept. 4	58	11	124	14
Haughton, Frank A., Schenectady, N. Y. Means for superheating steam.	809,612	Jan. 9	2037	423	120	479
Haughton, Frank A., Schenectady, N. Y. Steam generator and superheater.	809,683	Jan. 9	2177	451	120	510
Haupenthal, Joseph R., Auburn, N. Y. Boot or shoe heel.	826,504	July 17	3705	767	123	974
Hause, Warren C., and F. M. Marlin, Enumclaw, Wash. Carpenter's tool.	818,958	Apr. 24	4813	1035	121	2572
Hausser Company. (See Woodford, Frank E., assignor.)						
Hausser, Henry, New Haven, Conn. Repetition piano-action.	821,288	May 22	4612	984	122	1204
Hausser, Martin, Toledo, Ohio. Hinge.	832,607	Oct. 9	1187	237	124	1541
Hausfeld, Joseph E., Cincinnati, Ohio, and V. E. Tresise, Dayton, Ky., assignors to E. H. Huenefeld, Cincinnati, Ohio. Hinge.	814,288	Mar. 6	557	117	121	120
Hausherr, Gustav, Irvington, N. J. Catch for bracelets.	833,458	Oct. 16	2936	623	124	2016
Hausmann, Caspar F., St. Gall, Switzerland. Uterine dilator.	817,973	Apr. 17	2845	616	121	2095
Hausmann, Ernst, Cologne, Germany. Crucible-furnace.	811,219	Jan. 30	5306	1109	120	1312
Hausmann, Paul F. (See Turner and Hausmann.)						
Hausmann, Wilhelm, Barmen, Germany. Shuttle for ribbon-loom.	809,564	Jan. 9	1929	401	120	457
Hausner, Matthew. (See Wieberg and Hausner.)						
Hausold, Alvin, Allegheny, assignor to Keystone Electric and Manufacturing Company, Pittsburg, Pa. Arc-lamp.	831,282	Sept. 18	2797	590	124	758
Hauver, Alfred N., assignor of one-third to A. Crawford, Boston, Mass. Coin-detector.	832,126	Oct. 2	211	42	124	1265
Haven, James A. (See Brocius, Harvey R., assignor.)						
Haven, Rutherford C. (See Hippisley, William H., assignor.) (Reissue.)						
Haverfield, Joseph L., assignor to Mayfield Mfg. Co., Mayfield, Ky. Press-operating device.	813,292	Feb. 20	3533	779	120	2343

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Haverhill Fire Appliance Company. (See Raymond, Charles H., assignor.)						
Haviland, Agnes, New Orleans, La. Collar-support	836,498	Nov. 20	3171	672	125	882
Haviland, Henry F., East Orange, N. J., assignor of one-half to A. W. Fox, Brooklyn, N. Y. Socket for bottles	816,979	Apr. 3	872	180	121	1552
Hawlicek, Frank W., Twin Falls, Idaho. Liquid-measure	839,583	Dec. 25	4569	974	125	2612
Hawes, Charles A., Cambridge, Mass. Pocket-case for mileage-books, baggage-checks, &c.	814,205	Mar. 6	391	79	121	86
Hawes, Frank A. (See Jackson, Benjamin F., assignor.)						
Hawes, Winfield S., Butte, Mont. Combined envelop and souvenir-album	814,843	Mar. 13	1698	355	121	429
Hawk, Arthur H., Greensburg, Pa. Garment-support	834,725	Oct. 30	5665	1202	124	2781
Hawk, Arthur H., Greensburg, Pa. Skirt-support	834,800	Oct. 30	5830	1237	124	2821
Hawk, Bennett, Fort Wayne, Ind. Culinary chopper	832,859	Oct. 9	1708	352	124	1664
Hawk, Charles F., Cleveland, Ohio. Piano-truck	822,274	June 5	96	20	122	1749
Hawk, Hale E., Crenshaw, Miss. Milling cotton-seed	825,534	July 10	1746	367	123	468
Hawk, Walter D., Chicago, Ill. Power-transmission apparatus	831,065	Sept. 18	2360	497-8	124	653
Hawk, Walter D., Chicago, Ill. Motor-vehicle	838,112	Dec. 11	1671	360-1	125	1815
Hawke, George O., Greenfield, Ind. Toy motor-vehicle	819,653	May 1	1211	265	122	272
Hawkes, Charles W., Chicago, Ill. Steam-boiler	809,503	Jan. 9	1817	374	120	434
Hawkes, Charles W., Chicago, Ill. Steam-boiler	814,206	Mar. 6	392	79-80	121	86
Hawkes, Charles W., Springfield, Ill. Water-jacket	815,013	Mar. 13	2028	425	121	497
Hawkins, Charles R., Cincinnati, Ohio. Mail-bag catcher and deliverer	826,247	July 17	3156	655-6	123	830
Hawkins, Cyrus, Camden, N. J., assignor to Hawkins Wilson Company. Press for printing and embossing						
Hawkins, Daniel G., Lamont, Okla. Ter. Cross-line buckle	813,888	Feb. 27	4728	1045-6	120	2662
Hawkins, Elbert A., Rochester, N. Y. Blacking-guard	828,475	Aug. 14	1584	334	123	2091
Hawkins, George E., H. M. and C. P. Stevens, Welborn, Fla. Quail-trap	820,493	May 15	2979	643-122	784	
Hawkins, Harold E., Kansas City, Mo. Paper-clip	814,207	Mar. 6	394	80	121	87
Hawkins, John C., Loudonville, Ohio. Hub	815,348	Mar. 20	2751	573	121	706
Hawkins, Joseph W., Passaic, N. J. Shaving-brush	810,754	Jan. 23	4360	905	120	1074
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system	829,784	Aug. 28	4305	909	123	2850
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Control of bulkhead-doors	825,318	July 10	1261	266	123	346
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Electric switch	831,431	Sept. 18	3069	650	124	827
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system	834,128	Oct. 23	4485	952	124	2438
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Parallel-feeder protection	834,129	Oct. 23	4489	952-3	124	2440
Hawkins, Lorenzo P., Portland, Me. Skiving-machine	839,384	Dec. 25	4164	891	125	2514
Hawkins, Rollyn, Indianapolis, Ind. Dust deflector and catcher for radiators	815,702	Mar. 20	3460	722	121	863
Hawkins, Thomas, London, England. Apparatus for embossing paper	818,026	Apr. 17	2951	637-8	121	2118
Hawkins, William E., McGaheysville, Va. Garden-plow	816,657	Apr. 3	233	54	121	1412
Hawkins Wilson Company. (See Hawkins, Cyrus, assignor.)	830,430	Sept. 4	1073	223	124	265
Hawkinson, Axel W. (See Hall and Hawkinson.)						
Hawley, Edith J., Colorado Springs, Colo. Picture and curtain hanger	831,066	Sept. 18	2364	498	124	655
Hawley, Charles F., Portland, Ore. Amalgam-trap	837,829	Dec. 4	1087	242	125	1624
Hawley, Charles G. (See Holderness and Hawley.)						
Hawley, Charles G. (See Schutz, Joseph M., assignor.)						
Hawley, Charles G., Chicago, Ill. Brake-beam	832,669	Oct. 9	1317	265	124	1570
Hawley, Charles G., assignor to Holland Company, Chicago, Ill. Flexible fluid-joint	814,289	Mar. 6	558	117	121	120
Hawley, Charles G., and H. O. Holderness, Chicago, Ill. Selective signaling system	813,419	Feb. 27	3802	834-5	120	2458
Hawley Down Draft Furnace Company. (See Bleyer, Samuel T., assignor.)						
Hawley Eugene W., and G. H. Wheary, Racine, Wis. Wardrobe dress-trunk	838,621	Dec. 18	2683	575-6	125	2105
Hawley, Harry H., Malone, N. Y. Nut-lock	832,908	Oct. 9	1803	372	124	1686
Hawley, Harry N., Hawleyville, Conn. Cartridge clip and holder	837,929	Dec. 11	1288	282	125	1717
Hawley, John B., Walton, N. Y. Cutting-tool	814,447	Mar. 6	908	186	121	198
Hawley, Joseph H. (See Frkovic, Frank A., assignor.)						
Hawley, Mary A., Dixon, Ill. Automatic poultry-dusting device	829,207	Aug. 21	3076	647	123	2503
Hawley, Sylvester S., Centralia, Ill. Multiple-bolt mechanism	809,184	Jan. 2	1103	229	120	243
Hawley, Tracy F. (See Eastman and Hawley.)						
Hawn, Clarence E., Littlefork, Ind. Gate	833,052	Oct. 9	2070	436	124	1751
Hawn, John W., assignor of three-fourths to S. J. Peterson and D. Taylor, Kansas City, Mo. Grain-door	826,100	July 17	2892	600	123	770
Hawn, Samuel L., assignor of one-half to A. S. Coan, Crisman, Colo. Saw-setting device	820,572	May 15	3150	678	122	822
Haworth, Jehu F., Shields, Pa. Calipers	825,648	July 10	2019	422	123	539
Haworth, Lloyd B. (See Wiebe, Sigurd, assignor.)						
Haws, William E., and G. W. Hill, New York, N. Y. Lacing	819,993	May 8	1956	433	122	497
Hawthorne, Ellsworth A., et al. (See Panceast, Edwin A., assignor.)						
Hawthorne, Ellsworth A., and H. Sheble, Philadelphia, Pa. Horn-supporting crane for talking-machines	834,202	Oct. 23	4626	982	124	2472
Hawthorne & Sheble Manufacturing Co. (See Oliver, Ellis S., assignor.)						
Hawthorne & Sheble Manufacturing Company. (See Noyes, Charles W., assignor.)						
Hawthorne & Sheble Manufacturing Company. (See Smith, Eugene C., assignor.)						
Hay, George, Jr., Ottawa, Ontario, Canada. Ruler	832,382	Oct. 2	732	142	124	1388
Hay, George A. (See Draper and Hay.)						
Hay-Hay, Charles, Red Lodge, Mont. Bridle	815,703	Mar. 20	3461	722	121	863
Hay, James T., Jr. (See Hay, Wellington O., assignor.)						
Hay, Walter, assignor to T. F. Stroud, Omaha, Nebr. Rotary disk plow	830,431	Sept. 4	1074	224	124	265
Hay, Wellington O., Camden, assignor of one-half to J. T. Hay, Jr., Boykin, S. C. Machine for severing ice	831,721	Sept. 25	3689	772	124	1028
Hay, William B. (See Cobb, Elmer M., assignor.)						
Haycock, Jesse H., Cherryfield, Me. Pole-step	829,336	Aug. 21	3335	702	123	2566
Haycraft, Charles D. P., Fellowship, Fla. Wire-stretcher	836,445	Nov. 20	3086	654	125	859
Hayden, Alfred J. (See Cafferty and Hayden.)						
Hayden, George W., assignor to Crane Company, Chicago, Ill. Pipe-hanger	826,161	July 17	3001	623	123	796
Hayden, George W., assignor to Crane Company, Chicago, Ill. Valve-operating mechanism	828,547	Aug. 14	1729	364	123	2127
Hayden, Henry A., Jersey City, N. J. Duster	823,725	June 19	3006	636	122	2488
Hayden, Henry A., Jersey City, N. J. Combined crib and chair for infants	826,332	July 17	3326	687	123	874
Hayden, James T., assignor to Crane Company, Chicago, Ill. Spring-disk valve	813,555	Feb. 27	4082	894	120	2523
Hayden, Joel, Jr., Boston, Mass., assignor, by mesne assignments, to Hayden Machinery Company. Ring spinning and twisting apparatus	814,783	Mar. 13	1582	334	121	405
Hayden, Joel, Jr., Boston, Mass., assignor, by mesne assignments, to Hayden Machinery Company. Ring spinning and twisting apparatus	814,844	Mar. 13	1700	355	121	429
Hayden, Joel, Jr., Boston, Mass., assignor, by mesne assignments, to Hayden Machinery Company. Ring spinning and twisting apparatus	821,238	May 22	4515	961	122	1184

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hayden, Joel, Jr., Boston, Mass., assignor, by mesne assignments, to Hayden Machinery Company. Ring spinning and twisting apparatus.	821,641	May 29	5331	1135	122	1419
Hayden Machinery Company. (See Hayden, Joel, Jr., assignor.)						
Haydock, James, <i>et al.</i> (See Richardson, Abraham, assignor.)						
Haydock, James, <i>et al.</i> (See Richardson and Jones, assignors.)						
Haye, August, San Antonio, Tex. Amusement device.	838,539	Dec. 18	2526	546	125	2068
Hayes, Albert, Noroton, Conn., assignor to American Oil Engine Company. Vaporizing hydrocarbon oils.	832,728	Oct. 9	1430	289	124	1597
Hayes, Alfred. (See Hansen and Hayes.)						
Hayes, Alfred, Coalville, Utah. Wrench.	817,709	Apr. 10	2267	488	121	1909
Hayes, Charles J. W., and C. J. Siebert, Detroit, Mich. Sewing-machine stop-motion.	829,208	Aug. 21	3077	647	123	2503
Hayes, Dennis H., Adrian, Mich. Magazine for fence-looms.	811,600	Jan. 30	5812	1217	120	1419
Hayes, Edward. (See Bobbitt and Hayes.)						
Hayes, Edward J., Marion, Ind. Glass-press.	835,613	Nov. 13	1469	314	125	414
Hayes, Franklin W., and C. A. Billings, Wendling, Cal. Pulling-machine for steamboats, &c.	815,014	Mar. 13	2029	425-6	121	497
Hayes, Frederick W., Detroit, Mich. Eraser-holder.	809,056	Jan. 2	856	181	120	189
Hayes, John J., Middletown, Conn. Snap-hook.	824,179	June 26	3855	822	122	2733
Hayes, Junius J. (See Oler, Fugal, and Hayes.)						
Hayes Manufacturing Company. (See Thompson, Bert E., assignor.)						
Hayes, Stanley W., Geneva, N. Y. Operating mechanism for derailleurs, &c.	837,930	Dec. 11	1289	282	125	1717
Hayes, Watson W. (See Moore, Sargent Z., assignor.)						
Hayes, William J., and J. Fernandez, Brooklyn, N. Y. Pipe.	823,218	June 12	2010	419	122	2215
Hayford, Eugene S., Boston, Mass. Refilled-bottle detector and identity-destroyer.	810,647	Jan. 23	4170	862	120	1032
Hayford, Kirby. (See Hayford, Samuel and K.)						
Hayford, Samuel and K., Turtle Bayou, Tex. Bicycle-lock.	839,584	Dec. 25	4570	975	125	2612
Hayner, William F., Springboro, Ohio. Halter.	815,164	Mar. 13	2336	488	121	566
Hayner, William M. (See Gilfillan, Essington N., assignor.)						
Haynes, Alonzo, Jackson, and J. F. Martin, Albion; said Haynes assignor to A. W. Austin, Jackson, Mich. Wire article.	820,716	May 15	3410	729	122	878
Haynes, Clarence U., Rome, N. Y. Driving-axle for automobiles.	834,574	Oct. 30	5358	1137	124	2702
Haynes, Elwood, Kokomo, Ind. Gearing.	826,850	July 24	4402	916-17	123	1165
Haynes, Frederick M., Buffalo, N. Y. Curtain-stretcher.	809,684	Jan. 9	2180	451	120	512
Haynes, Justin H., and W. D. Engle, Denver, Colo. Treating vanadium ores.	828,850	Aug. 14	2311		123	2275
Haynes, Justin H., and W. D. Engle, assignors to Dolores Refining Company, Denver, Colo. Treating ores.	808,839	Jan. 2	420		120	93
Haynes, S. F., <i>et al.</i> (See Latimer, Samuel A., assignor.)						
Haynes, William L., Ambridge, Pa. Spacing mechanism.	810,648	Jan. 23	4171	862	120	1032
Haynie, Brooks, Austin, assignor to King Manufacturing Company, Travis county, Tex. Fluid-tempering apparatus.	830,995	Sept. 11	2190	463	124	580
Haynie, James W., Fairburn, Ga. Cotton-chopper.	809,109	Jan. 2	979	202	120	216
Hayes, Edward F., trustee. (See Hays, Harry J., assignor.)						
Hays, Harry J., assignor to E. F. Hays, trustee, Pittsburg, Pa. Apparatus for forming sheet and plate glass.	813,794	Feb. 27	4527	1000	120	2618
Hays, Parx O., Gamesville, Tex. Acetylene-gas generator.	838,022	Dec. 11	1473	318	125	1764
Hayutin, Max, <i>et al.</i> (See Jackson, Frank, assignor.)						
Hayward Company. (See Morris, Charles A., assignor.)						
Hayward, Daniel L. (See Flegel, Harrison D., assignor.)						
Hayward, Eugene, assignor of one-half to S. F. Rush and one-third to J. B. Morris, Chicago, Ill. Railway frog and crossing.	816,911	Apr. 3	724	149	121	1519
Hayward, Jonathan B. (See Smith and Hayward.)						
Hayward, Jonathan B. (See Strong, Arthur J., assignor.)						
Hayward, Judson, New York, N. Y. Hoisting and conveying apparatus.	811,144	Jan. 30	5150	1077	120	1277
Hayward, Rowland R., Owings Mills Md. Plow.	824,014	June 19	3561	760	122	2610
Haywood, Daniel H. (See Carlson and Haywood.)						
Haywood, Daniel H., New York, N. Y. Making hair-pins.	832,127	Oct. 2	213	43	124	1265
Haywood, Daniel H., New York, N. Y., assignor to W. B. Wadsworth, Plainfield, N. J. Cut-off socket.	808,656	Jan. 2	72	15	120	18
Haywood, George W. (See White and Haywood.)						
Haywood, Thomas G., Seattle, Wash. Combined bunk and chock-block for logging-trucks.	830,786	Sept. 11	1817	377	124	488
Hazard, Henry T., Los Angeles, Cal., assignor of one-half to A. Hoberecht, Ensada, Mexico. Means to replenish the air-chambers of pumps with air.	812,423	Feb. 13	1833	402	120	1939
Hazard, William E., St. Louis, Mo. Cover for ironing-boards.	823,169	June 12	1895	390	122	2189
Hazel, George W., Aurora, Ill. Tide and wave motor.	817,317	Apr. 10	1526	320	121	1753
Hazel, George W., Aurora, Ill. Tide or wave motor.	817,318	Apr. 10	1527	320-1	121	1753
Hazel, Guy L. (See Loeffler and Hazel.)						
Hazel, James F., Carrolton, Mo. Power-lift sweep-rake.	831,865	Sept. 25	3971	830	124	1096
Hazell, Arthur M. (See Clukies and Hazell.)						
Hazeltine, Daniel W., Conneaut, Ohio. Acetylene-gas generator.	825,535	July 10	1748	367	123	469
Hazeltine, Charles N., Morrison, Ill. Folding seat and step.	820,973	May 22	3994	848	122	1069
Hazen, Levi P., Cincinnati, Ohio. Paper-clip.	834,801	Oct. 30	5831	1237	124	2822
Hazen, Levi P., Cincinnati, Ohio. Button-fastener.	834,802	Oct. 30	5832	1237	124	2822
Hazleton, Thomas A., Macksville, Kans. Match-safe.	833,925	Oct. 23	3920	831	124	2302
Hazlewood, George W., and H. C. Robinson, Mineral Wells, Tex. Hitching device.	813,045	Feb. 20	3039	669	120	2237
Hazlewood, George W., Mineral Wells, and H. C. Robinson, Fort Worth, Tex. Hitching device.	836,971	Nov. 27	4151	886	125	1158
Heal, Adoniram J., and J. Mackey, Prescott, Ariz. Terr. Head-rest.	830,149	Sept. 4	495	101	124	125
Head, Edward F., Sault Ste. Marie, Canada. Stove attachment.	821,589	May 22	5212	1112	122	1335
Head, Robert, New York, N. Y., assignor to E. Walker, Erie, Pa. Sound-reproducer.	820,926	May 15	3876	826	122	982
Headson, Frank A., La Fayette, Ind. Pipe-wrench.	819,428	May 1	793	171	122	179
Healer, Roscoe L., Bloomington, Ill. Match-box.	818,246	Apr. 17	3402	728	121	2213
Healer, Roscoe L., Bloomington, Ill. Pipe or tile cutting machine.	818,959	Apr. 24	4814	1065	121	2573
Heagle, Arthur, assignor of one-half to J. Price, Philadelphia, Pa. Portable cabinet for cuspidors.	817,710	Apr. 10	2268	488	121	1909
Heald, Alfred, Philadelphia, Pa. Loom for weaving pile fabrics.	813,968	Feb. 27	4878	1078	120	2691
Heald, James N. (See Morgan and Heald.)						
Heald, John. (See Reed and Heald.)						
Heald Machine Company. (See McAfee, Morgan E., assignor.)						
Heald Machine Company. (See Morgan and Heald, assignors.)						
Healey, James A., Wakefield, Mass., assignor to American Toy Manufacturing Company. Educational appliance.	814,653	Mar. 6	1302	274	121	282
Healy, John J., assignor of one-half to S. F. Hess, Rochester, N. Y. Valve for pneumatically-operated devices.	819,013	Apr. 24	4919	1056	121	2596
Healy, John J., assignor of one-half to S. F. Hess, Rochester, N. Y. Music-sheet mechanism for piano-players.	839,758	Dec. 25	4936	1054	125	2703
Healy, Louise, New York, N. Y. Stand for playing-cards.	826,783	July 24	4272	888	123	1134

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Healy, William H., San Francisco, Cal. Cylinder-pier construction.....	814,959	Mar. 13	1898	399	121	470
Healy, William H., San Francisco, Cal. Reinforced concrete pile.....	825,599	July 10	1878	397	123	500
Healy, William P. (See Miller, Julius J., assignor.)						
Healy, William P., Chicago, Ill. Machine for making wire-bound box-blanks.....	827,097	July 31	4913	1024-6	123	1304
Heany, John A., York, Pa. Manufacture of luminant for electric lamps.....	839,585	Dec. 25	4572	.....	125	2613
Heany, John A., York, Pa., assignor to Teter-Heany Developing Company, Charleston, W. Va., and York, Pa. Machine for applying coverings to wire.....	825,123	July 3	860	178-9	123	228
Heany, John A., York, Pa., assignor to Teter-Heany Developing Company, Charleston, W. Va., and York, Pa. Machine for feeding and applying flocculent materials to wire.....	825,124	July 3	863	180-1	123	228
Heany, John A., York, Pa., assignor to Teter-Heany Developing Company, Charleston, W. Va., and York, Pa. Machine for applying coverings to wire.....	825,125	July 3	865	181	123	229
Heap, Henry. (See Brierley, Thomas, assignor.)						
Heap, Henry, <i>et al.</i> (See Richardson, Abraham, assignor.)						
Heap, Henry, <i>et al.</i> (See Richardson and Jones, assignors.)						
Heap, Joseph, <i>et al.</i> (See Richardson, Abraham, assignor.)						
Heap, Joseph, <i>et al.</i> (See Richardson and Jones, assignors.)						
Heap, Robert S., Burnley, and G. Grey, Cornholme, England. Self-acting mule and twiner.....	813,969	Feb. 27	4880	1078-9	120	2692
Heap, William, Muskegon, Mich. Flushing-tank.....	828,603	Aug. 14	1830	385	123	2154
Heard, C. E. (See Farleigh, George M., assignor.)						
Heard, George M. D., Worcester, Mass. Ratchet-brace.....	810,409	Jan. 23	3697	761	120	925
Hearn, James W., Murfreesboro, Tenn. Jack.....	821,239	May 22	4517	961	122	1184
Heart, Charles, assignor to Heart Metal Wheel and Gear Company, Alexandria, Ind. Wheel.....	810,649	Jan. 23	4175	862	120	1033
Heart, Charles, assignor to Heart Metal Wheel and Gear Company, Alexandria, Ind. Wheel-felly.....	810,860	Jan. 23	4556	948	120	1116
Heart Metal Wheel and Gear Company. (See Heart, Charles, assignor.)						
Heartt, William A., New York, N. Y., assignor to Voigtmann and Company, Chicago, Ill. Gravity-lock for windows.....	830,066	Sept. 4	314	63	124	77
Heartt, William A., New York, N. Y., assignor to Voigtmann and Company, Chicago, Ill. Gravity-lock for windows.....	830,067	Sept. 4	317	63	124	78
Heartt, William A., New York, N. Y., assignor to Voigtmann and Company, Chicago, Ill. Gravity-lock for windows.....	830,068	Sept. 4	318	64	124	78
Heartt, William A., New York, N. Y., assignor to Voigtmann and Company, Chicago, Ill. Gravity-lock for windows.....	824,115	June 26	3729	796	122	2705
Heartsagen, John, Allentown, Pa. Speeder-cone.....	827,801	Aug. 7	230	46	123	1728
Heaslet, James G. (See Hart, Harry M., assignor.)						
Heath, Edgar H., Chicago, Ill. Garment-clasp.....	836,764	Nov. 27	3726	794	125	1053
Heath, Forrest A., Jersey City, N. J. Carbureter.....	817,243	Apr. 10	1380	290-1	121	1724
Heath, Frank, National City, Cal. Pocket-camera.....	817,244	Apr. 10	1385	291	121	1726
Heath, Frank, National City, Cal. Pocket-camera.....	817,245	Apr. 10	1387	292	121	1726
Heath, Frank C., Revere, Mass. Grate.....	831,342	Sept. 18	2907	615-16	124	786
Heath, Harry E., Lynn, Mass., assignor to General Electric Company. Flexible sheet resistance.....	819,654	May 1	1212	266	122	272
Heath, Harry E., Lynn, Mass., assignor to General Electric Company. Thermo-electric couple.....	824,015	June 19	3562	.....	122	2610
Heath, Harry E., Lynn, Mass., assignor to General Electric Company. Resistance unit.....	825,211	July 3	1046	220	123	273
Heath, Noble, Antioch, Cal., assignor of three-fourths to W. S. Wright, J. W. Stewart, Chicago, and J. H. Winslow, Glencoe, Ill. Making bisulfite liquor.....	830,996	Sept. 11	2191	463	124	580
Heath, Squire. (See May, Henry H., assignor.)						
Heath, Thomas, Ngatimoti, New Zealand. Castrating appliance.....	825,829	July 10	2366	493	123	624
Heathcote, Edwin G., Lynchburg, Va. T-square.....	826,425	July 17	3493	727	123	914
Heaton, John S., assignor of two-thirds to H. McCreight and C. M. Lewis, Shelbyville, Ky. Car-rail hose-bridge.....	817,558	Apr. 10	2016	425	121	1856
Heatwole, Timothy O., <i>et al.</i> (See Hildebrand, Gould O., assignor.)						
Heber, Eduard, New York, N. Y. Obtaining gum from vegetable matter.....	824,116	June 26	3730	.....	122	2705
Heber, Eduard, New York, N. Y. Clarifying and deodorizing oil-of-wood turpentine.....	830,069	Sept. 4	319	.....	124	78
Heberling, John, Rochester, N. Y. Dumping-wagon.....	811,719	Feb. 6	347	77	120	1563
Heberling, Ralph H., Wilmerding, assignor of one-half to M. L. Jennings, Pittsburg, Pa. Coat, hat, and umbrella lock.....	820,191	May 8	2381	517	122	593
Heberling, Ralph H., Wilmerding, assignor of one-half to M. L. Jennings, Pittsburg, Pa. Whip-socket.....	837,222	Nov. 27	4649	988	125	1280
Hebert, Edward J., Bellrose, La. Clapboard-holder.....	839,142	Dec. 25	3694	797	125	2401
Hebert, Mador D., Gloversville, N. Y. Waxed-thread sewing-machine.....	819,065	May 1	54	12	122	15
Hébert, Placide, assignor of one-half to G. H. Cushman, Lynn, Mass. Making boots and shoes.....	836,972	Nov. 27	4152	886	125	1158
Hebert, Ubald B., and H. J. Brown, Wallingford, Vt. Rake-clearer.....	838,990	Dec. 18	3338	723	125	2263
Hebig, Max. (See Vogt and Hebig.)						
Hebrank, William F., Greenville, Ill. Automatic self-heating capping device.....	835,614	Nov. 13	1471	314	125	415
Hechheimer, Emanuel, Baltimore, Md. Comb-cleaner.....	832,258	Oct. 2	491	92	124	1332
Heckart, William, Bradner, Ohio. Shock-loader.....	817,370	Apr. 10	1623	343	121	1775
Heckart, William, Bradner, Ohio. Oil-well derrick.....	837,402	Dec. 4	250	63	125	1419
Heckel, Albert F., Galveston, Tex. Cutter-head.....	834,299	Oct. 30	4841	1023	124	2571
Heckel, Albert F., Galveston, Tex. Supplemental bed and guide attachment.....	838,540	Dec. 18	2528	546-7	125	2068
Hecker, Frederick H., Los Angeles, Cal. Sanitary syrup-receptacle for soda-water fountains. (Reissue).....	12,477	May 1	1326	287	122	298
Heckert, William. (See Wheeler and Heckert.)						
Heckert, William, Findlay, assignor of one-half to H. W. Seney, Toledo, Ohio. Engine.....	816,464	Mar. 27	5046	1071-2	121	1253
Heckert, William, Findlay, assignor of one-half to H. W. Seney, Toledo, Ohio. Gas-engine.....	816,549	Mar. 27	5226	1108	121	1294
Heckman, Noah L. (See Smith and Heckman.)						
Heckscher, Ledyard, Radnor, Pa. Blast-furnace.....	828,310	Aug. 14	1251	263	123	2005
Hedbavny, Anton. (See La Marche and Hedbavny.)						
Hedden, Samuel H., Grapevine, Ark. Vehicle-tire.....	839,285	Dec. 25	4166	891	125	2515
Hedderick, Leander J., Flora, Ind. Liquid-separator.....	837,403	Dec. 4	252	63	125	1419
Heddon, William T., Chetck, Wis. Reel-clamp for fishing-rods.....	837,565	Dec. 4	564	131	125	1496
Hedemann, Christian J., Honolulu, Hawaii. Liquid-weighing machine.....	812,846	Feb. 20	2653	580-1	120	2152
Hedgeland, Frederick W., Chicago, Ill. Self-playing mechanism for instruments.....	809,565	Jan. 9	1930	401	120	457
Hedges, Hardin W., Chase, Kans. Carbon-sheet holder.....	817,769	Apr. 17	2411	516	121	1998
Hedges, Hardin W., Chase, Kans. Loose-leaf binder.....	833,165	Oct. 16	2304	483	124	1858
Hedges, Merland M., and G. L. Miller, assignors to Chattanooga Pipe and Foundry Company, Chattanooga, Tenn. Boiler-pedestal.....	826,162	July 17	3002	623	123	796
Hedges, William H., Kansas City, Kans. Portable fireproof vault.....	810,861	Jan. 23	4557	949	120	1117
Hedrick, John M., Whitmarsh, Pa. Connector for bames.....	834,521	Oct. 30	5256	1117	124	2677
Hedstrom, Karl O. (See Johnson, John G., assignor.)						
Heely, Patrick, and J. Keers, New York, N. Y. Tool for spreading the tubes of water-tube boilers.....	808,920	Jan. 2	589	130	120	129

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Heely, Patrick, and J. Keers, Brooklyn, N. Y. Tool for holding fire-bricks of water-tube boilers	811,844	Feb. 6	589	129	120	1609
Heene, George W., Cleveland, Ohio. Blank stamping or impressing machine	809,591	Jan. 9	1983	412	120	467
Heene, George W., Cleveland, Ohio, assignor to Automatic Stamping Machine Company, Phoenix, Ariz. Ter. Blank	815,349	Mar. 20	2752	573	121	706
Heene, George W., Cleveland, Ohio, assignor to Automatic Stamping Machine Company, Phoenix, Ariz. Ter. Blank-stamping machine	826,163	July 17	3003	623-4	123	796
Heep, August J., <i>et al.</i> (See Reinschmidt, Frank, assignor.)						
Heer, Otto F. (See Gamber and Heer.)						
Heer, Otto F., and J. Gamber, Washington, Pa. Anvil attachment	825,126	July 3	867	182	123	230
Heermance, Charles S., San Francisco, Cal. Poster and color printing	824,016	June 19	3563	760	122	2610
Heermans, Thaddeus W., Evanston, Ill. Automatic brake for power-actuated elevators	815,015	Mar. 13	2031	426	121	498
Heeter, William M., Callensburg, Pa. Buggy-spring	822,738	June 5	1019	209	122	1952
Hefner, John L., Peoria, Ill. Couch	810,939	Jan. 30	4761	991	120	1193
Hefron, Cassius M., Rochester, N. Y. Fruit-slicer	827,691	July 31	6236	1295-6	123	1638
Heflebower, D. H. (See Luellen, Lawrence W., assignor.) (Reissue.)						
Hefty, Henry, St. Louis, Mo. Exhibition hat-case	825,388	July 10	1412	295	123	385
Hefty, Birger, Tula, assignor of one-half to W. Bradshaw, Vera Cruz, Mexico. Marine boiler	819,994	May 8	1958	433-4	122	497
Hegbon, Marselius, assignor to F. Voss, Chicago, Ill. Supporting means for metallic laths	815,292	Mar. 13	2586	544	121	623
Hegeler, Edward C., La Salle, Ill. Fire-clay retort and brick	826,032	July 17	2751		123	734
Hegeman, Benjamin A., Jr. (See Ames, John M., assignor.)						
Hegeman, Benjamin A., Jr. (See Brown, Thomas R., assignor.)						
Hegg, Nels, Harmony, Minn. Horseshoe-calk	810,755	Jan. 23	4361	906	120	1074
Heggem, Alfred G., Ironton, Ohio. Engine	836,186	Nov. 20	2547	535	125	729
Heggem, Charles O., assignor to Russell and Company, Massillon, Ohio. Traction-engine	819,226	May 1	385	81-2	122	91
Heggem, John B., Chicago, Ill. Paddle-wheel	817,711	Apr. 10	2269	488	121	1909
Heggie, David, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Socket-welding apparatus	808,657	Jan. 2	74	16	120	18
Heghinian, Garabed G., New York, N. Y. Molding-press	834,671	Oct. 30	5559	1180	124	2754
Hegle, Konrad, and O. E. Peterson, Lisbon, N. D. Automatic cut-off device for engines	836,254	Nov. 20	2700	574	125	768
Heibel, Henry, Chicago, Ill., assignor, by mesne assignments, to Combination Urn Manufacturing Company. Coffee-urn	814,960	Mar. 13	1899	399	121	470
Heichert, Herman S., Pittsburg, Pa. Apparatus for teeming metal	817,063	Apr. 3	1022	210-11	121	1585
Heid, Clara C., Juneau, Alaska. Letter-file	812,653	Feb. 13	2282	496	120	2029
Heid, Nicolaus, Stockerau, Austria-Hungary. Making tubes	835,420	Nov. 6	1105	238	125	278
Heidemann, Christian, St. Louis, Mo. Vaccine-shield	828,311	Aug. 14	1253	263	123	2006
Heidenheim, Emanuel. (See Goldberg, Samuel M., assignor.)						
Heidenkamp, Joseph, Springdale, Pa. Apparatus for making wire-glass	812,994	Feb. 20	2942	648	120	2216
Heidorn, Hugo, Hamburg, Germany. Apparatus for firing incandescent mantles	812,743	Feb. 13	2447	537	120	2063
Heidt, Allen P., Bay Shore, N. Y. Snap-hook	835,421	Nov. 6	1106	238	125	278
Heidt, Jacob F., Newark, N. J. Cuspidor attachment for bars	824,651	June 26	4801	1024	122	2934
Heierding, Fred E., Oklahoma, Okla. Ter. Perch-support	818,538	Apr. 24	3978	854	121	2390
Heiges, W. Smith. (See Keller, Frederick M., assignor.)						
Heiland, George W., New York, N. Y. Smoke-machine	821,489	May 22	5037	1072	122	1298
Heilman, Frederick, Johnstown, Pa. Incubator	826,722	July 24	4161	865	123	1104
Heilman, Henry N., assignor of one-half to F. H. Hamilton, St. Louis, Mo. Money-ship- ping receptacle	829,713	Aug. 28	4152	878	123	2812
Heim, Adam, Brownsville, Ind. Combined conveyer and elevator	829,648	Aug. 28	4012	850	123	2780
Heim, Adam, Brownsville, assignor of one-half to C. A. Rieman, Connerville, Ind. Flower-supporter	827,442	July 31	5655	1172	123	1489
Heim, Lewis R., Danbury, Conn. Machine for ironing fold-collars	818,247	Apr. 17	3403	729	121	2213
Heimann, Hugo, assignor to Heimann-Miller Manufacturing Company, St. Louis, Mo. Display-fixture	831,510	Sept. 18	3210	678	124	863
Heimann-Miller Manufacturing Company. (See Heimann, Hugo, assignor.)						
Heimerdinger, William C., Louisville, Ky. Machine for sharpening razors	839,289	Dec. 25	3986	856-7	125	2470
Heindorf, Oscar, London, England, assignor to J. Murphy, Brooklyn, N. Y. Solderless seam for sheet-metal vessels	818,438	Apr. 24	3769	810	121	2347
Heindorf, Oscar, London, England, assignor to J. Murphy, Brooklyn, N. Y. Forming hermetic seams in sheet metal	818,439	Apr. 24	3770	810	121	2347
Heine, August, Silver Creek, N. Y. Railway-tie	831,787	Sept. 25	3800	796	124	1056
Heinerich, Bruno, Mariner Harbor, N. Y. Fanning attachment for rocking-chairs	824,481	June 26	4471	948	122	2862
Heinicke, Hermann, Steglitz, near Berlin, Germany. Transformer	835,023	Nov. 6	298	64	125	77
Heinig, Frank, Beaver Dam, Wis. Marsh-shoe	836,255	Nov. 20	2701	574	125	768
Heinisch, Joseph, Topeka, Kans. Signal-lamp	813,700	Feb. 27	4354	958	120	2580
Heinkel, Christian F., and J. Muth, Cleveland, Ohio. Roller-bearing	837,830	Dec. 4	1089	242	125	1624
Heinle, Albert W., Crafton, assignor of one-half to J. Noland, Pittsburg, Pa. Metal-bending machine	817,246	Apr. 10	1390	293	121	1727
Heinr. Aug. Schoeller Söhne. (See Renker, Gustav, assignor.)						
Heinrich, Heinrich, assignor of one-half to D. D. A. Outcalt, Spotswood, N. J. Explosion-engine	810,535	Jan. 23	3953	813-14	120	985
Heinrich, Jakob, and H. Dorsch, Fürth, Germany. Machine for beating leaf metal	832,790	Oct. 9	1554	320	124	1626
Heinrich, John, J. Schmidt, and C. L. Etheridge, Kansas City, Mo. Fraud-preventive mechanism for cigar-vending machines	811,395	Jan. 30	5633	1179	120	1383
Heinrich, John, J. Schmidt, and C. L. Etheridge, Kansas City, Mo. Mechanism for feeding cigars in vending-machines	811,396	Jan. 30	5637	1180	120	1383
Heinrich, John, J. Schmidt, Kansas City, and C. L. Etheridge, St. Louis, Mo. Coin-controlled vending-machine	811,501	Jan. 30	5815	1217-18	120	1419
Heinrich, Stephen J. (See Cortland and Heinrich.)						
Heinrich, Stephen J., Bellevue, assignor to American Electric Alarm Company, Pittsburg, Pa. Fire-alarm box	816,465	Mar. 27	5051	1073	121	1254
Heinrici, Walter, Halle-on-the-Saale, Germany. Stable solution of peroxid of hydrogen	825,883	July 10	2462		123	645
Heins, John W., Cranford, N. J., assignor to Aeolian Company, New York, N. Y. Music-sheet indicator	819,135	May 1	197	40-1	122	50
Heinselman, David. (See Pauly and Heinselman.)						
Heintz, Otto L., Buffalo, N. Y. Enameled ornament	808,744	Jan. 2	248	54	120	57
Heintzelman, Taylor W., and J. G. Camp, Sacramento, Cal. Oil-burning steam-boiler	830,833	Sept. 11	1901	397	124	509
Heiny, Anatole C., New York, N. Y., assignor to Heiny Electric Co. Electric sign	834,235	Oct. 23	4688	993-4	124	2488
Heiny Electric Co. (See Heiny, Anatole C., assignor.)						
Heinz, John H., Marion, Ind. Filtration system	837,566	Dec. 4	565	132	125	1496
Heinze, F. Aug. (See Charles, Henry L., assignor.)						
Heinze, John O., Jr., Lowell, Mass. Dynamo-magnetic-power transmission device	816,912	Apr. 3	726	149-50	121	1519
Heinze, John O., Jr., Lowell, Mass. Alternating-current motor	823,495	Jan. 12	2558	539	122	2331

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Heinze, John O., Jr., Lowell, Mass. Vibrating mechanism for interrupting currents in spark-coils.	825,830	July 10	2367	494	123	624
Heiser, Valentine, assignor to one-half to H. A. Weller, Orwigsburg, Pa. Clothes-prop.	820,927	May 15	3877	826	122	982
Heisey, John H., Monticello, Iowa. Wire-stretcher.	836,379	Nov. 20	2933	622	125	824
Heisler, Charles L., Pittsburg, Pa. Condenser.	825,831	July 10	2369	494	123	624
Heisler, Charles L., Pittsburg, Pa. Pump-plunger packing-box.	825,832	July 10	2373	494-5	123	626
Heist, Charles N. (See Burkholder, Isaac R., assignor.)						
Heister, John F., assignor to Phillips & Clark Stove Company, Geneva, N. Y. Stove.	828,476	Aug. 14	1585	335	123	2091
Heitkamp, William C., Pleasant Ridge, Ohio. Smooth-bore rotating cannon.	819,995	May 8	1960	434	122	497
Heitmann, Arnold H. C. and E. C. Clemmensen, assignors to Parke, Davis & Company, Detroit, Mich. Alkyl-oxyacetyl-cyanamid and making same.	814,693	Mar. 13	1411		121	368
Heitmann, Arnold H. C. and E. C. Clemmensen, assignors to Parke, Davis & Company, Detroit, Mich. Eth-oxy-phenyl-camphoryl imid and making same.	824,357	June 26	4197		122	2805
Heitz-Boyer, Maurice G., Paris, France. Vehicle-wheel.	812,563	Feb. 13	2115	463-4	120	1997
Heitz, John J., Youngstown, Ohio. Automatic safety-valve.	838,327	Dec. 11	2110	456	125	1922
Heizer, Alexander L. (See Heizer, Edward L. and A. L.)						
Heizer, Edward L. and A. L., Anderson, Ind. Weighing-scoop.	817,974	Apr. 17	2847	617	121	2096
Helander, Axel H., Pueblo, Colo. Reducing metal-bearing materials.	831,067	Sept. 18	2366		124	655
Helander, Axel H., Pueblo, Colo., assignor to Mesta Machine Company, Pittsburg, Pa. Regulating device for condensers.	829,964	Sept. 4	62	11	124	15
Helbig, Henry, Munich, Germany. Theater.	821,164	May 22	4379	932	122	1154
Held, Frank G., M. W. Fox, J. G. Lund, and A. Jenson, Kenyon, Minn. Feed and litter carrier.	838,023	Dec. 11	1475	318	125	1765
Hele-Shaw, Henry S., Liverpool, England. Clutch mechanism.	814,132	Mar. 6	258	50-2	121	57
Hele-Shaw, Henry S., Liverpool, England. Starting, stopping, speed-controlling, and reversing gear.	814,133	Mar. 6	262	52	121	58
Helfrich, Michael D. (See Winter, Charles F., assignor.)						
Heller, Charles G., Newark, N. J. Button-cleaning machine.	838,991	Dec. 18	3339	723	125	2263
Heller, Fritz, Southington, Conn. Hand-controlled tool.	839,477	Dec. 25	4360	933	125	2562
Hellich, Mathis, Guensbach, assignor to Elsaessische Apparatefabrik & Metallgiesserei A. Struedel & J. Guntz, Strassburg-Königshofen, Germany. Device for applying cops to loom-shuttle spindles.	817,770	Apr. 17	2413	516	121	1998
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drill or rock-drilling machine.	816,090	Mar. 27	4285	908	121	1092
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drill.	819,755	May 8	1423	306	122	377
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drilling machine.	819,756	May 8	1430	306	122	380
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drilling machine or engine.	829,071	Aug. 21	2765	582	123	2422
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drilling machine or engine.	832,791	Oct. 9	1557	321	124	1627
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drilling machine or engine.	834,522	Oct. 30	5257	1117	124	2678
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drill.	839,586	Dec. 25	4573	975	125	2613
Hellmann, Heinrich W., Berlin, Germany. Steering-propeller for boats.	816,163	Mar. 27	4431	937	121	1122
Hellmann, Heinrich W., Berlin, Germany. Magnetic ignition device for explosion-engines.	832,189	Oct. 2	344	64	124	1296
Hellmuth, Charles, New York, N. Y. Combined knife, fork, can-opener, and saw.	812,424	Feb. 13	1834	402	120	1939
Hellström, Carl D., Nyfors, Sweden. Liner for centrifugal liquid-separators.	809,685	Jan. 9	2181	451-2	120	512
Hellstrom, John A., Pittsburg, assignor, by mesne assignments, to Hough Pump Company, Franklin, Pa. Pumping device.	837,831	Dec. 4	1090	243	125	1625
Hellstrom, John A., Pittsburg, assignor of two-thirds to W. S. Haugh, Allegheny, and J. T. Rowley, Pittsburg, Pa. Hoibed.	816,323	Mar. 27	4766	1009-10	121	1194
Hellums, David A., Robbs, Miss. Cultivator.	831,157	Sept. 18	2540	535	124	693
Hellig, Albert A., Gloversville, N. Y. Skin-stretching machine.	813,293	Feb. 20	3534	779	120	2394
Hellyer, Henry A. C., Tenafly, N. J. Lamp-shade holder.	835,422	Nov. 6	1106	238	125	279
Hellyer, Joseph L., Iconium, assignor of one-half to J. C. Cook, Russell, Iowa. Ore separating and concentrating machine.	824,927	July 3	501	99	123	133
Hellyer, Joseph L., Iconium, assignor of one-half to J. C. Cook, Russell, Iowa. Drying-machine.	825,905	July 17	2503	521	123	667
Helm, Eugene F., Montpelier, Ind. Device for connecting rods.	833,386	Oct. 16	2760	581	124	1976
Helm, John, St. Louis, Mo. Excavating-machine.	821,413	May 22	4890	1038-9	122	1267
Helm, John E. (See Kinzey, Mortimer, assignor.)						
Helmeke, Herman, assignor to W. Conway, St. Louis, Mo. Roll-paper cutter.	823,120	June 12	1803	371	122	2168
Helmer, Robert, Hector, Minn. Mechanical toy.	817,771	Apr. 17	2414	517	121	1998
Helmer, Robert, Hector, Minn. Dancing toy.	817,772	Apr. 17	2417	517	121	1999
Helmer, William, assignor to American Soda Fountain Company, Boston, Mass. Liquid-dispensing apparatus.	828,477	Aug. 14	1588	335	123	2092
Helmig, Katie C., et al. (See Turney, Edgar E., assignor.)						
Helmolt, Karl von, Bremen, Germany. Wind-shelter.	835,906	Nov. 13	2007	426-7	125	546
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	821,036	May 22	4129	877	122	1098
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	827,726	Aug. 7	63	13	123	1686
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	828,548	Aug. 14	1731	365	123	2127
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	838,328	Dec. 11	2111	456	125	1922
Helmond, William F. and F. A. Cook, Hartford, Conn., assignors to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	831,951	Sept. 25	4150	865	124	1141
Helms, Madison T., Noblesville, Ind. Register for pool-frames.	831,068	Sept. 18	2366	498	124	655
Helps, George, Nunaton, England. Elastic chain.	829,009	Aug. 21	2631	555	123	2386
Helton, Edward. (See Kennedy, Louis H., assignor.)						
Helton, John W., assignor of four-fifths to S. Shilliam, Waterloo, Iowa. Draft-equalizer.	831,432	Sept. 18	3071	651	124	827
Hemenway, John F. (See Bascom, Henry M., assignor.)						
Hemingway, John, Lynn, Mass. Pelt-cleaner.	816,466	Mar. 27	5056	1073-4	121	1254
Hemingway, John, Lynn, Mass. Apparatus for cutting dried skins.	831,866	Sept. 25	3973	830	124	1096
Hemleb, Martin, Elizabeth, N. J., assignor to Singer Manufacturing Company. Sewing-machine feed and loop-taker actuating mechanism.	809,566	Jan. 9	1932	401	120	458
Hemleb, Martin, Elizabeth, N. J., assignor to Singer Manufacturing Company. Feed-regulating device for sewing-machines.	809,945	Jan. 16	2676	552	120	673
Hemmick, Roland J. (See Read, William E., assignor.)						
Hempel, Henry A., assignor of one-half to J. A. Dingens, Buffalo, N. Y. Printer's quoin.	816,324	Mar. 27	4768	1010	121	1194
Hemphill, Joshua D., Pawtucket, R. I., assignor to Mayo Knitting Machine and Needle Company, Franklin Falls, N. H. Knitting-machine.	827,367	July 31	5463	1136	123	1443
Hemphill, Martin L., Rensselaer, Ind. Horseshoeing-stocks.	819,429	May 1	794	171-2	122	179

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Hemstreet, Myron, Jr., North Bergen, N. J. Case for phonographic outfits.....	827,528	July 31	5887	1218-19	123	1545
Hencke, John W. (See Elbra, John W., assignor.)						
Henckel, Gustave A., East Orange, N. J. Tableware and like articles.....	809,567	Jan. 9	1934	402	120	458
Hendershot, Wellington F., Grind Stone City, Mich. Means for securing wires to fence-posts.....	830,997	Sept. 11	2194	464	124	580
Henderson, Alexander, assignor to J. Henderson, Jersey City, and M. Schalscha, Hoboken, N. J. Dumping-bucket.....	816,579	Apr. 3	44	11	121	1364
Henderson, Alonzo P., Hanover, Mass. Roofing-bracket.....	825,051	July 3	728	152	123	195
Henderson, Edwin F., West Allis, Wis. Curtain-fixture.....	827,151	July 31	5046	1052	123	1339
Henderson, Edwin L., Pleasant Ridge, assignor to Kemper-Thomas Company, Norwood, Ohio. Bill-file for bills, receipts, and the like.....	815,427	Mar. 20	2932	608	121	747
Henderson, Fred J. (See Hale, Charles B., assignor.)						
Henderson, George R., and W. V. Turner, Topeka, Kans., assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Air-brake system.....	836,682	Nov. 27	3552	758	125	1008
Henderson, George W. (See McKinney and Henderson.)						
Henderson, Henri R., St. Louis, Mo. Wall-cleaning compound.....	839,290	Dec. 25	3988		125	2471
Henderson, James. (See Peake and Henderson.)						
Henderson, James, assignor to Sheffield Car Company, Three Rivers, Mich. Nozzle.....	814,694	Mar. 13	1412	293	121	368
Henderson, James A., St. Louis, Mo. Show-case corner.....	810,410	Jan. 23	3699	762	120	925
Henderson, James C., Los Angeles, Cal. Protective bottle.....	822,739	June 5	1020	209	122	1952
Henderson, John, <i>et al.</i> (See Henderson, Alexander, assignor.)						
Henderson, John M., Aberdeen, Scotland. Appliance for lifting, moving, and depositing materials.....	823,861	June 19	3266	692-3	122	2548
Henderson, John M., Waterbury, Conn. Wire-drawing machine.....	827,975	Aug. 7	562	115	123	1811
Henderson, Joseph W., Butler, Pa. Foundry or casting plant. (Reissue).....	12,495	June 12	2568	542	122	2333
Henderson, Leo, Peoria, Ill. Hydrocarbon-gas generator.....	811,845	Feb. 6	592	129	120	1610
Henderson, Robert J., Philadelphia, Pa. Glazier's point.....	820,192	May 8	2383	517	122	593
Henderson, Robert L., West, Tex. Gin-saw cleaner.....	838,857	Dec. 18	3127	674	125	2216
Henderson, Thomas, Tennessee Colony, Tex. Harrow.....	834,300	Oct. 30	4842	1023	124	2572
Henderson, Thomas D., Chicago, Ill. Railway-rail stay.....	808,921	Jan. 2	592	130	120	130
Henderson, William E., Chicago, Ill. Pin.....	828,286	Aug. 7	1194	249	123	1964
Henderson, William G., and J. W. Weiss, Oil City, Pa. Cooker.....	812,564	Feb. 13	2118	464	120	1998
Henderson, William W., Washington, D. C., assignor to Industrial Transportation Company. Explosive-engine.....	826,101	July 17	2894	600-1	123	770
Hendley, Martha G., Mayfield, Ky. Iron-heater.....	810,650	Jan. 23	4177	863	120	1034
Hendricks, Adam C., Hagerstown, Md. Clutch mechanism.....	836,035	Nov. 13	2212	473-4	125	594
Hendricks, Adam C., Hagerstown, Md. Clutch mechanism.....	838,024	Dec. 11	1478	318-19	125	1765
Hendricks, Augustin, Grand Rapids, Mich. Caster attachment for adding-machine stands.....	823,468	June 12	2478	523	122	2315
Hendricks, Augustin, Grand Rapids, Mich. Face-protector.....	833,926	Oct. 23	3922	831	124	2303
Hendricks, Augustin, Grand Rapids, Mich. Cabinet for adding-machines.....	833,927	Oct. 23	3923	832	124	2303
Hendricks, John J. (See Loudon and Hendricks.)						
Hendrickson, John H., assignor to Hydraulic Portland Rock Company, Cleveland, Ohio. Machine for molding concrete or cementitious building-blocks.....	830,899	Sept. 11	2011	423-4	124	538
Hendrickson, Magnus, assignor to J. Lauth, Chicago, Ill. Power-transmission mechanism.....	826,851	July 24	4406	917-18	123	1166
Hendrickson, Magnus, assignor to J. Lauth, Chicago, Ill. Clutch mechanism.....	831,433	Sept. 18	3073	651	124	828
Hendrickson, Peter H., Skibo, Minn. Rotary engine.....	832,479	Oct. 2	922	180	124	1434
Hendrickson, Peter H., Skibo, Minn. Rotary engine.....	832,480	Oct. 2	924	180-1	124	1434
Hendrix, Jacob R., Elizabethton, Tenn. Feed-regulator.....	818,375	Apr. 17	3638	780-1	121	2263
Hendry, William F., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Automatic motor-starter.....	836,036	Nov. 13	2217	474	125	596
Hendryx, Wilbur A., Denver, Colo. Precipitating-cell.....	834,575	Oct. 30	5360	1137	124	2702
Hendryx, Wilbur A., Denver, Colo. Apparatus for recovering metals.....	834,803	Oct. 30	5834	1238	124	2822
Hendryx, Wilbur A., Denver, Colo. Metal-depositing apparatus.....	837,832	Dec. 4	1092	243	125	1625
Hendryx, Wilbur A., Los Angeles, Cal. Treating ores.....	836,380	Nov. 20	2934	623	125	824
Henerlau, Otto L., Newark, N. J. Shirt-stud.....	814,042	Mar. 6	85	16	121	20
Henery, Grant, Zanesville, Ohio. End-gate for vehicles.....	835,423	Nov. 6	1108	239	125	279
Heninger, Andrew J., Tazewell, Va. Fence-post.....	834,804	Oct. 30	5836	1238	124	2823
Henke, Christian B. E., and G. A. H. Schulte, Bremen, Germany. Manufacture of bottle-envelops.....	809,299	Jan. 9	1383	281	120	340
Henke, Robert, Jr., New York, N. Y. Gold-leaf book.....	820,717	May 15	3411	729	122	878
Henkel, August, Newark, N. J. Nail-file.....	825,212	July 3	1047	221	123	274
Henkel, George, Paris, Tex., assignor of one-half to K. Nichols, St. Louis, Mo. Folding bed.....	830,590	Sept. 11	1409	292	124	377
Henkel, Otto M., Warren township, Macomb county, Mich. Farm-tool.....	838,405	Dec. 11	2262	489	125	1958
Henkelman, Frederick. (See Kindig, Samuel C., assignor.)						
Henkelman, Frederick, <i>et al.</i> (See Kindig and Ferguson, assignors.)						
Henley, Kintchen T. (See Garner and Henley.)						
Henn, Edwin C., Cleveland, Ohio. Binding-post.....	813,093	Feb. 20	3138	687	120	2259
Henn, William A., assignor to Sanitary Manufacturing Company, Hamilton, Ohio. Hinge for closet-seats.....	823,275	June 12	2132	444	122	2242
Henn, William A., assignor to Sanitary Manufacturing Company, Hamilton, Ohio. Water-closet actuator.....	831,158	Sept. 18	2541	536	124	693
Hennebeul, Otto J., Wilkes-Barre, Pa. Horseshoe-calk.....	821,414	May 22	4893	1040	122	1267
Hennebique, François, Paris, France. Wall for dams, barriers, protection-walls, and reservoir-walls, and the like.....	821,037	May 22	4130	877-8	122	1098
Henneböhle, Frank, Chicago, Ill. Balanced hydraulic valve.....	817,773	Apr. 17	2418	517-18	121	1999
Henneböhle, Frank, Chicago, Ill. Cock.....	831,159	Sept. 18	2542	536	124	694
Hennen, Mathias, Minneapolis, Minn. Weatherproof paste.....	823,330	June 12	2237		122	2265
Hennequin, Edward C., London, England. Device for turning the leaves of music.....	837,833	Dec. 4	1094	243-4	125	1625
Henner, Joseph F., Haines, Oreg. Car-brake.....	813,889	Feb. 27	4732	1046	120	2663
Hennessey, Jerome H., Washington, D. C. Ink-roller and making the same.....	830,432	Sept. 4	1076	224	124	266
Hennessey, Richard W., Burntranch, Cal. Gun-sight.....	837,223	Nov. 27	4651	988	125	1281
Hennicke, Charles A., assignor to Pratt & Letchworth Company, Buffalo, N. Y. Spring-gear for vehicles.....	809,946	Jan. 16	2678	553	120	674
Henning, Thomas J. (See Weir and Henning.)						
Henninger, Bernhard, New York, N. Y. Scraper.....	822,605	June 5	757	153	122	1895
Henninger, Thomas C., Markham, Tex. Combined separator and bagging device for grain.....	820,867	May 15	3725	795	122	948
Henningsen, George, Kimballton, Iowa, assignor to Henningsen & Jensen. Mold-forming mechanism.....	809,504	Jan. 9	1820	375	120	434
Henningsen & Jensen. (See Henningsen, George, assignor.)						
Hennis, Edward C. (See Rugh, Harry O., assignor.) (Reissue.)						
Henrich, John G., London, England. Siphon-bottle.....	816,091	Mar. 27	4290	909	121	1093
Henrichsen, Olaf, New York, N. Y. Race-course machine.....	815,165	Mar. 13	2337	489	121	566

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dis.	Vol.	Page.
Henrichsen, Olaf, New York, N. Y. Game.....	831,069	Sept. 18	2367	498-9	124	656
Henrichsen, Olaf, New York, N. Y. Amusement device.....	834,055	Oct. 23	4311	916	124	2392
Henrichsen, Olaf, New York, N. Y. Amusement device.....	835,424	Nov. 6	1109	239-40	125	279
Henricks, Isaac Y., Philadelphia, Pa. Card-display rack.....	832,057	Oct. 2	55	14	124	1226
Henricks, Isaac Y., Philadelphia, Pa. Card-display rack.....	835,615	Nov. 13	1472	315	125	415
Henricks Novelty Company. (See Wynn, Robert E., assignor.)						
Henrikson, Adolph F., Troy, N. Y. Micrometer attachment for linear scales.....	827,443	July 31	5656	1172	123	1489
Henrikson, Emanuel, Bridgeport, Conn. Double-acting ratchet.....	828,884	Aug. 21	2388	509	123	2325
Henrikson, Josef, Dyerville, Cal. Transmission mechanism.....	833,833	Oct. 23	3704	789	124	2245
Henriksson, Carl, assignor to Aktiebolaget S. Henrikssons Sprutfabrik & Mekamiska Verkstad, Stockholm, Sweden. Wheeled dirt-receptacle.....	839,143	Dec. 25	3696	797-8	125	2402
Henry, Benjamin F., San Pedro, Cal. Hoist.....	838,025	Dec. 11	1481	319	125	1766
Henry, Charles, Paris, France. Making a cold dye.....	835,754	Nov. 13	1723	.....	125	477
Henry Disston and Sons. (See Charlton, Richard C., assignor.)						
Henry, Edward A., Columbus, Ohio. Combined package-carrier and basket.....	834,726	Oct. 30	5665	1202	124	2781
Henry, Eugene S., and D. B. Camp, Boise, Idaho. Elevating means.....	826,164	July 17	3006	624	123	797
Henry, Francis M., and J. G. Madden, Minneapolis, Minn. Concrete construction.....	825,052	July 3	729	153	123	195
Henry, Francis M., and J. M. Powers, Minneapolis, Minn. Nut-lock.....	829,209	Aug. 21	3078	647	123	2503
Henry, Frederick T., et al. (See Northrop, Claude S., assignor.)						
Henry, George B., and A. Marsh, Gerster, Mo. Folding poultry-crate.....	823,945	June 19	3421	731	122	2581
Henry, George J., Jr., assignor to one-half to Pelton Water Wheel Company, San Francisco, Cal. Hydraulic support for deflecting nozzles.....	810,756	Jan. 23	4361	906	120	1075
Henry, Joseph L., Rochester, N. Y. Thill-coupling.....	814,005	Feb. 27	4956	1097-8	120	2706
Henry, Knox, Montreal, Quebec, Canada. Spring-mattress.....	830,320	Sept. 4	846	174	124	211
Henry, Michael, Port Dalhousie, Canada. Mooring-post.....	826,571	July 24	3867	800	123	1027
Henry R. Worthington. (See Grace, John F., assignor.)						
Henry R. Worthington. (See Nickel, Franz F., assignor.)						
Henry R. Worthington. (See Ray, Frederick, assignor.)						
Henry R. Worthington. (See Schwanhauser, William, assignor.)						
Henry, René, Montreal, Canada, assignor to F. L. Decarie, New York, N. Y. Steam-generator.....	825,649	July 10	2021	422	123	539
Henry, Robert G., assignor to Henry & Wright Company, Hartford, Conn. Feed mechanism for drill-spindles.....	825,273	July 3	1156	244	123	301
Henry Vogt Machine Company. (See Thurstensen, Soren, assignor.)						
Henry, William, New Bedford, assignor to Stoddard, Haserick, Richards & Company, Boston, Mass. Stop-motion for sliver lap-machines.....	821,590	May 22	5213	1112-13	122	1335
Henry, William, New Bedford, assignor to Stoddard, Haserick, Richards & Company, Boston, Mass. Stop-motion especially adapted for combing-machines.....	824,787	July 3	201	36	123	58
Henry, William K., assignor to P. & F. Corbin, New Britain, Conn. Door check and closer.....	810,411	Jan. 23	3700	762	120	926
Henry, William K., assignor to P. & F. Corbin, New Britain, Conn. Door closer and check.....	821,714	May 29	5491	1169-70	122	1453
Henry, William K., assignor to P. & F. Corbin, New Britain, Conn. Door closer and check.....	833,387	Oct. 16	2761	582	124	1977
Henry, William K., assignor to P. & F. Corbin, New Britain, Conn. Door hinge and closer.....	838,622	Dec. 18	2687	576	125	2106
Henry & Wright Company. (See Henry, Robert G., assignor.)						
Henry & Wright Manufacturing Company. (See Wright, Daniel M., assignor.)						
Hensch, Gustav, assignor to Firm of E. Holzweissig Nachf, Leipsic, Germany. Gramophone.....	825,725	July 10	2174	454	123	576
Hensel, Harry C., Chicago, Ill. Type-distributing mechanism.....	810,205	Jan. 16	3219	667	120	786
Hensel, Henry. (See Tolke and Hensel.)						
Hensel, William T. (See Tolke and Hensel.)						
Hensley, Charles H. (See Louiso and Hensley.)						
Hensley, Hubert A., New Rochelle, N. Y. Calculating-machine.....	823,219	June 12	2011	419-20	122	2215
Hensley, John, Huntington, Ind. Trolley-wheel.....	812,847	Feb. 20	2654	581	120	2152
Hensley, John, Huntington, Ind. Contact-spring for trolley-harps.....	835,728	Nov. 13	1668	354	125	464
Hensley, Joseph B., Beeville, Tex. Rail-joint.....	810,757	Jan. 23	4363	906	120	1075
Henson, John W., New York, N. Y. Curtain-looper.....	820,786	May 15	3541	759	122	909
Henson, William M., Kansas City, Mo. Kitchen-cabinet.....	811,918	Feb. 6	738	161	120	1641
Henvis, Morris P., Norfolk, Va., assignor to one-half to C. E. Parker. Window mechanism.....	839,759	Dec. 25	4939	1054-5	125	2704
Henzel, Casper H., assignor to two-thirds to R. J. Brown, Allegheny, and J. G. Fitzpatrick, Wilkensburg, Pa. Strainer.....	826,505	July 17	3706	768	123	975
Hepke, Alexander, and K. Diener, Berlin, Germany. Switch-plug with electrical fuse.....	809,300	Jan. 9	1384	281	120	340
Hepke, Alexander, and K. Diener, Berlin, Germany. Electric multiple-fuse plug.....	809,301	Jan. 9	1386	281	120	340
Hepke, Alexander, and K. Diener, Berlin, Germany. Multiple fuse-plug.....	823,044	June 12	1628	337	122	2132
Hepp, Augusta C., New York, N. Y. Grate.....	835,024	Nov. 6	299	64	125	78
Hepp, Daniel, Chicago, Ill. Workman's time-recorder.....	814,602	Mar. 6	1197	250-1	121	259
Hepps, Bernhard. (See Ward, George, assignor.)						
Heraeus, Firm of W. C. (See Haag, Ernst, assignor.)						
Herbaczowski, Hermann. (See Vollmer and Herbaczowski.)						
Herbeck, Emil, Philadelphia, Pa. Display-chest for silverware, &c.....	823,778	June 19	3112	659	122	2512
Herbein, George W., assignor to J. A. Herbein, Seattle, Wash. Producing artificial fuel.....	826,723	July 24	4163	.....	123	1105
Herbein, Josephine A. (See Herbein, George W., assignor.)						
Herbert, Charles, et al. (See Wöehle, William, assignor.)						
Herbert, Charles G., Detroit, Mich. Clutch.....	832,383	Oct. 2	733	142-3	124	1388
Herbert, George, Jr., Glasgow, Scotland. Biscuit-making machine.....	827,444	July 31	5658	1172-3	123	1489
Herbert, Peter, Cincinnati, Ohio. Folding bed.....	825,389	July 10	1414	295	123	386
Herbert, William J., New York, N. Y. Street-car.....	814,043	Mar. 6	88	16-17	121	20
Herbine, John C. (See Hickman and Herbine.)						
Herblin, William L. (See Mettenheimer and Herblin.)						
Herbrand Company. (See Fetzer, James J., assignor.)						
Herbst, Carl W. (See Ortmann and Herbst.)						
Hercules Chain Company. (See Weaver, Isaac D., assignor.)						
Hercules Gas Engine Works. (See Johnston, Harry A., assignor.)						
Hercules, George W., and T. J. Martin, Beaver, Pa. Switch-throwing device.....	816,913	Apr. 3	728	150	121	1520
Hercules Manufacturing Company. (See Sheakley, Arthur M., assignor.)						
Hercules Safety Clasp Company. (See Steinberg, Isaac, assignor.)						
Herder, Charles G., Blanchester, Ohio. Display-rack.....	811,720	Feb. 6	349	77	120	1564
Herdle, Frederick J., Chicago, Ill. Locking-screw.....	824,017	June 19	3564	761	122	2611
Hereford, Francis G. (See Bedient, George H., assignor.)						
Herendeen Manufacturing Company. (See Dean, Mark, assignor.)						
Hergert, Frederick W. (See Lummis and Hergert.)						
Hering, Carl, Philadelphia, Pa. Electrical measuring instrument.....	831,609	Sept. 25	3434	722	124	956

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
Hérissé, Emile, New York, assignor to C. Ross & Son Company, Brooklyn, N. Y. Cake-depositing machine.	827,306	July 31	5347	1110-11	123	1413
Hérissou, Albert, Nîmes, France. Friction-clutch.	819,544	May 1	1002	220	122	225
Hérissou, Albert, Nîmes, France. Friction-clutch.	831,343	Sept. 18	2911	616-17	124	787
Herkner, Paul E., Berlin, Germany, assignor to General Electric Company. System of trolley-wire suspension.	816,467	Mar. 27	5057	1074	121	1255
Herman, Elmer E., <i>et al.</i> (See Bollenbach, Friedrich, assignor.)						
Herman, Frederick, Lincoln, Nebr. Blindstitching sewing-machine.	814,603	Mar. 6	1201	251-2	121	260
Herman, Henry F. (See Klumpp and Herman.)						
Herman, John, Lincoln, Nebr. Reducing ores.	831,160	Sept. 18	2544	536	124	694
Herman, John E., Sandusky, Ohio. Tooth-spreader.	819,136	May 1	199	41	122	51
Herman, John E., Sandusky, Ohio. Dental matrix-retainer.	819,137	May 1	200	41	122	51
Herman, Martin, Maitland, Colo. Salt-and-pepper-cruet-holder.	834,979	Nov. 6	198	43	125	52
Herman, Raymond L., assignor, by mesne assignments, to Maline Novelty Manufacturing Co., New York, N. Y. Marking device.	833,964	Oct. 23	4090	872	124	2336
Herman, Reinhold, Crafton, Pa., assignor to General Electric Company. Rain-guard for signals.	809,800	Jan. 9	2387	494	120	557
Herman, Reinhold, Crafton, Pa., assignor to General Electric Company. Relay.	815,822	Mar. 20	3724	784-5	121	917
Hernance, Frank O., Aberdeen, S. D. Storm-window and window-screen fastener.	822,521	June 5	574	115	122	1852
Hermann, Adalbert, assignor of seventy per cent. to H. Herzfelder, Vienna, Austria-Hungary. Process and apparatus for the construction of slabs of artificial stone, &c.	838,406	Dec. 11	2263	489-90	125	1958
Hermann, Friedrich, Glatz, Germany. Conveying device for all kinds of unburnt bricks produced in the molding-press.	839,587	Dec. 25	4579	976-7	125	2615
Hermann, George, Chicago, Ill. Roundabout.	820,111	Mar. 8	2229	484	122	560
Hermann, Jacob, Cincinnati, Ohio. Bottle-seal.	834,906	Nov. 6	62	12	125	18
Hermann, Ludwig A., Hamburg, Germany. Driving and brake mechanism in bicycle-hubs.	830,229	Sept. 4	667	134	124	168
Hermansen, Gustav, Albany, N. Y. Rotary air-compressor.	828,111	Aug. 7	849	175	123	1880
Hermanson, Gustaf A. (See Munton and Hermanson.)						
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.	812,927	Feb. 20	2809	619	120	2188
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.	830,713	Sept. 11	1685	346	124	454
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.	830,714	Sept. 11	1688	347	124	455
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.	830,715	Sept. 11	1689	347	124	456
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.	830,716	Sept. 11	1692	347-8	124	457
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.	830,717	Sept. 11	1694	348	124	457
Hermanson, Gustaf A., assignor to C. H. Ferry, Chicago, Ill. Car-coupling.	831,070	Sept. 18	2370	499	124	656
Hermansy, William S. (See Gathmann and Hermansy.)						
Hermes, W. H. (See Myers, William D., assignor.)						
Hermetic Closure Co. (See Buhles, William C., assignor.)						
Hermetic Closure Co. (See Landsberger, Julius A., assignor.)						
Hermion, Ezra, Winterset, Iowa. Automatic check-row corn-planter and marker.	820,305	May 8	2606	567-8	122	643
Hernsdorf, Max, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Lever-actuated wedge breech-block.	809,801	Jan. 9	2388	494	120	558
Hernsdorf, Max, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Lever-actuated wedge breech-block.	809,947	Jan. 16	2680	553	120	674
Hero Fruit Jar Company. (See Sarge, Charles W., assignor.)						
Herold, John, Detroit, Mich. Target.	811,636	Feb. 6	206	44	120	1530
Herold, Ladimir, <i>et al.</i> (See Horazdovsky, Joseph G., assignor.)						
Heron, James E., Meeteetse, Wyo. Game apparatus.	834,130	Oct. 23	4494	953	124	2441
Héroult, Paul L. T., La Praz, assignor to Société Electro-Metallurgique Française, Froges, Isère, France. Smelting iron ore.	815,016	Mar. 13	2037	426	121	499
Héroult, Paul L. T., La Praz, assignor to Société Electro-Metallurgique Française, Froges, Isère, France. Apparatus for smelting iron ore.	815,293	Mar. 13	2587	544	121	624
Herr, Charles, <i>et al.</i> (See Herr, Shirl, assignor.)						
Herr, Christian A., Osborn, Ohio. Box construction.	820,417	May 15	2832	617	122	751
Herr, Henry C., Detroit, Mich. Machine for forming cylindrical packages.	823,276	June 12	2132	445-6	122	2243
Herr, Homer A., Philadelphia, Pa. Automatic press.	819,996	May 8	1961	434-5	122	497
Herr, John, <i>et al.</i> (See Herr, Shirl, assignor.)						
Herr, John, Port Huron, Mich. Package.	809,948	Jan. 16	2681	553	120	675
Herr, Joseph, Gibsonburg, Ohio. Shade-roller and curtain-pole support.	810,142	Jan. 16	3091	638	120	760
Herr, Shirl, Lebanon, Ind. Clover-seed-recleaning process.	813,890	Feb. 27	4735	1047	120	2663
Herr, Shirl, assignor of two-thirds to C. and J. Herr, Lebanon, Ind. Color-changing screen.	829,337	Aug. 21	3336	702	123	2566
Herr, William J., Grand Rapids, Mich., assignor to C. G. Conn Company, Elkhart, Ind. Device for bending tubing.	819,545	May 1	1003	220	122	226
Herrera, Miguel M., Caracas, Venezuela. Coffee-cooker.	837,834	Dec. 4	1095	244	125	1636
Herrick, Austin T., Bradford, Pa. Pipe-coupling.	808,922	Jan. 2	594	130	120	130
Herrick, Austin T., Bradford, Pa. Pipe-coupling.	808,923	Jan. 2	595	131	120	130
Herrick, Austin T., Bradford, Pa. Leak-stop.	813,891	Feb. 27	4736	1047	120	2664
Herrick, Austin T., Bradford, Pa. Pipe-coupling.	834,618	Oct. 30	5463	1160	124	2729
Herrick, Charles D., Hutchinson, Kans. Egg-separator.	828,312	Aug. 14	1254	263	123	2006
Herrick, Leander F., Worcester, Mass. Horn-trainer.	832,128	Oct. 2	214	43	124	1205
Herrin, Joseph, <i>et al.</i> (See Knowles, Camden E., assignor.)						
Herring-Hall-Marvin Safe Company. (See Holstein, Theodor H., assignor.)						
Herring-Hall-Marvin Safe Company. (See Watson, Elmer E., assignor.)						
Herrington, Clayton, <i>et al.</i> (See Herrington, Jacob, assignor.)						
Herrington, Florence L., New York, N. Y., and H. Knight, Jersey City, N. J., assignors to International Cigar Machinery Company, New York, N. Y. Wrapper-transferring mechanism.	808,745	Jan. 2	249	54	120	57
Herrington, Jacob, assignor of one-half to J. De Philippis, Houston, Tex. Bottle-closure.	809,258	Jan. 2	1300	265	120	286
Herrington, Jacob, assignor of three-fourths to C. Herrington, C. J. Suhm, and J. De Philippis, Houston, Tex. Railway-switch.	831,867	Sept. 25	3975	830	124	1096
Herrmann, Daniel, Guttenburg, N. J. Oilier.	822,045	May 29	6123	1304	122	1596
Herrmann, Gustav H., Schweidnitz, Germany. Flash-light cartridge.	811,780	Feb. 6	455	98	120	1584
Herrmann, John, and C. Schwane, Charlottetown, Va. Wire-stretcher.	809,949	Jan. 16	2683	554	120	675
Herrmann, Julius C., St. Louis, Mo. Combined stake and brace for cars.	827,307	July 31	5352	1111-12	123	1414
Herrmann, Julius C., assignor to American Car & Foundry Company, St. Louis, Mo. Car construction.	821,490	May 22	5040	1073	122	1299
Herrmann, Julius C., assignor to American Car & Foundry Company, St. Louis, Mo. Car-door-operating mechanism.	823,862	June 19	3268	693	122	2548
Herrmann, Julius C., assignor to American Car & Foundry Company, St. Louis, Mo. Car-door-operating mechanism.	823,863	June 19	3269	693	122	2549
Herrmann, Julius C., assignor to American Car & Foundry Company, St. Louis, Mo. Car-roof door.	824,077	June 19	3670	781	122	2633
Herrmann, Max. (See Lorenz, Ludwig, assignor.)						
Herrmann, Oscar, Brown Station, N. Y. Foot-release valve for pneumatic actions for organs and pianos.	812,995	Feb. 20	2944	648	120	2217

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Herrmann, Oscar, Brown Station, N. Y. Illuminated sign	831,664	Sept. 25	3577	751	124	998
Herrmann, Rinehart I., Roulette, Pa. Shoe-heel	826,852	July 24	4408	918	123	1166
Herrnacker, George H., Hornellsville, N. Y. Cabinet	818,248	Apr. 17	3405	730	121	2214
Herrold, Hiram, Luther, Okla. Ter. Cotton-chopper	819,066	May 1	56	12-14	122	16
Herron, James H. (See Hianscom, Adelbert P., assignor.)						
Herron, James M., East Orange, N. J., assignor, by mesne assignments, to Ceylon Cocoa & Coffee Company. Coffee preparation	829,649	Aug. 28	4013		123	2780
Herron, James S., Hunter, Okla. Ter. Automatic weigher	822,451	June 5	420	86	122	1816
Herron, John. (See Conolly and Herron.)						
Herschel, Herman, Jersey City, N. J. Noodle-machine	828,207	Aug. 7	1011	211	123	1918
Herschman, Paul R., Freeport, Ill., assignor to C. L. Kiewert Company, Milwaukee, Wis. Composition of matter to be used as paint	822,946	June 12	1421		122	2084
Herschman, Paul R., Freeport, Ill., assignor to C. L. Kiewert Company, Milwaukee, Wis. Paint	822,947	June 12	1421		122	2084
Hersey, Francis C., Wellesley, assignor to Hersey Manufacturing Company, South Boston, Mass. Golf-club	826,102	July 17	2897	601	123	770
Hersey Manufacturing Company. (See Hersey, Francis C., assignor.)						
Hersey Manufacturing Company. (See Tilden, James A., assignor.)						
Hersey, Oscar H., trustee. (See Stanley, George P., assignor.)						
Hersey, Sidney, London, assignor to Kirkham, Hulett & Chandler Limited, Westminster, England. Apparatus for washing and scrubbing gas	838,712	Dec. 18	2851	613	125	2148
Hersh, Edgar E. (See Robins and Hersh.)						
Herskovitz, Max, Chicago, Ill. Rotatable display device	821,240	May 22	4518	961-2	122	1184
Hertenstein, Emil, assignor of one-half to M. Port, Meriden, Conn. Permutation-lock	815,166	Mar. 13	2339	489	121	566
Hertz, Matthew E. (See Kellen, Frank, assignor.)						
Hertz, Frederick C. (See Hertz, George and F. C.)						
Hertz, George and F. C., Warren, Pa. Street and station indicator	826,333	July 17	3328	688	123	874
Hertz, Fred G., New Philadelphia, Ohio. Post-hole auger	812,744	Feb. 13	2448	537	120	2063
Hertzler, John. (See Pendergast, Thomas, assignor.)						
Hertzog, Ludwig, Berlin-Südende, assignor to Firm of A. Saurer, Arbon, Switzerland. Apparatus for producing power-gas	829,919	Aug. 28	4584	966	123	2920
Hervey, Ben E., Spokane, Wash. Automobile	812,129	Feb. 6	1183	259	120	1730
Hervey, James J., Randsburg, Cal. Sectional car	825,038	May 22	4134	878	122	1099
Hervieu, Gaston, and C. Thuillet, Paris, France. Acetylene-gas generator	821,213	July 3	1048	221	123	274
Herz, Gustav L., New York, N. Y. Terminal tip for electric conducting-wires	835,158	Nov. 6	570	116	125	145
Herz, Max, New York, N. Y. Jewelry-display device	812,203	Feb. 13	1397	304	120	1844
Herzberg, Wilhelm, and O. Scharfenberg, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Triphenylmethane dye and making same	835,682	Nov. 13	1589		125	443
Herzfelder, Hugo. (See Hermann, Adalbert, assignor.)						
Herzig, Eduard, West Hoboken, N. J. Tension device for looms	808,658	Jan. 2	76	16	120	19
Herzig, Eduard, West Hoboken, N. J. Shuttle	811,721	Feb. 6	351	78	120	1564
Herzig, Eduard, Union Hill, N. J. Needle-loom	819,138	May 1	201	41-2	122	51
Herzog Art Furniture Co. (See Herzog, John, assignor.)						
Herzog, Felix B., New York, N. Y. Electric signaling apparatus and circuit	839,291	Dec. 25	3989	857	125	2471
Herzog, Henry. (See Mullarkey, John F., assignor.)						
Herzog, John, assignor to Herzog Art Furniture Co., Saginaw, Mich. Drawer	822,123	May 29	6268	1335	122	1630
Herzog, John, Saginaw, Mich., assignor to Herzog Art Furniture Co. Lock	824,652	June 26	4803	1024	122	2935
Herzog, John, Saginaw, Mich., assignor to Herzog Art Furniture Co. Desk-lid support	833,687	Oct. 16	3389	722	124	2122
Herzog, John, Saginaw, Mich., assignor to Herzog Art Furniture Co. Lock	835,425	Nov. 6	1116	240	125	281
Herzog, Leo F., St. Louis, Mo. Ax-handle wedge	811,502	Jan. 30	5820	1218	120	1420
Heskett, Thomas J. (See Moore and Heskett.)						
Hess, Alfred, Erlurt, Germany. Innersole	832,315	Oct. 2	604	113	124	1358
Hess, Bonndelyn P., Goshen, Ind. Device for graining floors	835,067	Nov. 6	396	81	125	104
Hess, Charles A. F., Paris, France. Sand-blast machine	821,415	May 22	4895	1040	122	1268
Hess, Charles E., Saco, Mont. Neck-yoke	818,168	Apr. 17	3236	695	121	2179
Hess, Charles F., Scranton, Pa. Coin separating, counting, and stacking device	811,595	Feb. 6	41	9-10	120	1493
Hess, Charles F., Scranton, Pa. Corn sorting and stacking apparatus	834,959	Oct. 30	5838	1238-9	124	2823
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine	822,208	May 29	6429	1365-6	122	1666
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine	822,858	June 5	1242	256	122	1998
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine	827,976	Aug. 7	565	116	123	1812
Hess, Edward B., Brooklyn, N. Y., assignor, by mesne assignments, to Royal Typewriter Company, Hoboken, N. J. Writing-machine	823,121	June 12	1804	371	122	2168
Hess, Edward B., Brooklyn, and J. M. Stoughton, Yonkers, N. Y., assignors, by mesne assignments, to Royal Typewriter Company, Hoboken, N. J. Writing-machine	830,478	Sept. 4	1171	245	124	290
Hess, Edward B., and L. C. Myers, Brooklyn, N. Y., assignors, by mesne assignments, to Royal Typewriter Company, Hoboken, N. J. Writing-machine	831,511	Sept. 18	3210	679	124	863
Hess, Ira J., Nelson, Kans. Roundabout	831,161	Sept. 18	2546	536-7	124	695
Hess, Jay B., Huntington Mills, Pa. Horseshoe	832,670	Oct. 9	1318	265	124	1570
Hess, John. (See Clowry, William H., assignor.)						
Hess, John A., Philadelphia, Pa. File-cutting machine	833,522	Oct. 16	3054	648-9	124	2044
Hess, John M., Grundy Center, Iowa. Fertilizer-distributor	813,556	Feb. 27	4083	895-6	120	2524
Hess, Karl. (See Loughman and Hess.)						
Hess, Nicolas F., Atchison, Kans. Car-replacer	828,112	Aug. 7	851	175	123	1881
Hess, Solomon F. (See Healy, John J., assignor.)						
Hess, Wendell, Jr., Troy, N. Y., assignor to International Shirt & Collar Co. Shirt	818,440	Apr. 24	3771	810	121	2347
Hessberger, Johannes, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Regulation of electric currents which feed electric arcs	812,038	Feb. 6	1020	222	120	1696
Hesse, Albert, Berlin, Germany. Magnesium compound of pinene haloids and making same	826,166	July 17	3008		123	798
Hesse, Albert, Wilmersdorf, Germany. Purifying pitch-oil and other ethereal oils obtained by destructive distillation of resinous substances	835,907	Nov. 13	2008		125	546
Hesse, Albert, assignor to Chemische Fabrik auf Actien, (vorm. E. Schering), Berlin, Germany. Making borneol	826,165	July 17	3007		123	797
Hessel, Otto, Baltimore, Md. Life-saving device	829,472	Aug. 28	3648	771	123	2690
Hesser, Otto, Cannstatt, Germany. Machine for making paper bags	813,207	Feb. 20	3366	740-2	120	2308
Hesser, Otto, Cannstatt, Germany. Conveying mechanism for paper-bag machines	813,208	Feb. 20	3373	743	120	2309
Hesser, Otto, Cannstatt, Germany. Adhesive-applying device	817,559	Apr. 10	2017	425	121	1856
Hester, James K., Rhinecliff, N. Y. Attachment for ladders	809,057	Jan. 2	857	182	120	189
Hetherington, Edwin, Cedar Rapids, Iowa. Hub-attaching device	817,113	Apr. 3	1098	228	121	1602
Hetherington, Frederick A., Indianapolis, Ind. Screen and storage-bin for asphalt	816,229	Mar. 27	4550	967	121	1148
Hetherington, John P., Logansport, Ind. Transformer cut-out	809,302	Jan. 9	1387	281-3	120	341
Hettinger, Henry A., and J. P. Bateman, assignors of one-third to J. B. Sharp, Bridgeton, N. J. Lubricating mechanism	834,576	Oct. 30	5362	1138	124	2703

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Disc.	Vol.	Page.
Hettwer, Alois J. (See Loewen, Wilhelm, assignor.)						
Hetzel, Frederic V., assignor to Link Belt Engineering Company, Philadelphia, Pa. Chain-link	816,325	Mar. 27	4769	1010	121	1194
Hetzel, Frederic V., and F. F. Waechter, assignors to Link Belt Engineering Company, Philadelphia, Pa. Hoisting-bucket	815,823	Mar. 20	3728	785	121	918
Heughes, Frederick L., Rochester, N. Y. Joist hanger or stirrup	818,689	Apr. 24	4285	920	121	2458
Heugstler, Louis, <i>et al.</i> (See Fritsche, Max, assignor.)						
Heulings, William H., Jr., assignor to J. A. Brill, Philadelphia, Pa. Car-seat	819,757	May 8	1438	307	122	382
Heun, William M., McCook, Nebr. Rail-joint	820,573	May 15	3152	678	122	823
Heusch, Rudolph C., Washington, D. C. Rotary engine	819,276	May 1	492	102-3	122	114
Heupel, Frederick K., Washington, D. C., assignor to Heupel, Holloran & Winship, Incorporated, Alexandria, Va. Automatic lock	835,426	Nov. 6	1118	241	125	281
Heupel, Frederick K., assignor of two-thirds to A. Holloran and G. M. Winship, Washington, D. C. Sash-fastener	817,712	Apr. 10	2270	489	121	1910
Heupel, Holloran & Winship. (See Heupel, Frederick K., assignor.)						
Heuston, Thomas W., assignor of one-half to L. D. Winters, Coffeyville, Kans. Vaginal irrigator	823,409	June 12	2365	498	122	2291
Heward, James L., Cardiff, England. Tire for vehicle-wheels	817,560	Apr. 10	2019	425	121	1856
Hewes, James E., Plattsburg, N. Y., assignor of one-half to C. H. Boone, Baltimore, Md. Electric furnace	820,574	May 15	3153	679	122	823
Hewett, Robert J., Westfield, N. J., assignor to Hall Signal Company. Electrical circuit and device	818,169	Apr. 17	3237	695-6	121	2179
Hewett, Robert J., Westfield, N. J., assignor to Hall Signal Company. Electrical device and circuit	818,170	Apr. 17	3241	696	121	2180
Hewitt, Allin W., Bogota, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	833,166	Oct. 16	2305	484	124	1858
Hewitt, Charles. (See Gregory and Hewitt.)						
Hewitt, David, Homewood, Pa. Rail-joint	812,039	Feb. 6	1021	223	120	1696
Hewitt, Edward G., New York, N. Y. Sun-dial	825,319	July 10	1266	266	123	347
Hewitt, Edward G., New York, N. Y. Spirit-level	825,320	July 10	1267	267	123	348
Hewitt, Herbert H. (See Smith, William R., assignor.)						
Hewitt, Leslie, Indianapolis, Ind. Rail-saw	825,321	July 10	1269	267	123	348
Hewitt, Peter C., assignor to Cooper Hewitt Electric Company, New York, N. Y. Vapor electric lamp	814,695	Mar. 13	1413	294	121	368
Hewitt, Peter C., assignor to Cooper Hewitt Electric Company, New York, N. Y. Producing light	814,696	Mar. 13	1414	294	121	369
Hewlett, Alfred M. (See Hewlett, Maddra J., assignor.)						
Hewlett, Alfred M. and M. J. Kewanee, Ill.; said M. J. Hewlett assignor to said Alfred M. Hewlett. Molding apparatus	819,883	May 8	1689	362-4	122	442
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. High-potential switch or circuit-breaker	815,824	Mar. 20	3729	785-6	121	918
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Electric switch	815,825	Mar. 20	3734	786	121	919
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Making and breaking high-potential circuits	816,468	Mar. 27	5059	1074-5	121	1255
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Fuse-box	816,469	Mar. 27	5062	1075	121	1256
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Arc-extinguishing cut-out	818,376	Apr. 17	3640	781-2	121	2264
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Reverse-current relay	818,377	Apr. 17	3642	782	121	2264
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Circuit-breaker	826,248	July 17	3159	656	123	831
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Time-limit circuit-breaker	832,577	Oct. 2	1106	223	124	1480
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Double-throw electric switch with indicator	833,208	Oct. 16	2411	505	124	1886
Hewlett, Edward M., and T. E. Button, Schenectady, N. Y., assignors to General Electric Company. Electric switch	829,785	Aug. 28	4306	909-10	123	2851
Hewlett, Maddra J. (See Hewlett, Alfred M. and M. J.)						
Hewlett, Maddra J., assignor to himself and A. M. Hewlett, Kewanee, Ill. Molding apparatus	823,530	June 19	2648	557-8	122	2411
Heyden, Gustav. (See Gerike, Hugo, assignor.)						
Heyenga, Martin W., Hartsburg, Ill. Vehicle-axle	820,112	May 8	2229	484-5	122	560
Heyl, Henry R. (See Kimsey and Heyl.)						
Heyl & Patterson. (See Acklin, Alfred M., assignor.)						
Heyl & Patterson. (See Beach, Willard J., assignor.)						
Heyl & Patterson. (See Blair and Robb, assignors.)						
Heyl & Patterson. (See Knapp and Mulholland, assignors.)						
Heyl & Patterson. (See Mason, Elliott J., assignor.)						
Heyl & Patterson. (See Mason and Robb, assignors.)						
Heyl & Patterson. (See Patterson, William J., assignor.)						
Heyl & Patterson. (See Patterson and Robb, assignors.)						
Heyl & Patterson. (See Robb, Lewis J., assignor.)						
Heyl & Patterson. (See Winn, William E., assignor.)						
Heylman, Edward M., assignor to Janesville Machine Company, Janesville, Wis. Plow	817,114	Apr. 3	1101	228-30	121	1603
Heym, Friedrich. (See Böttcher and Heym.)						
Heyman, Oscar. (See Robinson, Henry, assignor.)						
Heyne, Bernhard. (See Reichert and Heyne.)						
Heys, John J., assignor of one-half to M. V. Bresnahan, Lynn, Mass. Sole-molding machine	810,940	Jan. 30	4763	991-2	120	1194
Heyser, William, Baltimore, Md. Oyster-pail	836,499	Nov. 20	3172	672	125	882
Heysinger, Isaac W., Philadelphia, Pa. Locking device for motor-cars, automobiles, and the like	810,206	Jan. 16	3220	667	120	786
Heysinger, Isaac W., Philadelphia, Pa. Pneumatic discharging device for liquids	830,433	Sept. 4	1077	221	124	266
Heysinger, Isaac W., and A. Latshaw, Philadelphia, Pa.; said Heysinger assignor to said Latshaw. Scale-markings for rules, &c.	809,950	Jan. 16	2684	554	120	675
Heywood Boot & Shoe Company. (See Legge, Lionel B., assignor.)						
Heywood, James, Manchester, England. Building-motion of slubbing, intermediate, and roving and like frames	823,531	June 19	2652	558	122	2412
Heywood, Silas L., Minneapolis, Minn. Variable-speed mechanism	809,802	Jan. 9	2389	494-5	120	558
Hiatt, Stephen T., Akron, Ohio. Metallic packing	824,692	June 26	4889	1040	122	2951
Hiatt, William F., and O. E. Guley, Danville, Ind. Dump-bed for wagons	824,788	July 3	203	37	123	59
Hibbard, Charles and W., assignors to Hibbard Gas Engine Co., Sandyhill, N. Y. Vaporizer	811,397	Jan. 30	5642	1181	120	1384
Hibbard, Frederick B., Philadelphia, Pa. Steam-boiler	834,131	Oct. 23	4495	954	124	2441

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Hibbard Gas Engine Co. (See Hibbard, Charles and W., assignors.)						
Hibbard, Henry D., Plainfield, N. J. Safe or vault door seating machine.....	817,774	Apr. 17	2420	518	121	2000
Hibbard, John O. (See Lowe and Hibbard.)						
Hibbard, Maury W., Chicago, Ill. Fluid-pressure brake.....	816,859	Apr. 3	618	129-30	121	1496
Hibbard, Paul W., Jefferson, Wis. Bob-sleigh.....	813,420	Feb. 27	3808	835	120	2459
Hibbard, Warren. (See Hibbard, Charles and W.)						
Hibbets, Charles M., Washburn, Tex. Guard-rail.....	831,553	Sept. 25	3324	697	124	928
Hibner, George F., Concordia, Kans. Foot-scraper.....	817,171	Apr. 10	1232	253	121	1693
Hickey, Francis J., assignor of one-half to J. M. Dunnigan, Sacramento, Cal. Steam-boiler.....	823,864	June 19	3271	693	122	2549
Hickey, John, Buffalo, N. Y., assignor of fifty-five one-hundredths to American Agricultural Chemical Company, New London, Conn. Automatic drying apparatus for ores, &c.	836,187	Nov. 20	2550	530-7	125	730
Hickey, John, Buffalo, N. Y., assignor of fifty-five one-hundredths to American Agricultural Chemical Company, New London, Conn. Automatic drying, feeding, and cinder-removing apparatus for ore-furnaces.....	836,256	Nov. 20	2702	574-6	125	769
Hickey, Timothy W., North Abington, Mass. Bottle-labeling machine.....	826,103	July 17	2898	601-3	123	771
Hickey, William A., and J. Brown, St. Paul, Minn. Coin-operated mechanism.....	824,543	June 26	4590	976	122	2888
Hickman, Thomas A., Chester, W. Va. Tinning apparatus.....	830,321	Sept. 4	848	174	124	212
Hickman, Ziba, and J. C. Herbine, Reading, Pa. Billiard-cue.....	830,070	Sept. 4	321	64	124	78
Hickok, Lester F., Mechanicsburg, Pa. Vehicle-gear.....	814,845	Mar. 13	1701	356	121	430
Hickok, Lester F., Mechanicsburg, Pa. Vehicle-gear.....	814,846	Mar. 13	1702	356	121	430
Hickok, Stephen O., and R. W. McLain, Allen, Mich. Napkin-pin.....	826,334	July 17	3329	688	123	874
Hickox, Herbert E., Wimbledon, England. Magazine photographic camera.....	832,316	Oct. 2	605	114	124	1358
Hicks, Francis F. (See Hatfield, Frank K., assignor.)						
Hicks, George, and J. Franey, Buffalo, N. Y., assignors of one-third to J. Coleman. Spirit-level.....	834,132	Oct. 23	4496	954	124	2441
Hicks, George C., Chicago, Ill. Stove-lining.....	818,690	Apr. 24	4287	920	121	2458
Hicks, George C., Chicago, Ill. Stove-lining.....	818,763	Apr. 24	4447	953	121	2494
Hicks, George C., Jr., assignor to P. H. & F. M. Roots Company, Connersville, Ind. Wheel-fastening.....	818,171	Apr. 17	3245	696	121	2181
Hicks, George C., Jr., assignor to P. H. & F. M. Roots Company, Connersville, Ind. Head for rotary blowers.....	838,541	Dec. 18	2529	547	125	2068
Hicks, George F. H., Chicago, Ill. Railway-track-laying apparatus.....	832,058	Oct. 2	57	14	124	1272
Hicks, George R., Perrysville, Ind. Sawbuck.....	826,426	July 17	3496	727	123	915
Hicks, James A., Atlanta, Ga. Feathering-blade paddle-wheel.....	818,825	Apr. 24	4573	980	121	2520
Hicks, James A., and F. H. Hill, Atlanta, Ga. Fluid-pressure brake.....	824,718	July 3	40	7	123	14
Hicks, James B. (See Harris, Joseph B., assignor.)						
Hicks, James M. (See Hicks, John A., assignor.)						
Hicks, James M., Summit, N. J., assignor to Auto Stopper Company, New York, N. Y. Sealing means for vessels.....	828,936	Aug. 21	2494	528	123	2354
Hicks, James W., Everson, Pa. Switch-signal.....	823,726	June 19	3006	636-7	122	2489
Hicks, James W., and H. D. Chapman, Washington, D. C. Sight adjustment.....	837,855	Dec. 4	1096	244-5	125	1626
Hicks, John A., assignor to J. M. Hicks, Summit, N. J. Sealing means for vessels.....	833,723	Oct. 16	3455	737	124	2137
Hicks, John A., assignor to J. M. Hicks, Summit, N. J. Means for removing sealing-caps from vessels.....	835,789	Nov. 13	1792	380	125	496
Hicks, John T., Medford, Mass. Individual-check distributor.....	825,726	July 10	2175	454	123	577
Hicks, John W. (See Kyle and Hicks.)						
Hicks, Joseph A. (See Davis and Hicks.)						
Hicks, Linus A., Kansas City, Mo., assignor of one-half to W. R. Brewer, Milwaukee, Wis. Rotary engine.....	827,529	July 31	5888	1219-20	123	1545
Hicks, Thomas B. (See Younglove, Thomas J., assignor.)						
Hicks, William W., St. Louis, Mo. Ball-bearing gland for packing-nuts.....	833,784	Oct. 23	3571	763	124	2213
Hicks, Willis A. (See Smith, Thomas C., assignor.)						
Hieatt, Charles P., Baltimore, Md. Perpetual calendar.....	811,846	Feb. 6	593	129	120	1610
Hietzman, Arthur H. (See Dahn, Mark L. and J., assignors.)						
Hielscher, John W., and W. F. Standley, Kniman, Ind. Wrench.....	813,892	Feb. 27	4738	1047	120	2664
Hier, James T., Jr., Marceline, Mo. Computing mechanism for weighing-scales.....	827,015	July 24	4708	982	123	1240
Hiering, Christian, and A. Fuller, assignors to J. E. Mergott Company, Newark, N. J. Cigar-tip cutter.....	836,037	Nov. 13	2219	475	125	597
Hiering, Christian, and A. Fuller, assignors to J. E. Mergott Company, Newark, N. J. Bag-irame.....	837,301	Dec. 4	52	15	125	1367
Hiering, Christian, and A. Fuller, assignors to J. E. Mergott Company, Newark, N. J. Bag-irame.....	838,858	Dec. 18	3128	674	125	2216
Hiering, Christian, and A. Fuller, assignors to J. E. Mergott Company, Newark, N. J. Match-box.....	839,760	Dec. 25	4942	1055	125	2704
Hiers, J. Lawton. (See Edenfield, Dempsey S., assignor.)						
Hiersemann, Paul. (See Linden and Hiersemann.)						
Hiester, William C., Dayton, Ohio. Refrigerating-machine.....	833,325	Oct. 16	2642	555-6	124	1946
Hiett, De Kermica J. T., Chicago, Ill., assignor to Universal Accountant Machine Company. Calculating-machine. (Reissue.).....	12,582	Dec. 18	3552	768-71	125	2321
Higbee, Harriet A., Worcester, Mass., assignor to H. D. Perky, Glencoe, Md. Cooking-machine.....	814,540	Mar. 6	1085	224-5	121	236
Higbee, Harriet A., Worcester, Mass., assignor to H. D. Perky, Glencoe, Md. Grinding-machine.....	820,193	May 8	2384	518	122	593
Higbee, Harriet A., Worcester, Mass., assignor to H. D. Perky, Glencoe, Md. Grinding-mill.....	822,840	June 5	1208	248	122	1992
Higdon, John C., St. Louis, Mo. Automobile-wheel.....	822,665	June 5	868	178	122	1920
Higdon, Robert W. (See De Haven, James, assignor.)						
Higgin, Henry, assignor to Higgin Manufacturing Company, Newport, Ky. Laundry-tag.....	818,441	Apr. 24	3772	811	121	2348
Higgin Manufacturing Company. (See Higgin, Henry, assignor.)						
Higginbotham, Allen C. (See Ball and Higginbotham.)						
Higgins, Charles L., Montreal, Canada. Overshoe.....	823,331	June 12	2237	466	122	2265
Higgins, Charles L., Montreal, Quebec, Canada. Rubber-cutting machine.....	835,522	Nov. 13	1285	275-6	125	369
Higgins, Charles S., New York, N. Y., assignor to Instructing and Manufacturing Company, of New York. Mixing apparatus.....	811,145	Jan. 30	5153	1077	120	1278
Higgins, Elmer E., St. Paul, Minn. Device for leading animals from burning buildings.....	813,496	Feb. 27	3961	868-9	120	2496
Higgins, Eugene, assignor to American Suction Gas Producer Company, Lansing, Mich. Suction gas-producer.....	824,358	June 26	4198	897	122	2805
Higgins, Fred H., Brockton, Mass. Shoe-former.....	818,960	Apr. 24	4815	1036	121	2573
Higgins, James F., New Orleans, La. Hydrocarbon-burner.....	816,470	Mar. 27	5063	1075	121	1256
Higgins, James F., New Orleans, La. Hydrocarbon-burner.....	834,203	Oct. 23	4627	982	124	2473
Higgins, Joseph, New York, N. Y. Trimmer and binder for sewing-machines.....	815,428	Mar. 20	2933	608-9	121	747
Higgins, Patrick J., New Vienna, Ohio. Checkrein.....	810,336	Jan. 16	3503	722	120	848
Higgins, Peter K. (See Foster and Higgins.)						
Higgins, Robert B., St. Louis, Mo. Trolley-replacer.....	811,919	Feb. 6	740	162	120	1641

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Higgins, Thomas, Johnstown, Pa. Shoestrapping-fastener.	819,884	May 8	1698	364	122	444
Higginson, George, assignor to Pulman Patents Company, Limited, London, England. Flexible book-leaf or the like.	835,887	Nov. 13	1969	417	125	536
Higginson, Joseph, Jr., Stockport, England. Gas-controlling apparatus.	828,313	Aug. 14	1255	264-5	123	2006
Higgs, Isaac W., and H. Hoyoss, assignors, by mesne assignments, to Home Carbide Gas Company, Chicago, Ill. Valve for acetylene-gas generators.	823,598	June 19	2767	586	122	2437
Hight, Albert W., assignor to Ballard Drop Forge Co., Ballard, Wash. Square.	825,727	July 10	2177	455	123	577
Hight, Clarence A. (See Pfeiffer, Emil C., assignor.)						
Hight, Robert L., Decatur, Ill. Electric clock.	825,833	July 10	2375	495	123	626
Hight, William, Newport, Vt. Lubricating system.	829,271	Aug. 21	3205	673	123	2534
Higley Machine Company. (See Juengst, Charles A., assignor.)						
Higman, William J., Denver, Colo. Non-refillable bottle.	813,421	Feb. 27	3808	835	120	2459
Hilbert, Hermann, Heufeld, Germany. Manufacturing glue and gelatin from bones.	833,053	Oct. 9	2072		124	1752
Hilbert, Hermann, Heufeld, Germany. Manufacture of gelatin and glue from bones.	834,806	Oct. 30	5843		124	2824
Hilburn, Frank A., et al. (See Kelso, William A., assignor.)						
Hildebrand, Charles E. (See Roach, James W., assignor.)						
Hildebrand, Gould O., assignor of three-fourths to L. G. Eberhardt, W. Atschild, and T. O. Heatwole, Baltimore, Md. Non-refillable bottle.	833,523	Oct. 16	3061	649	124	2045
Hildebrand, Henry W., Denver, Colo. Automatically-operating fire-extinguisher.	811,221	Jan. 30	5309	1110	120	1312
Hildebrand, Wilhelm, Gross Lichterfelde, near Berlin, Germany. Regulator for air-pumps.	821,870	May 29	5783	1232	122	1519
Hildebrandt, Charles T. (See Meyers and Hildebrandt.)						
Hildebrandt, Charles T., assignor of one-half to E. W. Brooks, Chicago, Ill. Multiple-piston explosive engine.	811,220	Jan. 30	5307	1110	120	1312
Hildenbrand, Carl, Ellsworth, Kans. Grain-lifting attachment for harvesters.	829,714	Aug. 28	4153	878	123	2812
Hildenbrandt, George, et al. (See Smith, James G., assignor.)						
Hildreth, Edwin A., Harvard, Mass. Split or divided pulley.	821,715	May 29	5493	1170	122	1454
Hildreth, Eugene W., Melrose, Mass. Guard for fish-lines.	834,056	Oct. 23	4316	916	124	2393
Hildreth, Herbert L. (See Dickinson, Herbert M., assignor.)						
Hildreth, Herbert L., Boston, Mass. Candy-pulling machine.	832,384	Oct. 2	735	143	124	1389
Hildreth, Wm. W. (See Webb and Hildreth.)						
Hildyard, William A., and A. B. Drummond, Crouch End, England. Door-closer and stop.	823,532	June 19	2654	559	122	2412
Hile, Edmund E., Chicago, Ill. Game-board.	824,423	June 26	4354	926	122	2835
Hile, Oliver, Princeton, and C. Rocke, Lincoln, Nebr. Anchor.	815,588	Mar. 20	3217	677	121	808
Hiller, Charles O., Oelwein, Iowa. Gravity-conveyer.	833,209	Oct. 16	2413	505	124	1886
Hiller, Charles O., Oelwein, Iowa. Gravity-conveyer.	833,326	Oct. 16	2646	556	124	1947
Hilgenberg, Conrad, Chicago, Ill. Gramophone.	831,344	Sept. 18	2913	617	124	787
Hilger, George M., Chicago, Ill. Vacuum-trap.	812,130	Feb. 6	1184	259-60	120	1730
Hill, Alexander M., et al. (See Finch, George P., assignor.)						
Hill, Arthur H. (See Thorneroyt, Farquhar, and Hill.)						
Hill, Austin M., Rockville Center, N. Y. Button-holder.	810,758	Jan. 23	4364	906	120	1075
Hill, Charles B., trustee. (See Bartholomew, Walter H., assignor.)						
Hill, Charles E., Rutherfordton, N. C. Nut-lock.	830,787	Sept. 11	1818	377	124	488
Hill, Charles G., Daybrook, England. Stop-motion for circular looms.	814,290	Mar. 6	560	118-19	121	121
Hill, Charles H., Schenectady, N. Y., assignor to General Electric Company. Interlocking device for circuit-breakers.	833,210	Oct. 16	2414	505-6	124	1887
Hill, Charles H., Schenectady, N. Y., assignor to General Electric Company. Receptacle.	835,427	Nov. 6	6119	241	125	281
Hill, Christian C., deceased; C. B. Hill, executrix, assignor to Steel Ball Company, Chicago, Ill. Pumping apparatus.	812,266	Feb. 13	1534	334-5	120	1875
Hill, Christian C., assignor to C. B. Hill, Chicago, Ill. Grinding and polishing machine.	828,885	Aug. 21	2390	509-10	123	2325
Hill, Clothilde B. (See Hill, Christian C., assignor.)						
Hill, Clothilde B., executrix. (See Hill, Christian C.)						
Hill, Ebenezer, Norwalk, Conn. Valve for compound air-compressors.	810,759	Jan. 23	4365	907	120	1076
Hill, Ebenezer, Norwalk, Conn. Air-compressor.	819,655	May 1	1213	266	122	272
Hill, Ebenezer, Norwalk, Conn. Engine-governor.	827,727	Aug. 7	65	13	123	1687
Hill, Ebenezer, Norwalk, Conn. Compound air-compressor.	830,503	Sept. 11	1222	256	124	330
Hill, Ebenezer, Jr., Norwalk, Conn. Plug-cock.	823,779	June 19	3114	659	122	2513
Hill, Ebenezer, Jr., Norwalk, Conn. Stop-valve.	835,523	Nov. 13	1288	276-7	125	370
Hill, Edgar C., Columbus, Ohio. Jar-closure.	810,760	Jan. 23	4368	907	120	1076
Hill, Edward A., assignor to Chicago Grain Door Company, Chicago, Ill. Grain-door.	816,230	Mar. 27	4551	968-9	121	1148
Hill, Edward E. (See Scoullar and Hill.)						
Hill, Eldridge T., Murfreesboro, Tenn. Gate-opener.	830,434	Sept. 4	1083	225	124	268
Hill, Elvin K., Valparaiso, Ind., assignor to Spear-Marshall Co., Chicago, Ill. Inhaler and respirator.	823,946	June 19	3423	731-2	122	2582
Hill, Ernst V., Pittsfield, Mass. Tool-chest.	835,616	Nov. 13	1474	315	125	416
Hill, Frank H. (See Hicks and Hill.)						
Hill, Frank L., Cincinnati, Ohio. Necktie.	821,289	May 22	4614	984	122	1205
Hill, Frank M., Jr., Salem, N. J. Glass-blowing machine.	829,210	Aug. 21	3079	647-8	123	2504
Hill, George A., Chicago, Ill. Alarm.	811,061	Jan. 30	4977	1039	120	1242
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. Train-control system.	815,826	Mar. 20	3737	786-7	121	920
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. System of motor control.	822,275	June 5	98	20	122	1750
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. System of motor control.	836,973	Nov. 27	4154	887	125	1158
Hill, George H., assignor of one-half to M. J. Doherty, Montreal, Quebec, Canada. Safety device.	831,071	Sept. 18	2372	499	124	657
Hill, George W. (See Haws and Hill.)						
Hill, Harry. (See Leitner, Lucas, and Hill.)						
Hill, Henry, Halifax, Canada. Fire-kindler.	829,072	Aug. 21	2771	582	123	2424
Hill, Hermann, Savannah, Ga., assignor to Prendergast Electric Typewriter Company. Carriage for type-writing machines.	835,823	Nov. 13	1860	393	125	513
Hill, Hugh, assignor to Hill Standard Manufacturing Company, Anderson, Ind. Self-propelled vehicle.	813,422	Feb. 27	3812	836	120	2460
Hill, Hugh, assignor to Hill Standard Manufacturing Company, Anderson, Ind. Mechanism for connecting vehicle-wheels to axles.	813,423	Feb. 27	3813	836	120	2460
Hill, Hugh, assignor to Hill Standard Manufacturing Company, Anderson, Ind. Vehicle-axle mechanism.	813,424	Feb. 27	3814	836	120	2461
Hill, Jacob G., Reading, Pa. Saw-guard.	816,326	Mar. 27	4770	1010	121	1195
Hill, James B., Findlay, Ohio. Mold for drain or sewer pipes.	810,276	Jan. 16	3378	699	120	820
Hill, James B., Findlay, Ohio. Ditching-machine.	828,208	Aug. 7	1012	211-12	123	1919
Hill, James F., Norwalk, Ohio. Oil-cellar for journal-boxes.	811,637	Feb. 6	207	44	120	1530
Hill, James H., assignor to Defiance Lantern & Stamping Company, Rochester, N. Y. Lantern.	817,914	Apr. 17	2727	592	121	2068
Hill, Jasper N., Bluecreek, W. Va. Sewing implement.	839,761	Dec. 25	4943	1055	125	2705
Hill, John L., assignor to F. C. Bagley, Jackson, Mich. Inhaler and exhaler.	813,425	Feb. 27	3815	836	120	2461

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hill, John P., Seffner, Fla. Cultivator.	822,124	May 29	6270	1335	122	1631
Hill, John R. (See Dill and Hill.)						
Hill, John R. (See Smith, Burgess, assignor.)						
Hill, John R., Washington, D. C. Transfer-press.	813,795	Feb. 27	4530	1000-2	120	2618
Hill, John T., Cleveland, Ohio. Bellows.	835,617	Nov. 13	1475	315	125	416
Hill, John W. (See Ohm, r. Hill, Whistler, and McAllister.)						
Hill, Joseph, Derby, England. Book, diary, album, &c., for the preservation of cigar bands or labels.	818,961	Apr. 24	4817	1036	121	2573
Hill, Mark E., Washington, D. C., assignor to Collapsible Hanger Company Incorporated. Display-rack.	836,321	Nov. 20	2829	600	125	801
Hill, Nathaniel L., Rochester Mills, Pa. Grain-grader.	825,390	July 10	1416	296	123	386
Hill, Roy S., Boykins Va. Toy catapult.	829,473	Aug. 28	3649	771	123	2690
Hill, Samuel M., Sunnyside, Wash. Tool for removing sickle-bars.	811,293	Jan. 30	5454	1137	120	1344
Hill Standard Manufacturing Company. (See Hill, Hugh, assignor.)						
Hill, Stephen R., Battle Creek, Nebr. Riding attachment for harrows.	815,531	Mar. 20	3118	651	121	787
Hill, Sylvanus L. (See Derby, Harold R., assignor.)						
Hill, Thomas G., Portland, Oreg. Giant swing.	812,996	Feb. 20	2947	649	120	2217
Hill, Truman, assignor to Vanderkloot Steel Piling Co., Chicago, Ill. Sheet-piling section.	829,399	Aug. 28	3463	728	123	2642
Hill, Truman, assignor to Vanderkloot Steel Piling Co., Chicago, Ill. Sheet-piling.	831,665	Sept. 25	3579	751	124	998
Hill, Walter, St. Paul, and W. Dalgarno, Minneapolis, Minn. Muffler.	816,231	Mar. 27	4554	969	121	1148
Hill, Warren S., Hyde Park, Mass., assignor to C. D. Prickett, Hazardville, Conn. Clutch.	829,525	Aug. 28	3763	798	123	2718
Hill, William, <i>et al.</i> (See McKay, Peter, assignor.)						
Hill, William, Alexandria, La. Cotton-compress.	818,172	Apr. 17	3247	696-7	121	2182
Hill, William A., St. Paul, Ark. Rail-joint.	817,064	Apr. 3	1024	211	121	1585
Hill, William F., St. Louis, Mo. Advertising-carton.	822,841	June 5	1209	249	122	1992
Hill, William H., Calhoun, Ky. Hame.	813,294	Feb. 20	3538	780	120	2344
Hillbrandt, Lucian, Johnstown, N. Y. Gun-sight.	810,761	Jan. 23	4369	907	120	1076
Hille, Charles L., Boston, Mass. Pocket-book.	833,834	Oct. 23	3705	790	124	2246
Hillebrandt, Johan E., Buffalo, N. Y. Woodworker's clamp.	828,113	Aug. 7	854	175	123	1881
Hillen, George P., Louisville, Ky. Stop and waste cock.	816,795	Apr. 3	475	106	121	1462
Hillenberg, William E. (See Johnson, Jacob G., assignor.)						
Hillenbrand, Charles W., assignor of seven-eighths to N. C. Barnes, Kansas City, Mo. Portable turn-table.	819,014	Apr. 24	4921	1056-7	121	2596
Hillenbrand, Charles W., Kansas City, Kans., assignor to K. E. Barnes, Kansas City, Mo. Turn-table.	838,329	Dec. 11	2114	456	125	1923
Hillengass, Frederic, and L. F. Klugh, Springfield, Mo. Horse-collar fastener.	837,062	Nov. 27	4357	924	125	1208
Hiller, Hugo L. (See Abramson, Sherman C., assignor.)						
Hiller, Hugo L., New York, N. Y. Lacing-tip.	835,824	Nov. 13	1864	393	125	514
Hiller, Peter, Foley, Minn. Folding stove.	811,294	Jan. 30	5455	1137	120	1345
Hillhouse, Percy A., Busby, Scotland. Photographic mask.	810,143	Jan. 16	3092	638	120	761
Hilliard Clutch & Machinery Company. (See Hilliard, William J., assignor.) (Re-issue.)						
Hilliard, John D., Jr., Glens Falls, N. Y., assignor to General Electric Company. Automatic unlocking device for switch mechanisms.	832,729	Oct. 9	1432	289	124	1597
Hilliard, John D., Jr., Glens Falls, N. Y., assignor to General Electric Company. Safety system for high-tension transmission-lines.	833,211	Oct. 16	2416	506	124	1887
Hilliard, John D., Jr., Glens Falls, N. Y., assignor to General Electric Company. Safety device for boosters.	838,407	Dec. 11	2265	490	125	1959
Hilliard, William J., assignor to Hilliard Clutch & Machinery Company, Elmira, N. Y. Clutch-pulley. (Reissue.)	12,583	Dec. 18	3566	772	125	2325
Hilliker, George L., assignor to Alrite Duplicating Supply Company, Chicago, Ill. Attachment for cutting stencils.	813,094	Feb. 20	3140	688	120	2260
Hillis, Robert, East Orange, N. J., and W. J. Hillis, New York, N. Y. Gas-pressure regulator and governor.	814,604	Mar. 6	1206	252	121	261
Hillis, William J. (See Hillis, Robert and W. J.)						
Hillman, Hubert E., Huckleberry, Ohio. Fence-post.	815,089	Mar. 13	2175	458	121	529
Hills, Clarence C., Edinboro, Pa. Cream-cooler.	828,314	Aug. 14	1259	265	123	2007
Hills, Henry, Hartford, Conn. Coupling device.	838,859	Dec. 18	3130	674	125	2216
Hills, Reuben E., and V. E. Brevoort, Delaware, Ohio. Polishing-mitten.	827,530	July 31	5893	1220-1	123	1547
Hills, Richard C., Denver, Colo. Briquetting-machine.	815,532	Mar. 20	3119	652-4	121	787
Hills, Richard C., Denver, Colo. Conveyor.	817,115	Apr. 3	1115	230-1	121	1608
Hills, Richard C., Denver, Colo. Continuously-operating retort-furnace.	825,536	July 10	1750	368-9	123	469
Hills, Richard C., Denver, Colo. Revolving drier.	830,435	Sept. 4	1084	225-6	124	269
Hills, Wallie, Kansas City, Kans. Adjustable track or trolley-wire.	813,295	Feb. 20	3540	780	120	2345
Hilmyer, James S., Duluth, Minn. Rotary engine.	832,190	Oct. 2	346	64	124	1296
Hilpert, Meier G., Pittsburg, Pa. Steel barge.	820,974	May 22	3996	849-50	122	1070
Hilprecht, Robert, assignor to American Suction Gas Producer Company, Lansing, Mich. Gas-producer.	824,359	June 26	4199	897	122	2805
Hilprecht, Robert, assignor to American Suction Gas Producer Company, Lansing, Mich. Grate for gas-producers.	830,591	Sept. 11	1412	292	124	378
Hiltner, Robert S., Lincoln, Nebr. Fence-post.	824,117	June 26	3732	797	122	2705
Hilton, Hugh R., Port Allegany, Pa. Hoe.	824,862	July 3	369	70	123	101
Hilton, Thomas, Fall River, Mass. Weft-fork for looms.	817,915	Apr. 17	2729	592	121	2068
Himburg, John A., Troy, Ala. Motor-chair.	812,997	Feb. 20	2949	649	120	2218
Himmelwright, Abraham L. A., New York, N. Y., assignor to New Jersey Wire Cloth Company, Trenton, N. J. Centering construction.	830,150	Sept. 4	496	101	124	125
Himmelwright, Abraham L. A., New York, N. Y., assignor to New Jersey Wire Cloth Company, Trenton, N. J. Centering construction.	835,524	Nov. 13	1290	277	125	370
Hinaman, Louis H., Port Jervis, N. Y., assignor of three-fourths to T. Hinaman, Kellam, Pa. Mail-pouch fastener.	809,058	Jan. 2	858	182	120	190
Hinaman, Louis H., Port Jervis, N. Y., assignor of one-fourth to T. Hinaman, Kellam, Pa. Toy pistol.	809,059	Jan. 2	860	182	120	190
Hinaman, Titus. (See Hinaman, Louis H., assignor.)						
Hinchliffe, Robert, Chicago, Ill. Hand-operated punching-machine.	828,650	Aug. 14	1922	403	123	2177
Hinchliffe, William, Huntsville, Ala. Sash-lock.	820,868	May 15	3727	795	122	949
Hinchman, Charles R., Cleveland, Ohio. Safety locking device for cranes.	812,565	Feb. 13	2119	464-5	120	1998
Hinchman, George N., Webster Groves, assignor to Standard Adding Machine Company, St. Louis, Mo. Adding-machine.	833,388	Oct. 16	2763	582-5	124	1977
Hinchman, George N., Webster Groves, assignor to Standard Adding Machine Company, St. Louis, Mo. Adding-machine.	833,389	Oct. 16	2777	585-7	124	1980
Hinchman, George N., and H. Schroeder, assignors to Standard Adding Machine Company, St. Louis, Mo. Adding-machine.	811,920	Feb. 6	742	162-9	120	1641
Hinchman, James B., Denver, Colo. Concrete building construction.	811,560	Feb. 6	47	10	120	1495
Hinchman, James B., Denver, Colo. Concrete building construction.	836,683	Nov. 27	3558	758	125	1010
Hinchman, James B., Denver, Colo. Mixing-machine.	839,144	Dec. 25	3698	798	125	2402

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hinchman, John. (See Gates, James A., assignor.)						
Hinckley, Henry D., assignor to C. R. Keeney and Hinckley Specialty Company, Hartford, Conn. Antislip attachment for ladders	816,914	Apr. 3	730	151	121	1520
Hinckley Specialty Company <i>et al.</i> (See Hinckley, Henry D., assignor.)						
Hinde, Louis J., Toledo, Ohio. Clutch-release means	823,496	June 12	2561	540	122	2332
Hinden, Mathias J., assignor of one-half to C. C. Sigler, Cleveland, Ohio. Rotary reciprocating engine	838,713	Dec. 18	2852	614	125	2148
Hindenach, William F., Marshall, Mich. Wagon platform-gear	829,650	Aug. 28	4014	850	123	2780
Hindersin, Horst, Berlin, Germany. Watchman's locking apparatus	838,408	Dec. 11	2266	490-1	125	1959
Hindman, Carlos J., Marion, Iowa. Piano-stringing hammer	820,418	May 15	2833	617	122	751
Hinds, Ervin P., New York, and G. B. Payne, Long Island City, N. Y. Refrigerator-car	813,970	Feb. 27	4880	1079	120	2692
Hinds, Franklin P., Boston, assignor to G. A. Towle, Lowell, Mass. Lock-grip grasping-tongs	832,317	Oct. 2	607	114	124	1359
Hinds, James, Paris, Ill. Fence	813,971	Feb. 27	4883	1071	120	2693
Hinds, Ozzro H., Le Mars, Iowa. Carburetor	826,936	July 24	4567	951	123	1206
Hine, Lucius A., assignor to Hine-Watt Manufacturing Company, Chicago, Ill. Shoe-holder	837,404	Dec. 4	254	64	125	1420
Hine-Watt Manufacturing Company. (See Hine, Lucius A., assignor.)						
Hines, James, Lenzie, Scotland. Calculating-machine	829,526	Aug. 28	3766	798-9	123	2718
Hines, Lewis A., Savannah, Ga. Eyeglass-guard	825,650	July 10	2024	423	123	540
Hines, Thomas J. (See Brennan, John J., assignor.)						
Hinker, Frank, Chinese Camp, Cal. Hay-baler	814,697	Mar. 13	1415	294	121	369
Hinker, Frank, and R. B. Beckwith, Chinese Camp, Cal. Wire stretcher and holder	829,010	Aug. 21	2632	555	123	2387
Hinke, Johann von, deceased; R. von Hinke, Vienna, Austria-Hungary administrator. Device for automatically tracing the course of sighted ships	829,400	Aug. 28	3464	729	123	2643
Hinke, Rudolf von, administrator. (See Hinke, Johann von.)						
Hinkle, Benjamin B. (See Hodson, Edwin D., assignor.)						
Hinklein, Johannes, Frankfurt-on-the-Main, assignor to Firm of Maschinenhandlung von Max Stern & Co., Frankfurt-on-the-Main, Bockenheim, Germany. Plow for bookbinders	812,998	Feb. 20	2950	650	120	2218
Hinkley, John W., Watertown, Mass. Cream-separator	809,442	Jan. 9	1697	349	120	406
Hinkly, Ray B., Luverne, Minn. Rotary engine	814,044	Mar. 6	90	17	121	21
Hinkson Electric Liquid Purifying Company. (See Hinkson, Frank B., assignor.)						
Hinkson, Frank B., New Castle, Pa. Electric cut-out	831,226	Sept. 18	2663	560	124	722
Hinkson, Frank B., New Castle, assignor to Electric Liquid Purifying and Filtering Company, Pittsburg, Pa. Water-purifier	820,113	May 8	2232	485	122	551
Hinkson, Frank B., New Castle, assignor to Electric Liquid Purifying and Filtering Company, Pittsburg, Pa. Filter	821,360	May 22	4773	1015	122	1242
Hinkson, Frank B., New Castle, assignor to Hinkson Electric Liquid Purifying Company, Pittsburg, Pa. Water-purifier	831,434	Sept. 18	3074	651	124	828
Hinkson, Frank B., New Castle, assignor of two-thirds to J. M. and J. J. Flannery, Pittsburg, Pa. Treating hides	810,144	Jan. 16	3093	638-9	120	761
Hinkson, James R., New York, N. Y. Cigar-box	814,784	Mar. 13	1584	334	121	405
Hinman, George B., and F. F. Spencer, Danville, Va., assignors to H. W. Roby, Topeka, Kans. Foot latch or bolt	831,283	Sept. 18	2798	590	124	759
Hinman, Robert M., Akron, Ohio. Fire-pot	815,959	Mar. 27	4005	848	121	1028
Hinsch, Gustave L., assignor of one-half to C. A. Fosselman and C. C. Hohnsbehn, Waverly, Iowa. Wheel	810,337	Jan. 16	3504	723	120	849
Hinsch, Gustave L., and C. A. Fosselman, Waverly, Iowa; said Hinsch assignor to said Fosselman. Bottle-labeling machine	838,113	Dec. 11	1676	361	125	1816
Hinson, James A., deceased; M. Hinson, administratrix, assignor to National Car Coupler Company, Chicago, Ill. Emergency attachment for automatic car-couplings	820,644	May 15	3259	701	122	846
Hinson, Margaret, administratrix. (See Hinson, James A.)						
Hintlman, Seth H., Providence, R. I. Nut-tapping machine	810,054	Jan. 16	2925	609	120	727
Hinton, Ewald S., <i>et al.</i> (See Baldwin, Barlow, assignor.)						
Hinton, James C., Arncliffe, assignor of one-fourth to D. Cormack, Bexley, New South Wales, Australia. Means for controlling the spread of wheels of railway or tramway vehicles	825,834	July 10	2377	495-6	123	627
Hinton, Samuel J. (See Cranford and Hinton.)						
Hinton, Thomas J. (See Cruso, James V., assignor.)						
Hinton, William J., Danville, Ill. Trolley-lifter	823,332	June 12	2239	467	122	2265
Hinz, Julius C., Detroit, Mich. China-kiln	825,651	July 10	2025	423	123	540
Hipkins, William, Street, Md. Land-marker	829,401	Aug. 28	3466	729	123	2643
Hipolito, Espiridion, deceased, San Jose, Cal.; M. L. D. Hipolito, executrix. Hinge	826,167	July 17	3010	625	123	798
Hipolito, Mariane L. D., executrix. (See Hipolito, Espiridion.)						
Hipp, Frank J., New Brighton, Minn. Folding crate	816,164	Mar. 27	4433	937-8	121	1123
Hipp, Frank J., New Brighton, Minn. Fish-hook	836,038	Nov. 13	2220	475	125	597
Hippey, Edwin S., York, Pa. Guard-rail structure	836,881	Nov. 27	3958	846	125	1114
Hippisley, William H., deceased, assignor to R. C. Haven, Trenton, N. J. Garment-hook. (Reissue)	12,451	Feb. 13	2558	563	120	2087
Hipple, Alpheus H., Omaha, Nebr. Treating asbestos	828,114	Aug. 7	855		123	1882
Hipwell, John B., assignor to Windsor Machine Company, Reading, Pa. Knitting-machine	815,167	Mar. 13	2341	490-1	121	567
Hipwell, John B., assignor to Windsor Machine Co., Reading, Pa. Knitting-machine for knitting-machines	817,775	Apr. 17	2423	518-20	121	2000
Hipwell, John B., assignor to Windsor Machine Co., Reading, Pa. Picker mechanism	817,776	Apr. 17	2430	520	121	2002
Hipwood, George, Laconia, N. H. Fender for cars and other vehicles	810,762	Jan. 23	4370	907-8	120	1077
Hipwood, George, Laconia, N. H. Fender for cars and other vehicles	810,763	Jan. 23	4373	908	120	1077
Hird, Charles, Woonsocket, R. I., assignor of three-fourths to C. C. Bell, Brookline, and G. F. Willett, Norwood, Mass. Apparatus for making turned articles	835,525	Nov. 13	1292	277-8	125	370
Hird, Charles, Woonsocket, R. I., assignor of one-half to C. C. Bell, Brookline, and G. F. Willett, Norwood, Mass. Boring-machine	836,684	Nov. 27	3559	759	125	1010
Hird, Charles, Woonsocket, R. I., assignor of one-half to C. C. Bell, Brookline, and G. F. Willett, Norwood, Mass. Clutch	836,685	Nov. 27	3563	759	125	1011
Hird, James W., Benton, Wis. Fastening device for vehicle end-gates	812,341	Feb. 13	1672	368	120	1906
Hirlmann, Charles J., Fort Lee, N. J. Dry battery	820,047	May 8	2091	457	122	530
Hirsch, Abraham, Albert Lea, Minn. Universal pelt-stretcher	823,170	June 12	1896	391	122	2189
Hirsch, Charles C., Tripp, S. D. Window-screen	812,654	Feb. 13	2282	496-7	120	2029
Hirsch, Edwin B. (See Skall, Max A., assignor.)						
Hirsch, Isaac, Chicago, Ill. Scale-beam for weighing-scales	817,428	Apr. 10	1755	368	121	1802
Hirsch, Jake R., Memphis, Tenn. Draft-timber attachment for railway box-cars	839,109	Dec. 25	3625	782	125	2382
Hirsch, Joseph. (See Brown and Hirsch.)						
Hirsch, Max B., Chicago, Ill. Suspensory	828,651	Aug. 14	1923	404	123	2177
Hirsch, Max J. (See Meumann and Hirsch.)						
Hirsch, Morris, New York, N. Y. Folding box	815,704	Mar. 20	3463	723	121	863

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hirschberg, Solomon C. (See Schacht, Julius, assignor.)						
Hirsh, Benjamin, Buffalo, N. Y. Trousers.	833,054	Oct. 9	2072	436	124	1752
Hirsh, Fred, New York, N. Y. Clasp.	823,277	June 12	2140	446	122	2244
Hirsohn, Isaac, New York, N. Y. Garbage-can.	821,241	May 22	4519	962	122	1185
Hirsohn, Isaac, New York, N. Y. Garbage-can.	839,588	Dec. 25	4581	977	125	2615
Hirth, Michael, Butler, Pa. Gas-light chandelier.	814,448	Mar. 6	910	187	121	198
Hiscock, Charles O., Valparaiso, Ind. Filing-case	813,150	Feb. 20	3268	718	120	2288
Hise, William F., Sugargrove, W. Va. Nut-lock.	838,114	Dec. 11	1679	362	125	1817
Hislop, David B., Aberdeen, Scotland. Cushioned pneumatic tire.	821,871	May 29	5784	1232	122	1519
Hiss, Nelson, and H. G. De Buren, New York, N. Y., assignors to Elevator Securities Company. Traction apparatus.	810,941	Jan. 30	4769	992	120	1196
Hist, John, Orange township, Cuyahoga county, Ohio. Potato-digger.	808,746	Jan. 2	252	54	120	58
Hist, John, Solon, Ohio. Potato-digger.	809,259	Jan. 2	1302	265	120	286
Hist, John, Solon, Ohio. Potato-digger.	809,260	Jan. 2	1302	265	120	287
Hist, John, Orange township, Cuyahoga county, assignor to Hist Manufacturing Company, Barberton, Ohio. Metal-shaping appliance.	832,671	Oct. 9	1319	265	124	1571
Hist Manufacturing Company. (See Hist, John, assignor.)						
Hitch, Albert J., Ridgetown, Ontario, Canada. Railway signaling apparatus.	838,542	Dec. 18	2530	547-8	125	2069
Hitch, David M., Lansdowne, Pa. Tooth-brush holder and sterilizer.	827,308	July 31	5353	1112	123	1415
Hitch, Mayhew R. (See Cunniff, John V., assignor.)						
Hitchcock, Halbert K. (See Clause and Hitchcock.)						
Hitchcock, Halbert K., Tarentum, assignor to himself, and C. W. Brown, trustee, Pittsburg, Pa. Apparatus for the manufacture of sheet-glass.	832,860	Oct. 9	1709	352-3	124	1664
Hitchcock, Lucien R. (See Morden and Hitchcock.)						
Hitchcock, Samuel S., St. Louis, Mo. Combination churn and cream-whipper.	813,497	Feb. 27	3964	869	120	2496
Hitchins, Harry E., Chicago, Ill. Key-fastener.	837,468	Dec. 4	383	87	125	1451
Hite, Charles, and J. Robertson, Pittston, Pa. Valve.	837,063	Nov. 27	4358	924	125	1208
Hite, W. H., <i>et al.</i> (See Mitchell, Wiley A., assignor.)						
Hitner, Harry F., Wilkensburg, assignor to Window Glass Machine Company, Pittsburg, Pa. Device for capping off glass cylinders.	821,361	May 23	4774	1015	122	1242
Hitner, Harry F., assignor to Window Glass Machine Company, Pittsburg, Pa. Speed-controlling device for glass-blowing machines.	822,452	June 5	422	86-7	122	1816
Hitt, Adrian, Jersey City, N. J., assignor to O. W. Badger, New York, N. Y. Progressing hobby-horse.	818,826	Apr. 24	4575	981	121	2520
Hitt, Thomas G., Seattle, Wash. Signaling-torch.	836,381	Nov. 20	2945	623	125	826
Hitzel, Harry, assignor to Alpha Portland Cement Company, Alpha, N. J. Rotary cement-kiln.	815,705	Mar. 20	3466	723-4	121	864
Hix, Albert E. (See Ackley, Raymond E., assignor.)						
Hixon, Peter H., Chicago, Ill. Shoe-polishing stand.	808,986	Jan. 2	728	158	120	161
Hixson, Charles T., Ringwood, Okla. Ter. Traction-engine tender.	810,145	Jan. 16	3094	639	120	761
Hixson, Hiram B., Hillsboro, Iowa. Weighing-machine.	813,972	Feb. 27	4884	1080	120	2693
Hixson, John W., St. Joseph, Mo. Fly-paper holder.	809,951	Jan. 16	2687	554	120	676
Hjelmek, Olof, Chicago, Ill. Tank.	818,088	Apr. 17	3062	660	121	2141
Hjorth, Walter A. W. E. (See Ljungman, Berglund, and Hjorth.)						
Hoag, Chester R., assignor to Whitehead & Hoag Company, Newark, N. J. Easel.	825,053	July 3	731	153	123	196
Hoag Rapid Press Company. (See Sharp and Andrus, assignors.)						
Hoagland, Ellery M., San Francisco, Cal. Door-securer.	816,327	Mar. 27	4771	1011	121	1195
Hoagland, Ellery M., assignor of one-half to W. H. Kelly, San Francisco, Cal. Gate.	822,368	June 5	277	58	122	1786
Hoagland, Ellery M., assignor of one-half to W. H. Kelly, San Francisco, Cal. Buckle.	825,600	July 10	1880	397	123	501
Hoagland, Francis O., assignor to Pratt & Whitney Company, Hartford, Conn. Stop device for reversing mechanisms.	827,016	July 24	4711	982	123	1240
Hoar, Samuel, Hibbing, Minn. Snap-hook.	817,561	Apr. 10	2021	426	121	1856
Hoard, James L. (See Taylor and Hoard.)						
Hobart Electric Manufacturing Company. (See Johnston, Herbert L., assignor.)						
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks Morse & Company, Chicago, Ill. Valve for gas-producers.	809,261	Jan. 2	1304	265	120	287
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Gas-purifier.	814,698	Mar. 13	1417	295	121	369
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Gas-producer.	817,853	Apr. 17	2589	558	121	2037
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks Morse & Company, Chicago, Ill. Bearing for windmill-shafts.	831,554	Sept. 25	3325	697	124	928
Hobart, Louis C., Southington, Conn. Lubricator for loose pulleys.	822,046	May 29	6124	1304	122	1597
Hobart, Marcene P., Chesterfield, Ill. Wire-fence stretcher.	825,906	July 17	2504	521	123	667
Hobbs, Clarence W., Worcester, Mass. Paper box.	826,784	July 24	4272	888	123	1134
Hobbs, Clarence W., Worcester, Mass. Paper-cutting mechanism.	837,683	Dec. 4	815	185	125	1556
Hobbs, Elbert R., Lamar, Colo. Ringer for telephones and the like.	809,060	Jan. 2	861	183	120	191
Hobbs, Francis M., Halesboro, Tex. Alarm.	822,125	May 29	6272	1335	122	1632
Hobbs, George R. (See Jackson and Hobbs.)						
Hobbs, John O., Chicago, Ill. Shaft and clutch mechanism.	810,412	Jan. 23	3701	762	120	926
Hobbs, Willis F., assignor to Bridgeport Hardware Manufacturing Company, Bridgeport, Conn. Nail-puller.	809,803	Jan. 9	2392	495	120	559
Hobbs, Willis F., assignor to Bridgeport Hardware Manufacturing Company, Bridgeport, Conn. Container-punch.	809,804	Jan. 9	2393	495	120	559
Hoberecht, Albert. (See Hazard, Henry T., assignor.)						
Hobson, Francis J. (See Smith and Hobson.)						
Hobson, Francis J., Guanajuato, Mexico. Selective solvent for silver.	827,368	July 31	5469		123	1443
Hobson, Francis J., Guanajuato, Mexico. Silver extraction.	828,287	Aug. 7	1196		123	1965
Hobson, Francis J., Guanajuato, Mexico. Silver extraction.	828,288	Aug. 7	1198		123	1965
Hobson, John S. (See Ames and Hobson.)						
Hobson, John S., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Clip for detector-bars.	816,658	Apr. 3	234	54-5	121	1412
Hobson, William, <i>et al.</i> (See Patrick, Minot S., assignor.)						
Hobt, Albert, Wellston, Ohio. Horse fly-net.	812,267	Feb. 13	1539	335	120	1877
Hochreutener, Henry, West Hoboken, N. J. Fabric-holding frame.	826,853	July 24	4409	918	123	1166
Hochriem, Gustave F. (See Paupa and Hochriem.)						
Hochstrasser, Gottlieb, Chicago, Ill. Hydrocarbon-burner.	835,683	Nov. 13	1590	339	125	444
Hochstrasser, Gottlieb, Chicago, Ill. Double-acting spring-hinge.	839,589	Dec. 25	4582	977	125	2616
Hochwald, Moritz, Berlin, Germany. Valve.	813,893	Feb. 27	4739	1047	120	2664
Hock, John A., and E. Bernheim, assignors to National Tube Company, Pittsburg, Pa. Pipe-threading machine.	820,114	May 8	2233	485-6	122	561
Hocker, Charles, Rushville, Ind. Automatic gate for railway-crossings.	830,788	Sept. 11	1819	377-8	124	488
Hocker, Charles, Rushville, Ind. Trip for automatic gates.	830,789	Sept. 11	1821	378	124	489
Hocker, Jefferson C. (See McGuire, Squire D., assignor.)						
Hockersmith, James B., assignor of one-half to J. W. Wilson and H. E. Watson, Iola, Ill. Railway-gate.	838,992	Dec. 18	3342	724	125	2264

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & C.	Vol.	Page.
Hockin, Charles, Minot, N. D. Horse-rake.....	827,098	July 31	4919	1026	123	1305
Hocquart, Edouard L., Paris, France. Traveling staircase.....	829,152	Aug. 21	2961	619	123	2474
Hodell, Stanislaw C., Herkimer, N. Y. Desk-drawer.....	824,653	June 26	4804	1024	122	2935
Hodge, Arthur J. (See Roach and Hodge.)						
Hodge, Arthur J. and N., assignors to Kanterase Check Protector Co., Pasadena, Cal. Marking device.....	828,478	Aug. 14	1589	336	123	2092
Hodge, Leonard M., assignor of one-half to W. P. Holmes, San Jose, Cal. Carpenter's framing-square.....	830,322	Sept. 4	851	175	124	212
Hodge, Nathaniel. (See Hodge, Arthur J. and N.)						
Hodge, Samuel E. (See Hull and Hodge.)						
Hodge, Schuyler C. (See Harrington and Hodge.)						
Hodges, Clarence B. and F. W., Detroit, Mich. Lubricator. (Reissue).....	12,454	Feb. 20	3740	821-2	120	2387
Hodges, Clarence B. and F. W., Detroit, Mich. Gage-glass.....	821,872	May 29	5785	1232-3	122	1519
Hodges, D. D. (See Sterling, Samuel, assignor.)						
Hodges, Emery C., Bloomington, Ill. Burial-vault.....	834,204	Oct. 23	4629	982	124	2473
Hodges Fiber Carpet Company. (See Stevenson, William M., assignor.)						
Hodges, Frederick F., Battletcreek, Mich. Hame and trace connector.....	808,840	Jan. 2	421	92	120	93
Hodges, Frederick W. (See Hodges, Clarence B. and F. W.)						
Hodges, Frederick W. (See Hodges, Clarence B. and F. W.) (Reissue.)						
Hodges, Frederick W., Detroit, Mich. Force-feed lubricator.....	820,419	May 15	2833	617	122	751
Hodges, Philip F., Collegeview, Nebr. Fly-fan.....	823,727	June 19	3008	637	122	2489
Hodges, Wilbur. (See Tatum, Henry, assignor.)						
Hodges, William H., Union Star, Mo. Poultry-coop.....	810,207	Jan. 16	3226	667-8	120	787
Hodgetts, Harold W., assignor to Textile Manufacturing Company, Westfield, Mass. Mirror-supporting device.....	834,980	Nov. 6	198	43	125	52
Hodgkinson, Francis. (See Longwell and Hodgkinson.)						
Hodgkiss, Thomas F. (See Munson and Hodgkiss.)						
Hodgson, George H., Pittsburg, Pa. Salt and pepper shaker.....	837,064	Nov. 27	4359	924	125	1208
Hodgson, Isaac, Minneapolis, Minn., assignor to Automobile Wheel and Rim Company of New Jersey. Vehicle-wheel rim.....	813,382	Feb. 20	3717	817	120	2381
Hodgson, John G., Maywood, Ill., assignor to American Can Company, New York, N. Y. Solder-edged-cap machine.....	820,357	May 8	2688	587-8	122	661
Hodgson, John G., Maywood, Ill., assignor to American Can Company, New York, N. Y. Machine for automatically applying molten solder to rims of can-caps.....	820,358	May 8	2693	588-9	122	663
Hodgson, John G., Maywood, Ill., assignor to American Can Company, New York, N. Y. Mechanism or apparatus for loading and counting cans.....	823,780	June 19	3115	660	122	2513
Hodgson, John G., Maywood, Ill., assignor to American Can Company, New York, N. Y. Can loading and counting machine.....	823,781	June 19	3117	660	122	2514
Hodson, Ernest D., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Pressure-regulated supply-valve.....	822,276	June 5	103	21	122	1750
Hodson, Charles E., Bourne, England. Lacing-hook.....	820,420	May 15	2836	617	122	752
Hodson, Edwin D., assignor of one-half to B. B. Hinkle, Canton, Ill. Miner's lamp.....	816,725	Apr. 3	344	79	121	1436
Hodson, James, Liverpool, assignor to North British Eyelet Company, Limited, Merfield, England. Folding bedstead.....	822,369	June 5	279	58	122	1786
Hodson, James, Liverpool, assignor to North British Eyelet Company, Limited, Merfield, England. Hinge for folding furniture.....	822,894	June 5	1313	270	122	2013
Hoe, Robert. (See Balze, John C. F., assignor.)						
Hoe, Robert, et al. (See Crowell, Luther C., assignor.)						
Hoe, Robert. (See Read, George F., assignor.)						
Hoe, Robert. (See Schmidt, Louis A., assignor.)						
Hoe, Robert. (See Scull, George F., assignor.)						
Hoefer, Anna, Wahlershausen, Germany. Locking device for pots, &c.....	829,786	Aug. 28	4311	911	123	2852
Hoefer, Emil A., assignor to Hoefer Manufacturing Company, Freeport, Ill. Variable-speed gear.....	809,372	Jan. 9	1537	312	120	372
Hoefer Manufacturing Company. (See Hoefer, Emil A., assignor.)						
Hoeft, Francis I., assignor to Cincinnati Coffin Company, Cincinnati, Ohio. Coffin-handle.....	826,033	July 17	2752	569	123	734
Hoeglauer, Heinrich, Munich, Germany. Bathing apparatus.....	818,887	Apr. 24	4677	1004	121	2542
Hoeglauer, Heinrich, Munich, Germany. Device for generating waves in baths.....	826,427	July 17	3498	728	123	915
Hoeglauer, Heinrich, Munich, Germany. Bathing apparatus.....	826,506	July 17	3708	768	123	975
Hoehn, John. (See Temple and Hoehn.)						
Hoehne, Ferdinand F., Kaukauna, Wis. Truck.....	826,660	July 24	4040	837	123	1074
Hoehne, Ferdinand F., and A. Denzer, assignors of one-third to O. M. Farwell, Kaukauna, Wis. Friction-clutch.....	815,168	Mar. 13	2346	491	121	568
Hoekstra, William, Harrison, S. D. Pump-rod ejector.....	812,131	Feb. 6	1187	260	120	1731
Hoelmann, Richard, Brooklyn, N. Y. Closure device for bottles and other vessels.....	819,139	May 1	203	42	122	51
Hoell, William H., Grand Cane, La. Paper-roll holder.....	828,115	Aug. 7	856	176	123	1882
Hoellig, Joseph. (See Lidster and Hoellig.)						
Hoelscher, Herman M., and J. J. Clifford, assignors to L. Wolf Manufacturing Company, Chicago, Ill. Non-scalding shower-bath cock.....	825,214	July 3	1050	222	123	274
Hoen, Ernest A. (See Wood, Hoen, and Meagher.)						
Hoensberger, Harry L., Chicago, Ill. Lap-robe.....	823,469	June 12	2479	524	122	2315
Hoensberger, Henry. (See Freund, Joseph, assignor.)						
Hoenscheid, Peter J., assignor to National Twist Drill & Tool Company, Detroit, Mich. Drill-chuck.....	811,722	Feb. 6	352	78	120	1564
Hoepner, George, Sandwich, Ill., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Attachment for automatic scales.....	823,599	June 19	2769	586	122	2438
Hoepner, George, Sandwich, Ill., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Stop counting-machine.....	828,209	Aug. 7	1015	212	123	1919
Hoerle, Christian G., assignor to Union Hardware Company, Torrington, Conn. Roller-skate.....	823,333	June 12	2240	467	122	2265
Hoerlein, Frank G., New York, N. Y. Rack.....	834,057	Oct. 23	4317	917	124	2394
Hoerr, Louis A., St. Louis, Mo. Railway-car.....	809,613	Jan. 9	2039	423	120	480
Hoerr, Louis A., St. Louis, Mo. Brake-rod jaw.....	834,727	Oct. 30	5667	1202	124	2782
Hoerschen, Henry A., Omaha, Nebr. Electric railway signaling device.....	821,801	May 29	5662	1207	122	1494
Hoey, John. (See Crouch, Frank J., assignor.)						
Hoey, John, San Francisco, Cal. Mattress or couch fabric.....	811,222	Jan. 30	5314	1111	120	1314
Hoey, John, San Francisco, Cal. Extension-couch.....	811,921	Feb. 6	774	169	120	1646
Hoey, John J., New York, N. Y. Memorandum-book.....	814,699	Mar. 13	1419	295	121	370
Hof, David C., and C. F. Ladwig, Nora Springs, Iowa. Portable grain-elevator.....	809,373	Jan. 9	1539	313	120	373
Hofacker, Fred, Portland, Me. Ironing-board.....	827,237	July 31	5219	1084	123	1384
Hofbauer, Frank. (See Feval and Hofbauer.)						
Hofbauer, Frank X., West Orange, N. J. Electric generator for bicycles.....	810,651	Jan. 23	4178	863	120	1034
Hofbauer, Joseph C., West Hoboken, N. J. Keyboard for accordions.....	826,661	July 24	4042	838	123	1074
Hofe, John G. von, New York, N. Y. Wall construction.....	831,345	Sept. 18	2914	618	124	787
Hofer, Hans, New York, N. Y. Assorting silks.....	815,169	Mar. 13	2348		121	568

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Hoff, Charles A., Blair, Nebr. Windmill-lubricator.....	823,410	June 12	2366	498	122	2291
Hoffa, Charles W., Garrett, Pa. Medicine-glass.....	809,952	Jan. 16	2688	555	120	676
Hoffa, William, St. Paul, Nebr. Flue-cutter.....	817,319	Apr. 10	1529	321	121	1753
Hoffbauer, Alfred, New York, N. Y. Centrifugal machine.....	830,230	Sept. 4	669	134	124	169
Hoffert, Max, Cincinnati, Ohio. Feller-foot for sewing-machines.....	821,491	May 22	5040	1073	122	1299
Hoffheimer Soap Co. (See Little, Robert H., assignor.)						
Hoffken, Jerry G., assignor to G. N. Burg, Minneapolis, Minn. Brooder-heater.....	832,016	Sept. 25	4268	892	124	1172
Hoffman, Arthur L., Allegheny, assignor of one-half to O. F. Grant and J. G. McDowell, Pittsburgh, Pa. Steel barge.....	836,113	Nov. 20	2383	503-4	125	689
Hoffman, August. (See Godwin and Hoffman.)						
Hoffman, Charles A., Minneapolis, Minn. Combined eyeglass and spectacle mounting.....	815,827	Mar. 20	3745	787	121	922
Hoffman, Charles A., Minneapolis, Minn. Eyeglass-mounting.....	820,494	May 15	2981	644	122	785
Hoffman, Charles W. (See Anderson, John N., assignor.)						
Hoffman, Conrad, Elyria, Ohio. Toy.....	839,145	Dec. 25	3700	798	125	2402
Hoffman, David B., Baltimore, Md. Toy gun.....	838,330	Dec. 11	2117	457	125	1924
Hoffman, Edmund. (See Perry, Eugene L., assignor.)						
Hoffman, Edmund, Brooklyn, assignor to S. S. Stafford, Incorporated, New York, N. Y. Paste-pot cover.....	816,659	Apr. 3	235	55	121	1412
Hoffman, Frank C., Somerville, N. J. Rail-bond for steam and electric railways.....	812,040	Feb. 6	1022	223	120	1696
Hoffman, Frank C., Somerville, N. J. Rail-bond for steam and electric railways. (Re-issue).....	12,504	July 17	3750	778	123	983
Hoffman, Frank K., Dunkirk, N. Y. Railway switch mechanism.....	815,533	Mar. 20	3125	654	121	788
Hoffman, George A., assignor to J. H. Brinton, Philadelphia, Pa. Tap-stock.....	820,194	May 8	2386	518	122	594
Hoffman, Joseph M., assignor of one-half to J. F. Nelson, Brooklyn, N. Y. Antislipping removable sole for shoes.....	818,173	Apr. 17	3249	697	121	2182
Hoffman, Louis E., Cleveland, Ohio. Differential driving-gear.....	834,619	Oct. 30	5464	1160	124	2729
Hoffman Manufacturing Company. (See Hoffman, Ross J., assignor.)						
Hoffman, Paul. (See Weidmann, Carl, assignor.)						
Hoffman, Paul W., Albany, N. Y. Skirt-supporter.....	811,638	Feb. 6	209	44	120	1530
Hoffman, Ross J., Bradford, Pa. Power-transmission connection.....	836,882	Nov. 27	3960	846	125	1115
Hoffman, Ross J., assignor to Hoffman Manufacturing Company, Bradford, Pa. System for pumping oil-wells.....	809,805	Jan. 9	2394	496	120	559
Hoffman, Ross J., assignor to Hoffman Manufacturing Company, Bradford, Pa. Producing oil from oil-wells.....	809,806	Jan. 9	2396	496	120	560
Hoffman, William W., La Fayette, and F. W. Powers, West Lafayette, assignors to Electric & Steam Ry. Supply Co., La Fayette, Ind. Railway-switch.....	818,378	Apr. 17	3644	782-3	121	2265
Hoffmann, Adolf. (See Bier and Hoffmann.)						
Hoffmann, Henry F., Stapleton, N. Y. Wrench.....	834,807	Oct. 30	5844	1239	124	2825
Hoffmann, Jacob J., Jersey City, N. J. Display-tray.....	812,999	Feb. 20	2951	650	120	2218
Hoffmann, Otto, Chicago, Ill. Caster.....	818,442	Apr. 24	3773	811	121	2348
Hoffmann, Otto, Granite, Minn. Power-transmitting device.....	828,116	Aug. 7	857	176	123	1882
Hoffmann, Otto C., assignor to Fuse Wire & Manufacturing Company, Buffalo, N. Y. Electric fuse.....	821,873	May 29	5788	1233	122	1520
Hoffmann, Otto C., assignor to W. W. Merrill, Chicago, Ill. Fuse.....	833,618	Nov. 13	1476	315	125	416
Hoffmann, Philip J., Pittsburg, Pa. Horseshoe.....	811,398	Jan. 30	5645	1181	120	1385
Hoffmeier, Samuel R., East Hempfield township, Lancaster county, assignor to Hamilton Watch Company, Lancaster, Pa. Watch-barrel.....	832,672	Oct. 9	1321	266	124	1571
Hoffstetter, Charles H., Erie, Pa. Gas-stove.....	824,180	June 26	3856	823	122	2733
Hoffsummer, Ignaz, Düren, Germany. Manufacturing photographic papers.....	812,204	Feb. 13	1399	120	1844	
Hoffsummer, Ignaz, Düren, Germany. Making photographic papers.....	828,652	Aug. 14	1925	123	2178	
Hoffmann, Alfred, Gothenburg, Sweden. Apparatus for printing yarns.....	816,796	Apr. 3	476	106	121	1462
Hoffmann, Frederick, New York, N. Y. Medical device.....	827,099	July 31	4920	1026	123	1305
Hoffmann, Fritz, Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Beta-substituted ester of diaminoglycerin and making same.....	808,747	Jan. 2	253	120	58	
Hoffmann, Fritz, Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Benzoyl chlorid derivative of beta-ethyltetramethyldiaminoglycerin.....	808,748	Jan. 2	255	120	58	
Hoffmann, Fritz, Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Pharmaceutical compound.....	822,370	June 5	281	122	1787	
Hoffmann, Johann, West Covington, Ky., assignor to E. H. Huenefeld, Cincinnati, Ohio. Mechanical movement.....	839,146	Dec. 25	3701	799	125	2403
Hoffmann, Joseph, Berlin, Germany. Wing of flying-machines.....	827,017	July 24	4712	982-3	123	1241
Hoffmann, Julius C., Vienna, Austria-Hungary. Piano-orchestration.....	831,072	Sept. 18	2375	500	124	658
Hoffmann, Ottokar, Argentine, Kans., assignor to United Zinc and Chemical Company, Kansas City, Mo. Roasting-furnace.....	809,953	Jan. 16	2689	555	120	676
Hofstad, Isak M., Wrangell, Alaska. Parallel-ruler.....	823,865	June 19	3272	694	122	2549
Hofstatter, William J., Toledo, Ohio. Safety coupling-section for air-brake pipes.....	810,862	Jan. 23	4560	949-50	120	1117
Hofstatter, William J., Toledo, Ohio. Coupling-section for train air-pipes.....	810,863	Jan. 23	4565	950	120	1118
Hogan, Bertice P., Erie, Pa. Sleeve-ironing board.....	824,719	July 3	45	8	123	15
Hogan, Charles F. (See Harriss and Hogan.)						
Hogan, Denis, assignor of one-half to J. Schwarz, Denver, Colo. Track-sanding device for street-railway cars.....	824,118	June 26	3733	797	122	2706
Hogan, Eli, Portland, Oreg. Coil-spring.....	810,146	Jan. 16	3097	639	120	762
Hogan, J. M. (See Lindsay, Robert F., assignor.)						
Hogan, James, assignor of one-half to J. W. Hogan, Emison, Ind. Artificial leg.....	835,428	Nov. 6	1122	241	125	282
Hogan, John W. (See Hogan, James, assignor.)						
Hogan Manufacturing Company. (See Hogan, Matthew, assignor.)						
Hogan, Matthew, assignor to Hogan Manufacturing Company, Hartford, Conn. Flush-tank.....	814,208	Mar. 6	395	80	121	87
Hogan, Peter W., Durand, Mich. Appliance for car-couplings.....	814,449	Mar. 6	911	187	121	199
Hogan, Seth, Creedmoor, Tex. Planter.....	830,071	Sept. 4	322	64-5	124	79
Hogan, William F., San Francisco, Cal. Oil-burner.....	823,866	June 19	3273	694	122	2550
Hogeland, Israel, assignor of one-half to E. L. Prathner, Indianapolis, Ind. Noiseless car-wheel.....	834,473	Oct. 30	5168	1098	124	2654
Hogen, Abel H., Geddes, S. D. Type-writer.....	825,728	July 10	2178	455	123	577
Hogg, Frederick L. (See Loudon and Hogg.)						
Hogg, William S., Washington, D. C., assignor to Overland & Marine Telegraph Company, New York, N. Y. Space telegraphy.....	829,787	Aug. 28	4312	911	123	2852
Hoggard, Charles W., Plumstead, England. Device for testing strings for musical instruments.....	814,541	Mar. 6	1087	225	121	236
Hoggard, William, Ottawa, Ontario, Canada. Feeding mechanism for bottle-capping machines.....	837,065	Nov. 27	4360	924	125	1209
Hogue, James C., Winfield, Tex. Churn-cover.....	812,566	Feb. 13	2122	465	120	1999
Hogue, Lovren E., Greenville, Pa. Injector.....	834,133	Oct. 23	4997	954	124	2411
Hohaus, Theodore, Winona, Minn. Feeder for tow-brakes and the like.....	828,403	Aug. 14	1427	301-2	123	2050
Hoheisel, Joseph F. (See Morgan and Hoheisel.)						
Hohl, Leonard J., Oroville, and R. Schorr, San Francisco, Cal. Armored conveyer-belt.....	829,867	Aug. 28	4469	944	123	2890

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Hohlfeld, Herman L., Philadelphia, Pa. Hammock.	810,942	Jan. 30	4770	992	120	1196
Hohlfeld, Herman L., Philadelphia, Pa. Loop for hammocks.	811,922	Feb. 6	777	169	120	1647
Hohmann, Charles J. and O., Brooklyn, N. Y. Non-refillable bottle.	831,435	Sept. 18	3076	651	124	828
Hohmann, Otto. (See Hohmann, Charles J. and O.)						
Hohmann, Richard K. (See Scudder and Hohmann.)						
Hohnbach, Robert, Joliet, Ill. Dough-mixing machine.	835,107	Nov. 6	474	96	125	123
Hohnbach, Robert, Jr., and W. Leitel, Joliet, Ill. Dough dividing and scaling machine.	809,443	Jan. 9	1699	349	120	406
Hohner, Hans. (See Kohler, Elias, assignor.)						
Hohner, Hans, New York, N. Y. Harmonica.	821,492	May 22	5041	1073	122	1299
Hohnsbehn, Claus C., et al. (See Hirsch, Gustave L., assignor.)						
Hoisington, Daniel J., Crescent, Okla. Ter. Steam-engine valve.	815,828	Mar. 20	3747	787-8	121	922
Holbein, Joseph E., and W. P. Kinsey, assignors to Edward Dambach Company, Evans City, Pa. Adjustable mantle.	827,369	July 31	5470	1136	123	1443
Holborn, Carl, Göttingen, Germany. Penholder and other finger-held tool.	824,863	July 3	370	70	123	101
Holbourns, John G., and H. A. Longhurst, London, England. Escapement mechanism of linotype-machines.	832,792	Oct. 9	1561	321	124	1628
Holbrook, Frank E., assignor to Great Northern Paper Company, Millinocket, Me. Paper-winding machine.	828,653	Aug. 14	1926	404	123	2178
Holbrook, George D., Seekonk, assignor to Daggett & Clap Co., Attleboro, Mass. Brace-let.	830,998	Sept. 11	2194	464	124	581
Holcomb, A. L. (See Baker, John W., assignor.)						
Holcomb Automatic Engine Company. (See Holcomb, Clifford A., assignor.)						
Holcomb, Clifford A., Chicago, Ill., assignor to Holcomb Automatic Engine Company. Steam-engine.	822,001	May 29	6032	1285-7	122	1575
Holcomb, John L., Brown, Okla. Ter. Medicine-case.	837,224	Nov. 27	4652	988	125	1281
Holcomb, Sereno S., assignor to Cleveland Hardware Company, Cleveland, Ohio. Wrought-metal ferrule.	832,059	Oct. 2	62	15	124	1227
Holcomb, William R., Downey, Iowa. Folding cattle-guard.	825,969	July 17	2624	545	123	702
Holdaway, Alfred M. (See Holdaway, Andrew N. and A. M.)						
Holdaway, Andrew N., Provo, and A. M. Holdaway, Pleasant Grove, Utah. Spark-arrester.	830,592	Sept. 11	1413	293	124	378
Holdeman, James H. (See True, William, assignor.)						
Holdeman, Samuel R., Eskridge, Kans. Sash-lock.	823,171	June 12	1897	391	122	2189
Holden, Arthur P. (See Marston and Holden.)						
Holden, Daniel L., New York, N. Y., assignor to Federal Ice Company, of New York. Liquid-sterilizer.	838,409	Dec. 11	2268	491	125	1960
Holden, Edward E., and A. Hovorka, Chicago, Ill. Sawing-machine.	827,100	July 31	4921	1027	123	1306
Holden, Edward H., New York, N. Y. Surveyor's reel.	837,931	Dec. 11	1291	283	125	1717
Holden, Edward P. (See Howe, Rix, and Holden.)						
Holden, Eugene H., Keene, N. H. Toy.	836,257	Nov. 20	2707	576	125	770
Holden, Ezra C. and H., Des Moines, Iowa. Earth-anchor.	809,374	Jan. 9	1543	313	120	374
Holden, Frank, Rugby, England, assignor to General Electric Company. Electrical measuring instrument.	835,755	Nov. 13	1724	366	125	477
Holden, Frank, Rugby, England, assignor to General Electric Company. Meter.	836,974	Nov. 27	4159	887-8	125	1159
Holden, Frank, Rugby, England, assignor to General Electric Company. Meter.	837,066	Nov. 27	4363	925	125	1209
Holden, George, Merchantville, N. J., assignor to Merritt and Company. Locking device.	818,443	Apr. 24	3774	811	121	2348
Holden, George, Merchantville, N. J., assignor to Merritt and Company. Reticulated sheet-metal structure.	818,444	Apr. 24	3775	811	121	2348
Holden, George, Merchantville, N. J., assignor to Merritt and Company. Window-screen.	822,948	June 12	1422	297	122	2084
Holden, Harry. (See Holden, Ezra C. and H.)						
Holden, Jonas H. (See Warren and Holden.)						
Holden, Joseph E. (See Southworth and Holden.)						
Holden, Liberty D., deceased, Glenville, Ohio; V. H. Holden, executrix. Door-indicator.	823,782	June 19	3119	661	122	2514
Holden, Maria E., Yonkers, N. Y. Storm-curtain for open cars.	817,562	Apr. 10	2023	426	121	1857
Holden, Thomas F., et al. (See Tincher, Timothy S., assignor.)						
Holden, Virginia H., executrix. (See Holden, Liberty D.)						
Holderfield, Eddy C. (See Holderfield, Joseph M. and E. C.)						
Holderfield, Joseph M. and E. C., Fogg, Tenn. Hay-press.	819,546	May 1	1004	220	122	226
Holderness, Herbert O. (See Hawley and Holderness.)						
Holderness, Herbert O., and C. G. Hawley, assignors to Readable Signal Company, Chicago, Ill. Signaling system.	813,426	Feb. 27	3816	837	120	2461
Holdred, Frank, assignor to E. K. Warren, Three Oaks, Mich. Quill-treating machine.	823,122	June 12	1806	371-2	122	2169
Holdredge, Charles H., Westerly, R. I. Vehicle-gear.	827,445	July 31	5660	1173	123	1490
Hole, Franklin J. (See Ayer, Hole, and Olney.)						
Holes, Frank M., Ridgway, Pa. Tobacco-pipe.	814,045	Mar. 6	91	17	121	21
Holgate, George H., Philadelphia, Pa. Carbureter.	813,796	Feb. 27	4535	1002-3	120	2619
Holladay, Brian, Richmond, Va. Nursery-bottle.	813,894	Feb. 27	4740	1048	120	2664
Holladay, Lewis L., Lynn, Mass., assignor to General Electric Company. Ventilating-fan.	839,386	Dec. 25	4167	891	125	2515
Hollaender, Walter S., Cincinnati, Ohio. Float-valve.	839,147	Dec. 25	3702	799	125	2403
Holland, Alonzo J., Hypoluxo, Fla. Motor-plow.	818,962	Apr. 24	4818	1036	121	2573
Holland, Charles E. (See Holland, Charles L., assignor.)						
Holland, Charles E., New York, N. Y., assignor to Holland Metal Recovery Company. Reclaiming waste gold and other valuable metals from water and other liquids.	818,174	Apr. 17	3251	697	121	2183
Holland, Charles L., assignor of one-half to C. E. Holland, Boston, Mass. Holder and handle for safety-razors.	808,659	Jan. 2	78	17	120	19
Holland Company. (See Hawley, Charles G., assignor.)						
Holland, Curtis, assignor of two-thirds to C. H. Smith and J. Adams, Butte, Mont. Bowling-alley ball.	838,026	Dec. 11	1484	320	125	1767
Holland, David L., Frankfort, assignor of one-half to D. L. Miller, Louisville, Ky. Tool for cutting pipe.	825,215	July 3	1053	222	123	275
Holland, Franklin and J. M., Baltimore, Md. Bed-riser.	828,654	Aug. 14	1926	404	123	2178
Holland, Henry, Cleveland, Ohio. Trolley-base.	834,134	Oct. 23	4500	954	124	2442
Holland, James M. (See Holland, Franklin and J. M.)						
Holland, James M., Deppe, N. C. Rein-supporter.	826,937	July 24	4568	951	123	1206
Holland, Jasper L. (See Martin, Ivison B., assignor.)						
Holland, John, Cincinnati, Ohio. Fountain-pen.	821,940	May 29	5922	1260	122	1551
Holland, John P., Newark, N. J. Submarine boat.	815,350	Mar. 20	2753	573-4	121	706
Holland, Joseph R., and C. H. Buck, Binghamton, N. Y. Horseshoe.	828,886	Aug. 21	2396	510	123	2327
Holland Metal Recovery Company. (See Holland, Charles E., assignor.)						
Holland, Newman H., Brookline, assignor of one-half to C. Bate, Quincy, Mass. Telephone-meter.	838,115	Dec. 11	1680	362	125	1817
Holland, Thomas. (See Schneider and Holland.)						
Holland, William, Philadelphia, Pa. Printing-press.	814,785	Mar. 13	1584	334	121	405

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hollander, Frank, <i>et al.</i> (See Clifton, William H. J., assignor.)						
Hollander, Irvin H., Washington, D. C. Means for keeping credit and instalment accounts.	838,993	Dec. 18	3343	724	125	2264
Hollander, Nick, <i>et al.</i> (See Clifton, William H. J., assignor.)						
Hollander, William H., Evansville, Ind. Dough-raiser.	811,781	Feb. 6	456	99	120	1585
Holle, Arthur, Munich, Germany. Metal cask.	820,306	May 8	2607	558	122	643
Holle, Walter. (See Taylor, William M., assignor.)						
Hollenbach, Isaac, G. A. Haage, and J. G. Hollenbach, Reading, Pa. Oil-burner.	821,165	May 22	4380	932	122	1544
Hollenbach, John G. (See Hollenbach, Haage, and Hollenbach.)						
Hollenberger, John A., Hagerstown, Md. Apparatus for administering liquid anesthetics.	827,910	Aug. 7	414	89	123	1773
Hollerith, Herman, Garrett Park, Md., assignor, by mesne assignments, to Tabulating Machine Company. Apparatus for use in tabulating and other like systems.	814,700	Mar. 13	1420	295-6	121	370
Hollerith, Herman, Garrett Park, Md., assignor, by mesne assignments, to Tabulating Machine Company. Apparatus for use in tabulating systems. (Reissue.)	12,523	Aug. 28	4657	976-8	123	2939
Holley, Carl H., <i>et al.</i> (See McPhaill, Hugh, assignor.)						
Holley, Everett D., Forestville, assignor to Bristol Brass Company, Bristol, Conn. Lamp-burner.	816,232	Mar. 27	4555	970	121	1149
Hollick, Walter J., Manchester, England. Tramway-line and railway-line at level-crossings.	822,606	June 5	758	153-4	122	1895
Holliday, Francis E., Jellico, Tenn. Car-wheel.	837,932	Dec. 11	1292	283	125	1717
Holliday, George E. (See Betz and Holliday.)						
Holliday, George E., Rock Rapids, Iowa. Grain-separator.	815,017	Mar. 13	2039	427	121	499
Hollier, Walter J., New Orleans, La. Treating fibrous stalks.	824,243	June 26	3991	854	122	2761
Hollier, Walter J., New Orleans, La. Decorticating-machine.	824,244	June 26	3993	854-5	122	2762
Hollingshead, Edward H., and C. P. Jennings, Bradford, Pa. Pipe-cutter.	810,764	Jan. 23	4375	908	120	1078
Hollingsworth, George L., Silverton, Colo. Car-stop.	832,385	Oct. 2	737	144	124	1390
Hollingsworth, Isaac N., Kokomo, Ind. Belt-dressing compound.	831,898	Sept. 25	3976		124	1097
Hollingsworth, Edward, Dobercross, England, assignor to Crompton & Knowles Loom Works. Loom for wire fabrics or gauze.	811,847	Feb. 6	594	129	120	1610
Hollis, Henry L., Chicago, Ill. Filtering system.	808,924	Jan. 2	596	131	120	131
Hollis, Henry L., Chicago, Ill. Treating iron or steel objects.	827,802	Aug. 7	231	46	123	1728
Hollis, William H., Philadelphia, Pa. Score-box for card games.	834,301	Oct. 30	4843	1024	124	2572
Hollister, Elmer P., Jersey City, N. J. Road-cart.	818,963	Apr. 24	4818	1037	121	2574
Holliwell, Charles. (See Sutcliffe and Holliwell.)						
Holm, Gustav H., Fairfield, Conn. Drill-chuck.	829,153	Aug. 21	2963	619	123	2475
Hollopeter, Josiah, assignor of one-half to P. R. Giles, Elsmere, Nebr. Gate-fastener.	828,740	Aug. 14	2105	445	123	2224
Hollopeter, William H., Fostoria, Ohio. Transmission-gear.	822,453	June 5	424	87	122	1817
Holloran, Andrew, <i>et al.</i> (See Heupel, Frederick K., assignor.)						
Holloway, George, assignor to Elmore Manufacturing Company, Clyde, Ohio. Device for preventing back-firing in explosive-engines.	825,835	July 10	2381	496	123	628
Holloway, Henry C., Gilroy, assignor of one-half to W. De Hart, Watsonville, Cal. Internal-combustion engine.	809,614	Jan. 9	2040	424	120	480
Holloway, Willis L., and E. Browning, West Branch, Iowa; said Holloway assignor to said Browning. Sled.	823,684	June 19	2938	621	122	2476
Hollowell, John A., Memphis, Tenn. Candy-forming machine.	817,563	Apr. 10	2024	426-7	121	1857
Holly, Edgar P., Boston, assignor of one-half to W. W. Castle, East Weymouth, Mass. Liquid-impelling device.	825,652	July 10	2027	423	123	541
Holly, Forrest C., Yazoo City, Miss. Collapsible tube.	814,605	Mar. 6	1207	252	121	261
Hollyday, Virginia M., Baltimore, Md. Attachment for chairs.	810,277	Jan. 16	3379	699	120	821
Holm, Carl L., assignor to Nya Aktiebolaget Radiator, Stockholm, Sweden. Box-bearing for fast-rotating shafts.	826,507	July 17	3710	768	123	975
Holm, Jens C., Cape Scott, British Columbia, Canada. Extension-table.	835,790	Nov. 13	1793	380	125	497
Holm, John, New York, N. Y. Fire-extinguishing apparatus.	822,842	June 5	1210	249-50	122	1992
Holm, Lars N., Bryant, S. D. Band-cutter and feeder.	813,000	Feb. 20	2953	650-1	120	2218
Holman, Adolph. (See Wares and Holman.)						
Holman, Arthur E. (See Preacher, Geoffrey L., assignor.)						
Holman, John W., <i>et al.</i> (See Miller, Ernest H., assignor.)						
Holman, John W. (See Miller and Rote, assignors.)						
Holman, Joseph P., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Folding vehicle.	826,662	July 24	4043	838	123	1074
Holman, Jurney H., Unionville, Mo. Wrench.	837,225	Nov. 27	4653	988	125	1281
Holman, Robert C., Hamilton, Ohio. Engine-valve.	810,055	June 16	2927	609	120	728
Holman, William L., San Francisco, Cal. Braking apparatus.	819,277	May 1	496	104	122	115
Holmberg, Per, assignor of one-half to M. Levy, New Orleans, La. Butter-cutter.	827,634	July 31	6103	1267	123	1602
Holmen, Axlé R., Columbus, Ohio. Apparatus for softening water.	819,885	May 8	1699	364	122	444
Holmer, Lars, Limhamn, Sweden. Support for sliding doors.	808,749	Jan. 2	256	55	120	59
Holmes, Alexander, Eureka, Cal. Window-shade and roller adjustment.	815,294	Mar. 13	2589	545	121	624
Holmes, Alfred, Vancouver, British Columbia, Canada. Plaiting apparatus.	836,322	Nov. 20	2830	601	125	801
Holmes, Britain. (See Holmes and Beugler.)						
Holmes, Britain, and E. F. Beugler, assignors to E. & B. Holmes Machinery Company, Buffalo, N. Y. Barrel-heater.	821,591	May 22	5215	1113	122	1336
Holmes, Carleton K., Chicago, Ill. Sash-fastener.	827,370	July 31	5472	1136	123	1444
Holmes, Charles M. (See Ware and Holmes.)						
Holmes, Edward and B., and E. F. Beugler, Buffalo, N. Y. Machine for driving barrel-hoops.	821,362	May 22	4775	1015-17	122	1243
Holmes, Edward C., Ludlow, Ky. Curtain for vestibule-cars.	820,195	May 8	2386	519	122	594
Holmes, Edward L., Seattle, Wash. Linotype-machine.	827,238	July 31	5220	1084	123	1384
Holmes, Frank T., Brooklyn, assignor of one-half to Huntley Manufacturing Company, Silvercreek, N. Y. Coffee-roasting machine.	812,268	Feb. 13	1540	335-6	120	1877
Holmes, Fred A. (See Leighton and Holmes.)						
Holmes, Fred A., Eastport, Me. Ice-cream freezer.	816,092	Mar. 27	4291	909	121	1093
Holmes, Fred A., Eastport, Me. Display-rack.	829,527	Aug. 28	3768	799	123	2719
Holmes, Garnet B., and A. D. Allen, Wellington, New Zealand. Trolley-head for electrical tramway systems.	837,836	Dec. 4	1099	245	125	1626
Holmes, George A., Newton, Mass. Fastener.	834,808	Oct. 30	5845	1240	124	2825
Holmes, George W., Greenfield, Ill. Wire-stretcher.	818,379	Apr. 17	3649	783	121	2265
Holmes, Gustav E., A. G. and J. M. Bostrom, Milwaukee, Wis. Convertible sofa-bed.	818,089	Apr. 17	3064	661	121	2141
Holmes, Henry J., Westfield, N. J. Flushing attachment for sinks.	831,722	Sept. 25	3690	772	124	1028
Holmes, Howard B., Park Ridge, and E. B. Craft, assignors to Western Electric Company, Chicago, Ill. Spring-jack for telephone-switchboards.	833,390	Oct. 16	2785	587-8	124	1982
Holmes, Lyman S., Schoharie, N. Y. Fruit picker and gatherer.	838,116	Dec. 11	1683	362	125	1817
Holmes Machinery Company, E. & B. (See Holmes and Beugler, assignors.)						
Holmes, Merton A., Newton, and G. W. Allen, East Bridgewater, Mass., assignors to Charles Holmes Machine Company, Portland, Me. Machine for scarfing leather.	820,975	May 22	4003	850-1	122	1071
Holmes, Phineas, National Soldiers Home, Tenn. Railway-tie.	814,701	Mar. 13	1425	296	121	371

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dis.	Vol.	Page.
Holmes, Phineas, National Soldiers Home, Tenn. Railway construction	821,592	May 22	5217	1114	122	1336
Holmes, Susan M. P., administratrix. (See Parrish, Frances E.)						
Holmes, Thomas E., assignor of one-half to Davy Brothers Limited, Sheffield, England. Steam hydraulic intensifier	813,209	Feb. 20	3374	743-4	120	2309
Holmes, Thorwald, Chicago, Ill. Conveyor for restaurants	823,470	June 12	2480	524	122	2315
Holmes, Walter G., New York, N. Y. Juvenile savings-bank	831,436	Sept. 18	3077	652	124	828
Holmes, Watson M., Hoosick Falls, N. Y., assignor to Planters Compress Company, Boston, Mass. Apparatus for compressing cotton	825,653	July 10	2029	424	123	542
Holmes, William E., Lake Fork, Ill. Pump connection for windmills	837,405	Dec. 4	257	64	125	1420
Holmes, Willis P. (See Hodge, Leonard M., assignor.)						
Holmgren, David. (See Holton and Holmgren.)						
Holmgren, Per F., New York, N. Y. Turbine-engine	811,639	Feb. 6	210	45	120	1530
Holmgren, Peter O., Hoffman, Minn. Animal-poke	836,039	Nov. 13	2221	475	125	597
Holmok, Charles, Cleveland, assignor, by mesne assignments, to Allright Manufacturing Company, Olmstead Falls, Ohio. Acetylene mantle-burner	828,028	Aug. 7	687	141	123	1840
Holmquist, August, assignor of one-half to E. Perkins, Bridgewater, Mass. Horse-hoof level-gage	832,060	Oct. 2	63	15	124	1228
Holms, James, Jr., Waimahaka, New Zealand. End for the spreaders of draft-chains and the like	814,291	Mar. 6	563	119	121	121
Holoch, George. (See Miller, John C., assignor.)						
Holoubek, Frank J., Oakland, Iowa. Music-leaf turner	810,943	Jan. 30	4772	993	120	1196
Holpier, Marcus, Coraopolis, and T. Geese, Allegheny, Pa. Wrench	839,762	Dec. 25	4945	1056	125	2705
Holpier, Markus, Coraopolis, Pa. Switch	833,524	Oct. 16	3062	649-50	124	2045
Holritz, Edward A., assignor of one-half to J. C. Bramwell, St. Paul, Minn. Copy-holder for type-writers	821,099	May 22	4256	905	122	1126
Holsberg, Dean A., assignor of one-half to F. Cheek, San Jose, Cal. Street and station indicator	813,895	Feb. 27	4742	1048	120	2665
Holsboer, Willem J., Lübeck, Germany. Box or tin for preserving vegetables	825,729	July 10	2182	456	123	578
Holstein, Edward F. (See Alexander and Holstein.)						
Holstein, Adolph M., Syracuse, N. Y. Making patterns for metal castings	814,209	Mar. 6	398	80-1	121	87
Holstein, P. A., et al. (See Terrell, Elah, assignor.)						
Holstein, Theodor H., Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y. Safe, vault, &c.	823,334	June 12	2241	467-8	122	2265
Holstein, William, Chicago, Ill. Independent steam-heat radiator	808,925	Jan. 2	600	131	120	132
Holston, William H., New York, N. Y. Paper-clip for hats	818,880	Apr. 17	3651	784	121	2266
Holt, Alfred, California, Pa. Gage	815,829	Mar. 20	3751	788	121	923
Holt, Benjamin, Stockton, Cal. Wheel	815,295	Mar. 13	2591	545	121	624
Holt, Benjamin, Stockton, Cal. Hauling-truck	829,585	Aug. 28	3881	823	123	2747
Holt, Charles H., Brockton, Mass. Shoe-rack tag	813,001	Feb. 20	2957	651	120	2220
Holt, Everett D., Morristown, N. J. Copy-holder	835,429	Nov. 6	1123	242	125	282
Holt, F. E., et al. (See Dieterich, Albert E., assignor.)						
Holt, Frank A., Holyoke, Mass. Means for holding spools and sewing-machine bobbins	809,303	Jan. 9	1392	283	120	341
Holt, Frank E., Vancouver, Canada. Dust-guard	827,728	Aug. 7	67	13	123	1687
Holt, Gardner L., Hartford, Conn.awl	829,154	Aug. 21	2964	620	123	2475
Holt, George, Spicer, Minn. Oar-lock	813,896	Feb. 27	4744	1048	120	2665
Holt, Harold E. S., Farnborough, England. Appliance for tracing courses on charts	830,718	Sept. 11	1695	348-9	124	458
Holt, Henry S. A., assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making indigo coloring-matter	820,869	May 15	3729		122	949
Holt, Henry S. A., and K. Reinking, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Printing indigo coloring-matter	826,428	July 17	3499		123	916
Holt, James D., Carnegie, Pa. Reel	816,328	Mar. 27	4773	1011	121	1195
Holt, John. (See Brooks and Holt.)						
Holt, Robert C. (See Stafford and Holt.)						
Holt, Seth M., Grays, Ky. Buckle	817,065	Apr. 3	1025	211	121	1585
Holt, Thomas C., assignor of one-half to T. Dunn, Minneapolis, Minn. Concrete-block machine	821,642	May 29	5332	1135-6	122	1419
Holt, Thomas S., Federalburg, Md. Acetylene-gas burner	833,600	Oct. 16	3220	685-6	124	2084
Holtmann, Henry F., Indianapolis, Ind. Sandpapering-machine	824,482	June 26	4472	948	122	2862
Holton, Abner L., assignor of one-half to M. L. T. Davis, Norfolk, Va. Packing apparatus	831,437	Sept. 18	3078	652-3	124	829
Holton, Frederick J., and D. Holmgren, Brigham, Utah. Wrench	831,555	Sept. 25	3326	698	124	928
Holton, Howard, Amsterdam, N. Y. Berry-seed separator	818,445	Apr. 24	3776	812	121	2349
Holton, John A., Winsor, Minn. Wrench	830,999	Sept. 11	2195	464	124	581
Holtum, Andrew, Clinton, Wis. Printing device	823,783	June 19	3120	661	122	2515
Holtzhausen, Franz, Nossen, Germany. Decorticator	812,041	Feb. 6	1023	223	120	1696
Holub, Charles J., Chicago, Ill. Adjustable stovepipe-joint	839,148	Dec. 25	3703	799	125	2404
Holub-Dusha Company. (See Holub, Louis W., assignor.)						
Holub, Louis W., New York, N. Y. Grinding-machine	816,550	Mar. 27	5230	1109	121	1295
Holub, Louis W., assignor to Holub-Dusha Company, New York, N. Y. Chuck for holding pearl buttons, &c.	827,309	July 31	5354	1112	123	1415
Holway, Alvah W., assignor to Sawyer Crystal Blue Company, Boston, Mass. Bluing-package	836,382	Nov. 20	2946	624	125	826
Holz, Charles G., New London, Wis. Stick-pocket	838,714	Dec. 18	2854	614	125	2148
Holz, Otto, Schenectady, N. Y., assignor to General Electric Company. Electric measuring instrument	838,410	Dec. 11	2270	491	125	1960
Holzbeierlein, Michael. (See Scheuch, George L., assignor.)						
Holzer, Hans, Frankfurt-on-the-Main, Germany. Turning switch with lighted handle for electric lines	810,536	Jan. 23	3956	814	120	985
Holzer, Wilhelm, Nieder-Ramstadt, near Darmstadt, Germany. Centrifugal separator	832,191	Oct. 2	347	64	124	1297
Holzinger, William M., et al. (See Bollenbach, Friedrich, assignor.)						
Holzman, Michael, et al. (See Darley, John W., Jr., assignor.)						
Holzmark, Albert J. (See Lee, Charles A., assignor.)						
Holzweissig, Ernst, Nachf, Firm of. (See Hensch, Gustav, assignor.)						
Homan, William C., and F. T. Williams, assignors to Edward Miller & Company, Meriden, Conn. Gas-burner	811,399	Jan. 30	5646	1181	120	1385
Homans, Thomas S., Brooklyn, N. Y. Drawing-table	832,909	Oct. 9	1804	373	124	1686
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	814,542	Mar. 6	1090	226	121	237
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	825,054	July 3	732	153-4	123	196
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	829,868	Aug. 28	4470	944	123	2890
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	830,436	Sept. 4	1087	227-8	124	269

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	837,226	Nov. 27	4655	989	125	1282
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	837,837	Dec. 4	1100	245	125	1627
Homburger, Herman E. (See Barr, Andrew J., assignor.)						
Homburger, Herman E. (See Robbins, Edward P., assignor.)						
Home Carbide Gas Company. (See Higgs and Hoyoss, assignors.)						
Home Metallic Refrigerator Company, (See De Vaux, Louis, assignor.)						
Homer, Henry H., <i>et al.</i> (See Warfel, Henry C., assignor.)						
Homier, John, assignor of one-half to M. Fate, Tiffin, Ohio. Washing-machine.....	838,331	Dec. 11	2117	457	125	1924
Homire, Leverett W., Louisville, Ky., assignor to H. Terstegge, New Albany, Ind. Mail-box.....	833,879	Oct. 23	3810	809	124	2273
Homme, Halvor G., Granite Falls, Minn. Mail-box.....	830,231	Sept. 4	670	134	124	169
Homolka, Benno, Frankfurt-on-the-Main, and J. Erber, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Compound of organic colors with fatty acids and making same.....	839,590	Dec. 25	4584	.....	125	2616
Hon, Stanislaus J., South Bend, Ind. Artificial fuel and making same.....	820,196	May 8	2388	.....	122	594
Honan, John J. (See Colbert and Honan.)						
Hone, George J., Essex, assignor of one-half to Thames Ironworks, Shipbuilding & Engineering Company, Limited, London, England. Grab.....	827,635	July 31	6104	1268	123	1602
Honecker, A. B. (See Bouhall, Herman J., assignor.)						
Honecker, Carl V., and O. W. Klipple, Brookville, Ind. Window-lock.....	814,702	Mar. 13	1426	297	121	371
Honeywell, William R., Toronto, Canada. Hot-air engine.....	820,495	May 15	2982	644	122	785
Honiss, William H., Hartford, Conn. Hermetic-closure gasket and its manufacture.....	826,104	July 17	2901	603	123	772
Honiss, William H., Hartford, Conn. Hermetic closure for receptacles.....	826,105	July 17	2903	603	123	772
Honnauer, John. (See Klug and Honnauer.)						
Honstain, George T. (See Cooley, Fred W., assignor.)						
Hood, Arthur N., Boston, Mass. Machine for cutting out rubber soles or similar articles.....	835,430	Nov. 6	1125	242-3	125	283
Hood, Edwin A., and F. L. Fuller, Pierre, S. D. Building-wall and block for same.....	828,818	Aug. 14	2244	478	123	2259
Hood, Frank C., assignor to J. D. Allen, Philadelphia, Pa. Secondary-battery plate.....	837,567	Dec. 4	567	132	125	1496
Hood, Frederic C., Brookline, Mass. Machine for washing rubber.....	821,716	May 29	5495	1170-1	122	1454
Hood, Frederic C., Brookline, Mass. Purifying rubber.....	821,717	May 29	5497	1171-2	122	1455
Hood, James H., Springfield, Ill. Composite structure.....	814,134	Mar. 6	264	53	121	58
Hood, John H., Philadelphia, Pa. Carpet-sewing machine.....	838,332	Dec. 11	2118	457-9	125	1925
Hood, Ralph O., Danvers, assignor of one-half to W. D. King, Peabody, Mass. Contact device for induction apparatus.....	809,262	Jan. 2	1305	266	120	287
Hood, Ralph O., Danvers, assignor of one-half to W. D. King, Peabody, Mass. Spark-plug.....	838,994	Dec. 18	3346	724	125	2264
Hood, Walter S., Wilkinsburg, Pa. Trellis.....	834,672	Oct. 30	5564	1180	124	2755
Hood, William S., Memphis, Tenn. Window-screen.....	824,693	June 26	4891	1040	122	2952
Hoofnagle, William T., Whitestone, N. Y. Making clear ice.....	828,887	Aug. 21	2398	510-11	123	2328
Hoofnagle, William T., Whitestone, N. Y. Vacuum ice-machine.....	828,888	Aug. 21	2402	511	123	2328
Hooker, Leslie E., <i>et al.</i> (See Lee, George W., assignor.)						
Hooker, Thomas, Syracuse, N. Y. Mechanical speed-indicator.....	821,804	May 29	5667	1208	122	1494
Hooker, William C., Abingdon, Ill. Animal-trap.....	821,802	May 29	5664	1207	122	1494
Hooker, William C., Abingdon, Ill. Animal-trap.....	829,338	Aug. 21	3338	703	123	2567
Hooker, Charles H., Pittsburg, Pa. Curtain-pole.....	833,525	Oct. 16	3064	650	124	2046
Hooley, James E., Littlefalls, N. Y. Cross-head and cross-head guide.....	812,745	Feb. 13	2449	537	120	2063
Hoopengardner, Ota V., Ossian, Ind. Hook and eye.....	827,636	Feb. 13	6106	1268	123	1603
Hooper, Charles S., Erie, Pa. Supporting-lug for boilers.....	812,492	July 13	1958	431	120	1965
Hooper, Geo. J., <i>et al.</i> (See Smith, Harry F., assignor.)						
Hooper, James K., Pittsburg, Pa. Apparatus for producing images of objects.....	815,170	Mar. 13	2349	491-2	121	568
Hooper, John C., <i>et al.</i> (See Morgan, John J., assignor.)						
Hooper, Joseph C., San Francisco, Cal. Metallic reinforce for harness-collars.....	816,660	Apr. 3	236	55	121	1412
Hooper, Joseph C., Niagara Falls, N. Y. Curtain-pole and shade bracket.....	832,061	Oct. 2	65	15	124	1228
Hooper, Mary P. C., New York, N. Y. Loom.....	829,474	Aug. 28	3650	771	123	2691
Hooper, Walter C., and P. Zucco, Baltimore, Md. Tubular concrete-metal construction.....	822,047	May 29	6126	1304	122	1597
Hooper, William H., San Francisco, Cal. Carbureter.....	832,547	Oct. 2	1051	211	124	1466
Hooper, William J. (See Scheele, Walter T., assignor.)						
Hoopes, Dawson, Philadelphia, Pa. Cross-tie for railways.....	824,928	July 3	504	100	123	134
Hoopes, Macmillan, Philadelphia, Pa. Oil-furnace for automatically heating metal blanks.....	825,537	July 10	1755	369-70	123	470
Hoopes, William W., Philadelphia, Pa. Suspender-end.....	813,296	Feb. 20	3541	780	120	2345
Hoops, Thomas, Jr., assignor to Wilcox, Crittenden and Company Incorporated, Middletown, Conn. Whistle.....	838,187	Dec. 11	1837	394	125	1857
Hoosier Jack and Combination Tool Company. (See Runner, John B., assignor.)						
Hoots, David F. (See Johnson, Dennis L., assignor.)						
Hooven, George W., Englewood, N. J. Cattle-food and making the same.....	836,765	Nov. 27	3728	.....	125	1053
Hoover, Arthur L., Avery, Ohio. Colter attachment for potato-diggers.....	831,346	Sept. 18	2915	618	124	788
Hoover, Charles E. (See Lundin, Martin, assignor.)						
Hoover, Edward L., Maximo, Ohio. Collar.....	827,637	July 31	6107	1269	123	1603
Hoover, Frank K. (See Mason, Arthur J., assignor.)						
Hoover, Frank K., and A. J. Mason, Chicago, Ill. Apparatus for chilling cinder or slag.....	810,864	Jan. 23	4572	951	120	1119
Hoover, Frank K., and A. J. Mason, Chicago, Ill. Chilling cinder or slag.....	810,865	Jan. 23	4574	952	120	1120
Hoover, Frank K., and A. J. Mason, Chicago, Ill. Coal-pocket.....	816,797	Apr. 3	479	107	121	1462
Hoover, Harvey. (See Austin, James D. and E. N., assignors.)						
Hoover, Henry H., Fort Smith, Ark. Chair.....	809,061	Jan. 2	863	183	120	191
Hoover, Loren, Narka, Kans. Apparatus for breaking animals.....	825,970	July 17	2625	545	123	702
Hoover, Peter. (See Settino and Hoover.)						
Hope, John, Jr., Providence, R. I. Lock and latch.....	833,459	Oct. 16	2937	623-4	124	2016
Hope, Richard B., London, England. Device for supporting or holding in position articles of dress, such as skirts and blouses.....	834,728	Oct. 30	5668	1203	124	2782
Hope, Walter R., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Machine for making tubes from pulp, paper, or similar material.....	813,701	Feb. 27	4356	959	120	2581
Hope, Walter R., and G. A. Robinson, assignors of one-third to C. Fehrenbach, Wilmington, Del. Match-making machine.....	814,210	Mar. 6	402	81-4	121	87
Hope, William H., Providence, R. I. Door lock and latch.....	817,713	Apr. 10	2271	489	121	1910
Hopterwieser, Stefan, Amstetten, Austria-Hungary. Wood-shaping machine.....	835,242	Nov. 6	739	154	125	187
Höpfinger, Wilhelm, and E. Sachs, Schweinfurt, Germany. Ball-bearing.....	819,656	May 1	1216	266	122	273
Hopkins & Allen Arms Co. (See Murphy, John J., assignor.)						
Hopkins, Alton, Denver, Colo. Adjustable electrolier.....	815,830	Mar. 20	3752	789	121	923
Hopkins, Alton, Denver, Colo. Adjustable electrolier.....	829,809	Aug. 28	4473	944	123	2891
Hopkins, Archibald E. (See Fellows and Hopkins.)						
Hopkins, Charles L., Allemands, La. Floor-set.....	822,126	May 29	6274	1336	122	1632
Hopkins, Charles L., Albany, N. Y., assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture.....	810,278	Jan. 16	3380	700	120	821

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Page.
Hopkins, Charles L., Albany, N. Y., assignor to Curtain Supply Company, Newark, N. J. Shade-fixture.	810,279	Jan. 16	3383	700	120	821
Hopkins, Charles L., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J., and Chicago, Ill. Curtain-fixture.	824,929	July 3	506	100	123	135
Hopkins, Charles L., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J., and Chicago, Ill. Curtain-fixture.	824,930	July 3	508	100	123	136
Hopkins, George H., Chicago, Ill. Railway-car.	827,446	July 31	5661	1173-4	123	1490
Hopkins, George W., and A. B. Canfield, Guthrie, Okla. Ter.; said Canfield assignor to said Hopkins. Bin.	824,297	June 26	4082	873	122	2780
Hopkins, Harvey L., Chicago, Ill., assignor to Hopkins Patent Company. Mower and harvester.	828,404	Aug. 14	1428	302	123	2050
Hopkins, Heber A., West Roxbury, Mass. Garment-fastener.	810,537	Jan. 23	3957	814	120	985
Hopkins, Heber A., West Roxbury, Mass., assignor to English & Mersick Company, New Haven, Conn. Curtain-fastener.	838,995	Dec. 18	3348	725	125	2265
Hopkins, J. S., et al. (See Smith, Harry F., assignor.)						
Hopkins, James L. (See Keene, Arthur R., assignor.)						
Hopkins, James M. (See Stimson, Oscar M., assignor.)						
Hopkins, James M., Chicago, Ill. Car-truck.	809,505	Jan. 9	1822	375	120	435
Hopkins, James M., Chicago, Ill. Railway-car truck.	811,062	Jan. 30	4979	1039	120	1242
Hopkins, James M., Chicago, Ill. Railway-car truck.	813,797	Feb. 27	4538	1003	120	2620
Hopkins, Louis J., Torrington, Conn. Pad-holder.	809,615	Jan. 9	2042	424	120	480
Hopkins Patent Company. (See Hopkins, Harvey L., assignor.)						
Hopkins Patent Company. (See Pope, Charles H., assignor.)						
Hopkins, Timothy E. (See Gardner, Louis A., assignor.)						
Hopkinson, John E., West Drayton, England. Elastic tire.	810,944	Jan. 30	4774	993	120	1197
Hopkinson, Joseph, assignor to Computing Scale Company, Dayton, Ohio. Computing-scale.	816,093	Mar. 27	4292	909	121	1093
Hopkinson, Joseph, assignor to Computing Scale Company, Dayton, Ohio. Price-scale.	817,777	Apr. 17	2432	520	121	2002
Hopler, Amos P., Bartley, N. J. Heater.	822,607	June 5	759	154	122	1895
Hopmann, Charles H., St. Louis, Mo. Metallic window.	830,323	Sept. 4	853	175-6	124	212
Hopper, Henry S., Detroit, Mich. Apparatus for the manufacture of toothpicks.	808,841	Jan. 2	423	93	120	94
Hopper, Henry S., Norfolk, Va. Toothpick and forming the same.	815,534	Mar. 20	3127	654	121	789
Hopper, John W., Holyoke, Mass. Composition.	829,155	Aug. 21	2965		123	2475
Hopper, Samuel E., Crafton, Pa. Combined boiler stand and coupling.	822,843	June 5	1213	250	122	1993
Hora, Manuel H. de, London, England. Vehicle-wheel.	836,578	Nov. 20	3321	708	125	917
Horan, J. J., et al. (See Zimmerman, Gus H., assignor.)						
Horadovsky, Joseph G., assignor of two-thirds to J. J. Koller, L. Herold, and V. Nusbaum, Cleveland, Ohio. Railway signaling system.	837,227	Nov. 27	4657	989	125	1282
Hord, John K., Silver City, Miss. Wrench.	831,162	Sept. 18	2547	537	124	695
Horel, Francis R. (See Hunter, William F., assignor.)						
Horgen, Charles J., New York, N. Y. Hoisting and conveying apparatus.	815,706	Mar. 20	3468	724	121	864
Horger, John M. and S. D. Newton, Tex. Roller-bearing.	827,638	July 31	6108	1269	123	1603
Horger, Simeon D. (See Horger, John M. and S. D.)						
Horne, Edmund E., Nicholasville, assignor of one-half to R. H. Welch, Lexington, Ky. Fiber-seatcher.	810,280	Jan. 16	3384	700-1	120	822
Horinko, Leonard, New York, N. Y. Picture-hanging device.	822,048	May 29	6127	1305	122	1597
Hornby, John, New York, N. Y. Gage for ivory-nut saws.	813,002	Feb. 20	2958	651-2	120	2220
Hornby, John, New York, N. Y. Ivory-nut-sawing machine.	826,785	July 24	4274	889	123	1134
Hornby, John, Woonsocket, R. I., assignor to Button Machinery Company, New York, N. Y. Gripping device or carrier for button-making machines.	816,094	Mar. 27	4293	909	121	1094
Hornby, John, assignor to Button Machinery Company, New York, N. Y. Vise.	824,360	June 26	4200	897	122	2806
Horn, Aaron C. (See Gross and Horn.)						
Horn, Charles, New York, N. Y. Reversible shears for cutting metals.	827,531	July 31	5894	1221	123	1547
Horn, Frederick. (See Johnson, Charles J., assignor.)						
Horn, Heinrich, Görlitz, Germany. Apparatus for conveying materials.	835,526	Nov. 13	1295	278	125	371
Horn, James T. (See Russell, Isaac O., assignor.)						
Hornauer, Andreas W., Charlottenburg, Germany. Apparatus for observing the oscillations of light-beams.	815,831	Mar. 20	3755	789	121	924
Hornby, Frank, Liverpool, England. Toy or educational device.	810,148	Jan. 16	3099	640	120	762
Horne, Arthur M., Quincy, Fla. Cheese-cutter.	827,018	July 24	4715	983-4	123	1241
Horne, James. (See Dawson and Horne.)						
Horne, John W., Washington, D. C. Doll-head.	834,981	Nov. 6	199	43-4	125	52
Horne, Joseph A., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Trunk-lock.	810,147	Jan. 16	3098	640	120	762
Horne, Thomas H. (See Taylor, Alfred, assignor.)						
Horne, William M., Trenton, S. C. Subsoil-plow and attachments.	838,411	Dec. 11	2273	491	125	1961
Horne, William T., Hillsboro, Tex. Cow, calf, and colt weaner.	812,342	Feb. 13	1673	368	120	1907
Hornecker, George M., and C. Blankenheim, Whiting, Ind. Bicycle.	836,040	Nov. 13	2222	476	125	598
Horner, Jacob W., Columbus, Ind. Hypodermic syringe.	814,543	Mar. 6	1092	226	121	237
Horner, William A. (See Horner and Landis, assignors.)						
Horner, William C., assignor to C. P. McDougall, Indianapolis, Ind. Tilting bin and cover.	812,343	Feb. 13	1674	368	120	1907
Horner, William C., assignor to C. P. McDougall, Indianapolis, Ind. Sliding bin.	823,784	June 19	3121	661	122	2515
Horner, William C., assignor to C. P. McDougall, Indianapolis, Ind. Kitchen-cabinet.	824,864	July 3	371	70	123	101
Horner, William C., assignor to C. P. McDougall, Indianapolis, Ind. Kitchen-cabinet.	824,865	July 3	372	71	123	102
Horner, William H., Mount Vernon, N. Y. Ice-box.	829,011	Aug. 21	2633	555-6	123	2387
Horner, William L. (See Moltrup and Horner.)						
Horner, William M., and B. F. Landis, Columbus, assignors of one-third to W. A. Horner, Steubenville, Ohio. Rail-joint.	810,208	Jan. 16	3228	668	120	788
Horney, James W. (See Anderson and Horney.)						
Hornickel, George H. (See Stouffer and Tidrick, assignors.)						
Hornidge, Samuel B., Brooklyn, N. Y. Apparatus for treating feathers.	838,412	Dec. 11	2274	492	125	1961
Horning, John. (See Gray and Horning.)						
Horning, Walter R., assignor to Williams Telephone & Supply Company, Cleveland, Ohio. Annunciator.	811,063	Jan. 30	4980	1039	120	1242
Horning, William. (See Schmitz, Horning, and Cox.)						
Hornish, Harry C., assignor of one-half to W. W. Robbins, Los Angeles, Cal. Hydrocarbon-burner.	831,347	Sept. 18	2916	619	124	788
Hornor, Levi, Wichita, Kans. Storm-top for vehicles.	827,867	Aug. 7	346	73-4	123	1756
Hornquist, Frank, Johnsonburg, Pa. Sowing-machine.	825,836	July 10	2383	496	123	628
Hornsby, Harry H., Chicago, Ill. Distributing-box.	833,327	Oct. 16	2647	556-7	124	1947
Hornsby, Henry T., and T. R. Weston, assignors to United Iron Works Company, Springfield, Mo. Brake-shoe.	820,115	May 8	2235	486	122	561
Hornsey, Thomas, London, England. Fire-escape and the like.	829,211	Aug. 21	3083	648	123	2505
Hornwall, Joseph G., et al. (See Olson, Andrew, assignor.)						
Horowitz, Joseph, Paris, France. Automatic igniting and extinguishing appliance for gas-burners.	837,838	Dec. 4	1102	246	125	1628

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dir.	Vol.	Page.
Horr, Stephen, Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Milling-tool.	821,290	May 22	4615	984-5	122	1205
Horr, Stephen, Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Ruling device for type-writing machines.	829,108	Aug. 21	2852	598	123	2447
Horrall, William A., assignor of three-fourths to T. H. Peabody, W. F. Carroll, and J. M. Harman, Colorado Springs, Colo. Mail-bag catcher and deliverer.	831,438	Sept. 18	3084	653	124	830
Horrell, Charles, Madison, Ill. Metallic tie.	821,166	May 22	4381	932	122	1154
Horry, Temple S., Greensboro, N. C. Boiler-feeder.	826,786	July 24	4275	889	123	1135
Horsfall, Arthur E., Halifax, England. Apparatus for ascertaining errors in the alignment of shafting and for like purposes.	813,003	Feb. 20	2960	652	120	2220
Horsfield, Eliza E. (See Horsfield, John, assignor.)						
Horsfield, John, Traverse City, Mich., assignor to E. E. Horsfield, Chicago, Ill. Window-ventilator.	837,302	Dec. 4	54	15	125	1367
Horsky, Edward. (See Aker, Anton, assignor.)						
Horsley, Robert L., assignor to Worth Wire Works, Fort Worth, Tex. Fence-stay.	820,870	May 15	3730	795	122	949
Horst, Carl. (See Abts, Mathias W., assignor.)						
Horst, George C., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyer.	810,149	Jan. 16	3100	640	120	762
Horst, Samuel W., Palmira, assignor of one-half to S. S. Staples, White Haven, Pa. Weather-strip.	834,523	Oct. 30	5261	1118	124	2678
Horstman, Theodore. (See Ross and Horstman.)						
Horto Electric Company. (See Moon, Sampson W., assignor.)						
Horton, Edwin H., Pontiac, Mich. Rafter-gage.	809,686	Jan. 9	2185	452	120	512
Horton, Emmet, Elmira, N. Y. Basket-making machine.	835,135	Nov. 6	526	106-9	125	135
Horton, George R., San Diego, Cal., assignor of one-half to E. L. Nicholson, Seattle, Wash. Endless propeller for boats.	813,648	Feb. 27	4254	934-5	120	2559
Horton, H. N., et al. (See Cummings, James N., assignor.)						
Horton, James. (See Randerson, William T., assignor.)						
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Wire-drawing machine.	824,654	June 26	4805	1024-5	122	2935
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Wire-drawing machine.	824,655	June 26	4810	1025-6	122	2936
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Machine for forming wire-drawing dies.	824,866	July 3	372	71	123	102
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Wire-drawing machine.	827,019	July 24	4719	984	123	1242
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Wire-drawing machine.	827,371	July 31	5473	1137-8	123	1444
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Wire-drawing drum. (Reissue.)	12,525	Aug. 28	4669	979	123	2942
Horton, James A., Providence, R. I., assignor to Iroquois Machine Company, New York, N. Y. Wire-drawing drum.	831,869	Sept. 25	3977	831	124	1097
Horton, James A., Brooklyn, assignor to Iroquois Machine Company, New York, N. Y. Swaging-machine.	835,729	Nov. 13	1670	355	125	465
Horton, John R., assignor of one-third to E. L. Pence, Memphis, Tenn. Railway cattle-guard.	826,663	July 24	4044	838	123	1075
Horton, John T., New York, N. Y. Safety mechanism for hoists and the like.	817,916	Apr. 17	2730	592	121	2069
Horton, Leonard W., assignor to Rhode Island Electromobile Company, Providence, R. I. Separator for secondary-battery plates.	825,837	July 10	2384	497	123	629
Horton Manufacturing Company. (See Tredwell, Charles A., assignor.)						
Horton, Mary C., Woonsocket, R. I. Safety-hook.	825,391	July 10	1418	296	123	387
Horton, Peter D. (See Rohlfing and Horton.)						
Horton, Philo B., Flint, Mich. Apparatus for keeping accounts.	836,383	Nov. 20	2947	624	125	826
Horton, Robert E., assignor to D. L. Mott, Utica, N. Y. Water-level-gaging instrument.	812,269	Feb. 13	1542	336	120	1877
Horwood, Edward H., Hoboken, N. J. Underwaist.	823,867	June 19	3274	694	122	2550
Hosack, Lee L. (See Geltz and Hosack.)						
Hoschke, William H., assignor of one-half to Pianova Company, New York, N. Y. Mechanical musical instrument.	822,666	June 5	869	178-9	122	1920
Hosker, Edward J. (See Inches and Hosker.)						
Hosker, Edward J. (See Inches and Hosker.) (Reissue.)						
Hoskin, John R. (See Harris and Hoskin.)						
Hoskin, William, and J. A. Noonan, Central City, Colo. Protector for pianos.	814,544	Mar. 6	1094	227	121	238
Hoskins Company. (See Marsh, Albert L., assignor.)						
Hoskins, William, Lagrange, Ill. Granulating aluminium.	812,493	Feb. 13	1959	431	120	1966
Hoskins, Zachary T., assignor of one-half to J. W. and M. D. McGrath, Brookhaven, Miss. Railway-track appliance.	829,528	Aug. 28	3770	800	123	2719
Hosley, Nelson D., assignor to Wilcox & White Company, Meriden, Conn. Automatic combination-piano.	816,726	Apr. 3	346	79-80	121	1437
Hosley, Nelson D., assignor to Wilcox & White Co., Meriden, Conn. Pedal attachment for pneumatically-operated instruments.	832,673	Oct. 9	1323	267	124	1571
Hosmer, Elwood B., and W. N. Dietrich, Montreal, Canada. Electrical safety device.	813,297	Feb. 20	3542	780-1	120	2345
Hosp, Jacob A., Jacksonville, Ill. Water-heating apparatus.	835,947	Nov. 13	2076	443	125	561
Hossege, George, New Castle, Pa. Pipe-hanger.	824,544	June 26	4592	976	122	2888
Hostetter, David B. (See Tolen and Hostetter.)						
Hostin, Richard F., Henry county, assignor of one-half to W. H. & J. F. Hurley, Clinton, Mo. Sad-iron.	828,851	Aug. 14	2312	492	123	2275
Hostler, James M. (See Clements and Hostler.)						
Hotaling, Irvin O., Crab Orchard, Nebr. Wheel for traction-engines.	810,487	Jan. 23	3855	792	120	963
Hotaling, Robert J., et al. (See McGhee, John W., assignor.)						
Hotchkiss, Cornelia B., Watertown, Conn. Lady's-hat hanger.	822,277	June 5	105	21	122	1751
Hotchkiss, F. P. (See Forker, William H., assignor.)						
Hotson, Frank A. (See Rochford and Hotson.)						
Hottinger, Friedrich. (See Soller and Hottinger.)						
Hottinger, Heinrich, Zurich, Switzerland. Tapping device.	822,608	June 5	761	154	122	1896
Hotman, John F., Dubuque, Iowa. Trammel.	815,095	Feb. 20	3142	688	120	2260
Houck, Charles C. (See Happ and Houck.)						
Hough, Albert G., High Point, N. C. Folding drawer-desk.	829,156	Aug. 21	2966	620	123	2475
Hough, Benjamin B., assignor of one-half to A. Forbes, Philadelphia, Pa. Printing-machine.	813,702	Feb. 27	4359	959-60	120	2582
Hough, Frank F., Seattle, Wash. Display device.	821,242	May 22	4521	962	122	1185
Hough, Hiram J., assignor to Fieberger Heating Company, Akron, Ohio. Stove or furnace.	814,703	Mar. 13	1427	297	121	372
Hough Pump Company. (See Gallagher, Thomas H., assignor.)						
Hough Pump Company. (See Hellstrom, John A., assignor.)						
Hough, Sidney V. (See Ivey and McDonald, assignors.)						
Houghtaling, Paul A., Riverton, assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture.	810,281	Jan. 16	3387	701	120	822
Houghton, Alexis C., Syracuse, N. Y. Benzoyl succinyl peroxid and making same.	821,291	May 22	4617		122	1205

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Houghton, Lewis T. (See Fairchild, Thomas H., assignor.)						
Houghton, Lewis T., Worcester, Mass. Jack-spool	827,911	Aug. 7	416	89	123	1774
Houghton, Lewis T., Worcester, assignor of one-half to C. F. Randall, Boston, Mass. Spinning-ring and holder	837,406	Dec. 4	258	64	125	1421
Houghton, Philip S., and R. H. Deyarmond, Grand Forks, N. D. Gang-plow	814,046	Mar. 6	92	17-18	121	21
Houghton, Stephen C., assignor to Wire and Telephone Company of America, Rome, N. Y. Desk-telephone	827,692	July 31	6239	1296	123	1639
Houghton, Stephen C., Syracuse, N. Y., assignor to Wire and Telephone Company of America. Telephone-receiver	837,469	Dec. 4	384	88	125	1451
Houghton, Stephen C., and F. M. Potter, Jr., Syracuse, N. Y., assignors to Wire and Telephone Company of America. Hand-telephone	837,470	Dec. 4	385	88	125	1452
Houghton, William, Bath, Me. Combined marking-peg and center-punch	824,867	July 3	376	71	123	103
Houlahan, Denis, assignor of one-half to J. O'Connor, Toronto, Canada. Street-car fender	817,320	Apr. 10	1530	321-2	121	1753
Houldsworth, William, Manchester, England. Roller-bearing	816,798	Apr. 3	480	107	121	1463
Houlihan, John A., Rochester, N. Y. Nail-extractor	830,072	Sept. 4	324	65	124	79
House, Benjamin F., Eureka, Ill. Drinking-fountain	821,493	May 22	5042	1073	122	1299
House, Charles, assignor to Corrugated Bottle Company, Oneida, N. Y. Tool for shaping bottle-necks	818,691	Apr. 24	4288	920	121	2458
House, David A. (See Appenzeller and House.)						
House, Everett T., Brooklyn, N. Y. Headed fastening device	816,095	Mar. 27	4295	910	121	1094
House, George V., Mount Vernon, N. Y. Truss	818,446	Apr. 24	3777	812	121	2349
House, Henry A., Bridgeport, Conn. Recoil-check for vehicles	810,282	Jan. 16	3389	701	120	823
House, Henry A., Bridgeport, Conn. Liquid-indicator	813,096	Feb. 20	3143	688	120	2261
House, Henry A., Bridgeport, Conn. Chain	816,096	Mar. 27	4296	910	121	1094
House, Henry A., Bridgeport, Conn. Air-pressure and vacuity indicator	817,778	Apr. 17	2435	521	121	2003
House, James N., assignor of two-thirds to G. E. Wallace and W. Sparks, Jackson, Mich. Miter-box	824,298	June 26	4083	873	122	2781
House, Warren D. (See Bradshaw, Harry, assignor.)						
Housel, Iola, Peru, Kans. Garment-supporter	833,928	Oct. 23	3925	832	124	2304
Houser, George E., Columbus, Kans. Door-stop	831,788	Sept. 25	3803	796	124	1056
Houser, John O., Pittsburg, Pa. Attachment for musical instruments	811,295	Jan. 30	5456	1137	120	1345
Housholder, Jacob, Big Chimney, and J. C. Galbreath, Charleston, W. Va. Car-coupling	820,871	May 15	3731	796	122	949
Houston, Annie L., administratrix. (See Houston, David H.)						
Houston, David H., deceased, Hunter, N. D.; A. L. Houston, administratrix. Indicating and warning attachment for grain-bins	828,655	Aug. 14	1927	404-5	123	2178
Houston, Frank P. (See Houston, Louis C., assignor.)						
Houston, Harry C. (See Varnedoe, Robert M., assignor.)						
Houston, Isaac W., H. C. Burns, and A. Van Voorhees, Marshall, Mich. Safety attachment for gages	809,110	Jan. 2	980	202	120	216
Houston, Leonard B., Mobile, Ala. Spring bed-bottom	823,600	June 19	2771	586-7	122	2438
Houston, Louis C., assignor of one-half to F. P. Houston, Parkersburg, W. Va. Car-wheel jack-stand	817,321	Apr. 10	1533	322	121	1754
Houston, Wiley E., Santa Ana, Cal. Motor-controller	812,791	Feb. 13	2539	558	120	2082
Houze, Leon J., Port Marion, Pa. Refractory wall for glass-tanks	811,223	Jan. 30	5315	1111	120	1314
Hovas, John, New York, N. Y. End-gate for dumping-wagons	830,073	Sept. 4	326	65	124	79
Hovas, John, New York, N. Y. Dumping-vehicle	836,188	Nov. 20	2554	537	125	730
Hovey, Alfred E. (See Tapley and Hovey.)						
Hovey, Alfred E., and J. E. Tapley, Cass Lake, Minn. Station-indicator	818,447	Apr. 24	3779	812	121	2349
Hovey, Charles C., Bainbridge, N. Y. Apparatus for sealing cans, jars, and other packages by atmospheric pressure	826,249	July 17	3162	656	123	832
Hovey, Elihu, and M. M. Black, Albion, Mich. Truss	818,888	Apr. 24	4679	1004	121	2542
Hovey, Frank W., Independence, Iowa. Manure-spreader	810,413	Jan. 23	3704	763	120	927
Hovis, Park S., assignor of one-half to J. A. Richey, Butler, Pa. Crutch	835,108	Nov. 6	475	96	125	123
Hovorka, Anton. (See Holden and Hovorka.)						
How, Benjamin V., Weston, assignor to Arbecam Nautical Instrument Co., Boston, Mass. Compass-indicating apparatus	810,866	Jan. 23	4576	953	120	1120
Howard, Aaron H., Saline, Mich. Headstone and grave-marker	809,616	Jan. 9	2042	424	120	480
Howard, Aaron H., Saline, Mich. Tombstone or monument	833,212	Oct. 16	2418	506	124	1888
Howard, Adolphus P. (See Patterson, John S., assignor.)						
Howard, Alfred. (See Blackmore and Howard.)						
Howard, Charles B., Heyburn, Idaho. Nose-bag	831,000	Sept. 11	2197	464	124	581
Howard, Charles E., Paterson, N. J. Mat-cutting board	823,685	June 19	2939	621	122	2476
Howard, Clara, Rice Lake, Wis. Soap-holder	816,860	Apr. 3	624	130	121	1497
Howard, Clarence H. (See Pfleger, Westlake, and Howard.)						
Howard, Clarence H., St. Louis, Mo. Locomotive-tender frame	811,561	Feb. 6	49	11	120	1495
Howard, Clarence H., St. Louis, Mo. Railway motor-car	813,427	Feb. 27	3823	837	120	2462
Howard, Clarence H., St. Louis, Mo. Locomotive-engine frame	818,448	Apr. 24	3782	813	121	2350
Howard, Clarence H., St. Louis, Mo. Railway-car	835,528	Nov. 13	1300	279	125	372
Howard, Clarence H., and H. M. Pfleger, St. Louis, Mo. Railway-car	835,527	Nov. 13	1298	278-9	125	372
Howard, Denis, Binghamton, N. Y. Receiver-hook for telephones	831,001	Sept. 11	2198	465	124	581
Howard, Donald B. (See Richardson, Robert L., assignor.)						
Howard, Edwin, et al. (See Tate, Hugh J., assignor.)						
Howard Electric Blasting Machine Company. (See Howard, James W., assignor.)						
Howard, Frederick M., Hamilton, Canada. Organ and piano	818,539	Apr. 24	3978	855	121	2390
Howard, Henry, Brookline, Mass. Steam-drying apparatus for motor-vehicles	818,625	Apr. 24	4162	895	121	2431
Howard, Henry, North Woburn, Mass. Preparing solutions of gases	836,500	Nov. 20	3173	672	125	882
Howard, Henry A., Sherburne, N. Y. Mill	809,687	Jan. 9	2188	452	120	513
Howard, Henry M. (See Merrill and Howard.)						
Howard, James, Millvale, assignor of one-half to J. I. Allshouse, Stanton, and N. N. Barkhouse, Baxter, Pa. Horseshoe	809,688	Jan. 9	2189	453	120	513
Howard, James H., Medford, Mass. Burglar-proof safe	819,430	May 1	801	172	122	180
Howard, James W., assignor to Howard Electric Blasting Machine Company, Connellsville, Pa. Electric-fuse-igniting apparatus	817,483	Apr. 10	1868	393	121	1826
Howard, John L., Jr. (See Osgood, Ernest J., assignor.)						
Howard, Kirk E., Chicago, Ill. Gas-meter	813,097	Feb. 20	3144	689	120	2261
Howard, Lemuel F., Edgewood, and P. B. Rice, Wilkinsburg, assignors to Union Switch and Signal Company, Swissvale, Pa. Inductive bond	825,538	July 10	1757	370	123	471
Howard, Leslie E. (See Miller and Howard.)						
Howard, Leslie E., La Grange, Ill., assignor to Simonds Manufacturing Company, Fitchburg, Mass. Apparatus for casting crucible steel	817,714	Apr. 10	2273	489-90	121	1911
Howard Miniature Lamp Company. (See Mortimer, Charles G., Jr., assignor.)						
Howard Miniature Lamp Company. (See Flass, Herbert E., assignor.)						
Howard, Nathan, Philomath, Oreg. Mechanical movement	836,579	Nov. 20	3323	708	125	917

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Howard, Norman, Yonkers, N. Y. Dulcet attachment for banjos.	821,494	May 22	5043	1074	122	1299
Howard, Oscar, assignor of one-half to R. Robertson, Wheeling, W. Va. Book and job chase.	812,425	Feb. 13	1835	403	120	1939
Howard, Thomas, Philpot, Ky. Cushion-tire.	827,020	July 24	4721	984	123	1242
Howard, Thomas, Philpot, Ky. Disk plow or harrow.	833,213	Oct. 16	2419	506	124	1888
Howard, Thomas J., Toronto, Ontario, Canada. Piano.	839,478	Dec. 25	4362	933	125	2562
Howarth, Ella, <i>et al.</i> (See Howarth and McKinlay, assignors.)						
Howarth, Fred A., Johnstown, and J. J. McKinlay, Amsterdam, assignors to said McKinlay, F. D. Oliver, L. K. Maylender, and E. Howarth, Johnstown, N. Y. Railway-switch.	812,205	Feb. 13	1400	304	120	1844
Howarth, Melvin L., assignor of one-half to G. L. Abbott, Norman, Okla. Ter. Gate.	820,787	May 15	3541	759	122	909
Howden, James H., Neepawa, Canada. Rotary engine.	818,964	Apr. 24	4821	1037	121	2574
Howe, Albert W., Passaic, N. J. Feeding mechanism.	833,460	Oct. 16	2939	624	124	2017
Howe, Ambrose W., Honolulu, Hawaii. Water-closet bowl.	826,335	July 17	3330	688	123	875
Howe, Charles E. (See Wilson and Howe.)						
Howe, Charles E., Wabash, Ind., B. F. Rix, Kalamazoo, Mich., and E. P. Holden, Chicago, Ill., assignors to Wabash Manufacturing Company, Wabash, Ind. Wheel and making the same.	818,175	Apr. 17	3252	697	121	2183
Howe, Charles F. (See Roberts, Henry P., assignor.)						
Howe, Charles J., <i>et al.</i> (See Sharts, Truman P., assignor.)						
Howe, Clarence H. (See Weddington, Robert L., assignor.)						
Howe and Davidson Company. (See Brown, Howard J., assignor.)						
Howe and Davidson Company. (See Davidson, Frank B., assignor.)						
Howe and Davidson Company. (See Davidson and Wesson, assignors.)						
Howe and Davidson Company. (See Howe and Davidson, assignors.)						
Howe and Davidson Company. (See Shotts, Harry P., assignor.)						
Howe, Edward A., New York, N. Y. Hat-frame-forming device.	829,920	Aug. 28	4587	966-7	123	2920
Howe, Frank F., Marietta, Ohio. Telephone-receiver support.	817,564	Apr. 10	2027	427	121	1858
Howe, Frank F., Marietta, Ohio. Telephone-receiver support.	831,348	Sept. 18	2918	619	124	788
Howe, Frank F., Cleveland, Ohio. Telephone attachment.	826,938	July 24	4569	951	123	1206
Howe, Harry C., F. La Bare, and J. M. Pierce, assignors to Owatonna Manufacturing Co., Owatonna, Minn. Disk drill.	837,839	Dec. 4	1104	246	125	1628
Howe, James H., St. Louis, Mo. Magazine display-easel.	813,428	Feb. 27	3824	837	120	2462
Howe, John, St. Joseph, Mo. Pneumatic bell-ringer.	811,400	Jan. 30	5647	1182	120	1385
Howe, John W., Spangle, Wash. Floor-scrubbing machine.	824,656	June 26	4813	1026	122	2936
Howe, Thomas B., Scranton, Pa. Apparatus for lifting and carrying loads.	839,479	Dec. 25	4363	933	125	2562
Howe, Thomas J. (See La Bare and Howe.)						
Howe, Warren B., Chicago, Ill., and F. B. Davidson, Brooklyn, N. Y., assignors to Howe and Davidson Company, East Orange, N. J. Carton.	825,539	July 10	1760	370-1	123	472
Howe, Winthrop K., Buffalo, N. Y. Railway switching and signaling apparatus.	821,495	May 22	5044	1074	122	1299
Howe, Winthrop K., Buffalo, N. Y. Railway switching and signaling apparatus.	832,192	Oct. 2	351	65	124	1297
Howe, Winthrop K., Buffalo, N. Y. Railway signaling apparatus.	832,194	Oct. 2	356	65	124	1298
Howe, Winthrop K., assignor to General Railway Signal Company, Buffalo, N. Y. Railway signaling apparatus.	832,193	Oct. 2	354	65	124	1298
Howe, Winthrop K., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Railway signaling apparatus.	832,195	Oct. 2	358	66	124	1299
Howell, Burle S., Hattiesburg, Miss. Device for securing overshoes to shoes.	831,349	Sept. 18	2920	619	124	789
Howell, Charles S., Easton, Pa. Railway-tie.	828,479	Aug. 14	1592	336	123	2093
Howell, George E. (See Edwards and Howell.)						
Howell, John, Houston, Ark. Railway-tie.	829,870	Aug. 28	4474	945	123	2891
Howell, Noah, assignor of one-half to J. H. Freeman, Baxter, Ark. Nut-lock.	824,078	June 19	3671	782	122	2634
Howes, Charles F., Cambridge, assignor to Electric Gas Lighting Company, Boston, Mass. Swiveling current-tap and lamp-socket.	827,310	July 31	5356	1112	123	1415
Howey, George R., Philadelphia, Pa. Non-refillable bottle.	824,018	June 19	3565	761	122	2611
Howg, Carl M., Effington, S. D. Combined carpenter's tool.	833,133	Oct. 9	2228	470	124	1794
Howie, J. R., <i>et al.</i> (See Williams, Orin, assignor.)						
Howison, John T., Philadelphia, Pa., assignor to Arithmograph Company. Calculating-machine.	838,996	Dec. 18	3349	725-6	125	2265
Howland, Edward C., New Milford, Conn. Cooking utensil.	824,119	June 26	3736	797	122	2706
Howland, Ephraim, Pontiac, Mich. Loading, conveying, and dumping device.	811,923	Feb. 6	779	170	120	1647
Howland, Matthew M., Providence, R. I. Wrench.	811,224	Jan. 30	5318	1111	120	1315
Howland, Matthew M., assignor of one-half to W. W. Dunnell, Providence, R. I. Pneumatic spring for vehicles.	811,296	Jan. 30	5458	1138	120	1345
Howser, Benjamin H., Mount Eden, Ky. Adjustable support.	812,344	Feb. 13	1675	369	120	1907
Howser, John H., Dawsonville, Ga. Sawmill.	835,356	Nov. 6	962	205-6	125	243
Howze, James A. (See Shipp, Frederic F., assignor.)						
Hoxie, Edmund, Everett, Mass. Pneumatic economizer and air-injector.	823,278	June 12	2141	447	122	2244
Hoxworth, Albert I. (See Harding and Hoxworth.)						
Hoxworth, Joseph, <i>et al.</i> (See Pierce, William H., assignor.)						
Hoy, Erma L., assignor of one-half to C. B. Davis, Le Roy, Iowa. Combined rule, try-square, and calipers.	827,239	July 31	5223	1085	123	1384
Hoy, J. A. F. (See Craft, Owen B., assignor.)						
Hoym, Dag, Brooklyn, N. Y. Automatic circuit-breaker.	820,496	May 15	2985	644-5	122	786
Hoyer, John H., Corliss, Wis. Packing for shafts and rotary-valve stems.	819,227	May 1	389	82	122	92
Hoyer, John H., Corliss, Wis. Piston-rod packing.	821,100	May 22	4257	906	122	1126
Hoyle, Joseph L., Letha, N. C. Churn-operating mechanism.	824,424	June 26	4356	927	122	2835
Hoyle, Wellington R., Ray, N. D., assignor of one-half to J. Dwan, Two Harbors, Minn. Railway appliance.	828,549	Aug. 14	1736	365	123	2129
Hoysos, Hoken. (See Higgs and Hoysos.)						
Hoysradt, Edwin, Mount Vernon, N. Y. Miter-box.	832,259	Oct. 2	492	92-3	124	1332
Hoyt, Adrian H., Penacook, N. H., assignor to Whitney Electrical Instrument Company. Electrical measuring instrument.	821,292	May 22	4618	985	122	1205
Hoyt, Daniel, assignor of one-half to National Lock Washer Company, Newark, N. J. Sash-lock.	829,715	Aug. 28	4154	879	123	2812
Hoyt, Daniel, assignor of one-half to National Lock Washer Company, Newark, N. J. Window-shade fixture.	834,577	Oct. 30	5365	1138-9	124	2704
Hoyt, Edward R. (See Allen, George F., assignor.)						
Hoyt, George, <i>et al.</i> (See King, Phineas F., assignor.)						
Hoyt, Isaac N., Augusta, Wis. Corn-husking machine.	833,214	Oct. 16	2420	507	124	1888
Hoyt, Jesse A., Hastings, Iowa. Wire-stretcher.	824,120	June 26	3737	798	122	2707
Hoyt, John S., Darien, Conn. Hydraulic elevator.	826,572	July 24	3867	800	123	1028
Hoyt, Ralph R., <i>et al.</i> (See Dale, John H., assignor.)						
Hoyt, Samuel O. (See Wilson and Hoyt.)						
Hoyt, Will F., Dowagiac, Mich. Seedbox for grain-drills.	822,002	May 29	6038	1287	122	1577
Hoyt, William E., New York, N. Y. Sad-iron.	838,997	Dec. 18	3366	726-7	125	2271

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Drig.
Hoyt, William H., <i>et al.</i> (See McCarl, Joseph C., assignor.)						
Hoyt, William H., Wyoming, N. J. Producing flat-molded sound-records	828,604	Aug. 14	1831	385	123	2155
Hoyt, William H., and W. J. Gaven, Bridgeport, Conn., assignors to Burt Company, Hackensack, N. J. Manufacture of sound-records	808,842	Jan. 2	426	94	120	94
Hoyt, William H., and W. J. Gaven, Bridgeport, Conn., assignors to Burt Company, Hackensack, N. J. Manufacturing sound-records	808,843	Jan. 2	427	94	120	95
Hoyt, William H., and W. J. Gaven, Bridgeport, Conn., assignors to Burt Company, Hackensack, N. J. Sound-record tablet	809,263	Jan. 2	1307	266	120	288
Hoyt, William H., and W. J. Gaven, Bridgeport, Conn., assignors to Burt Company, Hackensack, N. J. Sieve	810,652	Jan. 23	4180	863	120	1034
Hoyt, Worthington, <i>et al.</i> (See King, Phineas F., assignor.)						
Hrdliczka-Csizsár, Ferdinand. (See Fiedler and Hrdliczka-Csizsár.)						
Hronish, Louis J., Geddes, S. D. Hoof-trimmer	813,298	Feb. 20	3545	781	120	2346
Hruby, Thomas J. (See Plummer, George C., assignor.)						
Hubbard, Albert S., Greenwich, Conn. Electrical system of distribution	828,315	Aug. 14	1260	265	123	2007
Hubbard, Albert S., Greenwich, Conn., and E. Lyndon, assignors to Gould Storage Battery Company, New York, N. Y. Self-regulating system of electrical distribution	826,429	July 17	3500	728	123	916
Hubbard, Arthur R., Bermondsey and R. Flay, county of Middlesex, England. Cooking-range	812,746	Feb. 13	2451	538	120	2064
Hubbard, Arthur R., Bermondsey and R. Flay, county of Middlesex, England. Fire-pot and grate therefor	812,747	Feb. 13	2452	538	120	2064
Hubbard, Edward L. (See Lake and Hubbard.)						
Hubbard, Edward L., <i>et al.</i> (See Luckett, John P., assignor.)						
Hubbard, Eugene. (See Richards and Hubbard.)						
Hubbard, Frank B. (See Morse and Hubbard.)						
Hubbard, Frank H., Kokomo, Ind. Non-refillable bottle	826,724	July 24	4164	865	123	1105
Hubbard, Fred M., and C. E. Taylor, Chicago, Ill., assignors, by mesne assignments, to National Coal Dump Car Company, Rapid City, S. D. Dumping-car	808,750	Jan. 2	257	55-6	120	59
Hubbard, Frederick J., assignor to W. E. Partridge and H. Blackwell, Detroit, Mich. Folding bed	813,004	Feb. 20	2962	652-3	120	2220
Hubbard, Harry B. (See Day and Hubbard.)						
Hubbard, Henry D., Avalon, Pa. Friction-clutch	822,454	June 5	426	87-8	122	1817
Hubbard, Hiram W., assignor of three-fifths to Logemann Brothers Company, Milwaukee, Wis. Concrete-mixer	820,928	May 15	3878	826	122	982
Hubbard, Hiram W., Milwaukee, Wis., assignor to Ogden Cushion Horse Shoe Co. Horseshoe	822,949	June 12	1425	297	122	2085
Hubbard, Ira B. (See Ward, Henry D., assignor.)						
Hubbard, James W., Eau Claire, Wis. Automatic safety railway-switch	833,601	Oct. 16	3223	687	124	2085
Hubbard, Louis D., assignor to Russell Manufacturing Company, Middletown, Conn. Bandleer or belt	836,580	Nov. 20	3325	709	125	918
Hubbell, Wesley M., Cleveland, N. Y. Mold	829,586	Aug. 28	3884	823	123	2748
Hubbell, Charles H., assignor to Sterling Co., Derby, Conn. Pedal attachment for pneumatic instruments	833,215	Oct. 16	2421	507	124	1888
Hubbell, Eugene, St. Paul, Minn. Storm-sash fastener	826,573	July 24	3869	800	123	1028
Hubbell, Harry C., Jersey City, N. J. Incandescent electric lamp	832,730	Oct. 9	1434	289	124	1588
Hubbell, Harvey, Bridgeport, Conn. Insulating screw-shell	817,484	Apr. 10	1870	394	121	1826
Hubbell, Harvey, Bridgeport, Conn. Chain-guide for pull-sockets	817,485	Apr. 10	1871	394	121	1826
Hubbell, Harvey, Bridgeport, Conn. Incandescent-lamp cluster	817,642	Apr. 10	2161	458	121	1886
Hubbell, Harvey, Bridgeport, Conn. Cartridge-fuse and fuse-block	819,657	May 1	1217	266	122	273
Hubbell, Harvey, Bridgeport, Conn. Incandescent-lamp cluster	835,282	Nov. 6	811	109	125	205
Hubbell, Harvey, Bridgeport, Conn. Incandescent-lamp guard	838,860	Dec. 18	3131	675	125	2217
Hubbell, Ira C. (See Allfree and Hubbell.)						
Hubbell, Joseph H., assignor to Buckeye Iron & Brass Works, Dayton, Ohio. Oil-press box	825,462	July 10	1587	330	123	432
Hubbell, Octave E., Monroe, La. Overshoe-retainer	813,897	Feb. 27	4745	1049	120	2665
Hubby, William E., assignor of one-fourth to E. Fitzgerald, New York, N. Y. Pneumatic riveter	832,481	Oct. 2	926	181	124	1434
Hübel, Otto, and J. Söllhuber, Cologne, Germany. Sock or stocking	827,152	July 31	5048	1052	123	1339
Huber Account Register Company. (See Huber, John F., assignor.)						
Huber, Alfred F., Chicago, Ill. Excavating-machine	809,689	Jan. 9	2190	453-4	120	513
Huber, Charles F., Omaha, Nebr. Water-filter	825,907	July 17	2505	521	123	667
Huber, Emil, Detroit, Mich. Transmission-gearing	812,345	Feb. 13	1677	369	120	1908
Huber, Frank W., and C. P. Folsom, assignors to Dayton Globe Iron Works Co., Dayton, Ohio. Water-wheel	833,526	Oct. 16	3065	650	124	2046
Huber, Frederick C., Fort Wadsworth, N. Y. Safety gas-burner	831,723	Sept. 25	3691	772	124	1028
Huber, Frederick C., and J. E. Manzel, Rosebank, N. Y. Electric time-switch	822,003	May 29	6039	1287	122	1578
Huber, Frederick K., Celina, Tex. Mortising-tool	809,954	Jan. 16	2691	555	120	676
Huber, George W., Philadelphia, Pa. Combined alcohol lamp and boiler	822,859	June 5	1245	256	122	1999
Huber-Hodgman Printing Press Company. (See Hall, Bicknell, assignor.)						
Huber, Jacob, Mansfield, Ohio. Oil-cup	835,948	Nov. 13	2077	443	125	562
Huber, John F., Lockport, assignor to Huber Account Register Company, Buffalo, N. Y. File	812,132	Feb. 6	1188	260	120	1731
Huber, Max J., Antioch, Ill. Fence-post	831,611	Sept. 25	3438	722	124	957
Huber, Sigmund V., Pittsburg, Pa. Straightening-table	808,751	Jan. 2	261	56	120	60
Huber, Tony, Billancourt, France. Jacketed motor-cylinder	828,656	Aug. 14	1928	405	123	2179
Hubermann, Max L., Santa Margarita, Cal. Automatic sash-lock	824,545	June 26	4593	976	122	2889
Hubert-Brierre, Alfred M., Paris, France. Apparatus for covering the beds of billiard-tables	820,929	May 15	3881	827	122	983
Hubert-Brierre, Alfred M., Paris, France. Apparatus for covering the cushions of billiard-tables	820,930	May 15	3882	827	122	983
Hubert, Conrad. (See Coleman, Clyde J., assignor.)						
Hubert, Conrad, New York, N. Y. Portable electric light	818,449	Apr. 24	3783	813	121	2350
Hubert, Conrad, New York, N. Y. Portable electric light	835,529	Nov. 13	1301	279	125	372
Hubert, Gustav, Baraboo, Wis. Leaf-turner	811,225	Jan. 30	5320	1112	120	1315
Hubert, Henry J., Rugby, N. D. Gambrel	831,439	Sept. 18	3086	654	124	831
Hubinger, John C., Keokuk, Iowa. Signaling apparatus	825,055	July 3	734	154	123	197
Huble, Edwin J., assignor to J. L. McLaughlin, Lancaster, Pa. Wood-filer	814,847	Mar. 13	1704	121	430	
Hübner, Josef, and I. Mayer, Vienna, Austria-Hungary. Automatic cut-off valve	828,657	Aug. 14	1929	405	123	2179
Hübner, Josef, and I. Mayer, Vienna, Austria-Hungary. Reducing-valve	836,258	Nov. 20	2708	576	125	770
Hübner, Julius. (See Mather, Hübner, and Pope.)						
Huck, Albert, Nuremberg, Germany. Switch for toy railways	826,250	July 17	3164	656	123	832
Huckabee, Jefferson E., Pike, Tex. Plow	834,809	Oct. 30	5846	1240	124	2825
Huckleberry, Charles R., Paris, Ill. Broom-corn-cutting machine	815,018	Mar. 13	2040	427-3	121	499
Hucks, William and William, Jr., London, England. Counting device	820,197	May 8	2389	519	122	594
Huddart, John J. (See Waterbury, George H., assignor.)						
Hudgens, Monroe, O'Connors, Tenn. Loader and unloader	821,243	May 22	4522	962-3	122	1185

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Hudlow, John W., assignor of one-third to H. I. Checo, Washington, D. C. Machine for grinding or cutting.....	838,250	Dec. 11	1978	423-4	125	1889
Hudson, Bertram S., Castleton, N. Y. Device for measuring the thickness of paper.....	812,042	Feb. 6	1023	223-4	120	1697
Hudson, Charles W., Knoxville, Iowa. Wire-stretcher.....	828,819	Aug. 14	2246	478	123	2260
Hudson, Ellie J., Templeton, Cal. Poultry-brooder.....	836,259	Nov. 20	2710	576	125	770
Hudson, Francis, Fairview, Chicopee, assignor to Coburn Trolley Track Manufacturing Company, Williamsett, Mass. Automatic door-closing device.....	826,574	July 24	3871	800-1	123	1029
Hudson, George, Sunderland, England. Apparatus for conveying and disintegrating the flour flakes produced by the smooth rolls in flour-milling and for kindred purposes.....	827,912	Aug. 7	418	89-90	123	1774
Hudson, Henry J., London, England. Display apparatus.....	830,834	Sept. 11	1904	397-8	124	510
Hudson, Henry T., assignor of one-half to J. Grant, Stockton, Cal. Plow.....	833,392	Oct. 16	2788	588-9	124	1983
Hudson, John E., Havana, N. D. Embossing printed matter.....	833,391	Oct. 16	2787	588	124	1983
Hudson, John W., Iowa Park, Tex. Plow.....	825,127	July 3	869	182	123	230
Hudson, Johnston W. (See Littleton, Hudson, and Folis.)						
Hudson, Oscar M., Toronto, Canada. Carbureted-air burner for heating, cooking, &c....	824,361	June 26	4202	898	122	2806
Huebel, Otto H., Jersey City, N. J. Device for applying powder to the person.....	811,924	Feb. 6	781	170-1	120	1648
Huebner, Irwin F. (See Keller and Bowers, assignors.)						
Huenefeld, Ernst H. (See Carter, John R., assignor.)						
Huenefeld, Ernst H. (See Hausfeld and Tresise, assignors.)						
Huenefeld, Ernst H. (See Hofmann, Johann, assignor.)						
Huenergardt, George H., Collegeview, Nebr. Washing-machine.....	832,062	Oct. 2	66	15	124	1228
Huetner, Jacob, New York, assignor to Robert Gair Company, Brooklyn, N. Y. Machine for applying tapes to boxes.....	838,413	Dec. 11	2276	492-4	125	1962
Huey, Charles M., assignor of two-thirds to W. F. Traves, Cleveland, Ohio. Sparking igniter.....	824,245	June 26	3996	855	122	2762
Huey, James E., assignor of one-half to W. C. Lovejoy, Charlotte, N.C. Combination-rule.....	824,299	June 26	4084	873	122	2781
Huey, James M., Ruston, La. Block signaling and safety system.....	819,278	May 1	497	104	122	115
Huff Electrostatic Separator Company. (See Pickard, Greenleaf W., assignor.)						
Huff Electrostatic Separator Company. (See Woodsome, Millard, assignor.)						
Huff, Furman, assignor of one-half to S. M. Shaul, Caldwell, Kans. Boltless plowshare.....	827,729	Aug. 7	68	13-14	123	1687
Huff, George A., Chicago, Ill. Snap-hook.....	814,135	Mar. 6	266	53	121	59
Huff, George S. and J. J., assignors to Huff Smoke Consumer and Stoker Company, Indianapolis, Ind. Furnace-grate.....	829,921	Aug. 28	4589	967-8	123	2920
Huff, Jake J. (See Huff, George S. and J. J.)						
Huff, Jasper N., Confluence, Ky. Boat.....	835,530	Nov. 13	1304	279-80	125	373
Huff, Russell assignor to Packard Motor Car Company, Detroit, Mich. Steering-gear and motor-controlling mechanism for motor-vehicles.....	829,402	Aug. 28	3467	729	123	2644
Huff, Russell, assignor to Packard Motor Car Company, Detroit, Mich. Spark-coil box for motor-vehicles.....	838,251	Dec. 11	1980	424-5	125	1889
Huff Smoke Consumer and Stoker Company. (See Huff, George S. and J. J., assignors.)						
Huffaker, Simpson, Woodruff, Utah. Wagon-body protector.....	817,565	Apr. 10	2029	428	121	1858
Huffer, Tilghman A., Lewisville, Tex. Bottle-neck.....	817,247	Apr. 10	1392	293	121	1727
Huffhines, James I., St. Louis, Mo. Attachment for threshing-machines.....	821,496	May 22	5046	1074	122	1300
Huffman, Daniel B., White, Idaho. Kraut-cutter.....	834,982	Nov. 6	201	44	125	52
Huffman, Irvin C., assignor of one-half to J. S. Huffman, Dublin, Ga. Lifting-jack.....	817,917	Apr. 17	2732	593	121	2069
Huffman, J. E. (See Huffman, Irvin C., assignor.)						
Huffman, James G., Decatur, assignor of one-half to E. M. Hybarger, Pana, Ill. Car-loader.....	819,279	May 1	499	104-5	122	115
Huffman, John S., Rockford, Ill. Fruit-jar and cover.....	815,171	Mar. 13	2350	492	121	569
Huffman, John S., Rockford, Ill. Bottle-stopper.....	815,172	Mar. 13	2351	492	121	569
Huffmanmaster, Charles A., San Leandro, Cal. Pipe-laying machine.....	833,055	Oct. 9	2073	436-7	124	1752
Hufnagel, John G., Scranton, Pa. Noiseless steam water-heater.....	822,127	May 29	6275	1336	122	1632
Hug, Daniel, assignor to J. T. Lund, Denver, Colo. Water-wheel.....	813,299	Feb. 20	3546	781	120	2346
Hug, Eugene F., Elgin, Oreg. Rope measuring and computing machine.....	819,758	May 8	1440	307	122	382
Hug, Eugene F., Elgin, Oreg. Electric-light bracket.....	823,533	June 19	2655	559	122	2412
Huggins, Robert T., Venters, S. C. Plow-beam.....	819,997	May 8	1978	436	122	504
Hughes, Abednego B., and A. Rose, Cedarville, Cal. Comb-cleaner.....	836,501	Nov. 20	3175	672	125	883
Hughes, Edward W. M., Westminster, England. Manufacture of axle-boxes.....	822,128	May 29	6276	1336	122	1632
Hughes, Edwin T., Gladstone, assignor of three-fourths to V. J. O'Brien, W. Z. Kinney, and J. M. Rogers, Silverton, Colo. Air-brake.....	811,064	Jan. 30	4982	1040	120	1243
Hughes, Frederick G. (See Stout and Hughes.)						
Hughes, Frederick G., and R. P. Stout, Bethlehem, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Wheel-bearing.....	820,575	May 15	3155	679	122	824
Hughes, Henry and R., Mount Vernon, N. Y. Device for dressing stone.....	813,210	Feb. 20	3377	744	120	2310
Hughes, Henry A., St. Louis, Mo. Projector for pathological work.....	835,431	Nov. 6	1127	243	125	283
Hughes, Henry A., St. Louis, Mo. Rubber-dam or bib holder.....	835,432	Nov. 6	1128	243	125	283
Hughes, Henry C., Joplin, Mo. Lamp-stand.....	833,167	Oct. 16	2309	484	124	1860
Hughes, Henry J., New York, N. Y. Net.....	827,868	Aug. 7	349	74	123	1757
Hughes Invention Co., J. R. (See Hughes, John R., assignor.)						
Hughes, James P. (See McDonald, Peter, assignor.)						
Hughes, James W., Camden, N. J. Body-rest for musical instruments.....	821,803	May 29	5665	1207-8	122	1494
Hughes, John R., assignor to J. R. Hughes Invention Co., Chama, N. Mex. Ter. Connecting device for wheel-fellies.....	820,788	May 15	3542	759	122	909
Hughes, John R., assignor to J. R. Hughes Invention Co., Chama, N. Mex. Ter. Whiffletree-hook.....	825,216	July 3	1055	222	123	276
Hughes, John R., assignor to J. R. Hughes Invention Co., Chama, N. Mex. Ter. Hame for harness.....	825,730	July 10	2183	456	123	579
Hughes, John R., assignor to J. R. Hughes Invention Co., Chama, N. Mex. Ter. Washer.....	832,386	Oct. 2	739	144	124	1390
Hughes, John R., assignor to J. R. Hughes Invention Co., Chama, N. Mex. Ter. Automatic latch for sliding doors.....	838,333	Dec. 11	2123	459	125	1926
Hughes, John S., St. Francis, Minn. Apparatus for processing canned food.....	829,212	Aug. 21	3085	648	123	2505
Hughes, John S., Hudson, and C. J. Prankard, assignors to J. Leggett & Son, Troy, N. Y. Machine for cutting and pasting paper.....	838,252	Dec. 11	1984	425-6	125	1890
Hughes, John W., Rogers, Ark. Milking-shield.....	815,429	Mar. 20	2938	609	121	748
Hughes, John W., Quincy, Ill. Scale.....	823,728	June 19	3009	637	122	2489
Hughes, John W., Macon, Ga. Combination or convertible article of furniture.....	825,540	July 10	1763	371	123	472
Hughes, Robert. (See Hughes, Henry and R.)						
Hughes, Samuel F., Fort Madison, Iowa. Combined wagon hay-rack and brake.....	838,715	Dec. 18	2855	614-15	125	2148
Hughes, Thomas, East Somerville, Mass. Shaft-oiler.....	819,280	May 1	502	105	122	116
Hughes, Thomas, East Somerville, Mass. Axle-lubricator.....	819,281	May 1	502	106	122	116
Hughes, Thomas H., S. A. Johnson, and J. H. Sayle, St. Paul, Minn. Truck.....	817,779	Apr. 17	2437	521	121	2003
Hughes, William, and J. Thomas, Ravenrun, Pa. Gravity-separator.....	839,387	Dec. 25	4168	892	125	2516
Hughes, William B., Philadelphia, Pa. Gas-producer.....	829,651	Aug. 28	4016	851	123	2780
Hughes, George G., Fort Worth, Tex. Wood-conveyer.....	808,926	Jan. 2	601	132	120	132

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Huglin, Oscar E. (See Eriksson, Erik, assignor.)						
Hugus, William C., <i>et al.</i> (See Nicholls, Moses, assignor.)						
Huising, Garrett H., assignor to Porter Safety Seal Company, Chicago, Ill. Car-seal...	819,547	May 1	1006	221	122	226
Huitt, Charles C. (See Huitt, Richard and C. C.)						
Huitt, Richard and C. C., St. Louis, Mo. Door opening and closing apparatus.....	822,129	May 29	6277	1336	122	1632
Hukill, William V., Bethany, W. Va., assignor to L. V. B. Cox, Ethel, Mo. Gun-sight...	815,090	Mar. 13	2177	459	121	529
Hulbert, Edwin F., Kenosha, Wis. Fastener for receptacles.....	834,810	Oct. 30	5847	1240	124	2825
Hulbert, Edwin F., assignor of one-half to L. C. Brooks, Kenosha, Wis. Box-fastener.	825,463	July 10	1589	330	123	432
Hulett, Frank E., assignor to Wellman-Seaver-Morgan Company, Cleveland, Ohio. Operating mechanism for clam-shell buckets.....	818,626	Apr. 24	4163	895-6	121	2431
Hulett, George H., assignor to Wellman-Seaver-Morgan Company, Cleveland, Ohio. Car-dumping apparatus.....	814,704	Mar. 13	1429	297-8	121	372
Hulett, George H., assignor to Wellman-Seaver-Morgan Company, Cleveland, Ohio. Warehouse machinery for unloading ships.....	819,759	May 8	1441	308	122	383
Hulett, George H., assignor to Wellman-Seaver-Morgan Company, Cleveland, Ohio. Ship-loading apparatus.....	828,316	Aug. 14	1264	266-7	123	2009
Hulett, George H., Cleveland, Ohio, and G. W. Theiss, Pittsburg, Pa. Ship-fueling machinery.....	828,317	Aug. 14	1266	267-8	123	2009
Huling, Charles C. (See Cranston and Huling.)						
Hull, Arthur E., assignor to B. S. McClellan, Chicago, Ill. Window.....	816,580	Apr. 3	46	12	121	1364
Hull, Arthur E., assignor to B. S. McClellan, Chicago, Ill. Weather-strip.....	813,764	Apr. 24	4448	953	121	2494
Hull, Ezekiel N., and S. E. Hodge, Sarasota, Fla. Measuring instrument.....	825,217	July 3	1056	223	123	276
Hull, Foster J. (See Dement and Hull.)						
Hull, Foster J., Brooklyn, assignor to American Mechanical Cashier Company, New York, N. Y. Register.....	818,249	Apr. 17	3407	730	121	2214
Hull, Joseph V., Brooklyn, assignor to H. C. Blye, New York, N. Y. Safety-closure for bottles, jars, and other receptacles.....	819,015	Apr. 24	4925	1057	121	2597
Hull, Matthew R., assignor to Rex Buggy Company, Connersville, Ind. Storm-shield for vehicles.....	816,013	Mar. 27	4113	871	121	1054
Hull, Scott H. (See Kellerman, William L., assignor.)						
Hull, William H. (See Spaulding, Frank M., assignor.)						
Hull, Wolcott A., New York, N. Y. Filter.....	813,429	Feb. 27	3827	838	120	2462
Hullerman, William, Independence, Iowa. Shaft and pole coupling for vehicles.....	813,703	Feb. 27	4362	961	120	2582
Hullings, Charles W., assignor of one-half to J. W. Thatcher, Philadelphia, Pa. Steam-boiler fire-box.....	811,401	Jan. 30	5649	1182	120	1386
Hulls, Stephen, Neola, Iowa. Corn-cutting device.....	825,218	July 3	1057	223	123	276
Hulquist, Andrew D., Chicago, Ill. Lock for loose-leaf binders.....	830,835	Sept. 11	1906	398	124	511
Hulse, Edwin M., Columbus, Ohio. Upholstery.....	823,785	June 19	3122	661	122	2515
Hulse, Edwin M., Columbus, Ohio. Apparatus for manufacturing upholstery.....	824,868	July 3	378	72	123	103
Hulse, Edwin M., Columbus, Ohio, assignor to Geneva Furniture Manufacturing Company, Geneva, N. Y. Combined couch and bed.....	818,250	Apr. 17	3409	731	121	2215
Hulse, George E., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Gas-lamp.....	835,705	Nov. 13	1625	346	125	452
Hulse, George E., Jersey City, N. J., assignor to Safety Car Heating & Lighting Company. Lighting apparatus.....	836,114	Nov. 20	2385	504	125	689
Hulse, Jesse. (See Harker, Hyrum S., assignor.)						
Hülsebusch, Hubert. (See Lehnert and Hülsebusch.)						
Hulsey, Charley M., Frost, Tex. Composition for killing grass.....	821,244	May 22	4524	122	1186	
Hulsizer, Clyde L., Des Moines, Iowa. Fan.....	835,433	Nov. 6	1129	243	125	284
Hülsmeier, Christian, Düsseldorf, Germany. Wireless transmitting and receiving mechanism for electric waves.....	810,150	Jan. 16	3102	640-1	120	763
Hult, Charles, Minneapolis, Minn. Paper-pressing attachment for recording instruments.....	813,005	Feb. 20	2965	653	120	2221
Hultgren, Charles F., Chicago, Ill. Chain wrench.....	826,939	July 24	4571	951	123	1207
Hultquist, Edward M., Brookhaven, Miss. Washboard.....	825,464	July 10	1591	331	123	433
Humane Horseshoe Company. (Gardner, Frank B., assignor.)						
Humbert, Frank J., Max, N. D. Horse-defacher.....	818,176	Apr. 17	3254	698	121	2184
Hume, Edward C. (See Towers and Harrington, assignors.)						
Hume, Thomas J., New Rochelle, N. Y. Crib or bed.....	819,886	May 8	1701	365	122	445
Humelbuehler, John. (See Lindgren and Humelbuehler.)						
Humidine, Limited. (See Dunnett, Francis E., assignor.)						
Humiston, Dawson M. (See Domagola, John, assignor.)						
Hummel, Charles C., Espy, Pa. Car-step.....	827,240	July 31	5224	1085	123	1385
Hummel, Frank, Newton, Iowa. Culvert.....	832,017	Sept. 25	4270	892	124	1173
Hummel, James H., Mount Vernon, N. Y. Automatic ventilating apparatus.....	821,416	May 22	4896	1041	122	1268
Hummel, Mathilde. (See Hummel, Philipp, assignor.)						
Hummel, Philipp, assignor to M. Hummel, Strassburg, Germany. Conveyer-band for cigarette-making machines.....	814,908	Mar. 13	1802	377	121	451
Hummer, Arthur C., Seattle, Wash. Butter-cutter.....	817,486	Apr. 10	1873	394	121	1826
Hummer, Arthur C., Seattle, Wash. Butter-cutter.....	817,487	Apr. 10	1874	395	121	1827
Hummer, Arthur C., Seattle, Wash. Butter-cutter.....	831,610	Sept. 25	3437	722	124	957
Humphrey, Albert E. (See Squires and Humphrey.)						
Humphrey, Alexander F., Allegheny, H. McCrory, Wilksburg, and F. D. Saupp, Jr., Pittsburg, Pa. Machine for delivering liquids.....	826,725	July 24	4165	865-6	123	1105
Humphrey, Alfred H., Kalamazoo, Mich. Gas-burner.....	834,907	Nov. 6	63	12	125	18
Humphrey Company. (See Humphrey, Herbert S., assignor.)						
Humphrey, David, Cleveland, Ohio. Brake mechanism for elevated cars.....	832,318	Oct. 2	609	114	124	1359
Humphrey, David, Cleveland, Ohio. Car for elevated railways.....	832,319	Oct. 2	610	114-15	124	1359
Humphrey, Henry H., assignor to Austin Separator Company, Detroit, Mich. Steam-separator.....	817,715	Apr. 10	2276	490	121	1911
Humphrey, Henry L., Monroe, Mich. Trolley-wheel.....	834,302	Oct. 30	4845	1024	124	2572
Humphrey, Herbert S., Kalamazoo, Mich. Gas-stove.....	837,471	Dec. 4	387	88-9	125	1452
Humphrey, Herbert S., assignor to Humphrey Company, Kalamazoo, Mich. Water-heater.....	817,116	Apr. 3	1118	232	121	1609
Humphrey, Herbert S., assignor to Humphrey Company, Kalamazoo, Mich. Water-heater.....	839,292	Dec. 25	3992	857	125	2472
Humphrey, James A. (See Mowery and Humphrey.)						
Humphrey, James D., Towanda, Pa. Numbering and stamping machine.....	817,429	Apr. 10	1756	369	121	1802
Humphrey, Julius W., Woodlawn, Oreg. Fence or dike.....	830,437	Sept. 4	1091	228	124	270
Humphrey & Sons. (See Reece, Juan H., assignor.)						
Humphreys, Edwin W., Chicago, Ill. Window.....	819,760	May 8	1443	308-9	122	383
Humphreys, Fred, Stuart, Nebr. Draft-equalizer.....	823,172	June 12	1898	391	122	2190
Humphreys, William J., Elmwood, Ill. Truss-bridge.....	809,264	Jan. 2	1308	266	120	288
Hunefeld, Mark, and B. C. Laub, Lake City, Iowa; said Laub assignor to said Hunefeld. Lifting-jack.....	830,479	Sept. 4	1173	245	124	290

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hunger, Friedrich O. (See Espenhayn and Hunger.)						
Hungerford, Churchill, Philadelphia, Pa., assignor to Hungerford Filter Corporation, Jersey City, N. J. Filter-valve.	814,136	Mar. 6	267	53	121	59
Hungerford, Churchill, Philadelphia, Pa., assignor to Hungerford Filter Corporation, Jersey City, N. J. Filter-valve.	814,211	Mar. 6	411	84	121	90
Hungerford Filter Corporation. (See Hungerford, Churchill, assignor.)						
Hungerford, Henry H. (See Peters and Hungerford.)						
Hunkins, Adelbert B., Austin, Minn. Addressing-machine.	815,832	Mar. 20	3756	789-90	121	924
Hunn, Howard G., New York, N. Y. Adjusting-screw for revolving chairs.	808,927	Jan. 2	603	132	120	133
Hunnicutt, Charles, Wilmington, Ohio. Single-delivery match-box.	816,799	Apr. 3	482	107	121	1463
Hunnicutt, Charles, Wilmington, Ohio. Corn-grader.	824,720	July 3	46	8	123	16
Hunt, Alonzo B., et al. (See De Lay, Charles, assignor.)						
Hunt, Andrew M., Berkeley, Cal. Means for protecting piles.	819,282	May 1	503	106	122	116
Hunt, Andrew M., and T. Mirk, San Francisco, Cal., assignors to E. H. Peabody, New York, N. Y. Oil or hydrocarbon burner.	827,372	July 31	5477	1139	123	1445
Hunt Brothers Company. (See Klee and Van Eaton, assignors.)						
Hunt, Charles A. (See Hunt, John and C. A.)						
Hunt, Charles H., Walla Walla, Wash. Farm-gate.	825,322	July 10	1270	267-8	123	348
Hunt, Charles W., West New Brighton, N. Y. Friction device for brakes and clutches.	811,562	Feb. 6	50	11	120	1495
Hunt, Charles W., West New Brighton, N. Y. Ore-hoist.	830,836	Sept. 11	1908	399	124	511
Hunt, Charles W., New York, N. Y. Hoisting apparatus.	833,929	Oct. 23	3926	832	124	2304
Hunt & Co., M. A. (See Brouyette, Charles D., assignor.)						
Hunt, David F., assignor to Goodell Company, Antrim, N. H. Parer for apples and other fruit.	824,300	June 26	4085	873-4	122	2781
Hunt, Frank J., Slater, Colo. Gate construction.	833,216	Oct. 16	2423	507-8	124	1889
Hunt, Frank P. (See Peterson, Per A., assignor.)						
Hunt, Frederick L., Asheville, N. C. Tool for handling artificial teeth.	838,027	Dec. 11	1487	320	125	1768
Hunt, Helm, Ferris & Company. (See Ferris, Henry L., assignor.)						
Hunt, Helm, Ferris & Company. (See Ferris, Howard J., assignor.)						
Hunt, James H., Massillon, Ohio. Razor-blade holder.	809,690	Jan. 9	2192	454	120	514
Hunt, James H., Massillon, Ohio. Razor-blade holder.	817,566	Apr. 10	2030	428	121	1859
Hunt, John, Woonsocket, R. I. Ice-creeper.	830,324	Sept. 4	855	176	124	213
Hunt, John and C. A., Los Angeles, Cal. Stamp-mill.	826,726	July 24	4168	866	123	1106
Hunt, Thomas G., Providence, R. I. Pin-tongue.	826,854	July 24	4411	919	123	1167
Hunt, Walter Y., Brooklyn, N. Y., assignor to W. J. Irwin, Hoboken, N. J. Reeling mechanism.	832,974	Oct. 9	1921	401	124	1713
Hunt, William F., and R. J. Roberts, New York, N. Y. Hoisting apparatus.	819,140	May 1	204	42	122	51
Hunter, Clarence, West Somerville, and F. F. Haskell, Cambridge, Mass. Roof-bracket.	824,789	July 3	204	37	123	59
Hunter, David E., Cambridge, assignor to Library Bureau, Boston, Mass. Rod for card-indexes.	816,097	Mar. 27	4299	910	121	1095
Hunter, David E., Cambridge, assignor to Library Bureau, Boston, Mass. Card-holder.	818,090	Apr. 17	3067	661	121	2142
Hunter, Ernest R., assignor to Aeolian Company, New York, N. Y. Piano-stool.	826,575	July 24	3873	802	123	1029
Hunter, James D., North Adams, Mass. Wool-washing machine.	838,998	Dec. 18	3368	727	125	2271
Hunter, James E., North Adams, Mass. Variable-speed counter-shaft mechanism.	818,450	Apr. 24	3787	813-14	121	2351
Hunter, Martin B., Kansas City, Mo. Vessel-propelling mechanism.	837,568	Dec. 4	567	132-3	125	1497
Hunter, Richard T., Eaglescliffe, England. Metallic roofing.	837,303	Dec. 4	55	15-16	125	1367
Hunter, Robert, Spokane, Wash. Reversible handle attachment for planes.	816,980	Apr. 3	873	181	121	1552
Hunter, Rudolph M., Philadelphia, Pa. Process and apparatus for generating steam, &c.	835,531	Nov. 13	1305	280	125	373
Hunter, Rudolph M., assignor to Electric Car Company of America, Philadelphia, Pa. Electrically-propelled vehicle.	826,508	July 17	3711	769	123	976
Hunter, Sidney, St. Louis, Mo. Pneumatic tire.	817,066	Apr. 3	1026	211	121	1586
Hunter, Walter J., Pittsburg, Pa. Attachment for trunk-handles.	823,173	June 12	1899	392	122	2190
Hunter, William, Kincardine, Canada. Metallic piling.	819,067	May 1	61	14	122	17
Hunter, William A., Terre Haute, Ind. Storm-top.	810,151	Jan. 16	3105	641	120	763
Hunter, William A., Terre Haute, Ind. Storm-top for vehicles.	830,664	Sept. 11	1573	324	124	423
Hunter, William F., assignor of one-half to F. R. Horel, Arcata, Cal. Propeller.	813,430	Feb. 27	3829	838	120	2463
Huntington, Arthur S. (See Huntington, Charles S. and A. S.)						
Huntington, Charles S. and A. S., Omaha, Nebr. Wrought-metal buckle.	823,868	June 19	3276	694	122	2550
Huntington Curtain Pole Company. (See Reynolds, James H., assignor.)						
Huntington, Luther W., assignor of one-half to G. W. Rowan, Castlerock, Wash. Automatic screw-tender.	832,578	Oct. 2	1110	223	124	1481
Huntley, Erle S., Coolgardie, Western Australia, Australia. Continuous filter for slimes, sands, &c.	839,591	Dec. 25	4585	977-8	125	2616
Huntley, George, Pittston, Pa. Drill-coupling.	824,721	July 3	47	8	123	16
Huntley, Loring G., Des Moines, Iowa. Fastening device for wagon-nuts.	821,497	May 22	5047	1075	122	1300
Huntley, Lucian F., assignor of two-thirds to C. McMahon and O. B. Danner, Chicago, Ill. Gravity-railway.	833,835	Oct. 23	3707	790	124	2246
Huntley Manufacturing Company. (See Hohnes, Frank T., assignor.)						
Huntley Manufacturing Company. (See Wolfe, Arthur P., assignor.)						
Hunton, Charles A., London, England. Wrench or spanner.	838,414	Dec. 11	2284	494-5	125	1965
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	813,704	Feb. 27	4364	961	120	2583
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	813,705	Feb. 27	4365	961-2	120	2583
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	813,706	Feb. 27	4366	962	120	2583
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	813,798	Feb. 27	4540	1003	120	2620
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	823,601	June 19	2774	587	122	2438
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	823,602	June 19	2775	587	122	2439
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.	823,603	June 19	2775	587	122	2439
Hunze, Otto, St. Louis, Mo. Vehicle-axle.	808,844	Jan. 2	428	94	120	95
Hunzicker, John R. (See Bedford, Ebenezer S., assignor.)						
Hunzinger, George, New York, N. Y. Reclining-chair.	813,799	Feb. 27	4541	1004	120	2621
Hupfel, Adolph G., assignor to M. Fleck, New York, N. Y. Stable-flooring.	821,417	May 22	4899	1041	122	1268
Hurquien, Uric. (See Russell, John, assignor.)						
Hurd, Benjamin, New York, N. Y. Machine for cutting cloth on the bias.	819,431	May 1	803	172-3	122	181
Hurd, Delmar G., assignor of two-thirds to A. and M. W. Fels, Lowell, Mass. Time-operated time-table.	832,018	Sept. 25	4271	892-3	124	1173
Hurd, Edward L., Milton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Die-block.	836,686	Nov. 27	3566	760	125	1012
Hurd, George W., Clio, Mich. Routing-rack.	838,543	Dec. 18	2532	548	125	2069

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'E.	Vol.	Page.
Hurd, Israel T., Lansing, Mich. Wagon-wheel.	823,335	June 12	2242	468	122	2266
Hurd, William, Warren, Ind., and W. Wright, Franklin, Pa. Frame for pumping pow-						
ers.	810,945	Jan. 30	4775	993	120	1197
Hurlford, Oliver P., Chicago, Ill. Hog-hoist.	816,233	Mar. 27	4556	970	121	1149
Hurlburt, Lansing W. (See Hurlburt, Samuel W., assignor.)						
Hurlburt, Samuel W., assignor of one-half to L. W. Hurlburt, Creston, Iowa. Clothes-						
pin basket.	809,568	Jan. 9	1935	402	120	458
Hurlbut, Frederick H., Alameda, and T. W. Munroe, San Francisco, Cal. Gas-engine.	820,497	May 15	2987	645-6	122	786
Hurley, Daniel, Providence, R. I., assignor to General Electric Company. Governing						
mechanism for turbines.	815,833	Mar. 20	3762	790-1	121	925
Hurley, Frank M., Blissfield, Ohio. Mail receiving and delivery apparatus.	821,941	May 29	5923	1260-1	122	1551
Hurley, Frank M., Blissfield, Ohio. Mail-receiving delivery apparatus.	826,855	July 24	4412	919	123	1167
Hurley, Frank M., Blissfield, Ohio. Mail-bag deliverer.	831,952	Sept. 25	4153	865	124	1142
Hurley, James P., Canandaigua, N. Y. Shutter-worker.	831,953	Sept. 25	4156	866	124	1143
Hurley, W. H. & J. F. (See Hostin, Richard F., assignor.)						
Hurley, William H. (See Mathein, Frank J., assignor.)						
Hurry, Edward H., Bethlehem, Pa. Pulverizing-mill.	814,961	Mar. 13	1902	400	121	471
Hurst, Charles B., Chillicothe, Ohio. Cool pillow.	830,837	Sept. 11	1909	399	124	512
Hurst, Charles M., Rawlins, Wyo. Railway switch and signal mechanism.	810,867	Jan. 23	4578	953	120	1121
Hurst, Charles M., Rawlins, Wyo. Switch and signal track trip.	810,868	Jan. 23	4580	954	120	1121
Hurst, Timothy C., New York, N. Y. Amusement device.	812,848	Feb. 20	2655	581-2	120	2153
Hurt, William H., Fayette, Mo., and J. E. Craig, Cleveland, Tenn. Kitchen-cabinet.	821,167	May 22	4383	932-3	122	1154
Hurwitz & Co., Hermann. (See Flamant, Charles, assignor.)						
Huser, Frank A., Hamilton, Ohio. Vending-machine.	815,173	Mar. 13	2352	492	121	569
Husham, Carl. (See Vietor and Husham.)						
Hussey, Alfred R., Chicago, Ill. Soldering compound.	812,494	Feb. 13	1960		120	1966
Hussey, John R., Indianapolis, Ind. Drier.	817,643	Apr. 10	2162	459-60	121	1887
Hussey, John R., Indianapolis, Ind. Sliding-door construction.	822,130	May 29	6278	1337	122	1633
Hussey, John R., Indianapolis, Ind. Sliding-door construction.	828,658	Aug. 14	1931	405	123	2179
Hussey, John R., and V. F. Outland, Indianapolis, Ind.; said Outland assignor to said						
Hussey. Sliding-door construction.	834,673	Oct. 30	5565	1181	124	2755
Hussey, Patrick L., Cleveland, Ohio. Tool for detaching and resetting tires.	834,908	Nov. 6	65	13	125	19
Hussey, William P., assignor to Standard Dry Kiln Company, Indianapolis, Ind. Spacer						
and holder for heating-pipes.	823,869	June 19	3277	695	122	2550
Hussey, William P., assignor to Standard Dry Kiln Company, Indianapolis, Ind. Pip-						
ing system for heaters.	831,612	Sept. 25	3440	722	124	958
Hussey, William P., assignor to Standard Dry Kiln Company, Indianapolis, Ind.						
Transfer-truck.	838,253	Dec. 11	1986	426	125	1891
Hussong, Joseph, Camden, N. J. Dyeing-machine.	822,844	June 5	1214	250-1	122	1995
Husted, Highland E., Galesburg, Ill. Initiation apparatus.	824,722	July 3	49	8-9	123	16
Husted, William J., Sacramento, Cal. Dancing toy.	832,196	Oct. 2	363	67	124	1300
Huston, Benjamin F. (See Akers and Huston.)						
Huston, David H. (See Erb and Powlison, assignors.)						
Huston, Isaac G., and C. R. Burnette, Mount Blanchard, Ohio. Label-case.	838,544	Dec. 18	2534	549	125	2070
Hutchens, William A., Eldora, Iowa. Draft-equalizer.	839,763	Dec. 25	4946	1056	125	2705
Hutchings, Charles F., Bay City, Mich. Electrical-circuit breaker.	820,421	May 15	2837	618	122	752
Hutchings, John, London, England. Means and apparatus employed in generating mo-						
tive power from waves, tides, or the like movements of water.	827,639	July 31	6109	1269	123	1603
Hutchings, John, London, England. Apparatus for generating motive power from the						
movements of tides, waves, and the like movements of water.	828,659	Aug. 14	1933	406-8	123	2180
Hutchings, John, London, England. Apparatus for generating power from waves, tides,						
or the like.	832,482	Oct. 2	928	181	124	1435
Hutchins, Arthur W., Providence, R. I. Mechanical movement.	808,928	Jan. 2	604	132	120	133
Hutchins, Arthur W., assignor to Measuring Appliance Company, Providence, R. I.						
Automatic dose-measuring bottle or vessel.	820,576	May 15	3156	680	122	824
Hutchins, Claire, Buffalo, N. Y. Strainer-spoon.	827,101	July 31	4923	1028	123	1306
Hutchins, Francis E., Warren, Ohio. Instrument for measuring angles.	814,292	Mar. 6	564	119-20	121	121
Hutchins, Frederick, Harlesden, England. Flexible toothed element.	820,789	May 15	3544	760	122	910
Hutchins, Ralph G., Chicago, Ill. Gondola car.	828,289	Aug. 7	1199	250	123	1965
Hutchins, Ralph G., Chicago, Ill. Gondola car.	828,290	Aug. 7	1202	250	123	1966
Hutchinson, Charles G., Philadelphia, assignor of three-fifths to J. W. Rowland, O. D.						
Bleakley, and C. W. Mackey, Franklin, Pa. Individual car-lift.	815,834	Mar. 20	3765	792	121	926
Hutchinson, Charles W., Allegheny, N. J. Sleeve-adjuster.	823,534	June 19	2656	559	122	2413
Hutchinson, Clinton C., Portland, Ore. Excavating, ditching, and grading machine.	834,729	Oct. 30	5069	1203-4	124	2782
Hutchinson, Edson L. (See Moore and Hutchinson.)						
Hutchinson, Edson L., Honolulu, Hawaii. Dental clamp.	811,848	Feb. 6	596	130	120	1610
Hutchinson, Edson L., Honolulu, Hawaii. Teeth-separator.	811,849	Feb. 6	597	130	120	1611
Hutchinson, Edward, Panuco, Mexico. Air-ship.	837,472	Dec. 4	389	89-90	125	1455
Hutchinson, George, Seatoun, New Zealand. Milking-machine.	814,212	Mar. 6	412	85	121	90
Hutchinson, George, Seatoun, New Zealand. Milking-machine.	827,311	July 31	5358	1113-14	123	1416
Hutchinson, George H. (See O'Keefe, Daniel, assignor.)						
Hutchinson, Henry J., Vancouver, British Columbia, Canada. Knife-polishing device.	836,189	Nov. 20	2556	537	125	731
Hutchinson, Robert H., assignor of one-half to J. D. Newton, New York, N. Y. Com-						
combined sponge and soap cake.	821,245	May 22	4524	963	122	1186
Hutchinson, William F. (See Weston, Milton T., assignor.)						
Hutchinson, William F., assignor to Metals Manufacturing Company, Nyack, N. Y.						
Metallic sign.	820,359	May 8	2697	589	122	664
Hutchinson, William F., Nyack, N. Y., assignor to Sarnia Match Company, Sarnia, Onta-						
rio, Canada. Match-machine.	834,620	Oct. 30	5465	1160-1	124	2730
Hutchinson, William S., Boston, Mass. Electroplating apparatus.	838,716	Dec. 18	2857	615	125	2149
Hutchinson, William S., Boston, Mass. Electroplating.	838,717	Dec. 18	2858	615	125	2149
Hutchinson, John, Jackson, Mich. Boiler-cleaner.	825,971	July 17	2626	546	123	702
Hutchison, Joseph C., Philadelphia, Pa. Conveyor for pie-making machines.	815,707	Mar. 20	3471	724	121	865
Hutchison, Joseph C., Philadelphia, Pa. Machine for making pies.	817,488	Apr. 10	1876	395	121	1827
Hutchison, Joseph C., Philadelphia, Pa. Machine for making pies.	835,756	Nov. 13	1726	367-8	125	477
Hutchison, Maurice F., Floris, Va., assignor of one-fourth to C. E. Riordon, Washington,						
D. C. Lock.	817,567	Apr. 10	2031	428	121	1859
Hutchison, Robert B., Wilksburg, Pa. Surface-cleaning machine.	815,557	Feb. 27	4088	896	120	2524
Huth, Albert G., Onondaga Valley, N. Y. Blouse.	817,172	Apr. 10	1233	254	121	1693
Huther, Angus E. (See Huther, Warren B., assignor.)						
Huther, Angus E., et al. (See Sears, George H., assignor.)						
Huther, Warren B., et al. (See Sears, George H., assignor.)						
Huther, Warren B., assignor of one-half to A. E. Huther, Rochester, N. Y. Cutting-						
head.	817,568	Apr. 10	2033	428	121	1859
Hutin, Maurice, and M. Leblanc, Paris, France, assignors, by mesne assignments, to West-						
inghouse Electric and Manufacturing Company. Multiple telegraphy and telephony.	838,545	Dec. 18	2535	549-50	125	2070

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Hutmacher, Julius A. (See Dannert, Fritz, assignor.)						
Hutton, George H., Jr., Baltimore, Md. Rear seat for vehicles	830,325	Sept. 4	856	176	124	213
Hutton, George H., Jr., Baltimore, Md. Folding stool	830,326	Sept. 4	857	177	124	213
Hutton, James M., <i>et al.</i> (See Alexander, Jesse, assignor.)						
Hutton, Noah M., Chicago, Ill. Door-latch	823,786	June 19	3123	662	122	2515
Hutton, Robert S. (See Bottomley, Hutton, and Paget.)						
Huverstuhl, Joseph. (See Flanagan and Huverstuhl.)						
Huxley, Charles E., assignor to H. J. Solon, Chicago, Ill. Broom	822,667	June 5	872	179	122	1921
Huyx, Joseph G., New Orleans, La. Trunk	832,608	Oct. 9	1189	238	124	1541
Huyett, Milton M., Abilene, Kans. Adjustable pattern for wagon-hounds	831,870	Sept. 25	3978	831	124	1097
Hyatt, Benjamin S. (See Robbins and Hyatt.)						
Hyatt, Ernest E., Birkenshaw, near Bradford, England. Colotomy-truss	838,334	Dec. 11	2125	459	125	1926
Hyatt, Frank E., Joliet, Ill. Folding umbrella	828,605	Aug. 14	1832	386	123	2155
Hyatt, John W., Newark, N. J. Shoe for pneumatic tires	814,377	Mar. 6	764	154-5	121	169
Hyatt, John W., Newark, N. J., assignor to F. S. Warmoth, Lawrence, La. Disintegrating-machine	813,300	Feb. 20	3547	782	120	2346
Hyatt Roller Bearing Company. (See Crane, Thomas S., assignor.)						
Hyatt Roller Bearing Company. (See Lockwood, Charles S., assignor.)						
Hyatt Roller Bearing Company. (See Mott, Charles S., assignor.)						
Hyatt Roller Bearing Company. (See Shirley, Cephas I., assignor.)						
Hyatt, Samuel W., Mount Vernon, Ohio. Gas-burner	810,653	Jan. 23	4181	864	120	1034
Hyatt, Samuel W., Columbus, Ohio. Pressure-regulator for gas-burners	835,221	Nov. 6	689	142	125	175
Hybarger, Edmund M. (See Huffman, James G., assignor.)						
Hyde, Augustus C., Ealing, assignor of one-half to K. R. Swan, Holland Park, England. Manufacturing leading-in terminals	825,219	July 3	1058	223	123	276
Hyde, Darwin, Mount Tabor, Oreg. Brick-dumping machine	831,073	Sept. 18	2377	500-1	124	658
Hyde, Eli J., Spokane, Wash. Tooth-brush holder	832,975	Oct. 9	1922	401	124	1714
Hyde, Elmer A., Villisca, Iowa. Window-sash holder	811,402	Jan. 30	5651	1183	120	1386
Hyde, Frank S., Riverside, Cal. Steam-engine	813,301	Feb. 20	3549	782	120	2347
Hyde, George, Pawhuska, Okla. Ter. Amusement apparatus	836,260	Nov. 20	2712	577	125	771
Hyde, Hiram, Wentworth, Canada. Window	821,101	May 22	4258	906	122	1126
Hyde, Newton H., Manchester, Iowa. Color photography	827,241	July 31	5225	1085	123	1385
Hyde, Samuel W., Boise, Okla. Ter. Hymn-indicator	814,213	Mar. 6	415	86	121	90
Hyden, Ida F., <i>et al.</i> (See Hyden, Peter N., assignor.)						
Hyden, Peter N., assignor to I. F. Hyden and E. S. Endrea, Chicago, Ill. Car-truck	820,718	May 15	3411	729-30	122	878
Hyder, Benjamin W., Rutherfordton, N. C. Protector for telegraph and telephone poles	822,131	May 29	6280	1337	122	1633
Hydraulic Portland Rock Company. (See Hendrickson, John H., assignor.)						
Hydro-Press Manufacturing Company. (See Rivers, Julian H., assignor.)						
Hyet, Bertram E. (See Yutzy and Hyet.)						
Hygienic Soap Granulator Company. (See Schwechler, John, assignor.)						
Hygienic Soap Granulator Company. (See Shaver, George F., assignor.)						
Hylander, John P., Portland, Oreg. Multiple-drill socket	838,999	Dec. 18	3369	727	125	2271
Hyman, Robert L. (See Turner and Hyman.)						
Hymes, David, Chicago, Ill. Sewer-opener	834,135	Oct. 23	4501	955	124	2442
Hynes, Lee P. (See Pine and Hynes.)						
I. B. Kleinert Rubber Co. (See Rubin, Max, assignor.)						
I. B. Kleinert Rubber Company. (See Kleinert, Isaac B., assignor.)						
I. B. Kleinert Rubber Company. (See Shedlock, Alfred, assignor.)						
I. R. Refractory Ore Syndicate. (See Atkinson, Leslie V., assignor.)						
Ibbott, John H. P., and W. R. Yearwood, New Amsterdam, British Guiana. Key	828,480	Aug. 14	1593	336	123	2093
Iberg, George G., assignor of one-half to G. J. Iberg, Rochester, Minn. Measure for shoes	827,447	July 31	5665	1174	123	1491
Iberg, Gottlieb J. (See Iberg, George G., assignor.)						
Ickes, Carl, Chicago, Ill. Greenhouse	820,198	May 8	2390	519	122	594
Ickringill, Arthur J., Keighley, England. Mechanism for measuring and marking fabrics and other flexible materials	825,128	July 3	871	183-4	123	231
Ideal Automatic Pump Governor Company. (See McMullen, Howard H., assignor.)						
Ideal Concrete Machinery Company. (See Borst, Frank A., assignor.)						
Ideal Concrete Machinery Company. (See Borst and Groscop, assignors.) (Reissue.)						
Ideal Register & Metallic Furniture Company. (See Petroskey, John H., assignor.)						
Ideal Shaft Support Co. (See Lanham, Sanford W., assignor.)						
Ideal Sifter Company. (See Treleven, Walter N., assignor.)						
Igou, Dennis T., Springfield, assignor to Standard Candy Machine Company, Columbus, Ohio. Machine for forming and wrapping confections	833,785	Oct. 23	3573	763-5	124	2214
Igou, Dennis T., Springfield, assignor to Standard Candy Machine Company, Columbus, Ohio. Machine for forming confections	833,786	Oct. 23	3582	765-6	124	2215
Ihart, John P., New York, N. Y. Lacquer or varnish	811,563	Feb. 6	53		120	1496
Ihlder, John D. (See Baldwin and Ihlder.)						
Ihlder, John D., New York, N. Y., assignor to Otis Elevator Company, East Orange, N. J. Elevator-control system	820,498	May 15	2992	646	122	787
Ihlder, John D., New York, N. Y., assignor to Otis Elevator Company, East Orange, N. J. Electric-elevator-control system	820,499	May 15	3000	646	122	789
Ihle, Gustav, Berlin, assignor to M. Steinberg, Charlottenburg, near Berlin, and M. Tritter, Berlin, Germany. Speed-indicator	815,708	Mar. 20	3472	725	121	865
Ihrig, Luther G., Lenoxburg, Ky. Implement for deadening tobacco-plants	837,473	Dec. 4	393	90	125	1454
Ike, John, assignor to H. Z. Peters, Deadwood, S. D. Cyanid-tank gate	820,116	May 8	2237	486	122	562
Ikeler, Frank, <i>et al.</i> (See Kemper, Otto, assignor.)						
Ilg, Robert A., assignor of one-half to T. Ilg, Chicago, Ill. Protective device for ventilating-fans	831,284	Sept. 18	2800	590	124	759
Ilg, Theresa. (See Ilg, Robert A., assignor.)						
Ilihan, Anthony H., Oakland, Cal. Cross-arm for electric or signal wires	816,981	Apr. 3	874	181	121	1552
Ilig, William J. (See Lorenz, Alexander, assignor.)						
Ilig, Edward E., New York, N. Y. Filing-case	815,535	Mar. 20	3128	654	121	789
Ilig, Henry G. (See Halliburton, Martin J., assignor.)						
Ilingworth, John, Newark, N. J. Ingot-casting machine	810,654	Jan. 23	4182	864	120	1035
Illinois Malleable Iron Company. (See Wayman, William O., assignor.)						
Illinois Pacific Glass Company. (See Bennett, Edward O., assignor.)						
Illinois-Pacific Glass Company. (See Mackin, Francis J., assignor.)						
Illinois Sewing Machine Company <i>et al.</i> (See Baurmann, Gustav, assignor.)						
Illinois Sewing Machine Company. (See Free, William C., assignor.)						
Illinois Steel Company <i>et al.</i> (See Charlton, Richard B., assignor.)						
Illinois Steel Company. (See Mathias, Thomas H., assignor.)						
Imes, James S., assignor of two-thirds to W. G. Wilson and G. M. Bowman, McKeesport, Pa. Rail-joint	830,438	Sept. 4	1093	228	124	270
Imeson Francis E., Thornaby-on-Tees, England. Finger-contact for electric controllers	829,403	Aug. 28	3469	730	123	2644
Imlay, Lorin E. (See Willis and Imlay.)						
Imlay, Lorin E., Niagara Falls, N. Y. Wattmeter	838,784	Dec. 18	2990	644	125	2180

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Immerheiser, Carl, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Bavaria, Germany. Coloring-matter lake	833,602	Oct. 16	3230		124	2086
Imperial Brass Manufacturing Company. (See Wixon, Howard, assignor.)						
Imperial Ore Separator Company. (See Moffatt, Richard R., assignor.)						
Impey, Francis L., Manchester, England. Container	825,972	July 17	2628	546	123	703
Improved Boiler Feed Company. (See Moffat, Walter A., assignor.)						
Improved Paper Machinery Company. (See Cutter, George A., assignor.)						
Improved Paper Machinery Company. (See Parker, Howard, assignor.)						
Imrie, Andrew D., Ferney, S. D. Folding egg-crate	810,283	Jan. 16	3391	701-2	120	824
Incandescent Heat Company. (See Smallwood, Alfred, assignor.)						
Inches, David, North Bend, and E. J. Hosker, Kamloops, British Columbia, Canada. Triple valve	833,965	Oct. 23	4091	872	124	2336
Inches, David, North Bend, and E. J. Hosker, Kamloops, British Columbia, Canada, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Stop-cock handle. (Reissue)	12,574	Dec. 11	2467	536	125	2009
Indahl, Mauritz C. (See Bancroft and Indahl.)						
Indelli, Felix M., New York, N. Y. Combination-padlock	835,304	Nov. 6	854	181	125	216
Independence Iron Works Company. (See Mack, Patrick H., assignor.)						
Independent and Auxiliary Gas Company. (See Lawrence, Robert S., assignor.)						
Independent Button and Machine Company. (See Breitenstein, Julius G., assignor.)						
Independent Manufacturing Company. (See Scotford, Louis K., assignor.)						
Indiana Manufacturing Company. (See Felsing, Samuel D., assignor.)						
Indiana Manufacturing Company. (See Nethery, Joseph W., assignor.)						
Indiana Manufacturing Company. (See Sharpe, Joseph K., Jr., assignor.)						
Indiana Veneer and Lumber Company. (See Pruitt and Price, assignors.)						
Indianapolis Switch and Frog Company. (See Shaw, George S., assignor.)						
Indianapolis Watchman Clock Company. (See Berry, John J., assignor.)						
Industrial Development Company. (See Goodspeed, Arthur B., assignor.)						
Industrial Engineering Company. (See Miller, Luther O., assignor.)						
Industrial Motor Company. (See Clarke, James B., assignor.)						
Industrial Motor Company. (See Schroeder, George G., assignor.)						
Industrial Patents. (See French, Stephen, assignor.)						
Industrial Transportation Company. (See Henderson, William W., assignor.)						
Industrial Transportation Company. (See Schroeder, George G., assignor.)						
Ingalls, Charles N. P., Lynn, Mass. Door check or fastener	809,062	Jan. 2	864	183	120	191
Ingersoll, Charles J., Houston, Tex. Clothes-pin	835,757	Nov. 13	1731	369	125	478
Ingersoll, Emmet M. (See Griffiths and Ingersoll.)						
Ingersoll, Emmet M., Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Paper-guide for type-writing machines	824,362	June 26	4203	898	122	2806
Ingersoll, Emmet M., Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Carriage-release device for type-writers	837,569	Dec. 4	571	133	125	1498
Ingersoll, Frederick. (See Palmer, Albert D., assignor.)						
Ingersoll, Frederick, Pittsburg, Pa. Amusement device	830,838	Sept. 11	1910	399-402	124	512
Ingersoll, Oliver R., Brooklyn, N. Y. Life-boat	828,852	Aug. 14	2313	492	123	2276
Ingersoll-Rand Company. (See Gibson, Arthur H., assignor.)						
Ingersoll-Rand Company. (See Longacre, Frederick V., assignor.)						
Ingersoll-Rand Company. (See Prellwitz, William, assignor.)						
Ingersoll-Rand Company. (See Sergeant, Henry C., assignor.)						
Ingersoll-Sergeant Drill Company. (See Cooper, John, assignor.)						
Ingersoll-Sergeant Drill Company. (See Gibson, Arthur H., assignor.)						
Ingersoll-Sergeant Drill Company. (See Longacre, Frederick V., assignor.)						
Ingersoll-Sergeant Drill Company. (See Prellwitz, William, assignor.)						
Ingersoll-Sergeant Drill Company. (See Taylor, Albert H., assignor.)						
Ingham, Mark, North Chelmsford, Mass. Jack or dresser spooling machine	822,278	June 5	105	21-2	122	1751
Ingle, James, London, England. Branding-machine for casks, cases, and the like	821,039	May 22	4136	879	122	1099
Ingledue, Charles W., Lima, Ohio. Box-fastener	830,074	Sept. 4	327	65	124	80
Ingledue, Harvey R., Chicago, Ill. Hay-rake	818,451	Apr. 24	3790	814	121	2351
Inglist, Alexander, Indianapolis, Ind. Motor-vehicle	811,403	Jan. 30	5652	1183	120	1386
Ingraham, Matthew W., Glace Bay, Nova Scotia, Canada. Spring bed-bottom	839,293	Dec. 25	3994	857	125	2472
Ingram, Wesley E., assignor of one-third to F. R. Clarke, Stockton, Cal. Driving and steering mechanism for motor-vehicles	826,940	July 24	4573	952	123	1207
Inland Type Foundry. (See Schraubstadter, William A., assignor.)						
Inland Type Foundry. (See Wilson, Herbert S., assignor.)						
Inman, Charles T., and H. A. Robinson, Akron, Ohio. Cement and concrete binder	828,550	Aug. 14	1737	365	123	2130
Inman, Edward R., Franklin, Pa. Brake-beam	834,524	Oct. 30	5262	1118	124	2679
Inman, Edward R., assignor to Producers Supply Company, Franklin, Pa. Combined governor and safety device for gas-engines	833,393	Oct. 16	2790	589	124	1983
Inman, Harry A., Amsterdam, N. Y. Box-covering machine	810,414	Jan. 23	3705	763-4	120	927
Inman, John T. (See Inman, Roy W., assignor.)						
Inman, Joseph, Sherman, Tex. Truss-bridge	834,621	Oct. 30	5470	1161	124	2730
Inman, Orion D. W., Beloit, Wis. Molding-machine	817,489	Apr. 10	1877	395-6	121	1827
Inman, Orion D. W., Beloit, Wis. Staple-driving appliance	823,123	June 12	1808	372	122	2169
Inman, Roy W., assignor to J. T. Inman, Attleboro, Mass. Bracelet	820,645	May 15	3262	701	122	846
Inman, Wesley J., assignor of five-eighths to J. H. Warren and C. H. McCormick, Fort Worth, Tex. Exhaust-controlling valve	816,098	Mar. 27	4301	911	121	1095
Inman, William H. (See Lord, Peter, assignor.)						
Innes, John T., Mount Gambier, South Australia, Australia. Water-feeding device for steam-boilers	816,471	Mar. 27	5065	1075	121	1256
Innovate Manufacturing Company. (See Gregory, Fred L., assignor.)						
Insell, Robert J. (See Jacobs and Insell.)						
Insell, Robert J. (See Jacobs, Insell, Newton, and Bowden.)						
Insley, Harry E. (See Moler, Insley, and Phillips.)						
Instructing and Manufacturing Company. (See Higgins, Charles S., assignor.)						
Insull, Samuel. (See Ball, Henry P., assignor.)						
Inter-West Peat Fuel Company. (See Kellond, Robert A., assignor.)						
Interlocking Fence Company. (See Claudin, John L., assignor.)						
Interlocking Fence Company. (See Elwell and Grimm, assignors.)						
International Amusement & Racing Association. (See May, Louis B., assignor.)						
International Cigar Machinery Company. (See Herrington and Knight, assignors.)						
International Cigar Machinery Company. (See Knight, Harry, assignor.)						
International Cigar Machinery Company. (See Luckett, William S., assignor.)						
International Cigar Machinery Company. (See Tyberg, Oluf, assignor.)						
International Cigar Machinery Company. (See Woodford, Allan G., assignor.)						
International Cotton Company. (See Graves, John W., assignor.)						
International Cotton Seed Delinting Company. (See Ragsdale, William A., assignor.)						
International Desiccating Company. (See Jaques, William E., assignor.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
International Electric Meter Company. (See Gano, John C., assignor.)						
International Electric Meter Company. (See Lea, John M., assignor.)						
International Electric Meter Company. (See Patrick, Joshua, assignor.)						
International Harvester Company. (See Anker-Hoth, Severin C., assignor.)						
International Harvester Company. (See Bartlett, George H., assignor.)						
International Harvester Company. (See Dennis and Rice, assignors.)						
International Harvester Company. (See Ellis, George H., assignor.)						
International Harvester Company. (See Grieves, Albert, assignor.)						
International Harvester Company. (See Haskins, James H., assignor.)						
International Harvester Company. (See Johnston, Edward A., assignor.)						
International Harvester Company. (See Kennedy and Sharp, assignors.)						
International Harvester Company. (See Lake, Frank A., assignor.)						
International Harvester Company. (See Latimer, John W., assignor.)						
International Harvester Company. (See Livesay, Robert C., assignor.)						
International Harvester Company. (See Pearson, Charles, assignor.)						
International Harvester Company. (See Pitkin, Julian H., assignor.)						
International Harvester Company. (See Podlesák, Henry J., assignor.)						
International Harvester Company. (See Rand, Charles A. A., assignor.)						
International Harvester Company. (See Ryther, Frank A., assignor.)						
International Harvester Company. (See Ryther and Ellis, assignors.)						
International Harvester Company. (See Sperry, Herbert B., assignor.)						
International Harvester Company. (See Stone, John A., assignor.)						
International Lubricator Company. (See Pepple, John W., assignor.)						
International Malt Machine Company <i>et al.</i> (See Free, John W., assignor.)						
International Motor Plow Company. (See Kurtz, Samuel E., assignor.) (Reissue.)						
International Nickel Company. (See Maffett, Robert R., assignor.)						
International Oxy-Generator Syndicate. (See Rosenberg, Augustus, assignor.)						
International Pavement Company. (See McCarter, Louis N., assignor.)						
International Railway Device Company. (See Whealon, Francis O., assignor.)						
International Register Company. (See Kirchhoff, William G., assignor.)						
International Register Company. (See McCormick and Morrison, assignors.)						
International Register Company. (See Woodward, Arthur H., assignor.)						
International Sand Blast Company. (See Kelly, William H., assignor.)						
International Separator Company. (See Dunham, Lewis A., assignor.)						
International Separator Company. (See Snyder, Frederick T., assignor.)						
International Separator Company. (See Wait, Henry H., assignor.)						
International Separator Company. (See Wait and Snyder, assignors.)						
International Shirt & Collar Co. (See Hess, Wendell, Jr., assignor.)						
International Silver Co. (See Decherd, Constant K., assignor.)						
International Silver Co. (See Kintz, Robert R., assignor.)						
International Silver Co. (See Ohl, George, assignor.)						
International Silver Company. (See Devine, Robert E., assignor.)						
International Silver Company. (See Gault, John H., assignor.)						
International Steam Pump Company. (See Woodford, Bronson C., assignor.)						
International Switch and Signal Company. (See Shaw, Francis G., assignor.)						
International Switch and Signal Company. (See Young, Frank L., assignor.)						
International Telephone Construction Company. (See Shoemaker, Harry, assignor.)						
International Telephone Manufacturing Company. (See McCormick, William E., assignor.)						
International Tool Company of Chicago. (See Leineweber, Herman, assignor.)						
International Wireless Telegraph Company <i>et al.</i> (See Shoemaker, Harry, assignor.)						
Interstate Drainage & Investment Company. (See Rood, Edwin O., assignor.)						
Interstate Engineering Company. (See Fitch, Thomas W., Jr., assignor.)						
Ippers, John W., assignor to A. H. Walker, trustee, New York, N. Y. Photomechanical printing.....	809,955	Jan. 16	2693	555	120	677
Ippers, John W., assignor to A. H. Walker, trustee, New York, N. Y. Photomechanical printing.....	812,495	Feb. 13	1962	431	120	1966
Ippers, John W., assignor to A. H. Walker, trustee, New York, N. Y. Photography.....	812,748	Feb. 13	2453	538-9	120	2064
Irazoqui, Julian, Caibarien, Cuba. Vacuum-pan.....	831,556	Sept. 25	3328	698	124	929
Ireland, A. Bertsell, Greene, N. Y. Casein-picker.....	810,655	Jan. 23	4184	864	120	1035
Ireland, James B. (See Patterson and Ireland.)						
Irick, John S., Chicago, Ill. Tray-holder for trunks.....	838,861	Dec. 18	3132	675	125	2217
Irion, William, Morrison, Ill. Mail-bag-delivering device.....	829,213	Aug. 21	3088	649	123	2505
Iron City Tool Works. (See Konold, George F., assignor.)						
Iron Telephone Company. (See Reynolds, Egbert A., assignor.)						
Iroquois Machine Company. (See Horton, James A., assignor.)						
Iroquois Machine Company. (See Horton, James A., assignor.) (Reissue.)						
Iroquois Machine Company. (See Tucker, Zechariah R., assignor.)						
Irvin, Alexander W., Altoona, Pa. Hose-coupling.....	825,220	July 3	1060	223	123	277
Irvin, King, Marysville, Pa. Threadless bolt.....	831,440	Sept. 18	3087	654	124	831
Irving, Harley T. (See Marlowe and Irving.)						
Irving, James A., Philadelphia, Pa. Toy top.....	814,962	Mar. 13	1907	401	121	471
Irwin, Clifton W. (See Colburn, Washburn, and Irwin.)						
Irwin, Fred, assignor of one-third to G. J. Cameron, Detroit, Mich. Car-coupling.....	838,188	Dec. 11	1838	394	125	1858
Irwin, Harold, Hawkes Bay, New Zealand. Alarm.....	815,709	Mar. 20	3473	725-6	121	866
Irwin, Herbert E., Galesburg, Ill. Resilient heel and sole.....	812,496	Feb. 13	1967	432	120	1966
Irwin, Ralph E., Ligonier, Pa. Scaffold-bracket.....	818,965	Apr. 24	4822	1037	121	2574
Irwin, William A., Taunton, Mass. Animal-releasing device.....	828,660	Aug. 14	1937	408-9	123	2180
Irwin, William J. (See Hunt, Walter Y., assignor.)						
Irwin, William W., Juneau, Alaska. Rake.....	814,705	Mar. 13	1430	298-9	121	372
Irwin, William W., assignor to Berger Manufacturing Company, Canton, Ohio. Metal trimming and slitting machine.....	824,694	June 26	4893	1040-1	122	2952
Isaacs, Irving C., Chicago, Ill. Brush.....	817,117	Apr. 3	1121	232	121	1609
Isaacs, Jacob. (See Orkin, Jacob I., assignor.)						
Isaacs, John D., Oakland, and J. B. Speed, Berkeley, assignors to Rifed Pipe Company, San Francisco, Cal. Helicolly-rifled fluid pipe-line.....	808,752	Jan. 2	262	57	120	60
Isaacs, John D., Oakland, and J. B. Speed, Berkeley, assignors to Rifed Pipe Company, San Francisco, Cal. Fluid-nozzle.....	835,619	Nov. 13	1478	316	125	417
Isaacs, John D., Oakland, W. W. Slater and M. R. Daniels, San Francisco, Cal. Semaphore switch-stand.....	824,869	July 3	379	72	123	104
Isaacs, John D., Oakland, W. W. Slater and M. R. Daniels, San Francisco, Cal. Semaphore switch-stand.....	824,870	July 3	381	73	123	104
Isaacs, Mone R., Philadelphia, Pa. Glue or sizing.....	838,785	Dec. 18	2992	.....	125	2181
Isaacs, Moses, and M. Pellar, New York, N. Y. Fabric-folding machine.....	819,548	May 1	1009	221	122	227
Isacke, Clarence E., New York, N. Y. Show device.....	814,706	Mar. 13	1432	299	121	373
Isacke, Clarence E., New York, N. Y. Folding display-box.....	823,604	June 19	2776	588	122	2439

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Isakson, John, Bonner, Mont. Rotary engine.....	839,764	Dec. 25	4947	1056	125	2706
Isaman, Joshua A. (See Mitchell and Isaman.)						
Isham, William, and F. E. Miller, Ionia, Mich. Road-culvert.....	809,304	Jan. 9	1393	283	120	342
Isler, Max H. (See Bally and Isler.)						
Isler, Max H., Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthraquinon compound and making same.....	814,137	Mar. 6	268		121	59
Isler, Max H., Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthraquinon aldehyde and making same.....	828,741	Aug. 14	2106		123	2224
Isler, Max H., Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene derivative and making same.....	831,002	Sept. 11	2199		124	582
Isler, Max H., Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same.....	837,840	Dec. 4	1105		125	1628
Isreal, Joseph. (See McKeown, James, assignor.)						
Iuppenlatz, Louis N., assignor of one-half to A. Favors, Orestes, Ind. Gas-generating attachment for oil-lamps.....	835,859	Nov. 13	1921	406	125	525
Ivarson, John F., Boston, Mass. Tool for reseating valves, couplings, &c.....	829,788	Aug. 28	4315	911	123	2853
Ive, Dominik, Solingen, Germany. Means for fastening the heads of tail-hammers.....	826,168	July 17	3011	625	123	798
Iversen, Henry, Corsicana, Tex. Electric clock.....	839,765	Dec. 25	4948	1057	125	2706
Iverson, John G., assignor to C. E. Cottrell, Minneapolis, Minn. Machine for sizing barrel-hoops and securing the ends thereof.....	815,835	Mar. 20	3768	792-6	121	927
Iverson, Michael S., New York, N. Y. Floating elevator or lighter.....	812,206	Feb. 13	1401	304-5	120	1844
Ives, Edward R., assignor to Ives Manufacturing Corporation, Bridgeport, Conn. Toy railway and telegraph-pole.....	823,947	June 19	3429	732	122	2583
Ives, Edward R., assignor to Ives Manufacturing Corporation, Bridgeport, Conn. Toy-railway gate.....	831,285	Sept. 18	2802	591	124	760
Ives, Ernest C., Warren, Pa. Sewing-machine.....	837,269	Nov. 27	4744	1005	125	1303
Ives, Ernest C., assignor to J. H. and T. Perks, Warren, Pa. Shears and scissors sharpener.....	828,853	Aug. 14	2315	492	123	2276
Ives, Frederic E., Woodcliffe-on-the-Hudson, N. J. Diffraction-grating replica.....	818,966	Apr. 24	4824	1037	121	2575
Ives, Herbert E., Woodcliffe-on-the-Hudson, N. J. Diffraction color photograph and making same.....	817,569	Apr. 10	2034	429	121	1859
Ives, Hubert R., Montreal, Canada. Light-fixture.....	819,068	May 1	62	14	122	18
Ives Manufacturing Corporation. (See Ives, Edward R., assignor.)						
Ives, Walter T., Montreal, Quebec, Canada. Match-box.....	836,927	Nov. 27	4080	871	125	1139
Iveson, Albert E., Gainsborough, and A. R. Wilson, Brighton, England; said Wilson assignor to said Iveson. Communiting-machine.....	812,749	Feb. 13	2457	539	120	2065
Ivey, Romulus L., and R. D. McDonald, assignors of one-third to S. V. Hough, De Land, Fla. Turpentine-box-cutting machine.....	809,444	Jan. 9	1700	349-51	120	407
Ivory, James W., Philadelphia, Pa. Dental-instrument holder.....	812,567	Feb. 13	2122	465	120	1999
Ivy, Robert W., New London, N. C. Cotton-picker.....	835,949	Nov. 13	2078	444	125	562
Iwan, William L., Streator, Ill. Combination implement.....	818,627	Apr. 24	4165	896	121	2431
Iwanami, Takao, assignor of one-half to E. M. Greene, Washington, D. C. Diving apparatus.....	835,950	Nov. 13	2080	444-5	125	562
Iwanami, Takao, and M. R. Woodward, Washington, D. C. Diving apparatus.....	813,431	Feb. 27	3830	838-9	120	2463
J. Chalewski Farm Hill Manufacturing Company. (See Chalewski, Julian, assignor.)						
J. Pohlitz, Aktien-Gesellschaft. (See Ellingen and Doeble, assignors.)						
J. Stevens Arms & Tool Co. (See Savage, Arthur J., assignor.)						
J. Stevens Arms & Tool Company. (See Elder, Edward H., assignor.)						
J. A. Engel and Co. (See Sester, Charles P., assignor.)						
J. A. Fay & Egan Company. (See Thomas, John R., assignor.)						
J. A. Kelly & Bros. (See Kelly, William J., assignor.)						
J. B. Colt Company. (See Goodyear, Nelson, assignor.)						
J. B. Colt Company. (See Shaw, Louis E., assignor.)						
J. B. Inderrieden Co. (See Cox, Cary S., assignor.)						
J. E. Mergott Company. (See Hering and Fuller, assignors.)						
J. E. Mergott Company. (See Witte, Ernst E., assignor.)						
J. F. Kidder Manufacturing Company. (See Kidder, John F., assignor.)						
J. F. Parkhurst & Son Co. (See Parkhurst, Frederic H., assignor.)						
J. G. White and Company. (See Connett, Albert N., assignor.)						
J. H. Bunnell and Company. (See Zundel, Gustave A., assignor.)						
J. H. Day Company. (See Ward, Paul S., assignor.)						
J. H. Sager Company. (See Sager, James H., assignor.)						
J. I. Case Plow Works. (See Sobey, William, assignor.)						
J. I. Case Plow Works. (See Sobey and Mohr, assignors.)						
J. I. Case Threshing Machine Company. (See Dingee, William W., assignor.)						
J. I. Case Threshing Machine Company. (See MacGregor, Wallace F., assignor.)						
J. M. Quinby & Co. (See Ogden and Yelton, assignors.)						
J. M. Robinson Manufacturing Company. (See Frey, Clarence N., assignor.)						
J. R. Hughes Invention Co. (See Hughes, John R., assignor.)						
J. S. Andrews & Company. (See Green, John, assignor.)						
J. S. McDonald Company. (See McDonald, James S., assignor.)						
J. W. Seften Manufacturing Company. (See Ferres, Jeffrey T., assignor.)						
Jabulowsky, Emil, Pforzheim, Germany. Producing a black oxid on the surface of steel.....	838,546	Dec. 18	2541		125	2071
Jack, Alexander G. M. (See Hadfield and Jack.)						
Jack, Charles H., Poughkeepsie, N. Y. Ratchet jack-screw.....	830,151	Sept. 4	497	101	124	125
Jackson, Albert C., Harriman, Tenn. Inking-pad.....	818,692	Apr. 24	4290	921	121	2458
Jackson, Alexander M., Schenectady, N. Y., assignor to General Electric Company. Vapor electric apparatus.....	808,753	Jan. 2	263	57	120	60
Jackson, Alexander M., Schenectady, N. Y., assignor to General Electric Company. Vapor electric apparatus.....	815,836	Mar. 20	3776	796	121	927
Jackson, Arthur V. and W. H. Pinole, Cal. Chair attachment.....	837,570	Dec. 4	573	134	125	1498
Jackson, Benjamin A. (See Ochoa, Victor L., assignor.)						
Jackson, Benjamin F., et al. (See Monroe, Simon E., assignor.)						
Jackson, Benjamin F., assignor to Boston Crude Oil Burner Co., Boston, Mass. Burner.....	836,883	Nov. 27	3962	846	125	1115
Jackson, Benjamin F., assignor, by mesne assignments, to F. A. Hawes, Boston, Mass. Gas-furnace.....	837,571	Dec. 4	574	134	125	1498
Jackson, Calvin, assignor to H. J. Potts, Reading, Pa. Display apparatus.....	817,322	Apr. 10	1534	322-3	121	1754
Jackson, Charles B., assignor, by mesne assignments, to Patent Holding Company, Denver, Colo. Non-refillable bottle.....	833,134	Oct. 9	2230	470	124	1794
Jackson, Charles M., Palmetto, Ga. Nut-lock.....	834,730	Oct. 30	5674	1204	124	2733
Jackson, Charles W., San Diego, assignor of one-half to I. A. Lothian, Los Angeles, Cal. Elevator.....	828,029	Aug. 7	684	141	123	1840
Jackson, Cyrus W., assignor of one-half to J. A. Minturn, Indianapolis, Ind. Mush-pack-ago.....	834,474	Oct. 30	5169	1098	124	2655
Jackson, Daniel B., Seattle, Wash. Self-clearing hose-supporter.....	832,793	Oct. 9	1566	322	124	1628
Jackson, Dugald C., Chicago, Ill. Induction-motor.....	818,027	Apr. 17	2954	638	121	2119

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Jackson, Dugald C., Madison, Wis. Circuit connection for and method of operating alternating motors.	823,220	June 12	2021	420-1	122	2217
Jackson, Dugald C., Madison, Wis. Motor-starting rheostat.	829,272	Aug. 21	3206	673-4	123	2534
Jackson, Dugald C., Madison, Wis. Circuit-protective device.	835,025	Nov. 6	301	65	125	78
Jackson, Frank, assignor of two-thirds to M. Solomon and M. Hayutin, Denver, Colo. Scarf or necktie pin holder.	839,149	Dec. 25	3704	800	125	2404
Jackson, George M., Wickliffe, Ky. Fence-post.	820,199	May 8	2391	520	122	595
Jackson, George S. (See Blain and Jackson.)						
Jackson, George W., Chicago, Ill. Constructing lining-walls for shafts excavated in the earth.	835,159	Nov. 6	571	116-17	125	145
Jackson, Henry C. (See Koots and Schirmer, assignors.)						
Jackson, Henry E., assignor of one-half to R. T. Brooks, Swarthmore, Pa. Envelop.	837,228	Nov. 27	4659	990	125	1283
Jackson, Henry M., Lancaster, Ohio. Roofing.	816,581	Apr. 3	47	12	121	1364
Jackson, Henshaw. (See Burt, Jackson, and Finch.)						
Jackson, Hugh H., Lebanon, Tenn. Quilting-frame.	813,707	Feb. 27	4367	962	120	2584
Jackson, Isaac, Glossop, England. Fastening device.	811,925	Feb. 6	782	171	120	1648
Jackson, Isaac, Glossop, England. Belt-fastener.	827,869	Aug. 7	350	74	123	1757
Jackson, James E., Lynn, Mass., assignor to United-Expedito Finishing Company, Berwick, Me. Heel-finishing machine.	824,931	July 3	510	100-1	123	136
Jackson, James O. (See Petery and Jackson.)						
Jackson, Jesse, and G. R. Hobbs, Louisville, Ky. Knife for striking off brick.	823,787	June 19	3124	662	122	2516
Jackson, John, Clinton, Iowa. Bracket for step-ladders and the like.	821,498	May 22	5048	1075	122	1300
Jackson, John H., Boston, Mass. Artificial tooth.	838,415	Dec. 11	2285	495	125	1965
Jackson, John P., Orleans, Ind. Attachment to spectacles.	811,564	Feb. 6	54	11	120	1496
Jackson, John P., Orleans, Ind. Attachment to spectacles.	814,707	Mar. 13	1434	299-300	121	373
Jackson, John P., Orleans, Ind. Attachment to spectacles.	821,363	May 22	4782	1017	122	1244
Jackson, Miles I., Kentland, Ind. Gate-latch.	832,976	Oct. 9	1924	401-2	124	1714
Jackson, Percy, assignor to J. S. Schofield's Sons Co., Macon, Ga. Retort.	834,058	Oct. 23	4319	917-18	124	2394
Jackson, Percy, assignor to J. S. Schofield's Sons Co., Macon, Ga. Boiler-furnace.	809,617	Jan. 9	2043	424	120	481
Jackson, Peter H., San Francisco, Cal. Ventilator for basements and the like.	816,234	Mar. 27	4560	970	121	1150
Jackson, Peter H., San Francisco, Cal. Sidewalk, floor, and roof light construction.	816,982	Apr. 3	877	181-2	121	1553
Jackson, Peter H., San Francisco, Cal. Illuminating-tile construction.	816,984	Apr. 24	4680	1004	121	2542
Jackson, Peter H., San Francisco, Cal. Basement and like ventilator.	818,889	Oct. 16	2942	625	124	2018
Jackson, Peter H., San Francisco, Cal. Floor, sidewalk, and like construction.	833,461	Dec. 25	4587	978	125	2616
Jackson, Peter H., East Oakland, Cal. Building construction.	839,592					
Jackson, Ray P. (See Perkins and Jackson.)						
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage-regulator.	834,525	Oct. 30	5263	1118	124	2679
Jackson, Robert F. (See Morgeneier, Robert, assignor.)						
Jackson, Samuel J., New York, N. Y. Needle-bath apparatus.	833,527	Oct. 16	3066	651	124	2046
Jackson, Sheldon E., assignor of one-half to E. B. Lee, Weston, Mich. Wire fence.	819,141	May 1	206	42	122	52
Jackson, Sheldon E., and E. B. Lee, Weston, Mich. Wire-working die.	817,570	Apr. 10	2037	429	121	1860
Jackson, Taylor, Kansas City, Kans. Railway-switch mechanism.	835,532	Nov. 13	1310	280	125	375
Jackson, Thomas B., Lock No. 4, assignor of two-thirds to M. Bumer and L. Darr, Monessen, Pa. Fire-shutter.	829,339	Aug. 21	3339	703	123	2567
Jackson, Walter D., Escanaba, Mich. Torpedo-placer.	835,434	Nov. 6	1130	244	125	284
Jackson, Walter H. (See Jackson, Arthur V. and W. H.)						
Jackson, William J., San Francisco, Cal. Applying heat for the treatment of ores and metalliferous sands.	806,754	Jan. 2	264		120	61
Jackson, Wilton D., Philadelphia, assignor to F. Dutcher, Versailles, Pa. Track-torpedo.	824,019	June 19	3566	761	122	2611
Jackson, Wilton D., Philadelphia, assignor to F. Dutcher, Versailles, Pa. Track-torpedo.	824,020	June 19	3567	761	122	2611
Jacob, Frank A., assignor to F. P. Bailey, Indianapolis, Ind. Davenport.	814,606	Mar. 6	1208	252-3	121	261
Jacob, Frederick W., Amsterdam, Netherlands. Puzzle.	822,740	June 5	1021	209	122	1952
Jacob, Frederick W., London, England. Bottling beer and other liquids.	828,405	Aug. 14	1431	302	123	2051
Jacob, Heinrich. (See Handschug, August B., assignor.)						
Jacob, Heinrich. (See Neumayer and Jacob.)						
Jacob, Heinrich, assignor to Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Telescope with refracted optical axis.	831,350	Sept. 18	2921	620	124	790
Jacobs, Charles C., assignor to Jacobs' Steel Excavator Company, Amboy, Ill. Excavating-machine. (Reissue.)	12,441	Jan. 30	5882	1233-4	120	1434
Jacobs, Charles C., assignor to Jacobs' Steel Excavator Company, Amboy, Ill. Excavating-machine.	829,214	Aug. 21	3090	649-50	123	2506
Jacobs, Charles C., assignor to Jacobs' Steel Excavator Company, Amboy, Ill. Excavating-machine.	832,609	Oct. 9	1191	238-41	124	1542
Jacobs, Charles C., assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Twin-bucket excavator.	838,335	Dec. 11	2126	459-60	125	1927
Jacobs, Charles F., Chicago, Ill. Uniting metal pieces.	825,541	July 10	1765	371	123	473
Jacobs, Charles M., Reading, England. Means for eliminating or reducing the influence of disturbing-currents on telephone-circuits.	836,581	Nov. 20	3325	709	125	918
Jacobs, Charles M., and R. J. Insell, Reading, England. Signaling on railways.	835,951	Nov. 13	2083	445	125	563
Jacobs, Charles M., R. J. Insell, Reading, E. F. Newton, Cardiff, and E. A. B. Bowden, Hanwell, assignors to Western Syndicate, Limited, London, England. Signaling on railways.	833,603	Oct. 16	3232	687	124	2086
Jacobs, Frank C., Bozeman, Mont. Checking apparatus for horses.	835,620	Nov. 13	1479	316	125	417
Jacobs, Frank D., Northampton, assignor to Protected Metal Company, Springfield, Mass. Machine for making roofing material.	816,661	Apr. 3	237	55-6	121	1413
Jacobs, Frank D., Northampton, assignor to Protected Metal Company, Springfield, Mass. Roofing and siding material. (Reissue.)	12,475	Apr. 24	4986	1067	121	2612
Jacobs, Frank H., Sigourney, Iowa. Shaft for vehicles.	824,301	June 26	4088	874	122	2782
Jacobs, Frederick A., Jamaica, N. Y. Drain-valve for hydrant-pipes.	809,063	Jan. 2	866	184	120	191
Jacobs, George B., Danville, Pa. Candy-cutter.	817,854	Apr. 17	2590	558-9	121	2037
Jacobs, George W. (See Warner and Jacobs.)						
Jacobs, Henry J., assignor to Buffalo Lounge Co., Buffalo, N. Y. Tufting apparatus.	830,504	Sept. 11	1224	256	124	331
Jacobs, Jacob, New York, N. Y. Bracing for vault-lights, floors, &c.	808,660	Jan. 2	78	17	120	19
Jacobs, Jacob, Brooklyn, N. Y. Illuminating-tile.	820,200	May 8	2393	520	122	595
Jacobs, John P., Coalinga, Cal. Drilling-machine.	813,211	Feb. 20	3379	744-5	120	2310
Jacobs, John S., Dallas, Tex. Embroidering attachment for sewing-machines.	811,146	Jan. 30	5155	1078	120	1278
Jacobs, Joseph, et al. (See Kislik, Alexander, assignor.)						
Jacobs, Robert F., Baltimore, assignor of one-half to C. F. Walther, Howardville, Md. Machine for cutting or shortening linotype-slugs.	823,788	June 19	3125	662	122	2516
Jacobs' Steel Excavator Company. (See Jacobs, Charles C., assignor.) (Reissue.)						
Jacobs' Steel Excavator Company. (See Jacobs, Charles C., assignor.) (Reissue.)	818,028	Apr. 17	2958	638-9	121	2119
Jacobs, Walter V., West Salem, Ohio. Brooder.	825,542	July 10	1766	372	123	473
Jacobs, William F., Ottawa, Ill. Clutch mechanism.	825,601	July 10	1881	398-9	123	501
Jacobs, William F., Ottawa, Ill. Seed-planter.	826,856	July 24	4415	919-20	123	1168
Jacobs, William F., Ottawa, Ill. Hay-carrier.						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Disc.	Vol.	Page.
Jacobs, William H. (See Seyfert, Stanley S., assignor.)						
Jacobson, Charles F. (See Jacobson, Henry D. and C. F.)						
Jacobson, Edward B., assignor to Pittsfield Spark Coil Company, Pittsfield, Mass. Electric switch	825,838	July 10	2386	497	123	629
Jacobson, Edward B., assignor to Pittsfield Spark Coil Company, Pittsfield, Mass. High-tension terminal for spark-coils	833,135	Oct. 9	2233	471	124	1795
Jacobson, Edward B., assignor to Pittsfield Spark Coil Company, Pittsfield, Mass. Vibrator	839,000	Dec. 18	3371	727	125	2272
Jacobson, Era C. (See Walker and Jacobson.)						
Jacobson, Henry D., Atlantic, Iowa. Perforating-machine	808,661	Jan. 2	79	17	120	19
Jacobson, Henry D. and C. F., Atlantic, Iowa. Buckle	820,307	May 8	2608	568	122	644
Jacobus, David S., Jersey City, assignor to M. R. Jacobus, Ridgefield, N. J. Washing-box for photographic plates	820,646	May 15	3263	702	122	847
Jacobus, Martin R. (See Jacobus, David S., assignor.)						
Jacoby, Albert C. (See Harrison and Jacoby.)						
Jacoby, Henry C. E., Harrow, England. Means for controlling electric lifts, elevators, conveyers, &c.	828,210	Aug. 7	1017	213	123	1920
Jacoby, Medwin L., Canton, Ohio. Horse-blanket pin	809,691	Jan. 9	2193	454	120	514
Jacox, Edward H., Bessett, Nebr. Wire-reeling truck	817,248	Apr. 10	1393	294	121	1727
Jacques, Frank W., Victor, Colo. Ore-sorting belt	812,270	Feb. 13	1544	336-7	120	1878
Jacques, John S., Dorchester, Mass. Pneumatic-despatch-tube system	812,271	Feb. 13	1546	337-8	120	1878
Jacques, John S., Dorchester, Mass. Pneumatic-despatch-tube system	812,792	Feb. 13	2540	558-9	120	2062
Jaeger, Alexander, Philadelphia, Pa. Removable head for barrels	809,918	Jan. 9	2607	537	120	606
Jaeger, Charles H., New York, N. Y. Amusement device	809,956	Jan. 16	2697	556	120	677
Jaeger, Christian. (See Schoettl, Jaeger, and Walsleben.)						
Jaeger, Ferdinand, New York, N. Y. Copying apparatus	811,065	Jan. 30	4983	1040	120	1243
Jaeger, Julius, Rutherford, N. J. Machine for molding and pressing building-blocks	826,576	July 24	3874	802-3	123	1030
Jaeger, Julius, Rutherford, N. J. Machine for making concrete building-blocks	839,388	Dec. 25	4171	892-3	125	2516
Jaeger, Maximilian, New York, N. Y. Match-holder	839,766	Dec. 25	4952	1057	125	2707
Jaeger, Otto, Philadelphia, Pa. Show-case	819,432	May 1	805	173	122	181
Jaeger, Otto, Ogontz, Pa. Show or display case	821,499	May 22	5050	1075	122	1301
Jaeger, Otto, Ogontz, Pa. Merchandise-exhibitor	826,251	July 17	3165	657	123	832
Jaeger, Paul, Esslingen, Germany. Lattice	817,716	Apr. 10	2277	491	121	1911
Jaehnig, Paul H., Newark, N. J. Receptacle for electric lamps	824,021	June 19	3569	762	122	2612
Jagenberg, Ferdinand E., Düsseldorf, Germany. Copying-press	809,375	Jan. 9	1544	313-14	120	374
Jagenberg, Ferdinand E., Düsseldorf, Germany. Contrivance for covering cardboard, sheet metal, wood, &c., with paper, &c.	813,708	Feb. 27	4368	963	120	2584
Jäger, Carl, Rock Island, Ill., assignor to Rock Island Battery Company. Electrical battery	808,755	Jan. 2	265	57	120	61
Jager, Charles J., Boston, Mass. Clutch-band for friction-clutches	839,480	Dec. 25	4364	934	125	2563
Jager, Christian, Portland, Oreg. Brake-shoe	837,407	Dec. 4	260	64	125	1421
Jäger, Franz, Suhl, Germany. Rifle with hinged or tilting barrel	822,668	June 5	874	179	122	1921
Jagerspacher, Carl. (See Kroeber and Jagerspacher.) (Reissue.)						
Jahn, Frank A., Davenport, Iowa. Explosive-engine	831,286	Sept. 18	2803	591	124	760
Jahn, Frederick L. (See Watson and Jahn.)						
Jahn, Guillaume. (See Lievens and Jahn.)						
Jahn, Leo C. (See Sweeney and Jahn.)						
Jahnke, Rudolph G., assignor of one-half to J. Bencke, Cincinnati, Ohio. Nut-lock	812,497	Feb. 13	1969	432	120	1967
Jakobsson, Herman G. (See Meigs and Jakobsson.)						
Jakobsson, Herman G. (See Meigs, Jakobsson, and Sullivan.)						
James, Archibald T. (See Stewart, Charles C., assignor.)						
James B. Clow & Sons. (See Rice, Frank L., assignor.)						
James, Carleton Y. (See Dougherty, William, assignor.)						
James, Charles. (See Roberts and James.)						
James, Charles A., Stamford Hill, England. Washbasin, &c.	832,320	Oct. 2	612	115-17	124	1360
James, David D. and W. D., Delafield, Wis.; said David D. James assignor to said W. D. James. Stanchion	831,871	Sept. 25	3980	831	124	1098
James, Edwin E., Melbourne, Victoria, Australia. Expansible pulley	824,022	June 19	3575	762	122	2613
James, Guy R., Rome, Miss. Laundry-register	815,174	Mar. 13	2355	493	121	570
James, H. T., et al. (See Stocking, Harry W., assignor.)						
James, Harry, Rush Springs, Ind. Ter. Load-indicator	825,839	July 10	2389	497	123	629
James, Henry F., Franklin, Pa. Gearing	811,147	Jan. 30	5157	1078	120	1278
James, Henry F., New York, N. Y. Cigar-cutting paper-knife	824,023	June 19	3577	763	122	2613
James Hunter Machine Company. (See Kevlin, Mathew F., assignor.)						
James, Isaiah D., Roselle, N. J. Ear-guard	830,439	Sept. 4	1094	229	124	271
James, John D., Pulaski, Va. Filler	837,622	Dec. 4	686	158	125	1525
James, John R. (See Reeves, Frederick W., assignor.)						
James, John W. H., Media, Pa. Treating refractory metal-bearing ores, &c.	833,394	Oct. 16	2791	589-91	124	1985
James, Joseph, Baltimore, Md. Composition for cleaning lithographic stones	813,709	Feb. 27	4369	934	120	2584
James, Oviatt B., Macksburg, Iowa. Marker for corn-planter	830,505	Sept. 11	1226	256	124	331
James Reilly Repair and Supply Company. (See Parker, Levin S., assignor.)						
James, Thomas, Braddock, Pa. Drill-chuck	813,151	Feb. 20	3269	718	120	2288
James, Thomas, Braddock, Pa. Rope-drive	832,977	Oct. 9	1925	402	124	1714
James, Thomas J., R. McAllister, and W. S. Byram, Missoula, Mont. Surgical table	812,133	Feb. 6	1191	261	120	1732
James, Thomas L. (See James, Walter W. and T. L.)						
James, Walter W. and T. L., Rawles Springs, Miss. Apparatus for distilling wood and obtaining therefrom the different by-products	813,302	Feb. 20	3554	783	120	2347
James, Will S., North Chicago, Ill. Sash-lock	832,731	Oct. 9	1435	290	124	1598
James, Willard C., Cucamonga, Cal. Combined heater and folding furniture	813,383	Feb. 20	3718	818	120	2381
James, Willard C., Los Angeles, Cal. Folding bed	817,371	Apr. 10	1626	344	121	1775
James, Willard C., Los Angeles, Cal. Combination tub, sink, and washbowl	821,805	May 29	5671	1208	122	1495
James, Willard C., Los Angeles, Cal. Water-service	822,950	June 12	1426	298	122	2085
James, Willard C., Los Angeles, Cal. Folding bed	823,045	June 12	1629	337	122	2132
James, Willard C., Los Angeles, Cal. Combination apartment-closure and stove-fixture	825,840	July 10	2390	498	123	630
James, Willard C., Los Angeles, Cal. Kitchen and adjuncts thereto	828,481	Aug. 14	1596	337	123	2094
James, Willard C., Los Angeles, Cal. Folding bed	831,227	Sept. 18	2665	560	124	723
James, Willard C., Los Angeles, Cal. Combination lavatory, kitchen, and laundry apparatus	834,983	Nov. 6	202	44	125	53
James, William, Greenville, Miss. Ruiller for sewing-machines	833,217	Oct. 16	2424	508	124	1889
James, William D. (See James, David D. and W. D.)						
James, William H., Iowa City, Iowa. Photographic sheet	816,861	Apr. 3	625	130	121	1497
James, William S., Cleveland, Ohio. Playing-cards	832,674	Oct. 9	1324	267	124	1572
Jameson, Alexander. (See Davis and Jameson.)						
Jameson, Stewart W., Kansas City, Mo. Fountain-pen	824,790	July 3	205	37	123	59
Jameson, Albert D. (See Dean, Cyrus S., assignor.)						
Jameson, John A., Harrison, N. J. Separator for twisting-machines and the like	828,661	Aug. 14	1939	409	123	2181

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Jamieson, Robert W., assignor to R. W. Jamieson Company, New York, N. Y. Dough-mixer.	817,644	Apr. 10	2166	460	121	1888
Jamieson, William. (See Odling and Jamieson.)						
Jamison, Alpha P., La Fayette, Ind. Device for leveling joists, &c.	837,067	Nov. 27	4366	925	125	1210
Jamison, William T., et al. (See Brown, James O., Sr., assignor.)						
Jamison, William W., Hamilton, Ohio. Razor.	828,406	Aug. 14	1433	303	123	2051
Jamouneau, Osmond D., Sag Harbor, N. Y., assignor of one-half to W. H. Jamouneau, Newark, N. J. Flask.	831,074	Sept. 18	2385	501	124	661
Jamouneau, William H. (See Jamouneau, Osmond D., assignor.)						
Jandrier, Edm. (See Barbet, Emile A., assignor.)						
Jandus Electric Company. (See Stowe, Bernard A., assignor.)						
Jane, Thomas H., Chicago, Ill. Hot-water heating apparatus.	817,855	Apr. 17	2592	559	121	2038
Janes, Henry E., assignor to Janes & Kirtland, New York, N. Y. Stove and furnace.	818,628	Apr. 24	4166	896	121	2431
Janes & Kirtland. (See Janes, Henry E., assignor.)						
Janes, Orrin K. (See McPhail, Neal A., assignor.)						
Janes, William D., Saginaw, Mich. Bearing for shade-rollers.	831,075	Sept. 18	2386	501	124	661
Janes, William D., Saginaw, assignor to Quaker Shade Roller Company, Bay City, Mich. Shade-roller.	812,134	Feb. 6	1192	261	120	1732
Janesville Machine Company. (See Heyman, Edward M., assignor.)						
Janeway, Jacob J., New Brunswick, N. J. Wall-paper.	839,767	Dec. 25	4953	1057	125	2707
Janeway, John L., near Pawling, Pa. Plant and animal exterminator.	835,357	Nov. 6	966	206	125	245
Janitschek, John, Mount Vernon, N. Y. Mold for casting metals.	821,718	May 29	5499		122	1455
Jannell, Leslie D., assignor of one-half to S. J. Gonya, A. E. Stearns, and P. B. Clark, Rum-ford, Me. Punching and shearing machine.	825,731	July 10	2184	456-7	123	579
Janner, Salvator, La Chaux-de-Fonds, Switzerland. Watch.	813,432	Feb. 27	3834	839	120	2464
Janney, Robert E. L., Chicago, Ill., assignor to American Steel Foundries, New York, N. Y. Pivot-pin-retaining means for car-couplings.	820,048	May 8	2093	457	122	530
Janoushek, Frank, Jr., Milwaukee, Wis. Device for facilitating the bronzing of printed matter.	818,091	Apr. 17	3069	662	121	2142
Janowitz, Myer, assignor to R. Janowitz, Sioux City, Iowa. Steam-boiler.	811,066	Jan. 30	4984	1040	120	1243
Janowitz, Rose. (See Janowitz, Myer, assignor.)						
Jansen, Anton F., Effingham, Ill. Litter-carrier.	825,465	July 10	1592	331	123	433
Jansen, Carl K., and F. and K. Eisbrenner; said F. and K. Eisbrenner assignors to Maple Leaf Harvest Tool Company, Limited, Tilsonburg, Canada. Blank for forming five and three tined pitchforks.	832,732	Oct. 9	1436	290	124	1598
Jansen, Carl K., and F. and K. Eisbrenner; said F. and K. Eisbrenner assignors to Maple Leaf Harvest Tool Company, Limited, Tilsonburg, Canada. Blank for forming six-tined pitchforks.	832,733	Oct. 9	1435	290	124	1599
Jansen, Magdalena, Milwaukee, Wis. Lacework.	835,533	Nov. 13	1312	281	125	375
Janson, Carl A., Chicago, Ill. Emulsifier.	825,732	July 10	2187	457	123	580
Janson, Carl A., Chicago, Ill. Milk-pasteurizing apparatus.	837,068	Nov. 27	4367	925	125	1210
Janson, Erik C., assignor to C. P. J. Jonsson, Stockholm, Sweden. Vending-machine.	827,448	July 31	5667	1175	123	1492
Janssen, Frederick, and W. Barlow, Milwaukee, Wis. Elevator-guard.	839,294	Dec. 25	3995	858	125	2473
Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Braiding-machine.	810,056	Jan. 16	2930	610	120	729
Janssen, Joseph H., and F. T. Koester, Chicago, Ill. Long-distance level.	819,350	May 1	638	136	122	146
Janssens, Antoine, St. Nicolas, Belgium. Wharf or landing-stage.	813,046	Feb. 20	3040	669	120	2237
Jansson, Karl E. O., Worcester, Mass., assignor to Plunger Elevator Company. Auto-matic stop-motion apparatus.	826,577	July 24	3878	803-4	123	1030
Janton, Henri. (See Bérard and Janton.)						
Jantz, Peter B., Galva, Kans. Band-cutter and feeder.	836,766	Nov. 27	3729	795	125	1053
Japp, Henry, New York, assignor to S. Pearson and Son, Inc., Long Island City, N. Y. Apparatus for erecting tunnels.	811,404	Jan. 30	5653	1183-4	120	1386
Japp, Henry, New York, assignor to S. Pearson and Son, Inc., Long Island City, N. Y. Traveling hoist.	820,872	May 15	3732	796	122	950
Japp, Henry, New York, assignor to S. Pearson & Son, Inc., Long Island City, N. Y. Calking material.	834,731	Oct. 30	5675	1204	124	2783
Japp, Henry, New York, assignor to S. Pearson & Son, Incorporated, Long Island City, N. Y. Shield for tunnels.	834,732	Oct. 30	5676	1204	124	2784
Japp, Henry, New York, assignor to S. Pearson & Son, Inc., Long Island City, N. Y. Air-lock.	838,336	Dec. 11	2128	460-1	125	1927
Japp, Henry, New York, assignor to S. Pearson & Son, Inc., Long Island City, N. Y. Valve for air-locks and the like.	838,337	Dec. 11	2130	461	125	1927
Jacques, Luther C., and G. Sillman, Spokane, Wash. Sectional tank.	830,440	Sept. 4	1095	229	124	271
Jacques, William, Roversford, Pa. Flue-cleaner for stoves and ranges.	811,503	Jan. 30	5821	1218	120	1420
Jacques, William E., Grand Rapids, Mich. Making cementitious products or artificial stone.	829,012	Aug. 21	2635	556	123	2387
Jacques, William E., Grand Rapids, Mich. Manufacturing cementitious products or artificial stone.	829,013	Aug. 21	2639	556-7	123	2388
Jacques, William E., Grand Rapids, Mich. Apparatus for making cementitious products or artificial stone.	829,014	Aug. 21	2643	557	123	2388
Jacques, William E., Grand Rapids, Mich., assignor to International Desiccating Com-pany, Chicago, Ill. Desiccating or evaporating apparatus.	827,153	July 31	5048	1052	123	1340
Jaquet, Charles, Strassburg-Königshofen, Germany. Mixing-machine.	812,849	Feb. 20	2657	582	120	2153
Jaquet, Matthew C., Omaha, Nebr., assignor of one-half to W. W. Powers, Chicago, Ill. Base for paint and the like.	837,684	Dec. 4	817		125	1557
Jaquith, Eugene H., Clinton, Mass. Bottle-drying rack.	829,475	Aug. 28	3653	772	123	2619
Jarck, Eduard. (See Müller and Jarck.)						
Jarman, Alfred J., assignor to Paragon Photo-Chemical Company, New York, N. Y. Printing-frame.	812,426	Feb. 13	1837	403	120	1940
Jarman, Edward C. (See Harris and Jarman.)						
Jarriel, Nathan B., Manassas, Ga. Stay-bolt for boilers.	817,571	Apr. 10	2039	429	121	1861
Jarvimaki, Otto. (See Sevon and Jarvimaki.)						
Jarvis, Edgar B., Toronto, Canada. Reinforced concrete.	811,926	Feb. 6	783	171	120	1648
Jarvis, Edgar B., Toronto, Canada. Reinforced truss for concrete.	811,927	Feb. 6	784	171	120	1649
Jarvis, Edgar B., Toronto, Canada. Reinforcing-truss for concrete.	813,303	Feb. 20	3556	783	120	2348
Jarvis, Edgar B., Toronto, Canada. Reinforcing-truss for concrete.	825,884	July 10	2463	513	123	646
Jarvis, Elizabeth, Toronto, Ontario, Canada. Charcoal cooking-stove.	832,321	Oct. 2	614	117	124	1360
Jarvis, George F., Dartmouth, England. Surface heating or cooling apparatus.	817,490	Apr. 10	1880	396-7	121	1828
Jarvis, George W., Townsend, Mont. Shovel-guard.	810,488	Jan. 23	3856	792	120	963
Jarvis, Harold, Buffalo, N. Y. Type-writing machine.	819,998	May 8	1979	436	122	504
Jarvis, Harold, assignor to Jarvis Typewriter & Tabulator Company, Buffalo, N. Y. Tabulating mechanism for type-writing machines.	819,433	May 1	806	173	122	181
Jarvis, Joseph C., Huntington, W. Va. Continuous-piston engine.	827,870	Aug. 7	351	75	123	1757
Jarvis Typewriter & Tabulator Company. (See Jarvis, Harold, assignor.)						
Jaspert, Armand. (See Blampain and Jaspert.)						
Jasper, William, assignor of one-half to A. Wolf, New York, N. Y. Sewing-machine.	820,873	May 15	3733	797	122	950

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Jasgur, Sam. (See Feinblatt, Adolf, assignor.)						
Jay, William H., assignor of two-fifths to L. O. Browne and H. C. Wiley, Ottawa, Ill. Carriage-top	839,768	Dec. 25	4954	1058	125	2708
Jaycox, Edward L., Fishkill Landing, N. Y. Window-blind closer	832,675	Oct. 9	1325	267	124	1572
Jaynes, Alfonso L., Buffalo, N. Y. Automatic fire-extinguisher	834,303	Oct. 30	4846	1024	124	2573
Jaynes, Fremont N., Minneapolis, Minn. Envelop-sealing machine	826,169	July 17	3012	625	123	798
Jeanmaire, Paul, and H. Schmid, Mühlhausen, Germany, assignors to Arnold Print Works, North Adams, Mass. Printing fabrics	808,987	Jan. 2	730		120	161
Jeanneret, Harry G. (See Windecker, Samuel, assignor.)						
Jeannotte, Joseph, assignor to O. R. Paradis, Woonsocket, R. I. Harness-hame	828,889	Aug. 21	2407	512	123	2330
Jebsen, Fridtjof. (See Kirkegaard, Georg, assignor.)						
Jeffcott, Lewis B., New York, N. Y. Folding furniture-leg	822,049	May 29	6129	1305	122	1598
Jefferis, Richard W., Camden, N. J., assignor to Merritt & Company. Metal locker	810,415	Jan. 23	3709	764-5	120	928
Jefferis, Richard W., Camden, N. J., assignor to Merritt & Company. Panel for metal lockers	810,946	Jan. 30	4776	993-4	120	1197
Jefferis, Richard W., Camden, N. J., assignor to Merritt & Company. Locking device for metal lockers	810,947	Jan. 30	4777	994	120	1197
Jefferis, Richard W., Camden, N. J., assignor to Merritt & Company. Locking device	829,965	Sept. 4	64	12	124	15
Jefferis, Richard W., Merchantville, N. J., assignor to Merritt and Company. Metallic door or panel for lockers	821,102	May 22	4259	906	122	1126
Jefferis, Richard W., Merchantville, N. J., assignor to Merritt and Company. Metal door or panel for lockers and the like	829,966	Sept. 4	65	12	124	15
Jefferis, Richard W., Merchantville, N. J., assignor to Merritt and Company. Metal shelving	829,967	Sept. 4	66	12	124	16
Jefferson, T. C. (See Clay, William H., assignor.)						
Jefferson, T. L. (See Williamson and Oldham, assignors.)						
Jeffery, Thomas B. (See Symmonds, Robert, assignor.)						
Jeffery, Thomas B., Kenosha, Wis. Pneumatic-tired wheel	815,430	Mar. 20	2939	610	121	749
Jeffery, Thomas B., Kenosha, Wis. Sparking-igniter-adjusting device for explosive-engines	819,283	May 1	504	106	122	117
Jeffery, Thomas B., Kenosha, Wis. Starting device for explosive-motors	826,252	July 17	3165	657	123	833
Jeffery, Thomas B., Kenosha, Wis. Spark-igniter-retarding device for gas-engines	826,253	July 17	3169	657	123	834
Jeffrey, Andrew R., Washington, Pa. Agricultural implement	836,582	Nov. 20	3326	709-10	125	918
Jeffrey, James C., Beaumont, Tex. Shear-sharpener	816,662	Apr. 3	240	56-7	121	1413
Jeffrey, John S., Columbus, Ohio. Railway-signal	822,951	June 12	1429	298	122	2085
Jeffrey, Joseph A. (See Bucher, Bertram H., assignor.)						
Jeffrey, Joseph A. (See Dufour, Albert Q., assignor.)						
Jeffrey, Joseph A. (See Horst, George C., assignor.)						
Jeffrey, Joseph A. (See Lynch, George E., assignor.)						
Jeffrey, Joseph A. (See Merrill, Edwin R., assignor.)						
Jeffrey, Joseph A. (See Murphy, Daniel R., assignor.)						
Jeffrey, Joseph A. (See Palmros, Alexander, assignor.)						
Jeffrey, Joseph A. (See Sessions, Frank L., assignor.)						
Jeffrey, Joseph A. (See Slocum, John C., assignor.)						
Jeffrey, Joseph A. (See Steckel, Archibald W. F., assignor.)						
Jeffrey, Joseph A. (See Webster, Alfred J., assignor.)						
Jeffrey, Joseph A. (See Willson, Freeman R., Jr., assignor.)						
Jeffreys, Robert D., Newburgh, N. Y. Oil-separator	835,243	Nov. 6	739	154	125	187
Jeffreys, Robert D., Newburgh, N. Y. Steam-separator	835,244	Nov. 6	740	154	125	188
Jeffreys, Robert D., Newburgh, N. Y. Separator	837,623	Dec. 4	687	158	125	1525
Jeffries, Lincoln, Birmingham, England. Spring air-gun	816,983	Apr. 3	879	182	121	1553
Jeha, Spiridon J., Swissvale, Pa. Gas-saving appliance	834,733	Oct. 30	5677	1205	124	2784
Jeklin, John, Spokane, Wash. Condenser and feed-water heater	815,431	Mar. 20	2941	610	121	749
Jelks, Edwin B., Quitman, Ga. Spatula and cork-extractor	810,538	Jan. 23	3958	815	120	985
Jelliffe, Alfred, St. Louis, Mo. Sample-display case	809,445	Jan. 9	1704	351	120	408
Jellison, John S., Boise, Idaho. Friction-clutch	820,874	May 15	3734	797	122	950
Jenczewsky, Adolph W., Chicago, Ill. Automatic safety-valve for gas-supply pipes	824,932	July 3	512	101	123	137
Jenczewsky, Adolph W., Chicago, Ill. Safety-valve for gas-pipes	824,933	July 3	513	101	123	137
Jenczewsky, Adolph W., Chicago, Ill. Safety-valve for gas-pipes	824,934	July 3	515	101	123	138
Jenczewsky, Adolph W., Chicago, Ill. Safety-valve for gas-pipes	824,935	July 3	517	102	123	138
Jenczewsky, Adolph W., Chicago, Ill. Automatic safety-valve for gas-supply pipes	830,719	Sept. 11	1698	349	124	458
Jeneskee, Harry C., and F. Melcher, assignors of one-fourth to E. F. Diehl, Wheeling, W. Va. Car-fender	835,435	Nov. 6	1130	244	125	284
Jenkins Automatic Fender Company. (See Jenkins, Benjamin B., assignor.)						
Jenkins, Benjamin B., assignor to Jenkins Automatic Fender Company, Limited, Toronto, Canada. Car-fender	824,986	July 3	622	125	123	164
Jenkins, Charles F. (See Cahill and Jenkins.)						
Jenkins, Charles F. (See Thomas and Jenkins.)						
Jenkins, Charles F., Washington, D. C. Heating apparatus	817,173	Apr. 10	1234	254	121	1693
Jenkins, Charles F., Washington, D. C. Bottle-filling machine	828,117	Aug. 7	858	176	123	1882
Jenkins, Charles F., Washington, D. C. Paper receptacle	838,416	Dec. 11	2286	495	125	1965
Jenkins, Charles F., assignor of one-half to C. C. Dieudonne, Washington, D. C. Automobile steering device	818,967	Apr. 24	4825	1038	121	2575
Jenkins, Charles W. (See Brown and Jenkins.)						
Jenkins, John E. <i>et al.</i> (See Peterson, Eric E., assignor.)						
Jenkins, John T., and E. Thackwell, Massillon, assignors of one-third to E. H. Vaughn, Girard, Ohio. Fuel feeder or stoker for furnaces	835,952	Nov. 13	2086	445-6	125	564
Jenkins, Marion R. (See Sparks, Ralph J., assignor.)						
Jenkins, Richard L., assignor of one-tenth to B. F. Marsh, Lewistown, Mont. Miner's-lamp safety-shield	809,111	Jan. 2	981	203	120	217
Jenkins, Thomas R., Jr., Baltimore, Md. Rotary scrubbing-machine	822,050	May 29	6130	1305	122	1598
Jenkins, Wilburt T. (See Macy, Frederick S., assignor.)						
Jenkins, William E. (See Evans, Frank, assignor.)						
Jenkins, William M., Guthrie, Okla. Ter. Rail-brace	839,593	Dec. 25	4588	978-9	125	2617
Jenkins, William R., Bellefonte, Pa. Ice-creeper	831,954	Sept. 25	4157	866	124	1143
Jenkins, William R., Bellefonte, Pa. Weeder	838,417	Dec. 11	2287	495	125	1965
Jenkner, Marie. (See Jenkner and Pleyl.)						
Jenkner, Rudolf and M., and J. Pleyl, Floridsdorf, near Vienna, Austria-Hungary. Insecticide-fertilizer	824,791	July 3	206		123	59
Jenney, Robert T. (See Van de Walker and Jenney.)						
Jennings, Archer B., Yalesville, Conn. Draw-knife	813,152	Feb. 20	3270	719	120	2288
Jennings, Charles E. (See Gilman, Willard H., assignor.)						
Jennings, Charles P. (See Hollingshead and Jennings.)						
Jennings, Frank H. (See Dunn and Jennings.)						
Jennings, John T., Kings Norton, near Birmingham, England. Turbine	817,067	Apr. 3	1027	212	121	1586

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Jennings, Martin L. (See Heberling, Ralph H., assignor.)						
Jennings, Sidney W., Montreal, Quebec, Canada. Combined steering and propelling device.....	833,218	Oct. 16	2426	508	124	1890
Jennings, William F., Hot Springs, Ark. Wagon-brake.....	816,099	Mar. 27	4303	911	121	1095
Jensen, Andrew, Exira, Iowa. Safety attachment for windmill-pumps.....	814,607	Mar. 6	1210	253	121	262
Jensen, Axel. (See Jensen, Ludvig and A.)						
Jensen, Engebret, Wheatfield, Ind. Bolt or nail extractor.....	832,387	Oct. 2	740	144	124	1390
Jensen, Jacob F., assignor of three-fourths to M. Stillman, Evanston, Ill. Explosive-engine.....	835,908	Nov. 13	2009	427	125	546
Jensen, Joseph J., Goshen, assignor of one-half to C. W. Mulhall, Idaho Falls, Idaho. Land-leveler.....	832,978	Oct. 9	1926	402	124	1715
Jensen, Ludvig and A., Copenhagen, Denmark. Folding desk.....	827,913	Aug. 7	421	90	123	1775
Jensen, Nels L., Superior, Wis. Wardrobe.....	828,606	Aug. 14	1834	386	123	2156
Jensen, Thomas, Arendal, Norway. Sailing-boat.....	830,720	Sept. 11	1700	349-50	124	459
Jensen, Wiggo F., Lincoln, Nebr. Apparatus for refining butter, oils, fats, &c.....	837,069	Nov. 27	4369	925	125	1211
Jenson, August. (See Held, Fox, Lund, and Jenson.)						
Jerald, Samuel E., Waterloo, Iowa. Pneumatic sulky.....	811,723	Feb. 6	353	78	120	1565
Jerdone, Francis, Jr., Chicago, Ill. Car-bolster.....	835,436	Nov. 6	1131	244	125	284
Jerdone, Francis, Jr., Chicago, Ill. Car structure.....	837,841	Dec. 4	1107	247	125	1629
Jeremias, Charles D., <i>et al.</i> (See Norton, Willard I., assignor.)						
Jenkins, William L., Moultrie, Ga. Medicine-spoon.....	808,845	Jan. 2	428	94	120	95
Jeroch, Willi, Berlin, Germany. Magnesum cement and manufacturing same.....	833,930	Oct. 23	3927	124	2304	
Jerou, Arthur J., Bowling Green, Ohio. Stuffing-box.....	827,803	Aug. 7	233	47	123	1729
Jerrens, Thomas W., St. Paul, Minn. Grass-twine machine.....	824,792	July 3	208	37-8	123	59
Jerrens, Thomas W., St. Paul, Minn. Grass-twine machine.....	824,793	July 3	211	38-9	123	60
Jerrens, Thomas W., St. Paul, Minn. Grass-feeding mechanism for twine-machines.....	824,871	July 3	383	73	123	105
Jessel, Bernard L., Louisville, Ky. Rack.....	821,364	May 22	4784	1017	122	1244
Jesseman, John F., Lynn, Mass. Bufling-machine.....	811,504	Jan. 30	5823	1219	120	1421
Jessen, John H., Rensselaer, Ind. Fertilizer-spreader.....	825,634	July 10	2033	425	123	543
Jessen, John H., Rensselaer, Ind. Fertilizer-spreader.....	825,635	July 10	2039	425-6	123	544
Jessen, John H., Rensselaer, Ind. Fifth-wheel for vehicles.....	836,767	Nov. 27	3731	795	125	1054
Jessup, James J., assignor to Brass Goods Manufacturing Company, Brooklyn, N. Y. Adjustable compressor for flexible tubes.....	827,640	July 31	6111	1270	123	1604
Jessup, William H., Sheridan, Ind. Hoisting-bucket.....	834,475	Oct. 30	5170	1098	124	2655
Jessurun, Emile C., assignor of one-half to G. C. Mather, Chicago, Ill. Multicolor printing.....	832,911	Oct. 9	1807	373	124	1687
Jester, Thomas W., Bainbridge, Ga. Wrench.....	823,870	June 19	3278	695	122	2551
Jetter, William F., Philadelphia, Pa. Vegetable-parer.....	821,103	May 22	4260	906	122	1126
Jewell, Frank H. (See Jewell, William O. and F. H.)						
Jewell, William M., Chicago, Ill. Rotary explosive-engine.....	822,952	June 12	1430	298-9	122	2086
Jewell, William O. and F. H., Marion, Ind. Door-sill for railway-cars.....	837,474	Dec. 4	394	90	125	1454
Jewett, Charles L. (See Moss, Bertie B., assignor.)						
Jewett, Edmund G., Bellingham, Wash. Apparatus for distilling wood.....	824,872	July 3	384	73-4	123	105
Jewett, Eugene C., Eagle Grove, Iowa. Spade.....	809,807	Jan. 9	2397	496	120	560
Jewett, George S., Norridgewock, Me. Self-heating can.....	818,092	Apr. 17	3071	662	121	2142
Jewett, Robert L., assignor of one-half to J. Wallace and C. F. Whipple, Ogden, Utah. Hydrocarbon-burner.....	831,287	Sept. 18	2804	591	124	760
Jezeck, Anton, Praha, Tex. Cotton-chopper.....	818,890	Apr. 24	4682	1004-5	121	2543
Jigouzo, Paul, Vanves, France. Electric motor.....	811,405	Jan. 30	5654	1184	120	1387
Jirak, Vaclav J., Cleveland, Ohio. Heating-drum.....	828,937	Aug. 21	2495	529	123	2354
Jlinsky, Michael, Crefeld, assignor to R. Wedekind & Co., Uerdingen, Germany. Alizarin sulfo-acid and making same.....	826,509	July 17	3713	123	976	
Jlinsky, Michael, Crefeld, assignor to R. Wedekind & Co., Uerdingen, Germany. Anthraflavin disulfonic acid and making same.....	826,510	July 17	3714	123	976	
Jobborn, Arthur, assignor to M. Jobborn, Hamilton, Canada. Scale.....	810,539	Jan. 23	3959	815	120	985
Jobborn, Moses. (See Jobborn, Arthur, assignor.)						
Jobe, George W., Indianapolis, Ind. Trolley-wheel.....	822,845	June 5	1216	251	122	1993
Jobes, Lawrence U., Cincinnati, Ohio. Pneumatic motor.....	809,919	Jan. 9	2609	537-8	120	607
Jobes, Lawrence U., Cincinnati, assignor to Baldwin Company, Hamilton, Ohio. Mechanical musical-instrument player.....	810,057	Jan. 16	2932	610-11	120	729
Jobling, William G., Ridgedale, Tenn. Reversible disk plow.....	816,663	Apr. 3	242	57	121	1414
Jocelin, Elias P., Verona, N. Y. Sleigh-shoe.....	825,733	July 10	2189	457	123	580
Joel, Alfred, Zürich, Switzerland. Combined bruising and crushing roller-mill.....	830,075	Sept. 4	328	66	124	80
Joerissen, Carl A., Washington, D. C. Ribbon attachment for sight-writing type-writers.....	821,643	May 29	5334	1136	122	1420
Johannesen, Frank, Erie, Pa., assignor to Mergenthaler Linotype Company. Linotype-machine.....	831,003	Sept. 11	2201	465-6	124	582
Johansen, Hans, Chicago, Ill. Device for dressing band-saws.....	821,293	May 22	4621	985	122	1206
Johanson, Emil G., Rockford, Ill. Mechanical movement.....	823,046	June 12	1632	337-8	122	2133
Johanson, Emil G., Rockford, assignor to J. Martenson and F. Johnson, Chicago, Ill. Sewing-machine cabinet.....	814,450	Mar. 6	912	187	121	199
Johansson, Hemming, assignor to Aktiebolaget L. M. Ericsson & Co., Stockholm, Sweden. Relay.....	813,710	Feb. 27	4370	963	120	2584
Johengen, Jacob, and E. A. Fedick, Hamburg, N. Y. Potato-digger.....	810,765	Jan. 23	4377	909	120	1078
John B. Foster and Brother. (See Foster, George D., assignor.)						
John C. Moore Corporation. (See Moore, Henry J., assignor.)						
John Deere Plow Company. (See Ebrenz, Philip E., assignor.)						
John F. McCanna Company. (See McCanna, John F., assignor.)						
John Good Cordage Co. (See Good, John, assignor.)						
John, Hugo, Erfurt, Germany. Driving mechanism.....	810,766	Jan. 23	4379	909-10	120	1079
John, Hugo, Erfurt, Germany. Ratchet feeding mechanism.....	827,532	July 31	5896	1221-2	123	1547
John, Hugo, Ilversgehofen, near Erfurt, Germany. Apparatus for cutting girders.....	823,871	June 19	3280	695-6	122	2551
John, Hugo, assignor to Schornstein-Aufsatz und Blechwaren-Fabrik J. A. John Aktien-Gesellschaft, Ilversgehofen, near Erfurt, Germany. Steam washing-machine.....	834,382	Oct. 30	5006	1059-60	124	2614
John L. Whiting and Son Company. (See Wolcott, Arthur H., assignor.)						
John, Martha E., Portsmouth, Va. Car-fender.....	813,498	Feb. 27	3965	869-70	120	2497
John Phillips & Co. (See Phillips and Kessler, assignors.)						
John, S. A., <i>et al.</i> (See Barth, Albert, assignor.)						
John S. Metcalf Company. (See Metcalf, John S., assignor.)						
John S. Metcalf Company. (See Spelman, James, assignor.)						
Johndro, Victor A., New Westminster, Canada. Rafter-gage.....	821,168	May 22	4385	933	122	1155
Johns, Alfred L., Colorado Springs, assignor of one-third to W. L. Everitt, Denver, Colo. Filter.....	826,857	July 24	4417	920	123	1168
Johns, Charles, Pittsburg, and W. D. Eynon, Philadelphia, Pa. Forming piles.....	837,933	Dec. 11	1293	283	125	1718
Johns, Horace, assignor of one-half to S. A. Johns, Troy, Pa. Draft apparatus.....	831,351	Sept. 18	2922	620	124	790
Johns, Jack T., Artesia, N. Mex. Ter. Horseshoe.....	830,665	Sept. 11	1576	325	124	423

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Johns-Pratt Company. (See Sachs, Joseph, assignor.)						
Johns, Stephen A. (See Johns, Horace, assignor.)						
Johnson, Charles B., assignor of one-half to J. W. Stiefel, St. Paul, Minn. Fur-sewing-machine attachment.	809,265	Jan. 2	1310	266	120	288
Johnsen, Toris N., Wilbur, Wash. Wagon-brake.	820,875	May 15	3736	797	122	951
Johnson, Adolph, Battlecreek, Mich. Roller-chain for conveyers.	812,655	Feb. 13	2286	497	120	2029
Johnson, Albert G., Chicago, Ill. Pan-lifter.	820,577	May 15	3157	680	122	824
Johnson, Albert L. (See Douglas and Johnson.)						
Johnson, Albert N., Beaver, Pa. Adjustable towel-rack.	826,430	July 17	3503	729	123	917
Johnson, Albert W., New Haven, Conn. Registering-bank.	829,716	Aug. 28	4156	879-80	123	2812
Johnson, Alfred, Wesel, Germany. Manufacture of lavatory-basins, &c., made of earthenware.	839,150	Dec. 25	3705		125	2404
Johnson, Alfred B., Greenville, Tex. Combined cultivator, harrow, and planter.	822,609	June 5	762	155	122	1896
Johnson, Alfred C., assignor of one-half to L. A. Johnson, Toledo, Ohio. Combined truck and weighing-scale.	833,604	Oct. 16	3235	688	124	2087
Johnson, Alfred E., Denver, assignor to Johnson Furnace and Engineering Company, Colorado Springs, Colo. Furnace.	819,228	May 1	390	82-3	122	92
Johnson, Alfred E., Denver, assignor to Johnson Furnace and Engineering Company, Colorado Springs, Colo. Water-cooled grate.	821,500	May 22	5051	1075-6	122	1301
Johnson, Alfred E., Denver, assignor to Johnson Furnace and Engineering Company, Colorado Springs, Colo. Ash-pit door.	828,118	Aug. 7	860	177	123	1883
Johnson, Alfred W., New Brunswick, N. J. Meat-cutter.	810,767	Jan. 23	4383	910-11	120	1080
Johnson, Allan A., Central Falls, R. I., assignor to Kip-Armstrong Company, New York, N. Y. Warp stop-motion for looms.	813,304	Feb. 20	3557	783	120	2348
Johnson, Alton F. (See Kupsch, Hermann, assignor.)						
Johnson, Alvin O., Chicago, Ill. Bluing-spoon.	829,652	Aug. 28	4017	851	123	2781
Johnson, Alvin S., assignor of one-fourth to F. J. Moore, Minneapolis, Minn. Safety starting device for gas-engines.	811,928	Feb. 6	785	172	120	1649
Johnson, Annie M., and D. H. Rowe, Oakland, Cal. Window-cleaner.	813,800	Feb. 27	4543	1004	120	2621
Johnson, Arthur H., Bickley, England. Apparatus for operating reciprocating hydraulic motors.	833,931	Oct. 23	3928	833	124	2304
Johnson, Arthur H., Rahway, N. J., assignor, by mesne assignments, to H. J. Donaldson, trustee, Ballston Spa, N. Y. Safety system for electric-road crossings.	816,014	Mar. 27	4116	871-2	121	1055
Johnson, Axel F., New York, N. Y. Package or mail despatching system.	824,024	June 19	3578	763	122	2613
Johnson, Barney G. (See Fletcher, William J., assignor.)						
Johnson, Bascom. (See Rhodes, Byron F., assignor.)						
Johnson, Carl R., and C. Knopf, New York, N. Y.; said Johnson assignor to said Knopf. Speed and distance indicator for vehicles.	839,594	Dec. 25	4589	979	125	2617
Johnson, Cephas C., Piedmont, Ohio. Clothes-line.	816,664	Apr. 3	245	58	121	1414
Johnson, Charles, Cortland, N. Y. Fertilizer-distributor.	809,808	Jan. 9	2398	497	120	560
Johnson, Charles, Laporte, Ind. Baby-sleigh.	832,129	Oct. 2	215	43	124	1266
Johnson, Charles, assignor to Cortland Implement Company, Cortland, N. Y. Fertilizer-distributor.	813,711	Feb. 27	4371	963-5	120	2585
Johnson, Charles, assignor to Warwick Brothers & Rutter, Toronto, Canada. Loose-leaf binder.	826,034	July 17	2754	569	123	735
Johnson, Charles A., Malden, Mass. Directory device.	824,483	June 26	4474	948	122	2863
Johnson, Charles A., Meadville, Pa., assignor of one-half to Postal Telegraph-Cable Company, New York, N. Y. Telegraphy.	828,890	Aug. 21	2409	512	123	2330
Johnson, Charles E. (See Townsend and Johnson.)						
Johnson, Charles E., Indianapolis, Ind. Station-indicator.	821,294	May 22	4622	985-6	122	1206
Johnson, Charles H., Buffalo, N. Y. Bottle-cap.	815,837	Mar. 23	3777	796	121	928
Johnson, Charles H., Shelton, Conn. Weight supporting device for spring-beds.	817,918	Apr. 17	2733	593	121	2069
Johnson, Charles H., Chicago Heights, Ill. Governor for fluid-pressure motors.	824,425	June 23	4357	927	122	2835
Johnson, Charles H., Chicago Heights, Ill., assignor, by mesne assignments, to Pittsburgh Pneumatic Company, Canton, Ohio. Fluid-pressure-operated tool.	826,106	July 17	2907	604	123	773
Johnson, Charles J., assignor of one-third to F. Horn, St. Louis, Mo. Regulator for gas-jets.	831,512	Sept. 18	3220	680	124	866
Johnson, Charles J., and W. B. Porter, Minneapolis, Minn. Compo-board machine.	808,756	Jan. 2	266	57-8	120	61
Johnson, Charles K., Florence, S. C. Fertilizer-distributor.	810,768	Jan. 23	4387	911	120	1081
Johnson, Charles W., et al. (See Small, Thomas W., assignor.)						
Johnson, Christian, Elgin, Ill. Safety winding-clutch.	825,323	July 10	1272	268	123	349
Johnson, Christian A., Chicago, Ill. Book-cover.	823,605	June 19	2777	588	122	2439
Johnson, Clarence. (See Mount, Austin, assignor.)						
Johnson, Clarence L. (See Bostwick and Johnson.)						
Johnson, Clifford J., Point Chevalier, and J. Carlaw, Auckland, New Zealand. Fire-bride smoke-consumer and fuel-economizer.	834,734	Oct. 30	5678	1205	124	2784
Johnson Combined Pressing & Refinishing Co. (See Johnson, Fritz, assignor.)						
Johnson and Company, Isaac G. (See Johnson, Elias M., assignor.)						
Johnson, Delbert E., Chicago, Ill. Mechanism for transmitting power from car-axes.	814,293	Mar. 6	568	120-1	121	122
Johnson, Delbert E., Chicago, Ill. Mechanism for transmitting power from car-axes.	830,839	Sept. 11	1918	402	124	515
Johnson, Dennis L., Cooks Mills, assignor of one-half to D. F. Hoots, Mattoon, Ill. Eaves-trough.	828,291	Aug. 7	1203	250	123	1966
Johnson, Don C., Frederick, Okla. Ter. Rain-spout cut-off.	814,214	Mar. 6	416	86	121	91
Johnson, Edward, Cincinnati, Ohio. Hose-supporter.	824,426	June 26	4360	927	122	2836
Johnson, Edward E., St. Paul, Minn. Railway water-column.	818,968	Apr. 24	4826	1038-9	121	2575
Johnson, Edward G. (See Johnson, Martin M. and E. G.)						
Johnson, Edward H. (See Lang, Johan G. V., assignor.)						
Johnson, Edward F., Grand Forks, N. D. Combination-rule.	832,483	Oct. 2	929	182	124	1435
Johnson, Eldridge R., Philadelphia, Pa., assignor to Victor Talking Machine Company. Motor for talking-machines.	814,047	Mar. 6	95	18	121	21
Johnson, Eldridge R., Philadelphia, Pa., assignor to Victor Talking Machine Company. Talking-machine.	814,786	Mar. 13	1587	335	121	406
Johnson, Eldridge R., Merion, Pa., assignor to Victor Talking Machine Company. Amplifying-horn.	814,848	Mar. 13	1704	356	121	430
Johnson, Eldridge R., Merion, Pa., assignor to Victor Talking Machine Company. Sound-box for talking-machines.	828,551	Aug. 14	1739	366	123	2130
Johnson, Elias M., assignor to I. G. Johnson and Company, New York, N. Y. Projectile.	814,378	Mar. 6	767	155	121	169
Johnson, Elmer E., North Branch, Minn. Slide-valve.	826,254	July 17	3171	658	123	835
Johnson, Elmo J. (See Callender and Johnson.)						
Johnson, Ernest A., Brooklyn, N. Y. Car-fender.	820,117	May 8	2238	487	122	562
Johnson, Ernest V., Chicago, Ill. Building-block.	837,572	Dec. 4	575	134	125	1499
Johnson, Eugene M., Allston, Mass. Vault-light construction.	835,534	Nov. 13	1313	281	125	375
Johnson, Eugene M., Allston, Mass. Composite pole for electric wires and other purposes.	839,151	Dec. 25	3706	800	125	2404
Johnson, Francis T., Chicago, Ill. Drier.	822,953	June 12	1436	299	122	2088

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Johnson, Frank, <i>et al.</i> (See Johnson, Emil G., assignor.)						
Johnson, Frank A., New York, N. Y., assignor to Unitype Company, Manchester, Conn. Type-packing mechanism.	814,048	Mar. 6	96	18	121	22
Johnson, Frank A., New Bedford, Mass., assignor, by mesne assignments, to Unitype Company, Manchester, Conn. Type setting and justifying machine.	826,578	July 24	3882	804-5	123	1032
Johnson, Frank A., New Bedford, Mass., assignor, by mesne assignments, to Unitype Company, Manchester, Conn. Type-distributing machine.	829,157	Aug. 21	2969	620-2	123	2476
Johnson, Frank A., New Bedford, Mass., assignor, by mesne assignments, to Unitype Company, Manchester, Conn. Type setting and justifying machine.	836,687	Nov. 27	3567	760-2	125	1012
Johnson, Frank E., Greensburg, Pa. Making screw-taps.	827,533	July 31	5900	1222	123	1548
Johnson, Frank G., Elkader, Iowa. Valve-gear.	813,433	Feb. 27	3836	840	120	2465
Johnson, Fred, <i>et al.</i> (See Beck, William, assignor.)						
Johnson, Frederick. (See McIntosh, Douglas, assignor.)						
Johnson, Frederick G., Hartford, Conn. Calculator.	809,446	Jan. 9	1705	351-2	120	408
Johnson, Frederick W., assignor of one-half to J. P. Peterson, Dawson, Canada. Apparatus for marking sunken vessels.	814,536	Mar. 6	1079	222	121	234
Johnson, Fritz, assignor to Johnson Combined Pressing & Refinishing Co., Racine, Wis. Flat-iron.	819,761	May 8	1446	309	122	384
Johnson Furnace and Engineering Company. (See Johnson, Alfred E., assignor.)						
Johnson, George A., Clyde, Tex. Buggy-bow spring attachment.	818,827	Apr. 24	4577	981	121	2521
Johnson, George J., McLouth, Kans. Vehicle-pole tip.	838,254	Dec. 11	1988	426	125	1891
Johnson, George W. (See Wade, Edwin T., assignor.)						
Johnson, George W., Chicago, Ill. Horseshoe.	817,323	Apr. 10	1537	323	121	1755
Johnson, Gilbert B., Chicago, Ill. Temporary door-retainer and the like.	815,432	Mar. 20	2943	610-11	121	749
Johnson, Godfrey B., London, England. Corrugating-machine.	815,710	Mar. 20	3475	726-7	121	866
Johnson, Grove, and P. R. Hare, Bromley, England. Ferment and producing the same.	830,506	Sept. 11	1227		124	332
Johnson, Grove, and P. R. Hare, Bromley, England. Fermentation of liquids.	839,067	Dec. 18	3496		125	2304
Johnson, Gustaf, and J. J. Pinckney, Blaine, Wash. Cattle-guard.	835,953	Nov. 13	2087	446	125	564
Johnson, Gustaf E., assignor of one-half to W. G. Roberts, Superior, Wis. Envelope-sealer and stamp and label affixer.	831,076	Sept. 18	2388	502	124	661
Johnson, Gustaf G., Wishaw, assignor to I. N. Rodkey, Spangler, Pa. Extension car-step.	820,876	May 15	3737	798	122	951
Johnson, Gustave A. (See Allen and Johnson.)						
Johnson, Hadfield E., Axel, Minn. Stamping device.	833,742	Oct. 23	3490	744-5	124	2193
Johnson, Harry L., Topeka, Kans. System of railway signaling.	832,548	Oct. 2	1052	211	124	1467
Johnson, Harvey R., Carnegie, Pa. Rail-joint.	825,656	July 10	2045	426	123	545
Johnson, Henry, Edgerton, Mo. Trace-buckle.	834,811	Oct. 30	5849	1240	124	2826
Johnson, Henry, assignor to Cadillac Cabinet Company, Detroit, Mich. Desk-table.	809,376	Jan. 9	1545	314	120	374
Johnson, Henry A., Providence, R. I. Talking-machine.	838,505	Dec. 11	2444	531-2	125	2004
Johnson, Henry T., Timmonsville, S. C. Cotton-chopper.	834,059	Oct. 23	4321	918	124	2395
Johnson, Hiram C. (See Campbell and Johnson.)						
Johnson, Irvin, Galliton, Pa. Rail-joint.	837,070	Nov. 27	4371	926	125	1212
Johnson, Isabelle J., Cokedale, Mont. Garment-supporter.	811,505	Jan. 30	5825	1219	120	1421
Johnson, Iver. (See Halvorson and Johnson.)						
Johnson, Jacob G., Ivanhoe, assignor of one-half to W. E. Hillenberg, Crockett Depot, Va. Railway mail catching and delivery means.	823,535	June 19	2657	560	122	2413
Johnson, Jacob H., Pittsburg, Pa. Attachment for jars.	817,572	Apr. 10	2040	429	121	1861
Johnson, Jacob H., Pittsburg, Pa. Identification-tag.	825,129	July 3	874	184	123	231
Johnson, Jacob T., Philadelphia, Pa. Shutter-fastener.	815,589	Mar. 20	3218	677	121	808
Johnson, Jacob T., Philadelphia, Pa. Pulley.	821,169	May 22	4387	933	122	1155
Johnson, James H., 2d, Gouverneur, N. Y. Household-mill.	828,662	Aug. 14	1942	409	123	2182
Johnson, James H., and H. Meyer, Fort Recovery, Ohio. Mold.	808,846	Jan. 2	429	95	120	95
Johnson, James M., Durant, Ind. Ter. Scraper for vehicles.	819,658	May 1	1218	267	122	273
Johnson, James P., assignor of one-half to J. R. Miley, Hahira, Ga. Fertilizer-distributor.	828,663	Aug. 14	1943	409	123	2182
Johnson, Jay M., and C. Sulfer, Chicago, Ill., assignors to Coin Counting Machine Company. Coin-counting machine.	824,794	July 3	214	39-40	123	60
Johnson, Jeremiah P., Detroit, Mich. Corner construction for carriage-bodies.	812,207	Feb. 13	1405	305	120	1846
Johnson, Jesse O., Pittsburg, assignor of one-half to H. C. Fry, Rochester, Pa. Apparatus for forming hollow glass articles.	828,318	Aug. 14	1268	268-9	123	2010
Johnson, John, Overland Park, assignor to Country Hydrant Company, St. Louis, Mo. Automatic water-supply system.	808,662	Jan. 2	80	18	120	20
Johnson, John, Overland Park, assignor to Country Hydrant Company, St. Louis, Mo. Automatic water-supply system.	813,558	Feb. 27	4090	897	120	2525
Johnson, John A., Chicago, Ill. Gage for use of carpenters and joiners in fitting doors.	810,489	Jan. 23	3856	792	120	963
Johnson, John A., Winamac, Ind. Building-block.	812,498	Feb. 13	1969	432	120	1967
Johnson, John A., Winamac, assignor of one-half to E. J. Forest, Indianapolis, Ind. Mold-filling device.	818,093	Apr. 17	3072	662-3	121	2143
Johnson, John B., Mount Vernon, S. D. Railway-tie.	813,066	Feb. 20	2967	654	120	2222
Johnson, John E., Ishpeming, Mich. Marine vessel.	809,064	Jan. 2	867	184	120	192
Johnson, John E., assignor of one-third to J. M. Dalhaug, New Paynesville, Minn. Hose-clamp.	814,608	Mar. 6	1211	253	121	262
Johnson, John F., Chester, Pa. Explosive-engine.	809,185	Jan. 2	1104	230	120	243
Johnson, John F., Chester, Pa. Sparking ignition mechanism.	816,472	Mar. 27	5068	1076	121	1257
Johnson, John F., Leicester, England. Sheet-feeding mechanism for printing and analogous machines.	833,219	Oct. 16	2428	509	124	1890
Johnson, John G., Titusville, Pa., assignor of one-fourth to K. O. Hedstrom, Axtell, Neb. Rotary valve for steam-engines.	828,030	Aug. 7	685	142	123	1841
Johnson, John H., Silverton, Oreg. Mop.	836,115	Nov. 20	2390	504	125	691
Johnson, John H. L., Ashburn, Tenn. Appliance for steaming plant-beds.	835,621	Nov. 13	1480	316	125	417
Johnson, John N., Van Buren, Me. Belt-coupling.	830,593	Sept. 11	1416	293	124	378
Johnson, John P., Interior, S. D. Attachment for mowing-machines.	837,071	Nov. 27	4372	926	125	1212
Johnson, John W., Trenton, Mo. Hoisting apparatus.	824,025	June 19	3579	763	122	2614
Johnson, John W., assignor of one-half to J. Adams, Brockwayville, Pa. Book-carrier.	838,786	Dec. 18	2993	645	125	2181
Johnson and Johnson. (See De La Cour, Joseph C., assignor.)						
Johnson and Johnson. (See Lee, John E., assignor.)						
Johnson and Johnson. (See Simmons, Bert G., assignor.)						
Johnson and Johnson. (See Ude, Waldemar, assignor.)						
Johnson, Joseph E., assignor to Pritchard-Strong Company, Rochester, N. Y. Tubular lantern.	817,372	Apr. 10	1630	344	121	1777
Johnson, Joseph S., assignor of one-half to H. M. Myers, Lodi, Ohio. Gate-latch.	819,284	May 1	506	106	122	117
Johnson, Joseph S., assignor of one-half to H. M. Myers, Lodi, Ohio. Gate.	820,201	May 8	2394	520	122	595
Johnson, Joseph W. (See Jones and Johnson.)						
Johnson, L. A. (See Johnson, Alfred C., assignor.)						
Johnson, Leslie M., East Providence, R. I. Fishing-float.	813,153	Feb. 20	3271	719	120	2289
Johnson, Lorenzo R., Elmira, N. Y. Combined inkstand, paper-holder, and pen-rack.	818,094	Apr. 17	3074	663	121	2143
Johnson, Louis A. B., Philadelphia, Pa. Plunger-lubricator.	809,809	Jan. 9	2400	497-8	120	560

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Johnson, Louis F., assignor to P. Dickinson, Chicago, Ill. Composition of matter	827,977	Aug. 7	567		123	1812
Johnson, Luema G., Portland, Oreg. Holder for banners and the like	815,838	Mar. 6	3779	797	121	928
Johnson, Marine, Rosendale, Wis. Pump	832,734	Oct. 9	1439	291	124	1599
Johnson, Marquis H., assignor to J. F. Rosselli, Buffalo, N. Y. Voting-machine	820,790	May 15	3546	760-1	122	910
Johnson, Martin M., Greenville, Ohio. Game-table	811,148	Jan. 30	5157	1078	120	1279
Johnson, Martin M., Dayton, Ohio. Game-table	828,211	Aug. 7	1019	213	123	1920
Johnson, Martin M. and E. G., Malta, Ill. Corn-husker	811,067	Jan. 30	4985	1040	120	1243
Johnson, Mary E., executrix. (See Bourne, George C., assignor.) (Reissue.)						
Johnson, Mary E., executrix, (trustee.) (See Ellstrom, Gustaf, assignor.)						
Johnson, Mary E. (See Mossberg, Oscar F., assignor.)						
Johnson, Minnie E. (See Kinney, Edward E., assignor.)						
Johnson, Milton L., Cedar Rapids, Iowa. Tongue-support	836,975	Nov. 27	4163	888	125	1160
Johnson, Montgomery H., Utica, N. Y. Electric switch	816,100	Mar. 20	4305	911	121	1096
Johnson, Montgomery H., Utica, N. Y. Electric panel-board	831,666	Sept. 25	3580	751	124	999
Johnson, Moses C., assignor to Carlyle Johnson Machine Company, Hartford, Conn. Reversible driving mechanism	815,433	Mar. 20	2945	611	121	750
Johnson, Moses E., Pittsburg, Pa. Wire basket	813,499	Feb. 27	3966	870	120	2497
Johnson, Moses E., Pittsburg, Pa. Fence-post	814,138	Mar. 6	270	54	121	59
Johnson, Moses E., Pittsburg, Pa. Wire-fence stretcher	814,139	Mar. 6	271	54	121	60
Johnson, Nels, Colorado Springs, Colo. Sash-fastener	836,976	Nov. 27	4165	888	125	1161
Johnson, Ole, Cedarhome, Wash. Penholder	809,692	Jan. 9	2194	454-5	120	514
Johnson, Oliver J., Wheeling, W. Va. Feed mechanism for metal sheets	810,152	Jan. 16	3106	641-2	120	764
Johnson, Oliver J., Wheeling, W. Va. Can-end-soldering machine	821,644	May 29	5336	1137	122	1420
Johnson, Oliver W., Cleveland, Ohio. Stamp-affixing machine	809,569	Jan. 9	1936	402-3	120	458
Johnson, Olof, Estherville, Iowa. Cement-block machine	831,077	Sept. 18	2391	502	124	662
Johnson, Otto, Brereton, Ill. Carrier	816,473	Mar. 27	5072	1076	121	1258
Johnson, Otto W., Chicago, Ill. Hair-clipper	816,235	Mar. 27	4562	971	121	1150
Johnson, Peter A., St. Paul, Minn. Folding sled	831,513	Sept. 18	3220	680	124	867
Johnson, R. M. (See Parkhurst, Frank W., assignor.)						
Johnson, Richard, Elk Point, S. D. Table	831,667	Sept. 25	3582	752	124	999
Johnson, Richard F., Rockford, Ill. Child's folding chair	834,383	Oct. 30	5007	1060	124	2614
Johnson, Richard H., assignor of one-half to C. Dzuck, Boise, Idaho. Manicure and chiropodist's apparatus	837,229	Nov. 27	4660	990-1	125	1283
Johnson, Robert, Goin, Tenn. Mill-pick	813,212	Feb. 20	3380	745	120	2310
Johnson, Samuel S. (See Bowman, Benton S., assignor.)						
Johnson, Seaver A., Oroville, Cal. Cable-clutch	820,422	May 15	2838	618	122	752
Johnson, Sidney A. (See Hughes, Johnson, and Sayle.)						
Johnson, Simon C., and G. H. Miller, De Kalb, Ill. Car-replacer	822,669	June 5	874	180	122	1921
Johnson & Tallman. (See Tallman, Perry H., assignor.)						
Johnson, Theodore G., Kansas City, Mo. Adjustable mold	819,229	May 1	392	83	122	93
Johnson, Theodore H., St. Paul, Minn. Mattress	831,441	Sept. 18	3088	654	124	831
Johnson, Theodore M. (See Nilson, Lars G., assignor.) (Reissue.)						
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	813,801	Feb. 27	4544	1004	120	2621
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	813,802	Feb. 27	4545	1005	120	2622
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Tubular-magazine firearm	816,015	Mar. 27	4120	872	121	1055
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Tubular-magazine firearm	819,549	May 1	1012	221	122	228
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Tubular-magazine firearm	819,550	May 1	1013	222	122	228
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Wrought-metal fore-arm for guns	819,551	May 1	1014	222	122	229
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Tubular-magazine firearm	827,978	Aug. 7	567	116	123	1813
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Tubular-magazine firearm	827,979	Aug. 7	569	116	123	1813
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	829,215	Aug. 21	3091	650	123	2506
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	830,594	Sept. 11	1417	294	124	379
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	834,578	Oct. 30	5366	1159	124	2704
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	835,825	Nov. 13	1864	393	125	514
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	836,502	Nov. 20	3176	673	125	883
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	837,072	Nov. 27	4373	926-7	125	1212
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firearm	839,389	Dec. 25	4175	893	125	2518
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Cartridge-stop for tubular-magazine guns	839,390	Dec. 25	4176	894	125	2518
Johnson, Thomas F., Camden, N. J. Device for treating wool	824,121	June 26	3739	798	122	2707
Johnson, Thomas J., Norman, Okla. Ter. Weather-strip	831,872	Sept. 25	3981	831	124	1098
Johnson, Thomas W., Philadelphia, Pa. Apparatus for regulating combustion in furnaces	838,338	Dec. 11	2132	462	125	1928
Johnson, Vincent, Aspen, Colo. Means for propelling row-boats	839,595	Dec. 25	4591	980	125	2618
Johnson, W. Edgar. (See Lewis, Frank E., assignor.)						
Johnson, Wallace B., assignor to Fairbanks, Morse & Company, Chicago, Ill. Conveyor	811,149	Jan. 30	5159	1078	120	1279
Johnson, Warren S., Milwaukee, Wis. Steam-generator	813,098	Feb. 20	3146	689	120	2261
Johnson, Warren S., Milwaukee, Wis. Motor-propelled vehicle	813,213	Feb. 20	3381	744-7	120	2311
Johnson, Warren S., Milwaukee, Wis. Steam-trap	816,474	Mar. 27	5073	1076-7	121	1258
Johnson, Wilber H., Cumberland, Md. Supply and exhaust valve mechanism for motors	813,305	Feb. 20	3562	784	120	2349
Johnson, Will R., Montfort, Wis. Pump-rod lifter	821,645	May 29	5340	1137	122	1421
Johnson, William A., Mount Vernon, Ga. Pea-harvesting machine	815,711	Mar. 20	3480	728	121	867
Johnson, William A., Toronto, Canada. Electric machine	829,015	Aug. 21	2650	558	123	2390
Johnson, William B., assignor of one-half to E. Pinney, Gallup, N. Mex. Ter. Railway-tie plate	815,590	Mar. 20	3219	677	121	809
Johnson, William C. (See McMillan, Johnson, and Collord.)						
Johnson, William C., St. Louis, Mo. Vending device	836,688	Nov. 27	3577	762	125	1013
Johnson, William E. (See Pennock and Johnson.)						
Johnson, William H., Brandon, Vt., assignor of one-half to W. E. Kimball, Thompsonville, Conn. Mechanical detonating toy	821,942	May 29	5926	1261	122	1552

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Johnson, William H., assignor of one-fourth to D. B. Gurney, Whitman, Mass. Nail-sorting machine.	833,688	Oct. 16	3391	722	124	2122
Johnson, William M., Detroit, Mich. Shaft carrier and tug.	811,850	Feb. 6	598	130	120	1611
Johnson, William R., East Boston, Mass. Portable suspending-hook.	836,041	Nov. 13	2223	476	125	598
Johnson, Woolsey M., Hartford, Conn. Treating matte.	814,049	Mar. 6	100	121	23	
Johnson, Woolsey M., Iola, Kans. Electrical smelting.	814,050	Mar. 6	102	19	23	
Johnson, Woolsey M., Iola, Kans. Treating nickel-copper matte.	825,056	July 3	735	123	197	
Johnson, Woolsey M., Iola, Kans. Making sulfuric acid.	825,057	July 3	736	154	123	197
Johnson, Woolsey M., Iola, Kans. Rotary electric furnace.	825,058	July 3	738	154	123	198
Johnston, Albert S., Los Angeles, Cal. Pneumatic surf-board.	821,806	May 29	5673	1209	122	1496
Johnston, Allen, Ottumwa, Iowa. Manufacture of hollow metallic balls from sheet metal.	812,135	Feb. 6	1193	261	120	1732
Johnston, Allen, Ottumwa, Iowa. Grinding-machine.	833,787	Oct. 23	3588	767	124	2217
Johnston, Allen, Ottumwa, Iowa. Sash-pulley.	837,475	Dec. 4	396	90	125	1455
Johnston, Allen, Ottumwa, Iowa. Machine for making balls from sheet metal.	837,573	Dec. 4	577	134-5	125	1499
Johnston, Allen, Ottumwa, Iowa. Pulley.	839,596	Dec. 25	4593	980	125	2618
Johnston, Andrew J. and C. K., Liverpool, England. Dry measurer.	830,666	Sept. 11	1576	325	124	423
Johnston, Archibald, assignor to Bethlehem Steel Company, Bethlehem, Pa. Heat-regulating device.	824,723	July 3	51	9-10	123	17
Johnston, Cameron. (See Uish, Joseph E., assignor.)						
Johnston, Charles K. (See Johnston, Andrew J. and C. K.)						
Johnston, Edward A., Sterling, Ill. Hay-loader.	812,793	Feb. 13	2543	559	120	2083
Johnston, Edward A., Sterling, Ill. Wheel-fastener.	819,434	May 1	808	174	122	182
Johnston, Edward A., Sterling, Ill. Hay-rake.	828,119	Aug. 7	862	177	123	1833
Johnston, Edward A., Sterling, Ill., assignor to International Harvester Company. Corn-planter.	825,059	July 3	739	155-6	123	198
Johnston, Edward A., Sterling, Ill., assignor to International Harvester Company. Supporting mechanism for harvester-reels.	829,016	Aug. 21	2652	559	123	2390
Johnston, Edward A., Sterling, Ill., assignor to International Harvester Company. Seed-dropping mechanism for corn-planners.	831,352	Sept. 18	2923	620	124	790
Johnston, Edward A., Sterling, Ill., assignor to International Harvester Company. Tongue-hitch.	831,514	Sept. 18	3222	680-1	124	867
Johnston, Edward A., Sterling, assignor to Keystone Company, Rock Falls, Ill. Hay-loader.	828,552	Aug. 14	1741	366	123	2131
Johnston, Ella E., Lyle, Wash. Kettle-cover.	831,353	Sept. 18	2926	621	124	791
Johnston, Elmer P. (See Fuller and Johnston.)						
Johnston, Francis G. D. (See Wilson and Johnston.)						
Johnston, Frank, <i>et al.</i> (See Cadwell, Edwin B., assignor.)						
Johnston, Frank E., and F. A. Snideman, South Haven, Mich. Vehicle-wheel.	831,955	Sept. 25	4158	866	124	1143
Johnston, Frank J., Sacramento, Cal. Decoy.	812,499	Feb. 13	1970	433	120	1967
Johnston, Frank J., Sacramento, Cal. Amusement apparatus.	820,118	May 8	2239	487	122	562
Johnston, Frank J., Sacramento, Cal. Decoy.	833,966	Oct. 23	4093	872	124	2337
Johnston, George M. (See Ridderhof and Johnston.)						
Johnston, George W., St. Joseph, Mo. Air and vacuum motor.	827,021	July 24	4722	985	123	1242
Johnston, Gray W., New York, N. Y. Mechanical movement.	809,693	Jan. 9	2195	455	120	515
Johnston, Gray W., Washington, D. C. Block-signal train-controlling apparatus.	814,963	Mar. 13	1908	401	121	472
Johnston, Gray W., and A. H. Ackermann, New York, N. Y. Automatic block-signal system for electric railways.	813,898	Feb. 27	4746	1049	120	2665
Johnston, Harry A., San Francisco, Cal., assignor to Hercules Gas Engine Works. Sparking igniter for gas-engines.	836,503	Nov. 20	3177	673	125	884
Johnston Harvester Company. (See Farrall, George A., assignor.)						
Johnston, Herbert L., assignor to Hobart Electric Manufacturing Co., Troy, Ohio. Support for vehicle umbrellas or canopies.	828,212	Aug. 7	1021	213	123	1920
Johnston, Herbert L., assignor to Hobart Electric Manufacturing Co., Troy, Ohio. Support for vehicle-canopies.	828,482	Aug. 14	1600	337	123	2095
Johnston, Horace G., Corsicana, Tex. Hoisting mechanism.	833,462	Oct. 16	2944	625	124	2018
Johnston, Hoyt L., Washington, D. C. Shoe-lacing.	835,068	Nov. 6	397	81	125	104
Johnston, James D. (See Cutler and Johnston.)						
Johnston, James J., deceased; J. E. Allen, Columbiana, Ohio, administrator, assignor to A. C. Ellis, Pittsburg, Pa. Apparatus for manufacturing gas.	826,214	July 17	3106	643-5	123	819
Johnston, James J., deceased; J. E. Allen, Columbiana, Ohio, administrator, assignor to A. C. Ellis, Pittsburg, Pa. Manufacturing gas.	826,511	July 17	3715	769-71	123	976
Johnston, James W., Evanston, Wyo. Gate-latch.	830,327	Sept. 4	858	177	124	214
Johnston, John, St. Louis, Mo. Automatic envelop feeding, moistening, and sealing machine.	821,501	May 22	5054	1076-7	122	1302
Johnston, John F. (See Brown, Cyril P., assignor.)						
Johnston, John H., Paris, France. Carbureter for explosive-engines.	815,712	Mar. 20	3484	728	121	868
Johnston, John Q. A., Newburyport, Mass. Plow.	820,202	May 8	2396	520-1	122	596
Johnston, John S., New York, N. Y. Mattress-support.	839,481	Dec. 25	4367	934	125	2563
Johnston, John T., Santa Barbara, Cal. Weather-strip.	835,069	Nov. 6	399	81	125	105
Johnston, Joseph A., Chicago, Ill. Self-closing basin-cock.	816,329	Mar. 27	4774	1011	121	1195
Johnston, Orra S., Leavenworth county, Kans. Tug-holder for swingletrees.	818,095	Apr. 17	3075	663	121	2143
Johnston, Robert, Philadelphia, Pa. Piano card-punching machine.	834,136	Oct. 23	4502	955	124	2442
Johnston, Robert, Springfield, Ill. Switch-block for trolley-tracks.	836,042	Nov. 13	2225	476	125	598
Johnston, Robert G., Mahomet, Ill. Metal post.	837,574	Dec. 4	580	135	125	1500
Johnston, Thomas J., Brooklyn, N. Y., assignor to General Electric Company. Frictionless bearing for electric meters.	816,330	Mar. 27	4776	1011	121	1196
Johnston, Thomas J., Brooklyn, N. Y., assignor to General Electric Company. Lighting-arrester.	822,610	June 5	763	155	122	1896
Johnston, Thomas T., Evanston, Ill. Pump.	834,384	Oct. 30	5009	1060-1	124	2614
Johnston, William O., and P. J. Foley, Chicago, Ill. Sash-lifting apparatus for green-houses.	811,506	Jan. 30	5827	1220	120	1421
Johnston, William W., and W. T. Watts, Doniphan, Mo. Type-writer cabinet.	810,416	Jan. 23	3712	765	120	928
Johnstone, Robert L., Glenridge, N. J. Permanently pliable and adhesive compound for insulating and other purposes.	832,610	Oct. 9	1198	124	1543	
Johnstone, Spence M., New York, N. Y. Hat-fastener.	814,451	Mar. 6	914	188	121	199
Johnstone, William S., Montreal, Quebec, Canada. Stopper for laboratory flasks, bottles, and other containers.	837,408	Dec. 4	261	65	125	1421
Joksch, Victor, Karlin-Prague, and J. Petfik, assignors of one-third to R. Butta, Prague, Austria-Hungary. Automatic switch for electric railways.	813,154	Feb. 20	3272	719	120	2289
Jolbert Construction Company. (See Powers, Howard, assignor.)						
Jolly, Charles L., assignor of one-half to S. Sherwood, Salinas, Cal. Beet-harvester.	809,694	Jan. 9	2197	455	120	515
Jolly, Frank S., McFall, Mo. Mail-carrier.	827,312	July 31	5361	1114	123	1417
Jolt Lubricator Company. (See Annan, George H., assignor.)						
Joly, Henri, Paris, France. Synchronizing apparatus.	839,152	Dec. 25	3707	800	125	2404
Jonas, Baroukh, Toledo, Ohio. Galvanic cell.	828,319	Aug. 14	1271	269	123	2011

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
Jonas, Charles, assignor to Metallic Folding Bed Company, Chicago, Ill. Metallic folding bed.....	819,435	May 1	810	174	122	182
Jonas, Charles S., <i>et al.</i> (See Hart, Frederick, assignor.)						
Jonas, Richard, Berlin, Germany. Gear for directing trains of wagons.....	831,956	Sept. 25	4158	866-7	124	1143
Jonas, Richard A., <i>et al.</i> (See Hart, Frederick, assignor.)						
Jones, Abram H., Hartford City, Ind. Gas-generator.....	822,132	May 29	6281	1337-8	122	1633
Jones, Albert F., Salem, Mass. Saw-blade.....	833,528	Oct. 16	3069	651	124	2047
Jones, Albert O., East Conneaut, assignor of one-half to B. Kennedy, Conneaut, Ohio. Clamp.....	819,887	May 8	1703	365	122	445
Jones, Albert O., East Conneaut, assignor of one-half to B. Kennedy, Conneaut, Ohio. Plane.....	819,888	May 8	1704	365-6	122	446
Jones, Alfred E., Indian Orchard, Mass. Water-actuated pumping apparatus.....	836,504	Nov. 20	3179	673	125	884
Jones, Alfred W., St. Louis, Mo. Elastic-tread horseshoe.....	819,016	Apr. 24	4927	1058	121	2597
Jones, Alice, Dehesa, Cal. Form for trousers.....	820,203	May 8	2399	521	122	596
Jones, Alvey A., Turtle Creek, Pa. Nut-lock.....	829,216	Aug. 21	3093	650	123	2507
Jones, Amanda T., Junction City, Kans. Drying foods.....	827,730	Aug. 7	69	14	123	1688
Jones, Andrew A., Cincinnati, Ohio. Sash-holder.....	812,136	Feb. 6	1195	262	120	1733
Jones, Arthur C. (See Smith, William F., assignor.)						
Jones, Arthur E., Union City, assignor to S. O. & C. Co., Ansonia, Conn. Machine for setting gromets and similar articles.....	817,780	Apr. 17	2438	521-2	121	2003
Jones, Benjamin H., St. Louis, Mo. Corner-fastening for beds.....	809,447	Jan. 9	1709	352	120	409
Jones, Benjamin H., St. Louis, Mo. Metallic bedstead.....	828,742	Aug. 14	2107	446	123	2224
Jones, Byron, Portland, Ind. Pipe-coupling.....	826,431	July 17	3504	729	123	917
Jones, Charles E., New York, N. Y. Electric-arc lamp.....	839,482	Dec. 25	4369	934-5	125	2563
Jones, Charles H. (See Amos and Jones.)						
Jones, Charles H. (See Leonard and Jones.)						
Jones, Charles L., Caruthersville, Mo. Churn-dasher.....	832,484	Oct. 2	930	182	124	1435
Jones, Charles W., Sonora, Cal. Clasp.....	829,789	Aug. 28	4316	911	123	2853
Jones, Clarence H. (See Artibee, Wilfred J., assignor.)						
Jones Cold Store Door Company of Washington County. (See Jones, Richard E., assignor.)						
Jones, Daniel W., Sacramento, Cal. Earth cutter and grader.....	823,872	June 19	3282	696-7	122	2551
Jones, David E., <i>et al.</i> (See Pfirmer, William H., assignor.)						
Jones, David W., Plainfield, N. J., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Mechanism for controlling the ink-supply of printing-machines.....	833,220	Oct. 16	2430	509-10	124	1890
Jones, Dora, New York, N. Y. Condiment-holder.....	813,649	Feb. 27	4257	935	120	2560
Jones, Dudley E., Little Rock, Ark. Machine-bolting.....	839,001	Dec. 18	3373	728	125	2273
Jones, E. F., <i>et al.</i> (See Osborn, David L., assignor.)						
Jones, E. N., Atlanta, Ga. Crutch.....	834,205	Oct. 23	4630	983	124	2474
Jones, Edmund C., Harvey, Ill. Onion-picker.....	831,613	Sept. 25	3442	723	124	959
Jones, Edward C., San Francisco, Cal., and S. T. Wellman, Cleveland, Ohio. Gas-purifier.....	818,891	Apr. 24	4684	1005	121	2543
Jones, Edward F. (See Beckmann, Henry G., assignor.)						
Jones, Edward F. (See Jones, Gerry, assignor.)						
Jones, Edward M., St. Louis, Mo. Railway-track-grading machine.....	811,929	Feb. 6	787	172-3	120	1649
Jones, Edward N., assignor of one-half to E. C. Gassaway, San Francisco, Cal. Non-refillable bottle.....	828,664	Aug. 14	1945	410	123	2183
Jones, Edward T., Minneapolis, Minn. Spinning-top.....	815,591	Mar. 20	3220	677	121	809
Jones, Edwin. (See Dungan, Harry C., assignor.)						
Jones, Edwin C., Woodstock, Canada. Inhaler.....	810,769	Jan. 23	4389	911	120	1081
Jones, Edwin E., Cleveland, Okla. Ter. Furnace.....	829,217	Aug. 21	3094	650-1	123	2507
Jones, Ernest S. (See Green, George F., assignor.)						
Jones, Evan O. (See Jones, Harry B., assignor.)						
Jones, Frederick B., Somerville, Mass., assignor to Warner Instrument Company, Beloit, Wis. Universally-adjustable clamp-bracket.....	819,285	May 1	508	107	122	118
Jones, Frederick W., Santa Paula, assignor to E. North and E. Double, Los Angeles, Cal. Underreamer.....	809,570	Jan. 9	1942	403	120	459
Jones, George A., Ottawa, Kans. Milk-pail.....	822,051	May 29	6131	1306	122	1598
Jones, George A., University Place, Nebr. Animal-trap.....	824,246	June 26	3999	856	122	2763
Jones, George C. (See Armstrong and Eddleman, assignors.)						
Jones, George C., Manchester, N. H. Guard for water-glasses.....	816,016	Mar. 27	4121	872	121	1055
Jones, George H., Philadelphia, Pa. Frame for motor-propelled vehicles.....	815,918	Mar. 20	3928	831	121	960
Jones, George H., Philadelphia, Pa. Magnetic metal-collector for gear-casings.....	819,436	May 1	813	174	122	183
Jones, George H., Los Angeles, Cal. Medicated nest-egg.....	817,573	Apr. 10	2041	430	121	1861
Jones, George W., Owens, Fla. Trunk-harness.....	818,251	Apr. 17	3410	731	121	2215
Jones, George W., Gate City, Ala. Nut-lock.....	830,595	Sept. 11	1419	294	124	379
Jones, Gerald J., Port Elizabeth, Cape Colony. Fence-post.....	832,197	Oct. 2	364	67	124	1300
Jones, Gerry, assignor to E. F. Jones, Binghamton, N. Y. Platform-scale.....	822,455	June 5	429	88	122	1818
Jones, Harrison F., <i>et al.</i> (See Einsele, George N., assignor.)						
Jones, Harry B., Chicago, Ill., assignor of one-half to E. O. Jones, Racine, Wis. Bottle-stopper.....	824,122	June 26	3740	799	122	2707
Jones, Harry F. (See Smith and Jones.)						
Jones, Harry S. (See Jones, William G., assignor.)						
Jones, Harry S. and W. G., Chicago, Ill. Leaf-flexing machine.....	810,540	Jan. 23	3962	815-17	120	986
Jones, Harry W., Battle Creek Mich. Reversible valve-gear.....	824,657	June 26	4814	1026-7	122	2937
Jones, Heber, and J. T. Vincent, Memphis, Tenn. Cotton-baling press.....	828,213	Aug. 7	1022	214-15	123	1921
Jones, Hiram, Ascot Vale, Victoria, Australia. Machine for crushing and amalgamating metalliferous ores.....	822,052	May 29	6132	1306	122	1598
Jones, Hobert R., Kansas City, Mo. Roller-skate.....	834,526	Oct. 30	5266	1118-19	124	2680
Jones, Homer E., <i>et al.</i> (See Lowe, Luke T., assignor.)						
Jones, Horace D., Cincinnati, Ohio. Universal supporting-clamp.....	824,026	June 19	3582	764	122	2614
Jones, Horatio T., assignor of one-half to J. P. Ludeman, Melbourne, Victoria, Australia. Piston.....	822,053	May 29	6135	1306	122	1599
Jones, Howard. (See Page and Jones.)						
Jones, Howard S. (See Kelley, William V. D., assignor.)						
Jones, J. W. (See McCain, Billy S., assignor.)						
Jones, James H., Chicago, Ill. Means for packing joints.....	819,437	May 1	814	175	122	183
Jones, James J., New York, N. Y. Broiler.....	833,529	Oct. 16	3070	651	124	2047
Jones, James R., Dunmore, Pa. Railway-car.....	817,068	Apr. 3	1029	213	121	1586
Jones, Jesse E., Sycamore, Ind. Cultivator.....	818,252	Apr. 17	3411	731-2	121	2215
Jones, Jesse E., West Middleton, Ind. Extension-step for railway-cars.....	828,743	Aug. 14	2109	446	123	2225
Jones, Joab O., Beverly, Mass. Upper-holding clamp for lasting boots and shoes.....	817,733	Apr. 10	1631	344-5	121	1777
Jones, Job E. (See Rudolph, Samuel, assignor.)						
Jones, John A., Mitchell, Mont. Gate-hinge.....	808,757	Jan. 2	269	58	120	62
Jones, John G., Carthage, N. Y. Making lime.....	832,485	Oct. 2	931	182-3	124	1436
Jones, John M., Utica, N. Y. Ladder and bracket construction.....	817,174	Apr. 10	1235	254	121	1694

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr't	Vol.	Page.
Jones, John O., St. Louis, Mo. Wet gas-meter.	825,324	July 10	1273	268	123	349
Jones, John W., Council Bluffs, Iowa, assignor to J. W. West, Omaha, Nebr. Thill-coupling.	819,552	May 1	1016	222	122	229
Jones, Joseph F., and C. T. Odena, Hampton, Miss. Apparatus for filling and packing bags.	815,091	Mar. 13	2178	459-60	121	529
Jones, Josiah A., Bristol, Conn. Caster.	832,794	Oct. 9	1568	322	124	1629
Jones, Judson R., Rockton, Ill. Harrow.	814,051	Mar. 6	104	19	121	24
Jones, Leon V. (See Thomas, Albion W., assignor.)						
Jones, Lewis T., Richville, N. Y. Tube-cutter.	828,120	Aug. 7	864	178	123	1884
Jones, Llewellyn W., Sewickley, Pa. Strainer.	813,434	Feb. 27	3837	840	120	2465
Jones, Llewellyn W., Sewickley, Pa. Filter.	818,693	Apr. 24	4293	921	121	2459
Jones, Lora, Newton, Kans., assignor to De Long Hook and Eye Company, Philadelphia, Pa. Hook.	809,065	Jan. 2	868	184	120	192
Jones, M. D. (See Ritter, John L., assignor.)						
Jones, Marceus J., Rochester, N. Y. Drug-mixer.	819,999	May 8	1987	437	122	566
Jones, Marshal D., and D. Patterson, Davenport, Iowa. Grease-cup.	835,109	Nov. 6	476	97	125	123
Jones, Martin L. (See Foster and Jones.)						
Jones, Minnie, (now by remarriage M. Franklin,) Denver, Colo. Drafting implement.	819,438	May 1	816	175	122	183
Jones, Monrowe W., and J. A. Dennis, Ardmore, Ind. Ter. Filing-machine.	815,175	Mar. 13	2356	493	121	570
Jones, Nathaniel M., Lincoln, Me. Apparatus for assorting pulp-wood chips.	819,889	May 8	1705	366	122	446
Jones, Owen M., Chicago, Ill. Car-brake.	822,522	June 5	575	116	122	1852
Jones, Pembroke W. (See Ward, John O., assignor.)						
Jones, Philip H., assignor of one-half to R. P. Woods, Litcher, La. Poison-indicator.	823,873	June 19	3285	697	122	2552
Jones, Reginald R., Atlanta, Ga. Plow-fender.	835,684	Nov. 13	1592	339	125	444
Jones, Richard E., Glen Olden, Pa., assignor to Jones Cold Store Door Company of Washington County. Refrigerator-door hinge.	822,279	June 5	107	22	122	1751
Jones, Robert, Jr. (See Gabe, James G., assignor.)						
Jones, Robert C., New Cumberland, W. Va. Automatically-operated temper-screw.	836,384	Nov. 20	2948	624	125	827
Jones, Robert J., Barneston, Nebr. Grain-elevator and wagon-dump.	816,017	Mar. 27	4123	873-4	121	1056
Jones, Royal E. (See Sumner, James E., assignor.)						
Jones, Samuel A., Deshler, Ohio. Minnow-pail.	821,040	May 22	4137	879	122	1099
Jones, Samuel H., Hess, Okla. Ter. Bag-cutting machine.	817,919	Apr. 17	2734	593-4	121	2070
Jones, Simeon A., assignor of one-third to L. Wokoun, Cedar Rapids, Iowa. Rocking device.	839,295	Dec. 25	3996	858	125	2473
Jones, Sterns F., assignor of one-half to Postal Telegraph-Cable Company, New York, N. Y. Telegraphy.	818,892	Apr. 24	4686	1005	121	2544
Jones, Sylvester H., and E. E. Towle, Richmond, Ind., assignors to American Seeding Machine Company, Jersey City, N. J. Speed device for seeding-machines.	816,331	Mar. 27	4778	1012	121	1196
Jones, Thomas A., Essendon, near Melbourne, Victoria, Australia. Wool-scouring machine.	822,954	June 12	1440	300	122	2088
Jones, Thomas D., Cleveland, Ohio. Emergency-knuckle.	832,910	Oct. 9	1806	373	124	1686
Jones, Thomas S., <i>et al.</i> (See Richardson, Abraham, assignor.)						
Jones, Thomas S. (See Richardson and Jones.)						
Jones, Walter. (See Bryan and Jones.)						
Jones, Walter B., Allegheny, Pa. Cut-off device for elevators.	826,858	July 24	4419	920	123	1168
Jones, Walter C., Chicago, Ill., assignor to Garton-Daniels Company, Keokuk, Iowa. Lightning-arrester.	811,226	Jan. 30	5322	1112	120	1316
Jones, Walter F., <i>et al.</i> (See Tubbs, Nelson J., assignor.)						
Jones, Walter H., Brooklyn, N. Y. Tack-pusher.	829,587	Aug. 28	3888	823	123	2750
Jones, Walter J., Hackensack, N. J., assignor to General Electric Company. Incandescent-lamp socket.	818,253	Apr. 17	3413	732	121	2215
Jones, Wilbur G., and J. W. Johnson, Toronto, Canada. Heating apparatus.	815,839	Mar. 20	3780	797	121	928
Jones, William B. (See Churchill and Jones.)						
Jones, William B. (See Fay, Alpheus, assignor.)						
Jones, William B., Quito, Tenn. Compound tool.	826,579	July 24	3888	806	123	1033
Jones, William B., and C. E. Blue, Wheeling, W. Va. Machine for making glass insulators.	837,409	Dec. 4	262	65	125	1422
Jones, William C., Niantic, Ill. Dispensing device.	828,407	Aug. 14	1434	303	123	2051
Jones, William E., Macon, Mo. Scissors.	822,456	June 5	432	88	122	1819
Jones, William E., Rutherford, Tenn. Machine for hulling peas and beans.	838,562	Dec. 18	3133	675	125	2217
Jones, William F., Little Falls, N. J. Bucket or conveyer.	816,332	Mar. 27	4780	1012-13	121	1197
Jones, William G. (See Jones, Harry S. and W. G.)						
Jones, William G., assignor of one-half to H. S. Jones, Chicago, Ill. Binder.	816,915	Apr. 3	731	151	121	1520
Jones, William H., Newton, Mass. Speed-indicator.	834,909	Nov. 6	66	13	125	19
Jones, William J., Franklin, Ind. Grappling-tongs.	823,411	June 12	2369	499	122	2291
Jones, William M. (See Gouldthrite, Frank S., assignor.)						
Jones, William R., North End, Okla. Ter. Combined walking-cane and stool.	817,324	Apr. 10	1538	323	121	1755
Jones, William T. L., and J. C. Faidley, Clifton Forge, Va. Steamway for locomotives.	832,735	Oct. 9	1440	291	124	1599
Jones, William W., Moro, Tex. Shingle-gage.	823,874	June 19	3286	697	122	2552
Jones, William W., assignor to Bryant Electric Company, Bridgeport, Conn. Incandescent-lamp socket.	837,073	Nov. 27	4375	927	125	1212
Jonsson, Carl P. J. (See Janson, Erik C., assignor.)						
Joor, Alphonse, Forest, near Brussels, and A. Mercenier, Brussels, Belgium. Telemeter.	810,541	Jan. 23	3969	817	120	987
Jordahl, Anders, Carnegie, Pa. Fireproof floor construction.	824,363	June 26	4205	898	122	2806
Jordan, Albert, London, England. Adjustable bracket.	830,232	Sept. 4	672	134	124	169
Jordan, Deloss W., Waterloo, Iowa. Centrifugal liquid-separator.	838,718	Dec. 18	2859	616	125	2150
Jordan, Elmore C., and C. B. Brown, Los Angeles, Cal. Air-brake mechanism.	839,769	Dec. 25	4955	1058	125	2708
Jordan, Emma M., New York, N. Y. Corset-steel.	820,500	May 15	3007	647	122	791
Jordan, Frank, Ashland, Oreg. Heating and ventilating flue-block.	829,588	Aug. 28	3889	824	123	2750
Jordan, Frank P., New York, N. Y. Motor-cutter.	814,964	Mar. 13	1911	401-2	121	473
Jordan, Fred B., Winchester, Mass. Temporary binder.	810,338	Jan. 16	3505	723	120	849
Jordan, George W., Purvis, Miss. Switch-operated signal-light.	825,734	July 10	2190	457	123	580
Jordan, Herbert R. (See Tetlow, Joseph, assignor.)						
Jordan, John, Ebenezer, Tenn. Pump.	829,017	Aug. 21	2654	559	123	2391
Jordan, Julius S., Sidney, S. C. Chop-grader.	814,140	Mar. 6	273	54-5	121	60
Jordan, Thomas P., assignor to E. H. Cary, Dallas, Tex. Phantom telephone system.	838,028	Dec. 11	1487	320-1	125	1768
Jordan, Thomas P., assignor of two-thirds to G. A. Carden, Dallas, Tex. Telephone-signal.	838,117	Dec. 11	1684	362	125	1818
Jørgensen, Hans V., and C. H. Sørensen, Aarhus, Denmark. Circulation device for hot-water heating plants.	834,735	Oct. 30	5679	1205	124	2784
Jørgensen, Joachim C., assignor of one-half to J. C. Donaldson, Washington, D. C. Car-fender.	820,204	May 8	2400	521	122	596
Jørgensen, Nels, Craig, Nebr. Loading apparatus.	826,035	July 17	2755	570	123	736
Jørgensen, Walter, assignor to Aktiebolaget Separator, Stockholm, Sweden. Regulating-turbine for separators.	832,198	Oct. 2	365	67	124	1301
Jorgenson, John, San Francisco, Cal. Lock.	832,174	June 12	1900	392	122	2190
Jorgenson, John, assignor of one-half to A. Quade, San Francisco, Cal. Lock.	823,221	June 12	2025	421	122	2219

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Jorgenson, John, assignor of one-half to A. Quade, San Francisco, Cal. Lock	823,222	June 12	2028	422	122	2220
Jorgenson, John O., Kansas City, Mo. Sled	837,230	Nov. 27	4663	991	125	1284
Joseph, Edward L., London, England. Apparatus for ozonizing atmospheric air	829,790	Aug. 28	4317	912	123	2854
Joseph, James S. (See Albright and Joseph.)						
Joseph, Theodore H., <i>et al.</i> (See McIntyre, Frank, assignor.)						
Joseph, Thomas B., San Francisco Cal. Metal-leaching	814,452	Mar. 6	915	.....	121	199
Joslin, Alexander D., Chicago, Ill. Conductor's check holding and cutting device	822,523	June 5	576	116	122	1853
Joslin, David J., San Diego, Cal. Paint	827,534	July 31	5901	.....	123	1548
Joslin, Hiram L., Eureka Springs, Ark. Spraying device	815,713	Mar. 20	3485	729	121	868
Joslyn, George B. (See Messer and Joslyn.)						
Josselyn, John A., Natick, Mass. Heel-building machine	832,130	Oct. 2	217	43-4	124	1266
Jost, John F. W., Philadelphia, Pa. Incandescent gas-lamp	809,810	Jan. 9	2403	498	120	561
Jottrand, Felix Ucle, Belgium. Cutting plates, pipes, &c.	831,078	Sept. 18	2394	502	124	662
Joubert, Joseph, and F. Suter, Lyon, France. Apparatus for slaying warps	818,381	Apr. 17	3651	784	121	2266
Jousset, Albert D. (See Jousset, Flora E. and A. D.)						
Jousset, Flora E., New York, N. Y. Vehicle-guard	826,432	July 17	3505	729	123	917
Jousset, Flora E. and A. D., New York, N. Y. Inhaler	831,004	Sept. 11	2207	466	124	583
Joy, Charles H., assignor of one-half to W. J. Driver, Chicago, Ill. Burglar-alarm	834,736	Oct. 30	5681	1206	124	2785
Joy, Charles L., New Haven, Conn. Cutlery-polishing machine	832,861	Oct. 9	1713	353-4	124	1665
Joy, Charles L., New Haven, Conn. Skate-runner-grinding fixture	835,535	Nov. 13	1314	281-2	125	375
Joy Horn Manufacturing Company. (See Joy, Joseph F., assignor.)						
Joy, Joseph F., assignor to Joy Horn Manufacturing Company, Monongahela, Pa. Lubricator for cars	813,214	Feb. 20	3386	747	120	2311
Joyal, Dolphis, Lowell, Mass. Lamp-burner	809,112	Jan. 2	983	203	120	217
Joyce, Asa A., <i>et al.</i> (See Smith, Henry R., assignor.)						
Joyce, Charles, <i>et al.</i> (See Beck, William, assignor.)						
Joyce, James M., Edgerton, Wis. Chain	809,113	Jan. 2	984	203	120	217
Joyce, Martin, assignor of one-half to T. F. Long and E. Klee, Elizabeth, N. J. Combination match-receptacle and gas-key	839,597	Dec. 25	4594	980	125	2619
Joyce, Maurice, Washington, D. C. assignor, by mesne assignments, to New Jersey Patent Company, West Orange, N. J. Duplicating phonograms	831,668	Sept. 25	3583	752	124	999
Joyce, William H., <i>et al.</i> (See Kelly, Alonzo, assignor.)						
Joyson, Joseph, Rock Springs, Wyo. Rail chair and joint combined	817,325	Apr. 10	1540	323	121	1756
Judd, William J., Park Ridge, N. J. Wagon	829,922	Aug. 28	4593	968	123	2922
Judd, William J., New York, N. Y., assignor to F. C. Austin, Chicago, Ill. Mixing-machine	831,957	Sept. 25	4159	867	124	1144
Judd, William J., New York, N. Y., assignor to F. C. Austin, Chicago, Ill. Mixer for concrete, cement, or other substances	836,190	Nov. 20	2557	537-9	125	731
Judd, William J., New York, N. Y., assignor to F. C. Austin, Chicago, Ill. Mixing-machine	836,191	Nov. 20	2562	539-40	125	732
Judge, Henry A., Washington, D. C. Telephone system	809,186	Jan. 2	1109	230	120	245
Judge, James L., Minneapolis, Minn. Air-valve for steam-radiators	816,475	Mar. 27	5077	1077	121	1259
Judge, Joseph, Pittston, Pa. Safety device for air-brakes	839,598	Dec. 25	4596	980-1	125	2619
Judie, James A., South Bend, Ind. Mold for bricks	818,452	Apr. 24	3791	814	121	2351
Judson L. Thomson M'fg Company. (See Bartel, William P., assignor.)						
Juengst, Charles A., Croton Falls, N. Y. Stapling-machine	813,215	Feb. 20	3390	747-8	120	2312
Juengst, Charles A., Croton Falls, N. Y. Signature-gathering machine	828,665	Aug. 14	1946	410	123	2183
Juengst, Charles A., assignor to Higley Machine Company, Croton Falls, N. Y. Metal-sawing machine	822,670	June 5	878	180-1	122	1922
Juhl, Claus A., Chicago, Ill. Hoist or elevator	809,066	Jan. 2	869	185	120	192
Juhler, Jesse M., Spreckels, Cal. Stuffing-box	834,984	Nov. 6	206	45	125	54
Julhe, Jean B. I. A., St. Mandé, France. Construction of ships' hulls	812,656	Feb. 13	2287	497	120	2030
Julian, Frank, St. Paul, Minn. Apparatus for purifying natural water	831,873	Sept. 25	3982	832	124	1098
Julian, Joseph, and G. Brooks, Oglesby, Ill. Block-mold	833,836	Oct. 23	3708	791	124	2246
Julius, Paul, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Blue-red azo dye	833,605	Oct. 16	3237	.....	124	2088
Julius, Paul, and E. Münch, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Green-blue sulfur dye and making same	820,501	May 15	3008	.....	122	791
Julyan, Frederick. (See Nind and Julian.)						
Jumeaux, Benjamin, and W. N. L. Davidson, Brighton, England. Trichromatic photography	814,215	Mar. 6	418	.....	121	91
Jung, Oscar H., Milwaukee, Wis. Branding-machine for bottle-closures	818,893	Apr. 24	4687	1005-6	121	2544
Jungel, Michael, Chicago, Ill. Veneer-press	823,175	June 12	1904	392-3	122	2191
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines	824,546	June 26	4595	977	122	2889
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Regulating mechanism for turbines	824,547	June 26	4605	978	122	2891
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Governing-valve mechanism for turbines	824,658	June 26	4815	1027	122	2937
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine	826,941	July 24	4575	952	123	1208
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Turbine which utilizes gases from fire-chambers for reheating	829,791	Aug. 28	4320	912-13	123	2854
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine	830,900	Sept. 11	2016	424-6	124	538
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Multistage turbine	834,476	Oct. 30	5172	1099	124	2655
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Valve mechanism for turbines	838,418	Dec. 11	2288	496	125	1965
Jungman, Leo A., Hamilton, Tex. Cattle-guard	837,842	Dec. 4	1115	248	125	1631
Jungner, Ernst W., Kneippbad, assignor to Nya Ackumulator-Aktiebolaget Jungner, Stockholm, Sweden. Manufacturing electrodes for electrical accumulators by means of continually-working machines	836,261	Nov. 20	2713	577-8	125	771
Junkers, Hugo, Aachen, Germany. Apparatus for producing boiling water	816,101	Mar. 27	4307	911	121	1096
Junkers, Hugo, Aix-la-Chapelle, Germany. Determining the heating power of combustibles	832,611	Oct. 9	1199	242	124	1543
Junkins, Leander D., and G. H. Woods, Somerville, Mass. Display-stand	827,980	Aug. 7	570	116-17	123	1814
Juno, Frank, Timken, Kans. Band-cutter and feeder	821,646	May 29	5341	1138	122	1421
Juppert, Pierre, Paris, France. Device for rendering bottles non-refillable	809,811	Jan. 9	2405	498	120	562
Jürgens, Johann, New York, assignor of one-half to C. Kretschmer, Brooklyn, N. Y. Amusement apparatus	825,130	July 3	876	184-5	123	232
Jürgens, Johann, and A. Westphal, Hamburg, Germany. Impregnating roasted coffee	832,322	Oct. 2	615	.....	124	1360
Jurt, Grace. (See Atkinson, Adrienna O., assignor.)						
Juruck, Maximilian. (See Poehn and Juruck.)						
Just, John A., Pulaski, assignor to Just Mining & Extraction Co., Syracuse, N. Y. Recovery of precious metals from ores, &c.	814,294	Mar. 6	572	.....	121	123

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Just, John A., Pulaski, assignor to Just Mining & Extraction Co., Syracuse, N. Y. Re-covering precious metals	820,000	May 8	1989	-----	122	506
Just Mining & Extraction Co. (See Just, John A., assignor.)						
Justice, Franklin A., Pittsburgh, Pa. Curtain-frame	824,484	June 26	4476	949	122	2863
Justus, Charles W., Lima, Ohio. Woodworking-tool	832,736	Oct. 9	1442	291	124	1600
Justus, Ocie and O., Clarksburg, W. Va. Display-rack	817,374	Apr. 10	1632	345	121	1777
Justus, Ora. (See Justus, Ocie and O.)						
Juve, Henry S. (See Carlson and Juve.)						
Kaar, Ira J., Havelock, Nebr. Potato-feeding mechanism	825,466	July 10	1594	332	123	433
Kaar, Ira J., Havelock, Nebr. Disk-scraping mechanism	836,644	Nov. 20	3441	735	125	944
Kachline, John F., assignor of one-half to O. B. Wetherhold, Reading, Pa. Box-labeling machine	825,908	July 17	2507	522	123	668
Kachline, John F., assignor of one-half to O. B. Wetherhold, Reading, Pa. Printing mechanism	832,199	Oct. 2	367	68	124	1301
Kacso, Sando, Allegheny, Pa. Safety device for elevators	816,333	Mar. 27	4782	1013	121	1197
Kaczander, Leopold, assignor to Nathan Manufacturing Company, New York, N. Y. Combined stop and check valve	817,069	Apr. 3	1031	213	121	1587
Kaczander, Leopold, assignor to Nathan Manufacturing Company, New York, N. Y. Multiple drop-feed apparatus for liquids	823,223	June 12	2034	422-3	122	2222
Kadel, Dottie, Powder Springs, Ga. Mixer and kneader	810,417	Jan. 23	3713	765	120	929
Kaeferle, Fritz, Hanover, Germany. Low-pressure steam-heating apparatus	832,737	Oct. 9	1444	291	124	1600
Kaeferle, Fritz, Hanover, Germany. Fluid-pressure reducing or regulating apparatus	834,060	Oct. 23	4322	919	124	2395
Kaehl, Ferdinand, Berlin, Germany. Centrifugal machine	823,948	June 19	3430	732	122	2584
Kagey, Henry H., Ashland, Ohio. Milking-stool	818,254	Apr. 17	3414	732	121	2216
Kahl, George A., Plainsberg, Cal. Rail-brace	835,136	Nov. 6	536	109	125	137
Kahl, Louis C., assignor to Waterbury Machine Company, Waterbury, Conn. Carrier mechanism	808,758	Jan. 2	270	58	120	62
Kahlenberg, William R., Two Rivers, Wis. Exhaust-muffler	810,542	Jan. 23	3970	818	120	988
Kahlenberg, William R., Two Rivers, Wis. Crank	812,208	Feb. 13	1406	306	120	1846
Kahler, Charles H. L., Boston, Mass. Yarn-nipper	835,536	Nov. 13	1316	282	125	376
Kahn, Edward A., and R. A. Seigle, Indianapolis, Ind. Display device	823,536	June 19	2660	560	122	2413
Kahn, Edward C., Milwaukee, Wis. Hydrocarbon-burner	834,061	Oct. 23	4323	919	124	2395
Kahn, Julius, assignor to Trussed Concrete Steel Company, Detroit, Mich. Combined steel and concrete beam	813,803	Feb. 27	4546	1005	120	2622
Kahn, Julius, assignor to Trussed Concrete Steel Company, Detroit, Mich. Tension member for composite construction	816,334	Mar. 27	4784	1013	121	1197
Kahn, Julius, assignor to Trussed Concrete Steel Company, Detroit, Mich. Railway cross-tie	816,800	Apr. 3	483	108	121	1463
Kahn, Julius, assignor to Trussed Concrete Steel Company, Detroit, Mich. Concrete pile	827,535	July 31	5902	1223	123	1548
Kahn, Julius, assignor to Trussed Concrete Steel Company, Detroit, Mich. Tension member for reinforced concrete	835,758	Nov. 13	1732	369	125	479
Kahn, Solomon, Cadillac, Mich. Adjustable bracket	809,448	Jan. 9	1710	352	120	409
Kaho, Halley T., Seneca, Ohio. Ice-creeper	834,062	Oct. 23	4326	919	124	2396
Kaiser, Charles A., Brooklyn, assignor of one-third to L. Flatow, New York, N. Y. Rotary steam-engine	834,737	Oct. 30	5683	1206	124	2785
Kaiser, Charles A., Astoria, assignor of one-third to L. Flatow, New York, N. Y. Rotary engine	837,843	Dec. 4	1116	248-9	125	1631
Kaiser, Frank A., assignor to Scranton Bedding Company, Scranton, Pa. Rope-un-twisting machine	828,121	Aug. 7	865	178	123	1884
Kaiser, Martin J., Elizabeth, N. J. Shutter-fastener	834,910	Nov. 6	69	13	125	20
Kaiser, Oliver B., Norwood, Ohio. Means for making artificial building-stone	822,524	June 5	577	116	122	1853
Kaiser, William I., Seattle, Wash. Stopper	815,351	Mar. 20	2755	574	121	707
Kakao-Compagnie Theodor Reichardt Gesellschaft mit Beschränkter Haftung. (See Neumann, Friedrich E. F., assignor.)						
Kakao-Compagnie Theodor Reichardt Gesellschaft mit Beschränkter Haftung. (See Neumann, Richard G., assignor.)						
Kalisch, Frederick, assignor of one-eighth to G. D. Kluegel, St. Louis, Mo. Automatic air-brake apparatus for automobiles	811,507	Jan. 30	5828	1220	120	1422
Kalischer, Georg, Frankfurt-on-the-Main, Germany, assignor to Cassella Color Company, New York, N. Y. Red azo dye and making same	813,155	Feb. 20	3273	-----	120	2289
Kalischer, Louis, Brooklyn, N. Y. Installing electric outlets and fireproof walls and partitions containing the same	832,612	Oct. 9	1204	242-3	124	1544
Kalischer, Louis, Brooklyn, N. Y. Means for installing electric outlets	832,862	Oct. 9	1716	354-5	124	1666
Kalish, Henry C. (See Ransom, Louis, assignor.)						
Kalispell Manufacturing & Improvement Company. (See Schauer, John W., assignor.)						
Kalkau, John E., and H. T. W. Bodeck, New York, N. Y. Coin-operated vending-machine	835,222	Nov. 6	690	142	125	175
Kalkbrenner, George, Albany, N. Y. Toy	839,770	Dec. 25	4956	1058	125	2708
Kalkhurst, Charles J. (See Nelson and Kalkhurst.)						
Kalla, Alexander, New York, N. Y. Carpenter's plane	816,335	Mar. 27	4784	1013-14	121	1198
Kalle and Company Aktiengesellschaft. (See Friedlaender, Paul, assignor.)						
Kalli, Nami, New Brunswick, N. J. Folding baby-carriage	836,505	Nov. 20	3182	674	125	885
Kallinich, Hugo J. (See Lindner and Kallinich.)						
Kalliwoda, Irene, Sopron, Austria-Hungary. Crochet-work button	811,724	Feb. 6	354	78	120	1565
Kallmann, Martin, Berlin, Germany. Starting device for electric motors	829,340	Aug. 21	3341	703	123	2567
Kallmerten, A. (See Lutz, Thomas J., Jr., assignor.)						
Kallmeyer, Theodore. (See Abramowitz, Joseph, assignor.)						
Kallsen, Frederick, assignor of one-half to J. C. Kallsen, Chicago, Ill. Stovepipe-ventilator	832,019	Sept. 25	4274	894	124	1173
Kallsen, Julius C. (See Kallsen, Frederick, assignor.)						
Kaltenbach, Robert W., Bedford, and J. Griess, Jr., Cleveland, Ohio. Clam-shell bucket	823,412	June 12	2370	499	122	2292
Kaltenbach, Robert W., Bedford, and J. Griess, Jr., Cleveland, Ohio. Clam-shell bucket	823,413	June 12	2373	500	122	2293
Kaltschmidt, Albert E., assignor of thirty-four per cent. to G. W. Willebrands, Detroit, Mich. Railway-crossing	837,575	Dec. 4	581	135-6	125	1500
Kamen, John F. (See Smurr and Kamen.)						
Kaminsky, John F., Mildred, Pa. Railway-tie	838,255	Dec. 11	1989	426	125	1891
Kamiske, Christian G., Milwaukee, Wis. Refrigerating apparatus	822,054	May 29	6136	1307	122	1599
Kammann, William T., Chicago, Ill. Motor-vehicle	839,068	Dec. 18	3498	756-7	125	2305
Kammerer, Frank G., Chicago, Ill. Filter	833,056	Oct. 9	2075	437	124	1752
Kamper, Charles J., and E. H. Schofield, Atlanta, Ga., assignors to said Kamper. Urn	821,365	May 22	4785	1017	122	1244
Kampfe, Frederick. (See Kampfe, Otto and F.)						
Kampfe, Frederick, New York, N. Y. Razor-strop	812,568	Feb. 13	2124	466	120	1999
Kampfe, Otto, New York, N. Y. Hook	815,019	Mar. 13	2043	428	121	500
Kampfe, Otto, New York, N. Y. Show-case	830,076	Sept. 4	329	66	124	80
Kampfe, Otto, New York, N. Y. Handle	831,228	Sept. 18	2667	561	124	723

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Kampfe, Otto and F., New York, N. Y. Razor-strop.....	809,114	Jan. 2	985	203	120	218
Kandle, Matthias M. (See Harris and Kandle.)						
Kandó, Coloman de, Budapest, Austria-Hungary, assignor to Railway Electric Power Company. Automatically-regulated liquid rheostat operated by means of compressed air.....	821,418	May 22	4900	1041	122	1269
Kane, James L. (See McEachern, Dougald, assignor.)						
Kane, John H., New Brighton, Pa. Violin-bow.....	833,463	Oct. 16	2945	625	124	2018
Kane, Joseph P., Renovo, Pa. Life-guard fender for wheels.....	826,664	July 24	4045	838	123	1075
Kane, Peter W., Mason City, Iowa. Variable-speed gear.....	810,058	Jan. 16	2934	611	120	730
Kane, William, Philadelphia, Pa. Heating apparatus.....	823,686	June 19	2940	621	122	2476
Kanmacher, Sam H., Schenectady, N. Y., assignor to General Electric Company. Controller for electric circuits.....	820,877	May 15	3738	798	122	951
Kanne, Frederick F., Waterville, Minn. Oil-vaporizer.....	828,666	Aug. 14	1949	410	123	2184
Kansas City Billiard Table Manufacturing Company. (See Treiber, Theodore R., assignor.)						
Kanterase Check Protector Co. (See Hodge, Arthur J. and N., assignors.)						
Kantner, Washington C., Reading, Pa. Mitering-machine.....	834,206	Oct. 23	4631	983	124	2474
Kantoos, Richard M., Chicago, Ill. Pencil-sharpener.....	824,987	July 3	624	125	123	164
Kaplan, Godfrey J., assignor to L. Disbrow, Owatonna, and R. B. Disbrow, Minneapolis, Minn. Combined churn and butter-worker.....	832,063	Oct. 2	67	16	124	1229
Kapp, Joseph A., et al. (See Fritsche, Max, assignor.)						
Kapus, Edward F., St. Joseph, Mo. Window-fastener.....	836,810	Nov. 27	3828	815	125	1081
Karavodine, Victor de, assignor to B. Roux, Paris, France. Treatment and utilization of waste vulcanized rubber and ebonite.....	838,419	Dec. 11	2293	125	1967	
Karfiol, Benzion, New York, N. Y. Perforating or dividing paper.....	835,189	Nov. 6	632	130	125	160
Karfiol, Benzion, New York, N. Y. Machinery for cutting or dividing paper.....	835,190	Nov. 6	635	130-1	125	161
Karfiol, Benzion, New York, N. Y. Apparatus for perforating or dividing paper or other sheet material.....	835,283	Nov. 6	813	169-70	125	206
Karibo, Mabel H., San Luis Obispo, Cal. Book-strap.....	813,216	Feb. 20	3394	748	120	2313
Karlson, Charles A., New York, N. Y. Cabinet.....	815,592	Mar. 20	3221	678	121	809
Karlson, Julius H., Chicago, Ill. Ratchet-drill.....	838,118	Dec. 11	1686	363	125	1818
Karow, Henry, assignor to H. E. Pridmore, Chicago, Ill. Machine for making sand molds.....	828,244	Aug. 7	1025	215-16	123	1921
Karpen, Isaac, assignor to S. Karpen & Bros., Chicago, Ill. Mattress, cushion, &c.....	833,464	Oct. 16	2946	626	124	2019
Karpen, Julius, Chicago, Ill. Safety-match box.....	809,506	Jan. 9	1823	376	120	435
Karpen, Julius, assignor to S. Karpen & Bros., Chicago, Ill. Spring-bottom.....	826,170	July 17	3014	625	123	799
Karr, Francis, Holland, Mich. Spring-support.....	821,295	May 22	4628	986-7	122	1207
Karr, James P., Monticello, Ind. Side brace or anchor for dredges.....	812,043	Feb. 6	1026	224	120	1697
Kas, Johann, Asch, Austria-Hungary. Farrier's tool.....	812,750	Feb. 13	2460	540	120	2065
Kashian, Minas H., Amesbury, Mass. Trolley.....	821,719	May 29	5501	1172	122	1455
Kasperson, Frank H. (See Andersson, Gustaf M., assignor.)						
Kassel, Sigmund. (See König, Simon S., assignor.)						
Kasselman, William J., assignor to Cary Safe Company, Buffalo, N. Y. Bolt operating and locking mechanism.....	812,044	Feb. 6	1029	224-5	120	1698
Kasson, Mahlon O., Sandy Hill, N. Y., assignor to Union Bag & Paper Company. Pulp-molding machine.....	828,408	Aug. 14	1438	303	123	2052
Kasson, Rutgers S., Wilmington, Del. Clutch.....	818,828	Apr. 24	4578	982	121	2521
Kastner, John, Jr., assignor of two-thirds to S. E. Anderson and F. W. Goedeke, Evansville, Ind. Dust-proof ink-well cover.....	823,875	June 19	3287	697	122	2553
Kates, Edmond J., Lincoln, Neb. Safety guide-bracket for car-doors.....	823,047	June 12	1633	338	122	2133
Kathe, Georg, Dresden-Heidenau, Germany. Inking-trough for printing-machines.....	828,667	Aug. 14	1951	411	123	2184
Kato, George P., Jr., Jersey City, N. J. Device for holding show-cards.....	833,743	Oct. 23	3492	745	124	2194
Katsch, Charles E., New Haven, Conn. Electric time-switch.....	817,175	Apr. 10	1235	254-5	121	1694
Katz, Samuel, New York, N. Y. Safety gas-burner.....	820,647	May 15	3264	702	122	847
Katzenberger, Oscar, San Antonio, Tex. Permutation-lock.....	825,735	July 10	2191	458	123	581
Katzenberger, Oscar, San Antonio, Tex. Lock.....	835,437	Nov. 6	1133	245	125	285
Katzenstein, Sigmund. (See Ruge and Katzenstein.)						
Katzinger, Edward, Chicago, Ill. Making pans.....	820,976	May 22	4007	851-2	122	1072
Katzinger, Edward, Chicago, Ill. Baking-pan.....	821,104	May 22	4261	907	122	1127
Katzky, Alexander G., St. Petersburg, Russia. Cigarette-filling machine.....	832,795	Oct. 9	1569	322-3	124	1629
Kaudela, August and K., Unter-Stinkenbrunn, near Laa, Austria-Hungary. Band-saw guide.....	836,446	Nov. 20	3088	655	125	859
Kaudela, Karl. (See Kaudela, August and K.)						
Kaufman, Charles W., Dale township, McLean county, Ill. Road leveler and scraper.....	836,506	Nov. 20	3183	674	125	885
Kaufman, Jesse S., Chicago, Ill. Mail-bag catching and delivery apparatus.....	827,067	July 24	4830	1005-6	123	1268
Kaufman, Everett G., Yonkers, N. Y. Razor-stropping machine.....	836,645	Nov. 20	3442	735	125	945
Kaufman, Everett G., Yonkers, N. Y., assignor of nine-twelfths to J. H. Clauss, Toledo, Ohio, U. J. Ulery, Yonkers, N. Y., and H. Clauss, Fremont, Ohio. Razor-stropping machine.....	825,131	July 3	878	185	123	232
Kaufman, Frank, Dayton, assignor, by mesne assignments, to West Supply Company, Columbus, Ohio. Roll-paper holder and cutter.....	826,665	July 24	4047	839	123	1075
Kaufman, Frank, Dayton, assignor, by mesne assignments, to West Supply Company, Columbus, Ohio. Roll-paper holder and cutter.....	826,666	July 24	4051	839	123	1077
Kaufman, George H., assignor of one-half to J. A. Grubbs, Marienville, Pa. Fence-post.....	817,738	Apr. 10	2342	503	121	1929
Kaufman, John. (See Perkins, Edwin C., assignor.)						
Kaufmann, David B. (See Flint, Benjamin F., assignor.)						
Kaufmann, David B., Cincinnati, Ohio. Fountain-pen.....	827,022	July 24	4724	985	123	1243
Kaufmann, Edward. (See Chaplin, Manley J., assignor.)						
Kaufmann, Ernst, Solingen, Germany. Pocket-knife.....	817,249	Apr. 10	1395	294	121	1727
Kaufmann, Ernst, Solingen, Germany. Knife-casing.....	817,250	Apr. 10	1396	294	121	1727
Kaufmann, Frederick, Burlington, Iowa. Fruit-picker.....	834,207	Oct. 23	4634	983	124	2475
Kaufmann, Heinrich, College Point, N. Y. Quill or cop winding machine.....	823,789	June 19	3128	663	122	2516
Kaufmann, Julius. (See Kochmann and Kaufmann.)						
Kaumagraph Co. (See Scott, William, assignor.)						
Kautze, Edward, Hanford, Cal. Door-releasing mechanism.....	812,500	Feb. 13	1973	433	120	1968
Kautz, Charles, Bath, N. Y. Trolling-spoon.....	813,500	Feb. 27	3967	870	120	2497
Kaut, John, St. Louis, Mo. Shutter for photographic-printing frames.....	836,928	Nov. 27	4082	871	125	1140
Kauten, Nicolaus, Chicago, Ill. Non-refillable bottle.....	833,395	Oct. 16	2794	591	124	1984
Kautzky, Albert and A., assignors of one-third to A. L. Maschl, Vienna, Austria-Hungary. Theater.....	832,323	Oct. 2	616	118	124	1360
Kautzky, Anton. (See Kautzky, Albert and A.)						
Kautzky, Joseph, Fort Dodge, Iowa. Automatic single-trigger mechanism for double-barrel guns.....	827,242	July 31	5227	1086	123	1385
Kavanagh, James A., New York, N. Y. Furnace.....	822,955	June 12	1441	300	122	2089
Kavanaugh, Elwin C., Holyoke, Mass. Gas-engine.....	814,609	Mar. 6	1212	253-4	121	262
Kayle, Oscar C., assignor to H. A. Moyer and E. G. Latta, Syracuse, N. Y. Type-writing machine.....	830,480	Sept. 4	1175	245-6	124	291

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Kavle, Oscar C., assignor to H. A. Moyer and E. G. Latta, Syracuse, N. Y. Finger-key for keyboard instruments.	836,385	Nov. 20	2951	625	125	827
Kay, Montford, Clapton, England. Inverted incandescent gas-burner.	818,255	Apr. 17	3416	732	121	2216
Kay Totten & Winter. (See Ogg, John P., assignor.)						
Kay, William W., St. Louis, Mo. Conductor's cash-fare-receipt register.	809,377	Jan. 9	1546	314-16	120	374
Kay, William W., St. Louis, Mo. Fare-register.	809,378	Jan. 9	1556	316-18	120	376
Kaylor, Clarence D. (See Kaylor, John D. and C. D.)						
Kaylor, Edward, Allegheny, Pa. Car-truck side frame.	833,719	Oct. 16	3449	736	124	2136
Kaylor, John D., Harrison township, Logan county, Ohio. Corn-shock loader and carrier.	812,272	Feb. 13	1550	338	120	1879
Kaylor, John D. and C. D., Harrison township, Logan county, Ohio. Elevator for shredding-machines.	828,607	Aug. 14	1835	386	123	2156
Kaylor, William L., Allegheny, Pa. Bearing.	829,218	Aug. 21	3096	651	123	2507
Kayser, Albert, Oakland, Cal. Desk appurtenance.	812,501	Feb. 13	1974	433	120	1968
Kaysser, August, Höchst-on-the-Main, Germany. Machine for cutting stoppers.	818,765	Apr. 24	4450	953	121	2494
Kazubek, Adalbert, Berlin, Germany. Roller-skate for narrow tracks.	828,409	Aug. 14	1442	304	123	2054
Kean, Thomas F., Boston, Mass. Tap.	839,296	Dec. 25	3998	858	125	2473
Keane, Edward, New York, N. Y. Dividers.	828,608	Aug. 14	1836	387	123	2156
Kearney, Edward J., Wauwatosa, and T. Trecker, West Allis, assignors to Kearney and Trecker Company, Milwaukee, Wis. Means for lubricating machine-tools.	834,063	Oct. 23	4327	920	124	2396
Kearney, James A., Imogene, Iowa. Tongue-regulator.	825,602	July 10	1889	399	123	503
Kearney, Robert L., Greenville, N. C. Plow.	815,092	Mar. 13	2181	460	121	530
Kearney and Trecker Company. (See Kearney and Trecker, assignors.)						
Keathley, John N., Elmore, Ind. Ter. Cotton-chopper.	829,529	Aug. 28	3772	800	123	2719
Keating, Edward W., Terre Haute, Ind. Trolley-wheel fork.	829,109	Aug. 21	2854	598	123	2447
Keating, Robert M., assignor to R. M. Keating Motor Company, Middletown, Conn. Spark and valve controlling device for explosion-engines.	822,525	June 5	579	116-17	122	1853
Keator, Charles E., Brooklyn, assignor of one-half to Dunlap and Company, New York, N. Y. Hat-guard.	815,714	Mar. 20	3486	729	121	868
Keats, John, deceased; J. C. Keats, Northampton, administrator, assignor to Phoenix Boot Machinery Company Limited, Street, England. Lasting and sewing machine for boots and shoes.	818,766	Apr. 24	4451	954-5	121	2495
Keats, John C., administrator. (See Keats, John.)						
Keays, Reginald H., New York, N. Y. Cable-grip.	824,724	July 3	53	10	123	17
Keck, Christian, Crescent Springs, Ky., assignor to Globe-Wernicke Company, Cincinnati, Ohio. Temporary binder.	820,049	May 8	2094	457	122	530
Keck, Christian, Crescent Springs, Ky., assignor to Globe-Wernicke Company, Cincinnati, Ohio. Swinging desk-shelf.	820,050	May 8	2096	457-8	122	530
Kee, Charlie L., Portsmouth, Va. Railway-switch mechanism.	831,229	Sept. 18	2669	561	124	724
Kee, Henry C., assignor of one-half to P. E. Hannum, Carthage, Mo. Sectional mattress.	814,654	Mar. 6	1304	274	121	282
Keable, Edward G. (See Bird, Jacob W., assignor.)						
Keech, Alvin W., Hilo, Hawaii. Loading and unloading device.	809,618	Jan. 9	2045	425	120	481
Keefe, Eugene E., Bellows Falls, Vt. Track-sander and brake-shoe.	819,762	May 8	1447	309-10	122	384
Keefe, Eugene E., Bellows Falls, Vt. Lubricator.	824,873	July 3	385	74	123	105
Keefe, William W., et al. (See Pates, James S., assignor.)						
Keefe, William W., assignor to Cook Handling Machinery Company, Pittsburg, Pa. Car handling and dumping apparatus. (Reissue)	12,550	Oct. 30	5982	1271-2	124	2859
Keefe, William W., assignor to W. W. Keefe, Pittsburg, J. S. Pates, Monongahela, and S. A. Scott, Duquesne, Pa. Car handling and dumping apparatus.	827,373	July 31	5479	1139	123	1445
Keefe, William W., Pittsburg, and C. E. Ward, Banksville, Pa. Mine-car.	822,671	June 5	885	181	122	1924
Keegan, John W., Santa Rosa, Cal. Sewage disposal.	836,323	Nov. 20	2831	601	125	801
Keegan, John W., Santa Rosa, Cal. Sewage-disposal apparatus.	836,386	Nov. 20	2952	625	125	828
Keel, Charles E., Indianapolis, Ind. Stenographic type-writing machine.	810,209	Jan. 16	3229	668-9	120	788
Keel, Charles E., Indianapolis, Ind. Ellipse-compasses.	817,645	Apr. 10	2167	460	121	1888
Keeler, Gurdon E., and S. W. Genson, Haskins, Ohio. Derrick for pumping oil-wells.	828,122	Aug. 7	867	178	123	1885
Keeler, Herbert E., New York, N. Y. Car-rack.	815,352	Mar. 20	2756	574	121	707
Keeler, Herbert E., New York, N. Y. Sash-adjuster.	816,916	Apr. 3	732	151	121	1521
Keeler, Herbert E., New York, N. Y. Spring-adjusting device.	832,064	Oct. 2	70	16	124	1229
Keeler, Herbert E., New York, N. Y., assignor to Curtain Supply Company, Chicago, Ill. Curtain-fixture.	833,837	Oct. 23	3710	791	124	2247
Keeler, Herbert E., New York, N. Y., assignor to Curtain Supply Company, Chicago, Ill. Curtain-fixture.	833,838	Oct. 23	3713	791	124	2247
Keeler, Miner S., Grand Rapids, Mich. Spring-latch.	824,027	June 19	3583	764	122	2615
Keen, Camden W., Lodi, Cal. Combined rotary harrow and weed-cutter.	835,537	Nov. 13	1318	282	125	376
Keen, Eliot. (See Ayers and Keen.)						
Keen, Eliot, and R. F. Ayers, New York, N. Y. Amusement device.	811,775	Feb. 6	449	97	120	1584
Keen, William N., assignor of one-half to P. H. Hansbrough, Abita Springs, La. Nut-lock.	823,876	June 19	3288	698	122	2553
Keenan, Hugh J. (See Tracy and Keenan.)						
Keenan, Hugh J., and E. J. Tobin, assignors of one-third to S. H. Carroll, Jackson, Mich. Reinforced concrete sectional conduit.	825,392	July 10	1419	296	123	387
Keenan, Peter S., Kemmerer, Wyo. Miner's lamp.	839,002	Dec. 18	3374	728	125	2273
Keenan, William, assignor of one-third to B. C. Gilligan, Toledo, Ohio. Glass-mold.	828,483	Aug. 14	1602	338	123	2095
Keenan, William, assignor of one-half to B. C. Gilligan, Toledo, Ohio. Making air-hole glassware.	828,485	Aug. 14	1607	339	123	2097
Keenan, William, and B. C. Gilligan, Toledo, Ohio. Paste glass-mold.	828,484	Aug. 14	1603	338-9	123	2096
Keene, Archibald T., Peoria, Ill. Kettle.	813,599	Feb. 27	4750	1049	120	2666
Keene, Arthur R., assignor of one-half to J. L. Hopkins, Havre de Grace, Md. Nut-lock.	836,507	Nov. 20	3185	674	125	886
Keene, George A., Lynn, Mass. Sink-cleaner.	816,665	Apr. 3	246	58	121	1414
Keene, George C., Cincinnati, Ohio. Cornice-brake.	816,917	Apr. 3	735	151	121	1521
Keene, Louis A., Waterman, Ill. Manure-spreader.	819,659	May 1	1221	267	122	274
Keener, Esli M., Hicksville, Ohio. Fence-post.	838,420	Dec. 11	2294	496	125	1967
Keener, Joseph L., et al. (See Raspillaire, August, assignor.)						
Keeney, Alanson M. (See Griffin, Benjamin, assignor.)						
Keeney, Alanson M., Ann Arbor, Mich. Wire-lock.	812,928	Feb. 20	2812	619	120	2189
Keeney, Charles H., Hartford, Conn. Tobacco-curing apparatus.	815,093	Mar. 13	2183	461	121	530
Keeney, Charles H., Milwaukee, Wis., assignor, by mesne assignments, to E. Brand. Electric controller. (Reissue)	12,538	Oct. 9	2254	474	124	1800
Keeney, Charles R., et al. (See Hinckley, Henry D., assignor.)						
Keeney, Parke J., et al. (See Ruhs and Weiss, assignors.)						
Keepfer, Thomas, Philadelphia, Pa. Combined hack and wood saw.	829,158	Aug. 21	2977	623	123	2478
Keepfer, Thomas, Philadelphia, Pa. Adjustable handhold for saws.	834,622	Oct. 30	5471	1161	124	2731
Keeran, Ernest L., and C. H. Lewis, Kansas City, Mo. Envelop-marker.	832,260	Oct. 2	494	93	124	1332
Keers, John. (See Heely and Keers.)						
Keesey, Eugene, Lothrop, Mont. Mitt.	832,324	Oct. 2	618	118	124	1361
Kefauver, Joseph H., Middletown, Md. Dough-raiser.	823,537	June 19	2661	560-1	122	2414

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Keferstein, Hans O., Barberton, Ohio. Superheater.....	837,844	Dec. 4	1119	249-50	125	1632
Keffler, Joseph, Malvern, Ohio. Screen.....	821,502	May 22	5056	1077	122	1302
Kegerreis, Michael, Lebanon, Pa. Bee-feeder.....	821,246	May 22	4526	963	122	1186
Kegrize, Frank M., Philadelphia, Pa. Fountain-pen.....	810,284	Jan. 16	3392	702	120	824
Kehl, F. A. (See Seaton, Benjamin C., assignor.)						
Kehl, William D., Reading, Pa. Safety-gate mechanism for elevators.....	827,374	July 31	5483	1140	123	1447
Kehoe, Pannell B., Flemingsburg, Ky. Electrical piano-player.....	809,305	Jan. 9	1393	283-4	120	342
Kehoe, Thomas J., Fort Wayne, Ind. Oil-feeding device.....	811,640	Feb. 6	211	45	120	1531
Kehoe, Thomas J., Fort Wayne, Ind. Friction-clutch.....	819,890	May 8	1708	366	122	446
Kehr, Emil M., Watertown, Wis. Elevated carrier.....	839,391	Dec. 25	4177	894	125	2518
Kehr, Ernest. (See Goldmann, Carl, assignor.)						
Kehrer, Albert W. (See Fiers, William T., assignor.)						
Keiff, Frederick A., Saginaw, Mich. Cuspidor.....	818,096	Apr. 17	3076	663	121	2143
Keighley, C. P., <i>et al.</i> (See Keighley, William B., assignor.)						
Keighley, Charles, <i>et al.</i> (See Keighley, William B., assignor.)						
Keighley, Smith, Pittsburg, Pa. Fireproof metal window frame and sash.....	818,969	Apr. 24	4835	1039	121	2577
Keighley, William B., Vineland, N. J. Apparatus for the manufacture of sheet-glass.....	820,205	May 8	2402	522	122	597
Keighley, William B., assignor to C. W. B., and C. P. Keighley, Vineland, N. J. Shoe-beading machine.....	830,901	Sept. 11	2023	426	124	540
Keightley, Annie C., Kensington, and L. Cockerell, West Kensington, England. Bedstead.....	825,467	July 10	1595	332	123	434
Keil, Gustav, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Making dialkylmalonyl ureas.....	822,672	June 5	887		122	1925
Keil, Henry F., Bronxville, N. Y. Casing for wheels, &c., and track therefor.....	809,695	Jan. 9	2200	456	120	516
Keil, Henry F., Bronxville, N. Y. Casing for wheels, &c., and track therefor.....	809,696	Jan. 9	2201	456	120	516
Keil, Henry F., Bronxville, N. Y. Track or way.....	809,697	Jan. 9	2202	456	120	516
Keil, Henry F., Bronxville, N. Y. Air goods.....	811,406	Jan. 30	5655	1185	120	1357
Keil, Henry F., Bronxville, N. Y. Fabric for air goods.....	811,407	Jan. 30	5657	1185-6	120	1358
Keil, Henry F., Bronxville, N. Y. Bracket.....	813,501	Feb. 27	3968	870-1	120	2497
Keil, Henry F., Bronxville, N. Y. Door-catch.....	832,020	Sept. 25	4275	894	124	1173
Keim, Frank L., assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Movable-point railway-crossing.....	812,794	Feb. 13	2546	560	120	2084
Keim, John R. (See Smith, William H., assignor.)						
Keiner, Henry A. (See Wallace and Keiner.)						
Keiner, Henry A., New York, N. Y. Can.....	828,744	Aug. 14	2110	446	123	2225
Keiner, Henry A., New York, N. Y. Metallic barrel.....	837,476	Dec. 4	398	91	125	1455
Keiser, Francis R., assignor of two-thirds to W. J. Thisselle and E. H. Ehrensperger, Indianapolis, Ind. Extensible dome form for cement cisterns.....	824,548	June 26	4609	978	122	2892
Keith, Alexander, Toronto, Canada. Mixing acetylene gas and air for heating purposes.....	823,538	June 19	2662	561	122	2414
Keith, Alexander E., assignor to Automatic Electric Company, Chicago, Ill. Shaft-bearing.....	831,874	Sept. 25	3985	832	124	1099
Keith, Alexander E., assignor to Automatic Electric Company, Chicago, Ill. Interrupter for automatic telephone or other switches.....	831,875	Sept. 25	3987	832-3	124	1099
Keith, Alexander E., assignor to Automatic Electric Company, Chicago, Ill. Switching or telephone system.....	831,876	Sept. 25	4003	833-4	124	1106
Keith, Alexander E., J. and C. J. Erickson, assignors to Automatic Electric Company, Chicago, Ill. Automatic telephone connector-switch.....	815,176	Mar. 13	2357	498-5	121	570
Keith, Alexander E., J. and C. J. Erickson, assignors to Automatic Electric Company, Chicago, Ill. Automatic telephone selector-switch.....	815,321	Mar. 13	2665	556-8	121	639
Keith, Daniel W., Keithville, La. Window-screen.....	812,850	Feb. 20	2657	582	120	2153
Keith, Frank C. (See Spanogle, Harry H., assignor.)						
Keith, Frederick R., Randolph, assignor of one-half to T. J. Reardon, Boston, and D. H. Lannan, Lowell, Mass. Vehicle tire and rim.....	836,929	Nov. 27	4083	871	125	1140
Keith, G. H., <i>et al.</i> (See Terrell, George W., assignor.)						
Keith, Herbert D., Council Grove, Kans. Folding stair.....	819,553	May 1	1017	222	122	229
Keith, Simeon C., Jr., Somerville, Mass. Apparatus for straightening milk-cans.....	830,596	Sept. 11	1419	294-5	124	379
Keith, William M., assignor to J. W. Beazley, Shawnee, Okla. Ter. Refrigerator.....	821,503	May 22	5058	1077	122	1303
Keithler, Harry C., Glen Olden, Pa. Non-refillable bottle.....	835,583	Nov. 20	3329	710	125	919
Kelch, John C. F., Celina, Ohio. Land-roller.....	818,097	Apr. 17	3077	664	121	2144
Kelchner, William H., New York, N. Y. Folding crate.....	816,801	Apr. 3	485	108	121	1464
Kellemen, Ludwig. (See Penker, Henry C., assignor.)						
Kell, Byron V., <i>et al.</i> (See Fowler, Edward, assignor.)						
Kellam, Levi H., Sandwich, Ill. Manure-spreader.....	820,791	May 15	3560	761-2	122	912
Kellemen, Henry F., assignor to Utica Drop Forge & Tool Company, Utica, N. Y. Machine-vise.....	836,116	Nov. 20	2391	504-5	125	692
Kellemen, Henry F., A. J. Fasoldt, and E. Triebel, assignors to Utica Drop Forge & Tool Co., Utica, N. Y. Pliers.....	832,200	Oct. 2	368	68	124	1301
Kellen, Frank, assignor, by mesne assignments, to M. E. Hertz, New York, N. Y. Artificial stone.....	830,597	Sept. 11	1422	295	124	380
Keller, Alfred, assignor to G. A., L. M., and L. P. Mermod, St. Croix, Switzerland. Fluid-distributing apparatus.....	826,512	July 17	3720	771	123	977
Keller, Charles F. (See Mulvaney and Keller.)						
Keller, Frederick, Allentown, and D. Bowers, Emaus, assignors of one-third to I. F. Huebner, Allentown, Pa. Car-coupling.....	816,336	Mar. 27	4787	1014	121	1198
Keller, Frederick H., and F. E. Schueler, Milwaukee, Wis. Adjustable wagon-seat support.....	831,005	Sept. 11	2207	466	124	583
Keller, Frederick M., assignor of one-fourth to W. S. Heiges, York, Pa. Overshot water-wheel.....	833,057	Oct. 9	2077	437-8	124	1753
Keller, Gottlieb, New York, N. Y., assignor to Keller Machine Company. Tension device for warp-beams.....	818,829	Apr. 24	4579	982	121	2521
Keller, Henry, Chattanooga, Tenn. Boiler.....	834,137	Oct. 23	4504	956	124	2443
Keller, Henry, Sauk Center, Minn. Wagon-stake.....	834,138	Oct. 23	4505	956	124	2443
Keller, Henry, assignor to Automatic Dumb-Waiter Refrigerator Company, Erie, Pa. Combined dumb-waiter and refrigerator.....	834,738	Oct. 30	5684	1207	124	2786
Keller, Henry B., Philadelphia, Pa. Lacing-eyelet.....	830,902	Sept. 11	2025	426	124	540
Keller, Huldreich, Berlin, Germany, assignor to General Electric Company. Bucket for turbines.....	812,795	Feb. 13	2547	560	120	2084
Keller, Huldreich, Berlin, Germany, assignor to General Electric Company. Governing mechanism for prime movers.....	822,673	June 5	887	181-2	122	1925
Keller, J. P. (See Hartigan, Joseph, assignor.)						
Keller, John E., Jr., Litchfield, Conn. Inflation-valve.....	834,911	Nov. 6	69	14	125	20
Keller, John R., Pittsburg, Pa., assignor to E. F. Seelig, Chicago, Ill. Scale guard and marker.....	833,168	Oct. 16	2309	485	124	1860
Keller, Karl, <i>et al.</i> (See Yancey, George R., assignor.)						
Keller, Louis E., Oil City, Pa. Sheet-metal support or bracket.....	815,020	Mar. 13	2045	428	121	500
Keller Machine Company. (See Keller, Gottlieb, assignor.)						
Keller, Peter, Chicago, Ill. Gas-burner.....	815,536	Mar. 20	3129	655	121	789

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Keller, Valentin, Milwaukee, Wis. Marble-shooter.....	819,891	May 8	1709	367	122	447
Keller, William A., <i>et al.</i> (See Yancey, George R., assignor.)						
Kellerman, Charles H., Chicago, Ill., assignor to Challenge Machinery Company, Grand Haven, Mich. Printer's galley.....	838,189	Dec. 11	1840	394	125	1858
Kellerman, Frederick W., Weymouth, Mass. Sad-iron.....	815,296	Mar. 13	2592	545-6	121	624
Kellerman, William L., assignor of one-half to S. H. Hull, Oskaloosa, Iowa. Harness-pad.....	809,449	Jan. 9	1711	353	120	409
Kellett, Thomas N., Los Angeles, Cal. Gas-engine.....	835,759	Nov. 13	1733	369	125	479
Kelley, Achilles. (See King, Elijah, assignor.)						
Kelley, Augustus I. (See McGowen, William R., assignor.)						
Kelley, Donald W. (See Graves and Kelley.)						
Kelley, Edward J. (See McHorney and Kelley.)						
Kelley, Herbert F., Lewiston, Me., assignor to Draper Company, Hopedale, Mass. Thread-parting mechanism for looms.....	819,351	May 1	641	136	122	147
Kelley, James, assignor to P. A. Reid, Richmond, Ind. Wire-tensioning device.....	836,977	Nov. 27	4166	888	125	1171
Kelley, John M., assignor to Economy Gas Machine Company, Rochester, N. Y. Carbureter.....	838,719	Dec. 18	2860	616	125	2150
Kelley, Lello E. (See Seaton, Andrew, assignor.)						
Kelley, Manley, Colo, Iowa. Centrifugal cream-separator.....	815,091	Mar. 13	2184	461	121	530
Kelley, Samuel D., Boston, Mass. Lay-motion for looms.....	811,408	Jan. 30	5658	1186	120	1388
Kelley, Wilbur S., assignor of one-half to C. C. Koepfer, Newton, Iowa. Traction-engine.....	812,137	Feb. 6	1196	262-3	120	1733
Kelley, William V. D., Newark, N. J., assignor of one-half to H. S. Jones, Brooklyn, N. Y. Display-mirror.....	809,698	Jan. 9	2203	456	120	516
Kelliher, Alfred T., Salem, Oreg. Fence.....	824,874	July 3	390	74	123	107
Kellner, C. J. E., <i>et al.</i> (See Zimmerman, Gus H., assignor.)						
Kellner, Carl, Vienna, Austria-Hungary. Manufacture of threads from short fibers.....	826,859	July 24	4420	921	123	1169
Kellner, Henry F., North Platte, assignor to J. Whitney, Fremont, Nebr. Fascine.....	812,045	Feb. 6	1032	225	120	1699
Kellogg, Albert A., Clinton, Mo. Animal-trap.....	826,942	July 24	4576	952	123	1208
Kellogg, Alonzo C., Portage, Wis. Surgical implement.....	823,877	June 19	3289	698	122	2553
Kellogg, Charles S., Montclair, N. J. Garage.....	832,979	Oct. 9	1927	403	124	1715
Kellogg, Dan W. (See Fontaine, Herman A., assignor.)						
Kellogg, Fortunatus G., and A. E. Timmis, Tacoma, Wash. Lubricator.....	832,388	Oct. 2	741	144	124	1390
Kellogg, Frederick R., administrator. (See Magney and Masterman.)						
Kellogg, George W., Rochester, N. Y. Pump.....	816,476	Mar. 27	5079	1077	121	1259
Kellogg, George W., Rochester, N. Y. Carbureter.....	816,477	Mar. 27	5080	1077-8	121	1260
Kellogg, Homer G., Chicago, Ill. Coin-detector.....	837,410	Dec. 4	264	65	125	1422
Kellogg, James W., Schenectady, N. Y., assignor to General Electric Company. Controlling-switch for motor-operated doors.....	825,393	July 10	1421	297	123	387
Kellogg, John H., Battle Creek, Mich. Movement-cure apparatus.....	835,622	Nov. 13	1482	316	125	418
Kellogg, Milo G. (See Dyson, Alfred H., assignor.)						
Kellogg, Milo G. (See Webster, Harry G., assignor.)						
Kellogg, Milo G., Chicago, Ill. Multiple switchboard for telephone-exchanges.....	820,360	May 8	2698	589	122	665
Kellogg, Milo G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Multiple switchboard for telephone-exchanges.....	817,781	Apr. 17	2444	522	121	2005
Kellogg, Milo G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Multiple switchboard for telephone-exchanges.....	821,807	May 29	5674	1209	122	1496
Kellogg, Milo G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Multiple switchboard for telephone-exchanges.....	822,611	June 5	765	155	122	1897
Kellogg Switchboard & Supply Company. (See Carroll, Louis W., assignor.)						
Kellogg Switchboard & Supply Company. (See Dean, William W., assignor.)						
Kellogg Switchboard and Supply Company. (See Dommerque, Franz J., assignor.)						
Kellogg Switchboard and Supply Company. (See Kellogg, Milo G., assignor.)						
Kellogg Switchboard and Supply Company. (See Lendi, John H., assignor.)						
Kellogg Switchboard & Supply Company. (See Libby, Albion D. T., assignor.)						
Kellogg Switchboard & Supply Company. (See Loff, John A., assignor.)						
Kellogg Switchboard and Supply Company. (See Post, Howard M., assignor.)						
Kellogg Switchboard and Supply Company. (See Roberts, John G., assignor.)						
Kellogg Switchboard & Supply Company. (See Simpson, Charles A., assignor.)						
Kellogg Switchboard and Supply Company. (See Taylor, William A., assignor.)						
Kellogg Switchboard and Supply Company. (See Webster, Harry G., assignor.)						
Kellogg Switchboard & Supply Company. (See Winston, Charles S., assignor.)						
Kellogg, William M., Pittsfield, Mass., assignor to Yankee Novelty Company. Broom-holder.....	813,712	Feb. 27	4375	965	120	2585
Kellogg, William M., Pittsfield, Mass., assignor to Yankee Novelty Company. Knife-sharpener.....	823,279	June 12	2143	447	122	2244
Kellond, Robert A., assignor to Inter-West Peat Fuel Company, Winnipeg, Manitoba, Canada. Manufactured peat fuel.....	836,324	Nov. 20	2833	447	125	802
Kellum, James O., Bingham Lake, Minn. Attachment for jewelers' benches.....	828,745	Aug. 14	2111	447	123	2225
Kelly, Alonzo, assignor of three-fourths to F. R. Scott, W. H. Joyce, and J. C. Smith, Harrisburg, Pa. Car-coupling.....	813,650	Feb. 27	4258	935	120	2560
Kelly, Burt O., Petroleum, assignor of one-half to W. R. Allyn, Poneto, Ind. Lubricator.....	823,729	June 19	3010	638	122	2490
Kelly, Charles L., Grant, Ky. Washing-machine.....	812,138	Feb. 6	1199	263-4	120	1734
Kelly, Charles T., assignor to D. M. Smallmon and T. L. Cates, Harriman, Tenn. Meat-sacking machine.....	822,956	June 12	1443	300	122	2089
Kelly, David J., Salt Lake City, Utah. Apparatus for separating or filtering slimes.....	815,021	Mar. 13	2046	429	121	500
Kelly, David J., Salt Lake City, Utah. Sand and slime separator.....	815,095	Mar. 13	2186	461	121	531
Kelly, Dennis F., Chicago, Ill. Rail-joint.....	833,221	Oct. 16	2433	510	124	1891
Kelly, Fred J., assignor to E. Bement's Sons, Lansing, Mich. Lifting device for gang and sulky plows.....	812,273	Feb. 13	1551	338-9	120	1879
Kelly, George, Hinsdale, Ill. Composite insulating material.....	811,227	Jan. 30	5324	.....	120	1316
Kelly, George, Hinsdale, Ill. Cementitious binder or liquid glue.....	830,329	Sept. 4	860	.....	124	214
Kelly, George, Hinsdale, Ill. Insulating means and manufacturing the same.....	830,441	Sept. 4	1096	.....	124	271
Kelly, George, Hinsdale, Ill. Insulating material and manufacturing same.....	835,685	Nov. 13	1594	.....	125	445
Kelly, George, Mineral Point, Wis. Chair-seat.....	830,328	Sept. 4	859	177	124	214
Kelly, George B., Boston, Mass., assignor to Aeolian Company, New York, N. Y. Music-roll.....	822,280	June 5	108	22	122	1752
Kelly, George B., Boston, Mass., assignor to Aeolian Company, New York, N. Y. Music-roll.....	832,065	Oct. 2	71	16	124	1229
Kelly, George E., Dorranceton, assignor of one-half to J. M. Arnold, Wilkesbarre, Pa. Coupling apparatus for cars.....	811,068	Jan. 30	4987	1041	120	1244
Kelly, James F., Galena, Ill. Rail-brace.....	825,325	July 10	1274	269	123	349
Kelly, James J., Albany, N. Y. Machine for dressing and finishing surfaces of floors.....	810,770	Jan. 23	4393	911	120	1082
Kelly, James W., Chicago, Ill. Pipe-fitting.....	814,295	Mar. 6	577	121	121	124
Kelly, John A. (See Nevergold, George H., assignor.)						
Kelly, John F., assignor to Thomas Maddock's Sons Company, Trenton, N. J. Water-closet bowl.....	820,051	May 8	2097	458	122	531
Kelly, John P., Worcester, Mass. Water-meter.....	839,392	Dec. 25	4179	894-5	125	2519

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Kelly, John P., Watertown, N. Y., assignor to New York Air Brake Company. Air-brake.	823,048	June 12	1634	338	122	2134
Kelly, John T., Pioneer, Iowa. Gate.	835,760	Nov. 13	1734	369	125	479
Kelly, Joseph M. (See Greenland, Robert C., assignor.)						
Kelly, Joseph N., assignor of one-half to G. H. Geiger, Dayton, Ohio. Electric igniter.	834,912	Nov. 6	72	14	125	21
Kelly, Orlando G., Jackson, Mich. Rack for frying fried cakes.	820,792	May 15	3569	762	122	915
Kelly, Patrick, De Peyster, N. Y. Kettle-drainer.	833,606	Oct. 16	3239	688	124	2088
Kelly & Taneysville Company. (See Parsons, Lovane S., assignor.)						
Kelly, Thomas P., <i>et al.</i> (See Bellamy, Albert, assignor.)						
Kelly, Vanrenselaeer W., Toledo, Ohio. Pruning-shears.	835,791	Nov. 13	1794	380	125	497
Kelly, William A., <i>et al.</i> (See Anderson, Swan, assignor.)						
Kelly, William A., Dunmore, W. Va. Rail-joint.	835,070	Nov. 6	400	82	125	105
Kelly, William H. (See Hoagland, Ellery M., assignor.)						
Kelly, William H. (See Luckenbach, Harry, assignor.)						
Kelly, William H., Cheyenne, Wyo. Game apparatus.	823,049	June 12	1638	338	122	2134
Kelly, William H., assignor to International Sand Blast Company, San Francisco, Cal. Sand-blast nozzle.	839,483	Dec. 25	4372	935	125	2564
Kelly, William J., assignor to J. A. Kelly & Bros., Clinton, Iowa. Locking-hinge construction.	828,123	Aug. 7	869	178-9	123	1885
Kelly, William J., assignor to J. A. Kelly & Bros., Clinton, Iowa. Locking-hinge construction.	828,124	Aug. 7	870	179	123	1885
Kelly, William J., assignor to J. A. Kelly & Bros., Clinton, Iowa. Sofa-bed.	828,215	Aug. 7	1030	216-17	123	1923
Kelsey, Charles A., Pittsfield, Mass., assignor to Stanley G. I. Electric Manufacturing Company. Inductor-alternator.	831,442	Sept. 18	3090	654-5	124	832
Kelsey, Eugene W., Collierville, Tenn. Hay-press.	823,132	July 3	879	185-6	123	232
Kelsey Heating Company. (See Bradley, Royal H., assignor.)						
Kelso, William, Pittsburg, Pa. Car-coupling.	816,165	Mar. 27	4434	938-9	121	1123
Kelso, William, Pittsburg, Pa. Car-coupling.	832,980	Oct. 9	1929	403	124	1715
Kelso, William A., Philipsburg, assignor of two-thirds to F. A. Hilburn and A. Richards, Easton, Pa. Rotary engine.	838,029	Dec. 11	1491	321-2	125	1768
Keltie, Howard T., Joliet, Ill. Chimney.	835,792	Nov. 13	1796	381	125	498
Keltner, George R., Covington, Okla. Ter. Wheat-shocker.	819,554	May 1	1017	223	122	229
Kelton, John M. (See Wright, James E., assignor.)						
Kelvin & James White. (See Ferguson, James, assignor.)						
Kemler, William J., Pittsburg, Pa. Frame for magnifying-glasses.	839,599	Dec. 25	4598	981	125	2620
Kemmerer, George D., Wilkes-Barre, and W. B. Armstrong, Plymouth, Pa. Ticket-holder.	823,050	June 12	1639	339	122	2134
Kemmerer, Ira D., Nora, Nebr. Digging holes.	814,849	Mar. 13	1706	356	121	431
Kemmerer, Ira D., Lincoln, Nebr. Tool for digging holes.	814,850	Mar. 13	1707	357	121	431
Kemmerich, Max, Aix-la-Chapelle, Germany. Bearing with weight-controlled lubricant.	817,118	Apr. 3	1122	232	121	1610
Kemp, Arthur A. and W. B., Guyton, Okla. Ter. Wire-stretcher.	820,578	May 15	3159	680	122	825
Kemp, Horatio S., Milwaukee, Wis. Box-loop forming and embossing machine.	830,077	Sept. 4	330	66-7	124	81
Kemp Hydro-Carbon Furnace Company. (See Kemp, William, assignor.)						
Kemp, Jabez P., Baltimore, Md. Carbureter.	826,787	July 24	4276	890	123	1135
Kemp, Joseph S., Newark Valley, N. Y. Fertilizer-distributor.	818,098	Apr. 17	3078	664-5	121	2144
Kemp, William, Tucson, Ariz. Ter., assignor to Kemp Hydro-Carbon Furnace Company.	818,256	Apr. 17	3417	733	121	2216
Kemp, William, Tucson, Ariz. Ter., assignor to Kemp Hydro-Carbon Furnace Company. Hydrocarbon-burner.	821,419	May 22	4903	1042	122	1269
Kemp, William, Tucson, Ariz. Ter., assignor to Kemp Hydro-Carbon Furnace Company. Smelting copper matte.	832,738	Oct. 9	1445	292	124	1601
Kemp, William, assignor of one-half to M. P. Freeman, Tucson, Ariz. Ter. Blast-furnace.	824,485	June 26	4478	949	122	2864
Kemp, William B. (See Kemp, Arthur A. and W. B.)						
Kemper, Arthur. (See Kemper, Robert E. and A.)						
Kemper, August. (See Damhorst, Kemper, and Utke.)						
Kemper, Ernest G., St. Louis, Mo. Making imitation-stone fronts.	828,031	Aug. 7	687	142	123	1841
Kemper, Otto, assignor of three-fourths to J. T. Tracy, H. W. Dieterick, and F. Ikeler, Bloomsburg, Pa. Garment-clasp.	810,948	Jan. 30	4778	994	120	1198
Kemper, Robert E. and A., Rensselaer, N. Y. Platen printing-press.	819,069	May 1	63	14-17	122	18
Kemper, Robert E. and A., Rensselaer, N. Y. Automatic feeding device for sheets, cards, and envelopes.	821,601	May 22	5238	1117-18	122	1341
Kemper-Thomas Company. (See Henderson, Edwin L., assignor.)						
Kempf, John, Jr., Salt Lake City, Utah. Fence.	812,274	Feb. 13	1553	339	120	1880
Kempf, John, Jr., Salt Lake City, Utah. Fence-post.	836,043	Nov. 13	2226	477	125	599
Kempf, Valentin, Hoboken, N. J. Wringer-holder and washtub-protector.	818,894	Apr. 24	4690	1006	121	2545
Kempton, Henry N., Terry, Mont. Hame.	812,139	Feb. 6	1201	264	120	1734
Kendall, George H., New York, N. Y. Numbering mechanism for printing-presses.	811,508	Jan. 30	5830	1220-1	120	1422
Kendall, George H., New York, N. Y. Plate-printing machine.	823,878	June 19	3290	698-9	122	2553
Kendall, William M., Manchester, N. H. Tobacco-pipe cleaner.	819,555	May 1	1021	223	122	230
Kendig, H. O. B. (See Shock, Abraham H., assignor.)						
Kendig, H. O. B. (See Shock and Kendig, assignors.)						
Kendig, William L. (See Shock and Kendig.)						
Kendrick and Davis. (See Loud, William N., assignor.)						
Kendrick, Dyer T., Boston, Mass., assignor to Livermore & Knight Company. Calendar.	825,394	July 10	1424	297	123	388
Kendrick, Dyer T., Boston, Mass., assignor to Livermore & Knight Company, Providence, R. I. Fan.	835,761	Nov. 13	1735	370	125	480
Kendrick, Thomas, Caversham, New Zealand. Spring hand-truck.	820,001	May 8	1993	437	122	506
Kenehan, John. (See Boaz and Kenehan.)						
Kenerson, Joseph E., Lynn, Mass. Broom-holder.	819,070	May 1	71	17	122	19
Kenly, William K. (See Redding, Oliver C., assignor.)						
Kenna, Michael P., Dubuque, Iowa. Envelop printing and addressing machine.	809,957	Jan. 16	2699	556	120	677
Kenna, Michael P., Dubuque, Iowa. Envelop-printing machine.	819,763	May 8	1450	310	122	384
Kennebrew, John H., Columbus, Miss. Spring-wheel.	836,811	Nov. 27	3829	816	125	1081
Kennedy, Ben. (See Jones, Albert O., assignor.)						
Kennedy, Charles H., and J. W. Lawrence, Dahlgren, Ill. Pipe-joint.	839,297	Dec. 25	4000	859	125	2474
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	810,153	Jan. 16	3109	642	120	764
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	817,646	Apr. 10	2169	461	121	1888
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	824,659	June 26	4818	1027-8	122	2938
Kennedy, David S., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	828,553	Aug. 14	1744	367	123	2131
Kennedy, Donald A., Ashland, Wis. Band-saw machine.	836,117	Nov. 20	2393	505-6	125	692
Kennedy, Frederick W., Shelbyville, Ind. Lining for traction-vehicles.	818,257	Apr. 17	3419	733	121	2217

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kennedy, James A., Kansas City, Kans. Car-axle lubricator.	829,159	Aug. 21	2978	623	123	2478
Kennedy, John W., Cecil, Ga. Turpentine-gutter.	811,069	Jan. 30	4992	1041	120	1245
Kennedy, John W., Rochester, N. Y. Folding wardrobe-rack.	822,133	May 29	6283	1338	122	1634
Kennedy, Joseph P., assignor of one-half to W. Renshaw, Chicago, Ill. Valve.	826,667	July 24	4056	840	123	1079
Kennedy, Julian, Pittsburg, Pa. Blowing-engine valve.	811,228	Jan. 30	5325	1112	120	1316
Kennedy, Julian, Pittsburg, Pa. Door for hot-blast stoves and furnaces.	817,070	Apr. 3	1032	213-14	121	1587
Kennedy, Julian, Pittsburg, Pa. Valve.	821,943	May 29	5929	1261-2	122	1552
Kennedy, Julian, Pittsburg, Pa. Universal mill.	825,657	July 10	2046	426-8	123	546
Kennedy, Julian, Pittsburg, Pa. Rolling-mill.	836,192	Nov. 20	2566	540-1	125	733
Kennedy, Louis H., assignor of one-half to E. Helton, Union, S. C. Water-elevator.	836,534	Nov. 20	3330	710	125	919
Kennedy, Luther L., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	839,484	Dec. 25	4374	935	125	2565
Kennedy, Michael, assignor to Lees Finding Company, Providence, R. I. Stick-pin.	836,262	Nov. 20	2716	578	125	772
Kennedy, Murray. (See Hall, William C. J., assignor.)						
Kennedy, Patrick, New York, N. Y. Retarding device for electromagnets.	821,504	May 22	5059	1078	122	1303
Kennedy, Patrick, New York, N. Y. Electric signaling device.	824,988	July 3	625	126	123	164
Kennedy, Patrick, New York, N. Y. Signaling device.	824,989	July 3	629	126	123	165
Kennedy, Patrick, New York, N. Y. Electric signaling device.	824,990	July 3	630	126	123	165
Kennedy, Patrick, New York, N. Y. Electric signaling apparatus.	824,991	July 3	632	127	123	166
Kennedy, Patrick, New York, N. Y. Electric signaling device.	827,154	Jan. 31	5053	1053	123	1341
Kennedy, Peter, McBain, Mich. Stock-tank.	809,958	Jan. 16	2703	557	120	678
Kennedy, Samuel V., and C. S. Sharp, Auburn, N. Y., assignors, by mesne assignments, to International Harvester Company. Scraper for disk harrows.	827,375	July 31	5484	1140	123	1447
Kennedy, Thomas F., Janesville, Wis. Rubber-dam adjuster.	835,358	Nov. 6	968	206	125	245
Kennedy, Thomas W., <i>et al.</i> (See Thompson, John M., assignor.)						
Kennedy, Walter, Bellevue, Pa. Blast-furnace-charging apparatus.	827,155	July 31	5056	1053	123	1341
Kennedy, Walter, Bellevue, Pa. Blast-furnace-charging apparatus.	827,156	July 31	5057	1054	123	1342
Kennedy, Walter, Pittsburg, Pa. Coking apparatus.	831,163	Sept. 18	2548	537-8	124	695
Kennedy, William H., Portland, Oreg. Cattle or stock guard.	813,713	Feb. 27	4376	965-6	120	2586
Kennedy, William R., Washington, D. C. Cap for fountain-pens.	832,981	Oct. 9	1931	404	124	1716
Kennelly, Michael J., and W. J. Donch, Philadelphia, Pa. Garment-supporter.	825,395	July 10	1425	298	123	388
Kenner, William E., Brunswick, Ga. Turpentine-box.	831,443	Sept. 18	3091	655	124	832
Kenney, Charles, and R. H. Leather, Philadelphia, Pa. Telephone system.	834,208	Oct. 23	4635	984	124	2475
Kenney, David T., assignor to Vacuum Cleaner Company, North Plainfield, N. J. Apparatus for removing dust.	826,513	Jan. 17	3722	771	123	977
Kennicott, Cass L., assignor to Kennicott Water-Softener Company, Chicago, Ill. Water-purifying apparatus.	811,229	Jan. 30	5326	1113	120	1316
Kennicott, Cass L., assignor to Kennicott Water Softener Company, Chicago, Ill. Water-purifying apparatus.	830,790	Sept. 11	1822	379	124	459
Kennicott Water-Softener Company. (See Kennicott, Cass L., assignor.)						
Kennington, Richard N., Altoona, Pa. Relief-valve.	818,694	Apr. 24	4295	921	121	2460
Kenny, James A., and C. H. Thordarson, Chicago, Ill. Electrical recording apparatus.	824,364	June 26	4207	898-900	122	2807
Kenny, John, Amherst, Canada. Railway-tie.	817,119	Apr. 3	1124	233	121	1610
Kenrich, Jay. (See Blake and Kenrich.)						
Kent, Aaron, Allegheny, Pa. Window.	838,863	Dec. 18	3135	675	125	2217
Kent, Archibald, New York, assignor to J. W. Kent, Brooklyn, N. Y. Body-forming machine.	811,566	Feb. 6	61	13	120	1498
Kent, Archibald, and R. Orr, New York, N. Y.; said Kent assignor to said Orr. Wire bending and twisting machine.	811,565	Feb. 6	55	12	120	1496
Kent, Arthur A., Philadelphia, Pa. Governor.	838,256	Dec. 11	1990	427	125	1892
Kent, Dana S., Peoria, Ill. Means for operating force-feed lubricators.	837,624	Dec. 4	689	159	125	1525
Kent, Darwin L., Leslie, Mich. Gardening-tool.	824,123	June 26	3742	799	122	2708
Kent, George M., and C. L. Smith, New York, N. Y. Signature-gatherer.	811,509	Jan. 30	5832	1221-2	120	1422
Kent, Henry B., (See Murray, Frederick W., assignor.)						
Kent, Horace L., Brooklyn, N. Y. Screening apparatus.	817,975	Apr. 17	2848	617	121	2096
Kent, James W., (See Kent, Archibald assignor.)						
Kent, Mary A., (See Kent, William H., assignor.)						
Kent, Perry E., Utica, N. Y. Gun-barrel for pistols, rifles, and ordnance.	812,140	Feb. 6	1202	264	120	1734
Kent, Perry E., Utica, N. Y. Dividers.	836,812	Nov. 27	3830	816	125	1081
Kent, Perry E., Utica, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	821,296	May 22	4630	987	122	1208
Kent, William E., Harlan, Iowa. Draft-equalizer.	813,973	Feb. 27	4886	1080	120	2693
Kent, William H., assignor, by mesne assignments, to M. A. Kent, New York, N. Y. Cotton-gin.	828,668	Aug. 14	1951	411	123	2184
Kentish, Thomas M., <i>et al.</i> (See Ferri, Vittorio A. de, assignor.)						
Kenton, Leonidas M., Ada, Ohio. Buckle.	821,170	May 22	4388	933-4	122	1155
Kentucky Gear and Machine Company. (See Binder, Gottlieb, assignor.)						
Kenworthy, C. H., (See Brown, Luther P., assignor.)						
Kenworthy, Charles A., New York, N. Y. Duplicating-roll.	831,614	Sept. 25	3445	723	124	959
Kenyon, Arthur E., Barre, Mass. Calculating-machine.	824,795	July 3	217	40	123	61
Kenyon, Bertram C., Mishawaka, Ind. Game device.	830,078	Sept. 4	333	67-9	124	81
Keogh, Mark J., <i>et al.</i> (See Chadbourn, Frederic C., assignor.)						
Keogh, Michael H., <i>et al.</i> (See Chadbourn, Frederic C., assignor.)						
Keough, Michael J., St. Louis, Mo. Retort.	832,131	Oct. 2	218	44	124	1266
Kepler, Emanuel O., Denver, Colo. Developing-cabinet for photographic purposes.	810,418	Jan. 23	3714	766	120	929
Kepper, Elmer E., Springfield, Oreg. Pen.	818,258	Apr. 17	3420	733	121	2217
Keppelmann, Erich P., McKeesport, Pa. Sprocket-wheel.	836,044	Nov. 13	2227	477	125	599
Ker, Walter A., (See Gregory, Henry R., assignor.)						
Kercher, John, Chicago, Ill. Portable horizontal bar.	829,653	Aug. 28	4018	851	123	2781
Kerkovius, Leo. (See Kirchhoff and Kerkovius.)						
Kern, Albert G., Battle Creek, Mich. Steam gang-plow.	837,074	Nov. 27	4376	927-8	125	1213
Kern, Albert G., assignor to Nichols and Shepard Co., Battlecreek, Mich. Traction-engine.	811,641	Feb. 6	213	45	120	1531
Kern, Bernard, Jr., Toledo, Ohio. Clinometer.	809,699	Jan. 9	2205	457	120	517
Kern, Bernard, Jr., Toledo, Ohio. Dust-collector.	810,771	Jan. 23	4395	912	120	1082
Kern, Heinrich, Aarau, Switzerland. Compasses.	814,453	Mar. 6	918	188	121	199
Kernaghan, William. (See Turner, Kernaghan, and Swinehart.)						
Kerngood, Herman, Baltimore, Md., assignor to Alma Button Company of Baltimore City. Detachable button for gloves, &c.	822,957	June 12	1444	301	122	2090
Kerngood, Herman, assignor to Alma Manufacturing Company of Baltimore City, Baltimore, Md. Snap-fastener stud.	832,579	Oct. 2	1111	224	124	1481
Kerngood, Herman, Baltimore, Md., and H. A. Taylor, New York, N. Y. Wheel-tire for automobiles.	812,427	Feb. 13	1838	404	120	1940
Kernin, Gustav, Crandon, Wis. Tongs.	812,929	Feb. 20	2813	619	120	2189
Kernin, Gustav, assignor of one-half to H. F. Landeck, Crandon Wis. Chain-hook.	825,468	July 10	1596	332	123	434
Kernochan, William, Brooklyn, N. Y. Carpet-fastener.	820,502	May 15	3009	647	122	791

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kerns, William E., Fox Chase, assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Apparatus for raising asphalt pavement.	819,142	May 1	207	43	122	52
Kerosene Power Company. (See Miner, Robert J., assignor.)						
Kerpely, Anton v., Vienna, Austria-Hungary. Gas-generator.	826,036	July 17	2758	570-1	123	736
Kerr, Charles, Tehachapi, Cal. Excavating-machine.	825,658	July 10	2050	428	123	547
Kerr, Charles M., Idaho Falls, Idaho. Railway-spike.	816,802	Apr. 3	487	108	121	1464
Kerr, Charles V., assignor to Kerr Turbine Company, Wellsville, N. Y. Nozzle for steam-turbines.	837,934	Dec. 11	1294	284	125	1718
Kerr, Elisha R., Erin, Tenn. Cattle-guard.	824,247	June 26	4000	856	122	2763
Kerr, Frank L., Alexandria, Ind. Foot-measuring device.	838,720	Dec. 18	2863	616	125	2150
Kerr, George, Dallas, Oreg. Non-refillable bottle.	816,582	Apr. 3	47	12	121	1365
Kerr, George, Dallas, Oreg. Lamp-burner.	821,171	May 22	4389	934	122	1156
Kerr, George, Dallas, Oreg. Lamp-extinguisher.	822,457	June 5	433	88-9	122	1819
Kerr, George A. (See Craighill and Kerr.)						
Kerr, George A., et al. (See Liljeros, Carl O., assignor.)						
Kerr, George A., Lynchburg, Va. Apparatus for extracting terpenes and rosin.	832,863	Oct. 9	1719	355	124	1666
Kerr, George W., Springfield, Mass. Wind-shield for vehicles.	812,930	Feb. 20	2814	620	120	2189
Kerr, Hanford L., Kansas City, Kans. Railway-car.	818,629	Apr. 24	4167	897	121	2432
Kerr, Joseph H. (See Setzekorn, Conrad, assignor.)						
Kerr Turbine Company. (See Kerr, Charles V., assignor.)						
Kerr Turbine Company. (See Moore, James L., assignor.)						
Kerridge, Isaac C., Corpus Christi, Tex. Cot-canopy.	820,719	May 15	3416	730-1	122	879
Kerrigan, Edward R. (See Grayber and Kerrigan.)						
Kersey, Richard, Lexington, assignor of one-half to E. A. Carr, Lawrenceburg, Ky. Window-screen.	838,864	Dec. 18	3136	676	125	2218
Kersey, William H., assignor to Clark & Roberts Company, Indianapolis, Ind. Specialist's chair.	839,393	Dec. 25	4181	895	125	2519
Kershaw, William M., Washington, D. C. Shell-fuse.	812,046	Feb. 6	1033	225	120	1699
Kershner, William C. (See Paul and Kershner.)						
Kersten, Ernest R. (See Scott, Ernest, assignor.)						
Kerstetter, Charles W., Chicago, Ill. Valve for automatic fire-extinguishers.	832,580	Oct. 2	1113	224	124	1482
Kerstetter, Samuel P. (See Emerson and Kerstetter.)						
Kerstetter, William C., New Brunswick, N. J. Stove attachment.	838,421	Dec. 11	2296	496	125	1967
Kerwin, John M., T. F., Jr., and H. H. Broomall, Philadelphia, Pa. Vehicle-wheel.	835,793	Nov. 13	1796	381	125	498
Kesling, Elmer G., Onward, Ind. Rotary engine.	836,768	Nov. 27	3733	795-6	125	1054
Kespohl, William M., Duluth, Minn. Artificial limb.	812,275	Feb. 13	1554	339	120	1880
Kessee, Walter L., Reagan, Tex. Trunk-corder.	811,150	Jan. 30	5162	1079	120	1280
Kessel, Edward W. (See Coleman and Kessel.)						
Kesselman, Lewis P., et al. (See Watson, George D., assignor.)						
Kesselman, William H., et al. (See Watson, George D., assignor.)						
Kesselman, William H., Parkersburg, W. Va. Trip-casing spear.	812,569	Feb. 13	2125	466	120	2000
Kesselman, William H., Parkersburg, W. Va. Casing-bowl.	820,206	May 8	2406	522	122	598
Kesselring, Edwin. (See Guenzler, Charles T., assignor.)						
Kessler, A. (See Renz, Jacob, assignor.)						
Kessler, John. (See Phillips and Kessler.)						
Kessler, Martin C., assignor to Kessler Motor Company, Denver, Colo. Explosive-engine.	824,936	July 3	519	102-3	123	138
Kessler Motor Company. (See Kessler, Martin C., assignor.)						
Kessler, Philipp. (See Baetz, Max A., assignor.)						
Ketcham, Cassius M., Carthage, Mo. Target-trap.	822,741	June 5	1022	209-10	122	1953
Ketcham, Charles H. (See Spang, Henry W., assignor.)						
Ketcham, Henry W., Patchogue, N. Y. Bolt-locking washer.	813,714	Feb. 27	4378	966	120	2586
Ketcham, Lincoln H., Corning, Ohio. Post-driving machine.	819,764	May 8	1454	311	122	385
Ketchum, Ernest C., Boston, Mass. Dynamo.	826,668	July 24	4058	840-1	123	1080
Ketelsen, Nikolaus, Klappholz per Havetoft, Germany. Machine for the production of drain-tiles.	832,132	Oct. 2	220	44	124	1267
Ketting & Braun. (See Gerlach, Gustav B., assignor.)						
Ketterer, Percival C., New York, N. Y. Device for supporting wagons for painting.	823,280	June 12	2144	447	122	2245
Kettering, Preston A., Cadiz, Ohio. Automatic gas danger-signal.	808,929	Jan. 2	606	132	120	134
Ketterlinus Lithographic Manufacturing Company. (See Thompson, John B., assignor.)						
Keuffel & Esser Company. (See Keuffel, Willie L. E., assignor.)						
Keuffel & Esser Company. (See Rehintzer, Alexander, assignor.)						
Keuffel, Willie L. E., assignor to Keuffel & Esser Company, Hoboken, N. J. Leveling-rod.	833,880	Oct. 23	3811	809-10	124	2273
Kevlin, Mathew F., assignor to James Hunter Machine Company, North Adams, Mass. Discharging device for driers.	836,325	Nov. 20	2834	601	125	802
Key, Brewer W. (See Percival, Herbert E., assignor.)						
Key, James F., Schenectady N. Y., assignor to General Electric Company. Hydraulic shaft-packing for turbines.	811,642	Feb. 6	214	46	120	1531
Key, John W. (See Lee, John H., assignor.)						
Keyes, Frank E., New York, N. Y. Boiler-feed purifier.	826,580	July 24	3889	806	123	1033
Keyes, Harry E., assignor of fifty-one one-hundredths to J. A. Doyle and F. Schuchman, Homestead, Pa. Railway-tie.	830,330	Sept. 4	861	177-8	124	214
Keyes, James A., New York, N. Y. Packing-machine.	814,454	Mar. 6	919	188-9	121	200
Keyes, James A., New York, N. Y. Packing-machine.	817,375	Apr. 10	1634	345-6	121	1777
Keyes, James A., New York, N. Y. Packing-machine.	823,051	June 12	1641	339-40	122	2135
Keyless Can Opener Company. (See Page, Frank C. B., assignor.)						
Keyless Lock Company. (See Rice, Clarence S., assignor.)						
Keyser, Charles C., Newport News, Va. Clutch.	814,545	Mar. 6	1095	227	121	238
Keyser, Edward, Poughkeepsie, N. Y. Vehicle-wheel.	838,030	Dec. 11	1494	322	125	1770
Keystone Company. (See Johnston, Edward A., assignor.)						
Keystone Driller Company. (See Smith, Downie, and Ransom, assignors.)						
Keystone Electric and Manufacturing Company. (See Hausold, Alvin, assignor.)						
Keystone Type Foundry. (See Lewis, James W., assignor.)						
Keystone View Company. (See Charlton, Thomas F., assignor.)						
Kibben, Edward. (See Dana and Kibben.)						
Kibbey, Frank M., Rosendale, Mo. Line and rein buckle.	818,970	Apr. 24	4836	1039	121	2578
Kick, Emile F., New York, N. Y., assignor to American Chemical Products Company. Paring hides and skins.	820,648	May 15	3266		122	847
Kidd, George E., assignor of one-half to J. E. McLaughlin, Bloomfield, Ind. Device for handling corpses.	821,720	May 29	5503	1172	122	1456
Kidd, James W., Okarche, Okla. Ter. Fence-post.	812,141	Feb. 6	1205	264	120	1734
Kidd, Joseph, Duluth, Minn. Ship construction.	818,259	Apr. 17	3421	734	121	2217
Kidd, Joseph, Duluth, Minn. Hatch-cover for ships.	833,058	Oct. 9	2080	438	124	1753
Kidd, Lewis. (See Kidd, William F., P., and L.)						
Kidd, Peter. (See Kidd, William F., P., and L.)						
Kidd, Richard G., Bishop's Crossing, Canada. Cutter-bar attachment.	829,654	Aug. 28	4019	852	123	2781
Kidd, William F., P., and L., Bloomfield, Ind. Lifting-jack.	823,949	June 19	3432	732-3	122	2584

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Kidder, John F., Burlington, Vt. Game apparatus.....	824,660	June 26	4819	1028	122	2938
Kidder, John F., assignor to J. F. Kidder Manufacturing Company, Burlington, Vt. Blacksmith's punch.....	834,139	Oct. 23	4506	956	124	2443
Kidder, William N., Providence, R. I. Separable button or stud.....	808,988	Jan. 2	733	158	120	162
Kiddle, Thomas, Ladysmith, Canada. Hot-air system for blast-furnaces.....	830,152	Sept. 4	499	101-2	124	125
Kidney, Robert J., Buffalo, N. Y. Shaving-mug.....	828,854	Aug. 14	2316	492	123	2276
Kidney, Robert J., Buffalo, N. Y. Nut-lock.....	834,579	Oct. 30	5367	1139	124	2704
Kidney, Josiah R., East Hampton, Conn. Push-button bell.....	824,486	June 26	4480	949-50	122	2864
Kidny, Joseph H., Lisle, Mo. Main-line soulder.....	836,508	Nov. 20	3186	675	125	886
Kief, Phillip, Louriston, Minn. Metal wagon-box.....	828,032	Aug. 7	688	142-3	123	1841
Kiefer, Fred, Priceburg, Pa. Dry measurer.....	829,018	Aug. 21	2655	559-60	123	2391
Kiefer, George W., Newport, Ky. Machine for pitting cherries or the like.....	834,064	Oct. 23	4329	920-1	124	2397
Kiefer, Karl, Cincinnati, Ohio. Filtering apparatus.....	812,931	Feb. 20	2816	620	120	2190
Kiefer, Karl, Cincinnati, Ohio. Filtering element.....	812,932	Feb. 20	2819	621-2	120	2191
Kiefer, Karl, Cincinnati, Ohio. Filter.....	812,933	Feb. 20	2822	622	120	2192
Kiefer, Karl, Cincinnati, Ohio. Filter.....	812,934	Feb. 20	2824	622-3	120	2192
Kiefer, Karl, Cincinnati, Ohio. Lifting device.....	813,384	Feb. 20	3721	818	120	2382
Kiefer, Karl, Cincinnati, Ohio. Filter-pulp-packing machine. (Reissue).....	12,455	Feb. 20	3748	822-3	120	2388
Kiefer, Karl, Cincinnati, Ohio. Candying cherries.....	819,286	May 1	511	107	122	118
Kiefer, Karl, Cincinnati, Ohio. Filter apparatus.....	828,320	Aug. 14	1274	270	123	2011
Kiefer, Karl, Cincinnati, Ohio. Filtering element.....	834,304	Oct. 30	4848	1024	124	2573
Kiefer, Karl, Cincinnati, Ohio. Filtering element.....	837,845	Dec. 4	1121	250	125	1632
Kieffer, August, and H. Rebsamen, Chicago, Ill. Branding-machine.....	826,943	July 24	4578	953	123	1209
Kieffer, August, and H. Rebsamen, Chicago, Ill. Pitching-machine.....	831,006	Sept. 11	2208	466	124	584
Kiel, William, Butler, N. J., assignor to American Hard Rubber Company. Chemical vessel.....	819,765	May 8	1457	311	122	356
Kielberg, Carl J., Bornholm, Denmark. Molding apparatus.....	811,297	Jan. 30	5460	1138	120	1345
Kienle, Eugene, <i>et al.</i> (See Wick, Mathias, assignor.)						
Kienzl, Raimund, assignor of one-half to G. Schmidt, Pittsburg, Pa. Bolt threading and tapering machine.....	814,655	Aug. 6	1305	274-5	121	282
Kieren, Henry, assignor of one-half to F. H. Miller, Crystal Falls, Mich. Globe-valve.....	828,216	Mar. 7	1032	217	123	1923
Kiesel, William F., Jr., Altoona, Pa. Post and carline for railway-car frames.....	809,920	Jan. 9	2611	538	120	607
Kiesel, William F., Jr., Altoona, Pa. Steel underframe for railway-cars.....	809,921	Jan. 9	2612	538-9	120	608
Kiesel, William F., Jr., Altoona, Pa. Frame for railway-cars.....	823,790	Oct. 19	3131	663-4	122	2517
Kiesel, William F., Jr., Altoona, Pa. Railway-car frame.....	832,486	June 2	934	184-6	124	1436
Kiesel, William F., Jr., Altoona, Pa. Railway-car frame.....	832,487	Oct. 2	943	186-7	124	1439
Kieserling, Robert, Altona, Germany. Cement paving.....	839,600	Dec. 25	4599	981	125	2620
Kiewert Company, Chas. L. (See Herschman, Paul R., assignor.)						
Kiewicz, John, Hyde Park, Mass., assignor, by mesne assignments, to Wheeler Manufacturing Company. Buttonhole-sewing-machine clamp.....	814,216	Mar. 6	419	86	121	91
Kiewicz, John, Hyde Park, Mass., assignor, by mesne assignments, to Wheeler Manufacturing Company. Buttonhole-cutting mechanism.....	828,410	Aug. 14	1443	304	123	2054
Kiefer, Glenn D., Republic, Wash. Current water-wheel.....	825,841	July 10	2392	498	123	630
Kier, Samuel D. (See Larsh, John M., assignor.)						
Kihlgren, Bernhard, Holyoke, Mass. Paper-pulp-assorting apparatus.....	811,930	Feb. 6	790	173	120	1650
Kihlmark, Karl K., McKees Rocks, Pa. Hatchet.....	838,865	Dec. 18	3139	676	125	2218
Kilbon, George B., Springfield, Mass. Stamp and seal handling device.....	814,708	Mar. 13	1435	300	121	373
Kilborn, George D. (See Wilson, Frank N., assignor.)						
Kilborn, Harry A., Dunsmuir, and R. Maker, Sacramento, Cal. Metallic packing.....	828,554	Aug. 14	1745	367	123	2132
Kilborn, Horace M. (See Fickett, Gustav R., assignor.)						
Kilbourn, Edward E., New Brunswick, N. J., assignor to Kilbourn Knitting Machine Company. Manufacture of seamless hosiery.....	821,944	May 29	5930	1262	122	1553
Kilbourn Knitting Machine Company. (See Gilbert, George H., assignor.)						
Kilbourn Knitting Machine Company. (See Kilbourn, Edward E., assignor.)						
Kilbourne and Jacobs Manufacturing Company. (See Stagg, Thomas H., assignor.)						
Kilburn, John B., assignor to Hale & Kilburn Manufacturing Company, Philadelphia, Pa. Car-seat.....	814,455	Mar. 6	923	190	121	200
Kilburn, John B., and A. N. McConnell, assignors to Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Car-seat.....	825,736	July 10	2195	458	123	582
Kilduff, John M., Boston, Mass. Non-refillable bottle.....	813,715	Feb. 27	4379	966	120	2586
Kilduff, John M., Boston, Mass. Non-refillable bottle.....	813,504	Feb. 27	4548	1005	120	2622
Killer, Edmond F., Sr., Santa Barbara, Cal. Steaming grain.....	814,909	Mar. 13	1802	378	121	451
Killacky, Hugh, Chicago, Ill. Ticket-punch.....	829,273	Aug. 21	3208	674	123	2534
Killam, Perry A. A., Ellsworth, Me. Nursing-bottle holder.....	808,848	Jan. 2	434	96	120	96
Killefer, John, Los Angeles, Cal. Weed-cutter.....	812,276	Feb. 11	1555	340	120	1880
Killen, Edward B., London, England. Key or wedge for railway-chairs and steel rails.....	837,935	Dec. 11	1296	284	125	1718
Killen, James S., Darlington, Ind. Railway-tie.....	835,730	Nov. 13	1672	355	125	465
Killen, Marcus H., Chicago, Ill., assignor of one-half to M. L. Killen. Automatic stereopticon apparatus.....	817,251	Apr. 10	1396	294-5	121	1727
Killen, Mark L. (See Killen, Marcus H., assignor.)						
Killing, Ewald, Hagen, Germany. Rail-joint.....	821,420	May 22	4905	1042	122	1270
Killingworth, Samuel J., Mason, Ala. Car-brake.....	837,846	Dec. 4	1121	250	125	1633
Killman, Thomas A., Liberty, Penn. Automatic weighing and computing scale.....	816,984	Apr. 3	880	182-3	121	1553
Killmeyer, Jacob, Pittsburg, Pa. Window-lock.....	816,337	Mar. 27	4793	1015	121	1199
Kilpatrick, James L., Philadelphia, Pa., assignor to Western Electric Company, Chicago, Ill. Card-holder for telephone-transmitters.....	826,336	July 17	3331	689	123	875
Kilroy, Patrick M., assignor of two-thirds to T. E. Adams and J. E. Brown, Pine Bluff, Ark. Combination cast-steel transom, draft-sill, and dead-wood.....	824,124	June 26	3744	799	122	2708
Kilroy, Patrick M., assignor of two-thirds to T. E. Adams and J. E. Brown, Pine Bluff, Ark. Combination truss-rod stand and anchor-bracket.....	824,125	June 26	3744	799	122	2708
Kimball, Charles B., Cleveland, Ohio. Wheel for automobiles.....	816,666	Apr. 3	247	58	121	1414
Kimball, Frank R., <i>et al.</i> (See Cove, George H., assignor.)						
Kimball, Willard E. (See Johnson, William H., assignor.)						
Kimball, William C. (See Kimball, William H., assignor.)						
Kimball, William H., assignor of one-half to W. C. Kimball, Tallapoosa, Ga. Fence-post.....	820,207	May 8	2407	522	122	598
Kimark, Daniel A. (See Felt and Kimark.)						
Kimber, Emmor, Boston, Mass., assignor to H. V. Boyer, Brooklyn, N. Y. Certificate of deposit.....	832,796	Oct. 9	1574	323	124	1631
Kimber, George A., Chicago, Ill. Grinder.....	836,813	Nov. 27	3833	816	125	1082
Kimber, Simeon B., Marquette, Mich., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Cartridge-loading machine.....	813,435	Feb. 27	3838	840-1	120	2465
Kimberly & Clark Company. (See Thom, Peter R., assignor.)						
Kimberly, Luman C., assignor of one-third to J. R. Noecker, Circleville, Ohio. Hame-tie fastener for harness and holdback-straps.....	828,321	Aug. 14	1275	270	123	2011
Kimble, Austin, assignor of one-half to P. B. Bass, Chicago, Ill. Electric motor and controlling the same.....	838,547	Dec. 18	2542	550	125	2071

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kimbrough, Charles E., Logansport, Ind. Voting-machine.....	813,007	Feb. 20	2968	654	120	2222
Kimbrough, Jacob W., Dallas, Tex. Float-drive for cotton-linters.....	835,538	Nov. 13	1319	283	125	376
Kime, Orville F., Galion, assignor to F. J. Prame, Shiloh, Ohio. Grain-cleaner.....	829,404	Aug. 28	3469	730	123	2644
Kime, Orville F., Galion, assignor to F. J. Prame, Shiloh, Ohio. Riddle.....	836,387	Nov. 20	2954	625	125	828
Kimes, Hugh W., assignor to Vaile & Kimes, Dayton, Ohio. Pumping apparatus.....	813,003	Feb. 20	2971	654	120	2222
Kimmel, George E., Fairbury, Nebr. Wrench for jar-tops.....	833,222	Oct. 16	2434	510	124	1891
Kimmet, Henry, St. Joseph, Mo. Plaster-board.....	820,793	May 15	3570	763	122	915
Kimney, John V. A., Jr., New Haven, Conn. Thermostatic switch for incandescent electric lamps.....	809,700	Jan. 9	2207	457	120	517
Kimmons, Herbert L., Decker, Ind. Mail-deliverer.....	809,187	Jan. 2	1111	231	120	245
Kimple, Harry G., Dicksonburg, Pa. Hinge.....	814,546	Mar. 6	1096	227	121	238
Kimpler, Peter B., Ellinwood, Kans. Railway-track scale.....	824,937	July 3	524	103-4	123	140
Kimsey, James C., Philadelphia, Pa. Bottle-closure.....	824,661	June 26	4821	1028	122	2938
Kimsey, James C., Philadelphia, Pa. Paper receptacle.....	833,607	Oct. 16	3240	689	124	2088
Kimsey, James C., assignor to American Paper Bottle Company, Philadelphia, Pa. Paper bottle, cup, or other container.....	809,812	Jan. 9	2406	499	120	562
Kimsey, James C., assignor to American Paper Bottle Company, Philadelphia, Pa. Making paper receptacles.....	811,409	Jan. 30	5660	1186	120	1388
Kimsey, James C., assignor to American Paper Bottle Company, Philadelphia, Pa. Paper box or container.....	816,338	Mar. 27	4794	1015	121	1199
Kimsey, James C., and H. R. Heyl, assignors to American Paper Bottle Company, Philadelphia, Pa. Manufacture of paper bottles, cups, &c.....	809,813	Jan. 9	2408	499	120	562
Kincaid, Joseph G., Hiawatha, Kans. Washing-machine.....	822,371	June 5	282	58	122	1787
Kincaid, Walter C., St. Charles, Ill. Fence-making machine.....	811,931	Feb. 6	792	174	120	1650
Kind, Maurice, et al. (See Loewenstein, Maxmilian, assignor.)						
Kindel, Charles J., and R. Coopersmith, St. Louis, Mo. Davenport-bed.....	823,879	June 19	3295	699-700	122	2554
Kindel, George J., Denver, Colo. Air-cleaning apparatus.....	827,536	July 31	5904	1223	123	1548
Kindelan, Joseph, Leadville, Colo. Candlestick.....	814,456	Mar. 6	924	190	121	201
Kinder, Arthur H., assignor to L. C. Chase & Company, Boston, Mass. Horse-blanket.....	812,796	Feb. 13	2548	560	120	2084
Kindgen, Frederick E., Brooklyn, N. Y. Table-top.....	826,669	July 24	4062	841	123	1081
Kindig, Samuel C., assignor of seven-fifteenths to F. Henkelman, Baltimore, Md. Non-refillable bottle.....	819,892	May 8	1710	367	122	447
Kindig, Samuel C., assignor of one-half to F. Henkelman, Baltimore, Md. Closure for bottles, jars, &c.....	822,895	June 5	1315	271	122	2013
Kindig, Samuel C., assignor of one-half to F. Henkelman, Baltimore, Md. Closure for bottles, jars, and similar vessels.....	823,124	June 12	1810	372	122	2169
Kindig, Samuel C., assignor of one-half to F. Henkelman, Baltimore, Md. Nut and bolt lock.....	826,037	July 17	2758	571	123	736
Kindig, Samuel C., and C. A. Ferguson, assignors to said Kindig and F. Henkelman, Baltimore, Md. Non-refillable bottle.....	825,543	July 10	1769	372	123	474
Kindling, Gustav, Magdeburg, Germany. Automatic registering pool-table.....	823,687	June 19	2942	622	122	2476
Kindlund, Otto A., Chicago, Ill. Railway signaling apparatus.....	828,855	Aug. 14	2317	493	123	2277
Kindrick, Eliza C., Nashville, Tenn. Refrigerator.....	817,782	Apr. 17	2450	523	121	2006
Kinealy, John H., Ferguson, Mo. Air-purifying apparatus.....	813,217	Feb. 20	3395	748-9	120	2313
Kinealy, John H., St. Louis, Mo. Automatic return-valve for heating apparatus.....	826,581	July 24	3890	806	123	1034
Kineon, Sol. P. (See Sheets, Jesse T., assignor.)						
Kiner, Nelson, assignor to I. G. and B. F. Osgood, Marseilles, Ill. Harrow.....	832,325	Oct. 2	619	118-19	124	1361
King, Almer, Aurora, Ill. Mail-box.....	823,730	June 19	3012	638	122	2490
King, Alphonse. (See Roussel, Willis J., assignor.)						
King, Alphonse, San Antonio, Tex. Nailless horseshoe.....	822,612	June 5	768	155-6	122	1897
King, Arthur W., assignor to C. Rogers, London, England. Means for soldering aluminum.....	811,725	Feb. 6	355	.....	120	1565
King, Asbury S., Lancaster, Pa. Drying device.....	817,120	Apr. 3	1125	233	121	1610
King Bridge Company. (See Fuller, Harry, assignor.)						
King, C. A., et al. (See Daves, William, assignor.)						
King, Charles B. (See King, Barnhart, and King.)						
King, Charles C., Louisville, Ky. Tag-stamping device.....	809,188	Jan. 2	1113	231	120	245
King, Charles C., Little Rock, Ark. Harness.....	818,260	Apr. 17	3422	734	121	2218
King, Charles D., Brooklyn, N. Y. Pivot-joint.....	831,354	Sept. 18	2928	621	124	791
King, Charles E., Washington, Kans. Action for stringed musical instruments.....	819,556	May 1	1022	224	122	230
King, Clarence A., Norwich, N. Y. Acetylene-gas generator.....	836,509	Nov. 20	3188	675	125	886
King, Daniel, Pinkney, Tenn. Dumping-car.....	824,365	June 26	4223	900	122	2810
King, David, et al. (See St. Peter, Napoleon, Jr., assignor.)						
King, Dean W., Jr., Denver, Colo. Gun-sight.....	830,442	Sept. 4	1097	229	124	271
King, Dora, Tamaroa, Ill. Article-holding means.....	815,353	Mar. 20	2758	574	121	708
King, Edwin A., Philadelphia, Pa. Updraft-kiln.....	808,847	Jan. 2	431	95-6	120	96
King, Elijah, Sams, assignor of one-fourth to A. Kelley, Pryse, Ky. Automatic car-coupling.....	821,505	May 22	5061	1078	122	1303
King, Frank, Manchester, England. Carpet-sweeper.....	837,936	Dec. 11	1297	284-5	125	1718
King, Frank H., Santa Barbara, Cal. Sweat-pad for hats.....	831,444	Sept. 18	3093	655	124	832
King, George I., Middletown, Pa. Dump-car.....	814,141	Mar. 6	276	55	121	60
King, George I., Middletown, Pa. Friction draft-gear.....	826,171	July 17	3015	626	123	799
King, George I., Middletown, Pa. Friction draft-gear.....	827,804	Aug. 7	231	47	123	1729
King, George I., Middletown, Conn., assignor to American Car & Foundry Company, St. Louis, Mo. Underframing for box-cars. (Reissue).....	12,463	Mar. 13	2095	561	121	643
King, George W., Marion, Ohio. Frictional drive mechanism.....	833,839	Oct. 23	3715	791-2	124	2248
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Spud for dredges.....	830,079	Sept. 4	347	70	124	84
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Excavator.....	836,118	Nov. 20	2396	506-8	125	693
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Winch.....	836,119	Nov. 20	2402	508-9	125	694
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Conveyor.....	838,119	Dec. 11	1688	363	125	1819
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Bucket for dredges.....	838,120	Dec. 11	1689	364	125	1819
King, George W., H. J. Barnhart, and C. B. King, assignors to Marion Steam Shovel Company, Marion, Ohio. Steering mechanism for self-propelling machines.....	830,721	Sept. 11	1702	350-1	124	459
King & Hamilton Company. (See Gilman, John H., assignor.)						
King and Hamilton Company. (See Gilman and Bennett, assignors.)						
King, Homer A., Colton, Cal. Twin-head rotary engine.....	813,974	Feb. 27	4887	1080	120	2693
King, Homer A., Colton, Cal. Trailing cylinder-head rotary engine.....	818,029	Apr. 17	2959	639	121	2120
King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Cut-off mechanism for brick-machines.....	815,022	Mar. 13	2051	429-30	121	502
King, Hubert, New York, N. Y. Capsule-filler.....	820,720	May 15	3417	731	122	880
King, James F., Washington, D. C. Wireless telegraphy.....	813,975	Feb. 27	4888	1081	120	2694
King, James G. (See Melton, William K., assignor.)						
King, James M., Frazee, Minn. Rotary engine.....	816,727	Apr. 3	348	80	121	1437

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page
King, James M., Mattoon, Ill. Clock attachment.....	830,722	Sept. 11	1705	351	124	460
King, James M., assignor of one-half to H. S. Lanier, Danville, Va. Trolley-wheel.....	829,073	Aug. 21	2772	582	123	2424
King, Jerry, St. Paul, Minn. Elevator bell-signal.....	828,746	Aug. 14	2112	447	123	2225
King, John B., Plymouth, England. Power-transmitting mechanism.....	810,869	Jan. 23	4581	954	120	1121
King, John B., Plymouth, England. Internal-combustion engine.....	819,557	May 1	1023	224	122	230
King, John F., Sheridan, Mont. Watch-stem.....	833,881	Oct. 23	3814	810	124	2274
King, John G., Charlotte, N. C. Pick-finding device.....	839,485	Dec. 25	4376	955-6	125	2565
King, John H., Cincinnati, Ohio. Train-stopping apparatus.....	823,281	June 12	2145	448	122	2245
King, John W., assignor to Lawson Boat and Car Company, New York N. Y. Laterally-movable dumping-vehicle.....	811,851	Feb. 6	599	130-1	120	1611
King, Joseph, Troy, N. Y. Skate.....	838,623	Dec. 18	2688	577	125	2106
King, Joseph, Sr., Cincinnati, Ohio. Cigar-bundling machine.....	838,624	Dec. 18	2689	577	125	2107
King, Joseph, Sr., Cincinnati, Ohio. Machine for bundling cigars.....	838,625	Dec. 18	2692	577	125	2108
King, Louis A., and C. Ploss, Salem, Mass. Holder.....	813,047	Feb. 20	3041	669	120	2238
King Machine Tool Company. (See Muller, Edward A., assignor.)						
King Manufacturing Company. (See Haynie, Brooks, assignor.)						
King, Philip F. (See Brodnax and King.)						
King, Phineas F., Cleveland, Ohio, assignor of two-thirds to G. and W. Hoyt and J. D. Chambers. Cotton-gin.....	819,893	May 8	1711	367-8	122	447
King, Robert E., Beaufort, N. C. Druggist's prescription-file.....	810,772	Jan. 23	4398	912	120	1083
King, Robert E., Beaufort, N. C. Toy.....	811,510	Jan. 30	5835	1222	120	1423
King, Robert E., Beaufort, N. C. Match-box.....	812,047	Feb. 6	1037	326	120	1700
King, Robert E., Beaufort, N. C. Closure for bottles, jars, and the like.....	826,255	July 17	3173	658	123	835
King, Samuel M., assignor of one-third to D. A. Williams, Marion, Ind. Piano-repairer's tool.....	810,285	Jan. 16	3395	702	120	824
King, Thomas J., Richmond, Va. Combined weeder and harrow.....	810,154	Jan. 16	3111	643	120	765
King, Thomas J., Richmond, Va. Scale.....	831,164	Sept. 18	2550	538	124	696
King, Tom C., New York, N. Y., assignor to National Metallurgic Company, Jersey City, N. J. Preventing the formation of scaffolds in kilns.....	810,059	Jan. 16	2936		120	730
King, Warren D. (See Hood, Ralph O., assignor.)						
King, William C., assignor of one-half to W. G. Aiken, Campbell, Cal. Disk harrow.....	831,789	Sept. 25	3804	796	124	1057
King, William C., and H. Estorff, Colfax, Cal. Sled-propelling mechanism.....	817,071	Apr. 3	1033	214	121	1587
Kingan, James B., Schenectady, N. Y. Cross-head.....	830,080	Sept. 4	348	70	124	85
Kingman, Edward B. Leominster, Mass. Barette.....	825,842	July 10	2393	498	123	630
Kingsbury, Alonzo. (See Maxwell and Kingsbury.)						
Kingsbury, Edmund W., Framingham, Mass. Bulletin-board and rack.....	811,298	Jan. 30	5463	1139	120	1346
Kingsbury, Harry T., Keene, N. H. Auto-aerial ladder-truck.....	818,261	Apr. 17	3423	735	121	2218
Kingsbury, Harry T., Keene, N. H. Auto-aerial ladder-truck.....	818,262	Apr. 17	3425	735	121	2219
Kingsbury, Harry T., Keene, N. H. Spring-motor.....	824,248	June 26	4002	856-7	122	2763
Kingsbury, Harry T., Keene, N. H. Seesaw.....	834,140	Oct. 23	4507	956-7	124	2444
Kingsbury, Harry T., Keene, N. H. Seesaw.....	834,141	Oct. 23	4509	957	124	2444
Kingsbury, Jere G., West Orange, N. J. Sparking plug.....	834,580	Oct. 30	5369	1139	124	2704
Kingsland, Philip S., St. Louis, Mo. Tack-puller for shoe-lasts.....	838,422	Dec. 11	2297	497	125	1968
Kingsley, Burton E., Scranton, Pa. Elevator.....	820,208	May 8	2409	522-3	122	599
Kingsley, George, New York, N. Y. Boiler.....	837,847	Dec. 4	1123	251	125	1633
Kingsley, William H., San Francisco, Cal. Bar-knife.....	818,263	Apr. 17	3424	736	121	2219
Kingston, Thomas H., Somerville, Mass. Portable staging.....	808,989	Jan. 2	737	158	120	162
Kinkead, Arthur. (See Cook, John H., assignor.)						
Kinley-Licht & Apparatebau Gesellschaft m. b. H. (See Ulmann, Philipp, assignor.)						
Kinman, Ira, Pearl City, Ill. Toy.....	813,306	Feb. 20	3564	784	120	2350
Kinnaman, Wilder M., Fostoria, Ohio, assignor to Sears-Roebuck & Co. Grille.....	839,153	Dec. 25	3709	801	125	2405
Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Jersey City, N. J. Emergency-knuckle for car-couplings.....	839,771	Dec. 25	4957	1058	125	2708
Kinnear, Peter. (See Loftus, John, assignor.)						
Kinnear, William R., New York, N. Y. Radiator.....	815,354	Mar. 20	2759	575	121	708
Kinnear, William R., New York, N. Y. Sheet-metal radiator.....	822,613	June 5	769	156	122	1897
Kinnebrew, Ernest, Pittsburg, Pa. Toy.....	838,866	Dec. 18	3139	676	125	2218
Kinney, Charlotte E. C., New York, N. Y. Photography.....	835,623	Nov. 13	1484	317	125	418
Kinney, Clement L. V., assignor to Newark Machine Company, Newark, Ohio. Controlling mechanism for fertilizer-spreaders.....	833,059	Oct. 9	2082	438-9	124	1754
Kinney, Edward E., assignor to M. E. Johnson, Tiffin, Ohio. Milk-stool and pail-holder.....	835,438	Nov. 6	1134	245	125	285
Kinney, Frank W. (See Brouette, Charles D., assignor.)						
Kinney, Israel, Paris, Ontario, Canada, assignor of one-half to Detroit Saw & Tool Works, Detroit, Mich. Knife.....	837,075	Nov. 27	4379	928	125	1213
Kinney, James D. (See McLean and Kinney.)						
Kinney, Ralph P., Cleveland, Ohio. Repair-plug for pneumatic tires.....	821,041	May 22	4138	879	122	1100
Kinney, Willis Z., et al. (See Hughes, Edwin T., assignor.)						
Kinraide, Thomas B., Jamaica Plain, Mass. Ultra-violet lamp.....	817,976	Apr. 17	2850	617	121	2096
Kinsella, Edward M., Bisbee, Ariz. Ter. Guiding appliance for drilling-machines.....	838,339	Dec. 11	2134	462	125	1928
Kinsey, William P. (See Holbein and Kinsey.)						
Kinsman, Frank E., Plainfield, N. J. Means for controlling the movements of a vehicle on a line of way or railway.....	836,120	Nov. 20	2405	509	125	695
Kinst, Emile, Chicago, Ill. Base-ball bat.....	838,257	Dec. 11	1992	427	125	1892
Kinter, Alexander W., Dayton, Pa. Commode.....	829,160	Aug. 21	2979	623	123	2478
Kinter, John H., Indiana, Pa. Trolley for electric cars.....	812,851	Feb. 20	2659	582	120	2154
Kintner, Charles J., New York, N. Y. Syringe.....	826,172	July 17	3016	626	123	799
Kintner, Charles J., New York, N. Y. Electric railway.....	828,322	Aug. 14	1276	270-1	123	2012
Kintner, Charles J., New York, N. Y. Sectional third-rail system of electric railways.....	828,747	Aug. 14	2114	447	123	2226
Kintner, Charles J., New York, N. Y. Railway signal and safety appliance.....	829,968	Sept. 4	68	13-14	124	16
Kintner, Charles J., New York, N. Y. Safety appliance for railways.....	829,969	Sept. 4	76	14-16	124	19
Kinton, William G. (See Wray, Gardner, and Kinton.)						
Kintz, Robert R., Meriden, Conn. Coin-holder.....	837,685	Dec. 4	818	185	125	1557
Kintz, Robert R., assignor to International Silver Co., Meriden, Conn. Salver or tray.....	811,299	Jan. 30	5464	1139	120	1346
Kinyon, Alonzo G., and J. R. Saunders, Hornellsville, N. Y. Rotary engine.....	821,647	May 29	5343	1139	122	1422
Kinyon, Joseph M., Broken Arrow, Ind. Ter. Mattress.....	836,326	Nov. 20	2826	601	125	802
Kinzer, John D., Indianapolis, Ind. Ice-cream mold.....	814,052	Mar. 6	104	19	121	24
Kinzey, Mortimer, assignor to J. E. Helm, Newark, N. J. Ventilator.....	815,434	Mar. 20	2946	611	121	750
Kious, Silas G. (See Glenn, Allen, assignor.)						
Kip-Armstrong Company. (See Johnson, Allan A., assignor.)						
Kip-Armstrong Company. (See Kip and Armstrong, assignors.)						
Kip-Armstrong Company. (See Kip and Greenwood, assignors.)						
Kip-Armstrong Company. (See Kip and Smith, assignors.)						
Kip-Armstrong Company. (See Mann, Albert, assignor.)						
Kip, Frederic E., Montclair, N. J. Filling-carrier.....	814,709	Mar. 13	1438	300	121	374
Kip, Frederic E., Montclair, N. J., and E. C. Smith, Central Falls, R. I., assignors to Kip-Armstrong Company, New York, N. Y. Warp stop-motion for looms.....	813,309	Feb. 20	3577	786	120	2352

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kip, Frederic E., Montclair, N. J., and E. Greenwood, Bridgeport, Conn., assignors to Kip-Armstrong Company, New York, N. Y. Warp stop-motion for looms.	813,308	Feb. 20	3572	785	120	2351
Kip, Frederic E., Montclair, N. J., and F. M. Armstrong, Pawtucket, R. I., assignors to Kip-Armstrong Company, New York, N. Y. Warp stop-motion for looms.	813,307	Feb. 20	3565	784-5	120	2350
Kipp, Anna. (See Kipp, Leonard, assignor.)						
Kipp, Hiram, and J. J. Ross, Chatham, Canada. Metallic railway-tie.	829,655	Aug. 28	4020	852	123	2782
Kipp, Leonard, Waterbury, Conn., assignor to A. Kipp, New York, N. Y. Reclining-chair.	813,156	Feb. 20	3274	719-20	120	2289
Kirby, Edmund B., Rossland, Canada. Separating minerals.	809,959	Jan. 16	2703	557	120	678
Kirby, Edmund B., Rossland, Canada. Distilling oil the oil from oil-coated fines.	825,909	July 17	2509	522	123	668
Kirby, Edmund B., Rossland, Canada. Automatic regulator device for steam-boiler furnaces.	828,411	Aug. 14	1445	305-6	123	2055
Kirby, Edmund B., Rossland, British Columbia, Canada. Separating-tank.	838,626	Dec. 18	2694	577-8	125	2108
Kirby, Frank E., <i>et al.</i> (See MacDougall, John, assignor.)						
Kirby, George F., New Bedford, Mass. Game apparatus.	812,048	Feb. 6	1038	226	120	1700
Kirby, William B., Wellington, Tex. Governor for spring-motors.	818,830	Apr. 24	4582	982	121	2522
Kirchbach, Frank, Munich, Germany. Water-wheel.	824,662	June 26	4822	1029	122	2939
Kircher, Heinrich, assignor to Cannstatter Misch-Und Knetmaschinen-Fabrik, Cannstatter Dampfbackofen-Fabrik, Werner & Pfeleiderer, Cannstatt, Germany. Dough-kneading machine.	828,609	Aug. 14	1837	387	123	2156
Kircher, Julius C., East St. Louis, Ill. Lamp-socket lock.	815,096	Mar. 13	2190	461	121	532
Kirchoff, Richard, Gross-Lichterfelde, and L. Kerkovius, Friedenau, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Violet-color lake and making same.	820,052	May 8	2098		122	531
Kirchoff, William G., assignor to International Register Company, Chicago, Ill. Removable handle for fare-registers.	830,791	Sept. 11	1826	380	124	490
Kirk, Bernard F. (See Dusseau and Kirk.)						
Kirk, Ernest, Niagara, N. D. Shock and bundle loader.	822,134	May 29	6285	1338-9	122	1634
Kirk, Harry D. (See Brown, James H., assignor.)						
Kirk, Webster C., Ingram, Pa. Cuspidor.	827,537	July 31	5906	1224	123	1549
Kirk, William P., Bridgeport, Conn. Fireproof window frame and sash.	816,862	Apr. 3	626	130-1	121	1497
Kirkegaard, Georg, New York, N. Y. Bottle-closure.	823,125	June 12	1811	373	122	2170
Kirkegaard, Georg, New York, N. Y. Bottle-stopper.	825,603	July 10	1890	399	123	503
Kirkegaard, Georg, New York, N. Y. Bottle-stopper.	831,079	Sept. 18	2395	503	124	663
Kirkegaard, Georg, New York, N. Y. Bottle-stopper.	832,676	Oct. 9	1327	268	124	1572
Kirkegaard, Georg, New York, N. Y., assignor of one-half to F. Jepsen, Bergen, Norway. Bottle-stopper.	829,341	Aug. 21	3345	703	123	2568
Kirkegaard, Peter, Deloro, Ontario, Canada. Stamp-mill.	834,385	Oct. 30	5011	1061	124	2615
Kirkegaard, Peter, Deloro, Ontario, Canada. Stamp-mill.	838,190	Dec. 11	1841	395	125	1858
Kirkegaard, Peter, Deloro, Ontario, Canada. Mercury-feeder for ore-crushers.	838,191	Dec. 11	1843	395	125	1859
Kirker-Bender Fire Escape Company. (See Logan, William H., assignor.)						
Kirkham, Hulett & Chandler. (See Hersey, Sidney, assignor.)						
Kirland, David K., Schell City, Mo. Wire-stretcher.	808,759	Jan. 2	272	59	120	62
Kirkland, John, Glasgow, Scotland. Anchor or sustaining and securing appliance for tramway and like rails.	830,233	Sept. 4	672	135	124	169
Kirkland, Robert. (See Coon, Abraham, assignor.)						
Kirkpatrick, George W., Rochester, N. Y. Attachment for vehicle-wheels.	810,419	Jan. 23	3717	766	120	929
Kirkpatrick, George W., Rochester, N. Y. Attachment for vehicle-wheels.	810,420	Jan. 23	3719	766	120	930
Kirkpatrick, James, Whittemore, Iowa. Cultivator.	830,667	Sept. 11	1578	325-6	124	424
Kirkpatrick, John W., Dorchester, Mass. Case.	838,031	Dec. 11	1496	322	125	1770
Kirkpatrick-Picard, Hugh F. (See Sulman, Kirkpatrick-Picard, and Ballot.)						
Kirkpatrick, William B. (See Daniels and Kirkpatrick.)						
Kirkpatrick, William H. G., Philadelphia, Pa. Molding or electric-wire conductor.	836,121	Nov. 20	2413	510	125	697
Kirksey, John G., Carthage, Mo. Ore-concentrator.	821,874	May 29	5790	1233-4	122	1520
Kirksey, John G., Carthage, Mo. Concentrating-table.	831,007	Sept. 11	2210	467	124	584
Kirksey, John G., Carthage, Mo. Ore-separator.	833,223	Oct. 16	2435	510-11	124	1892
Kirkwood, Robert G., Pittsburg, Pa. Oil-burner.	818,030	Apr. 17	2961	639	121	2120
Kirkwood, William, Chicago, Ill. High-pressure gas-burner.	810,870	Jan. 23	4582	954	120	1122
Kirkin, Linden. (See Shearer, Andrew, assignor.)						
Kirnan, William H., Bayonne, N. J. Device for regulating heating apparatus.	817,783	Apr. 17	2450	523-4	121	2006
Kirschning, Emma A., administratrix. (See Kirschning, Hermann.)						
Kirschning, Hermann, deceased; E. A. Kirschning, Berlin, Germany, administratrix. Packing-ring.	816,478	Mar. 27	5082	1078	121	1260
Kirsten, Joseph A. G., Randfontein, Transvaal. Apparatus for sharpening rock-drilling-machine bits.	812,570	Feb. 13	2127	466	120	2000
Kirtley, Simeon B., Columbia, Mo. Self-indexing loose-leaf ledger. (Reissue.)	12,446	Feb. 6	1318	287	120	1759
Kirwan, Charles M., Baldwinville, N. Y. Railway block-signal system.	826,256	July 17	3175	658-9	123	835
Kiser, Daniel, Richmond, Ind. Driving mechanism for vehicles and the like.	829,110	Aug. 21	2855	599	123	2447
Kisinger-Ison Co. (See Oskamp, Alfred, assignor.)						
Kislik, Alexander, assignor to S. Gutman and J. Jacobs, New York, N. Y. Pressed belting.	818,031	Apr. 17	2964	640	121	2121
Kissel, Wilhelm, Königswusterhausen, Germany. Apparatus for automatically lighting gas-lamps.	809,814	Jan. 9	2409	499	120	562
Kissinger, Amos, assignor of one-half to H. Focht, Reading, Pa. Sash-fastener.	815,537	Mar. 20	3131	655	121	789
Kissner, Adam. (See Dailey, William H., assignor.)						
Kistler, Samuel L., Los Angeles, Cal. Dilator.	832,201	Oct. 2	369	68	124	1302
Kistner, Eber H. (See Prah and Kistner.)						
Kitchell, Joseph G., New York, N. Y. Attachment for mouthpieces of telephone-transmitters.	837,304	Dec. 4	57	16	125	1368
Kitchell, Oscar, and C. W. Swanson, assignors to said Swanson, G. W. Powers, and S. W. Prince, Chicago, Ill. Dish-washing machine.	821,105	May 22	4263	907	122	1127
Kitchen, Ernest B., White Post, Va. Mail-box signal.	823,791	June 19	3134	664	122	2518
Kitchen, Frederick T. (See Toltz and Kitchen.)						
Kitchen, John G. A. (See Perkins and Kitchen.)						
Kitchen, John G. A., Lancaster, England. Incandescent gas-lamp.	814,142	Mar. 6	277	56	121	61
Kitchen, John G. A., and L. P. Perkins, Lancaster, England. Tube for radiating, cooling, and condensing apparatus.	822,372	June 5	283	59	122	1787
Kitsee, Isidor. (See Nacke, Arnold, assignor.)						
Kitsee, Isidor, Philadelphia, Pa. Ascertaining the compass direction of moving objects.	811,852	Feb. 6	600	131	120	1612
Kitsee, Isidor, Philadelphia, Pa. Electric coil.	812,657	Feb. 13	2288	498	120	2030
Kitsee, Isidor, Philadelphia, Pa. Metering of telephonic services.	817,920	Apr. 17	2736	594	121	2070
Kitsee, Isidor, Philadelphia, Pa. Electric transmission of intelligence.	817,921	Apr. 17	2738	594	121	2071
Kitsee, Isidor, Philadelphia, Pa. Telephonic device.	818,767	Apr. 24	4454	955	121	2495
Kitsee, Isidor, Philadelphia, Pa. Electric telegraphy.	820,977	May 22	4010	852	122	1072
Kitsee, Isidor, Philadelphia, Pa. Electric telegraphy.	821,506	May 22	5062	1078	122	1304
Kitsee, Isidor, Philadelphia, Pa. Electric telegraphy.	823,176	June 12	1906	393	122	2192
Kitsee, Isidor, Philadelphia, Pa. Telegraphic sending device.	824,028	June 19	3585	764	122	2615

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kitsee, Isidor, Philadelphia, Pa. Telephony.....	824,030	June 19	3591	765	122	2616
Kitsee, Isidor, Philadelphia, Pa. Telephony.....	824,032	June 19	3594	766	122	2616
Kitsee, Isidor, Philadelphia, Pa. Telephony.....	827,449	July 31	5668	1175	123	1492
Kitsee, Isidor, Philadelphia, Pa. Electric battery.....	827,914	Aug. 7	422	90	123	1775
Kitsee, Isidor, Philadelphia, Pa. Electric battery.....	827,915	Aug. 7	424	91	123	1776
Kitsee, Isidor, Philadelphia, Pa. Submarine telegraphy.....	827,916	Aug. 7	425	91	123	1776
Kitsee, Isidor, Philadelphia, Pa. Electric cell.....	827,917	Aug. 7	428	91	123	1776
Kitsee, Isidor, Philadelphia, Pa. Electric circuit.....	827,918	Aug. 7	431	92	123	1777
Kitsee, Isidor, Philadelphia, Pa. Electric transmission of intelligence.....	828,217	Aug. 7	1033	217	123	1923
Kitsee, Isidor, Philadelphia, Pa. Telegraphic transmitting device.....	831,355	Sept. 18	2929	621	124	791
Kitsee, Isidor, Philadelphia, Pa. Apparatus for duplicating phonograph-records.....	833,689	Oct. 16	3394	723	124	2123
Kitsee, Isidor, Philadelphia, Pa. Production of sound-records.....	836,510	Nov. 20	3190	675-6	125	887
Kitsee, Isidor, Philadelphia, Pa. Producing electric coils.....	838,423	Dec. 11	2298	497	125	1968
Kitsee, Isidor, Philadelphia, Pa. Telephony.....	838,787	Dec. 18	2993	645	125	2181
Kitsee, Isidor, Philadelphia, Pa. Electric transmission of intelligence.....	838,788	Dec. 18	2995	645-6	125	2182
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphic transmitting device.....	821,043	May 22	4141	880	122	1100
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Transmitting-key for telegraphic circuits.....	824,029	June 19	3588	765	122	2615
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphic transmitting-key.....	824,031	June 19	3593	765	122	2616
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphy.....	827,919	Aug. 7	433	92	123	1777
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphy.....	831,288	Sept. 18	2806	592	124	760
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Receiving device for electric transmission.....	833,224	Oct. 16	2438	511	124	1892
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphy.....	833,225	Oct. 16	2441	511	124	1893
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphy.....	833,226	Oct. 16	2445	511	124	1894
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphic relay.....	838,192	Dec. 11	1846	395-6	125	1859
Kitsee, Isidor, Philadelphia, Pa., assignor of one-half to C. L. and W. F. Hamilton. Treating contact substances used for catalytic action.....	821,042	May 22	4139	880	122	1100
Kitson, Fred. (See Palmer, Charles, assignor.)						
Kitt, Frederick T., Denver, Colo. Automatic electric circuit changer or switch.....	820,119	May 8	2240	487	122	563
Kitt, Frederick T., Denver, Colo. Electrically-controlled railway-switch.....	825,396	July 10	1427	298	123	389
Kittel, Adolf, Vienna, Austria-Hungary. Reclaiming vulcanized-rubber waste.....	825,060	July 3	744	123	199	
Kitterman, Jerome B., Chillicothe, Iowa. Pick-carrier.....	839,298	Dec. 25	4001	859	125	2474
Kittleston, Ole O., Lee, Ill. Lubricator.....	812,428	Feb. 13	1839	404	120	1940
Kitto, Walter, Barnes, London, England. Crushing or pulverizing apparatus.....	821,421	May 22	4905	1042	122	1270
Kittrell, James D., Hope, Ark. Animal-trap.....	816,102	Mar. 27	4308	912	121	1096
Kitts Manufacturing Company. (See Kitts, Willard A., assignor.)						
Kitts, Willard A., assignor to Kitts Manufacturing Company, Oswego, N. Y. Steam-meter.....	827,920	Aug. 7	435	92	123	1778
Kitzmiller, George M., assignor to Electric Typewriter Company of Norfolk, Inc., Norfolk, Va. Type-writing machine.....	827,538	July 31	5907	1224-5	123	1549
Kitzmiller, George M., Norfolk, Va., assignor to Wyckoff, Seamans & Benedict, Ithaca, N. Y. Type-writing machine.....	827,805	Aug. 7	235	47-8	123	1730
Kjellman, Rudolf H., assignor to Aktiebolaget Stockholms Vapenfabrik, Stockholm, Sweden. Automatic firearm.....	814,547	Mar. 6	1098	227-9	121	239
Kjerner, Ragnar L., Yonkers, assignor of one-half to Standard Steam Specialty Company, New York, N. Y. Steam-separator.....	821,172	May 22	4391	934	122	1156
Kjerulf, Lawrence, Kansas City, Mo. Water-level indicator.....	829,161	Aug. 21	2980	623	123	2479
Klaber, Augustus D., and E. A. Cox, London, England, assignors to A. B. Dick Company, Chicago, Ill. Duplicating apparatus.....	831,080	Sept. 18	2396	503	124	663
Klaczko, Max, Riga, Russia. Duplicating device.....	836,814	Nov. 27	3835	817	125	1082
Klaczko, Max, Riga, Russia. Platen-spacing device for type-writers.....	837,625	Dec. 4	692	159	125	1526
Klaflke, Theodore L. (See Brownfield, Ewing, assignor.)						
Klaiber, Maximilian. (See Wilks and Klaiber.)						
Klaiber, Maximilian, New York, N. Y., assignor, by mesne assignments, to Prosch Photographic Shutter and Optical Company. Photographic shutter.....	834,812	Oct. 30	5850	1241	124	2826
Klanke, George, New Bremen, Ohio. Leg for tables.....	822,281	June 5	110	23	122	1752
Klann, Rudolph, Chicago, Ill. Rotary engine.....	826,670	July 24	4063	841-2	123	1081
Klauer, William H., Dubuque, Iowa. Manufacture of sheet-metal elbows.....	810,155	Jan. 16	3114	643	120	765
Klauer, William H., Dubuque, Iowa. Making sheet-metal elbows.....	824,302	June 26	4089	874-5	122	2782
Klauck, William H., and J. P. Lowry, Winchester, Ky. Hemp-breaking machine.....	811,726	Feb. 6	356	79	120	1565
Klaus, Caesar, Eureka, Ill. Automatic brake.....	819,287	May 1	511	107-8	122	118
Klausman, Edward, Milwaukee, Wis. Heater for thermal cars.....	814,296	Mar. 6	578	121-2	121	124
Klay, Andrew, Bluffton, Ohio. Building-block.....	815,097	Mar. 13	2191	462	121	532
Klay, Andrew, Bluffton, Ohio. Cement-block machine.....	815,098	Mar. 13	2193	462-3	121	532
Klee, Emil, <i>et al.</i> (See Joyce, Martin, assignor.)						
Klee, Henry W., and C. C. Van Eaton, Hayward, assignors of one-third to Hunt Brothers Company, San Francisco, Cal. Fruit-slicing machine.....	830,234	Sept. 4	674	135	124	170
Klee, John G., assignor of one-half to W. T. Bennett, Turners Falls, Mass. Bottle-closure.....	830,903	Sept. 11	2026	426	124	541
Klehm, Henry. (See Stearns and Klehm.)						
Kleim, Gustav, Leipsic, Germany. Sheet-feeding device for printing-machines.....	819,352	May 1	644	136	122	147
Klein, Alexis R., Frederick, Md. Lime-distributor.....	839,394	Dec. 25	4182	895-6	125	2519
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Means for converting motion.....	811,410	Jan. 30	5661	1187	120	1388
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Circuit maker and breaker.....	829,162	Aug. 21	2982	624	123	2479
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Reflector.....	838,789	Dec. 18	2996	646	125	2192
Klein, Daniel, West Chester, Pa., assignor of one-third to M. E. Bowman, Salem, Va. Milking-machine.....	816,583	Apr. 3	51	13	121	1366
Klein, Fred J., New York, N. Y. Paper-clip.....	819,766	May 8	1459	312	122	386
Klein, Fred J., New York, N. Y. Paper-clip.....	820,361	May 8	2702	589	122	665
Klein, Frederick P., assignor to Milton Bradley Company, Springfield, Mass. Pasteboard box.....	834,527	Oct. 30	5268	1119	124	2680
Klein, Joseph, Peru, assignor to Western Clock Manufacturing Company, La Salle, Ill. Barrel click-spring for timepieces.....	820,794	May 15	3571	763	122	915
Klein, Otto G., Barron, Wis. Wheel-holder.....	820,579	May 15	3160	680-1	122	825
Klein, Rudolph, New York, N. Y., assignor of one-fifth to B. G. Harlan, Orange, N. J. Disk-talking-machine blank.....	814,053	Mar. 6	105	19	121	24
Klein, Rudolph, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic shutter.....	839,154	Dec. 25	3710	801	125	2405
Klein, Rudolph, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic shutter.....	839,155	Dec. 25	3715	802	125	2406
Klein, William B., Chicago, Ill. Filter.....	816,479	Mar. 27	5084	1078	121	1260

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Klein, William B., Chicago, Ill. Filter.....	824,487	June 26	4482	950	122	2865
Kleinbach, John, and K. Bareis, Spokane, Wash. Flushing attachment.....	820,795	May 15	3572	763	122	915
Kleinbauer, Mathias, Milwaukee, Wis. Spirit-level.....	832,326	Oct. 2	620	119	124	1362
Kleine, George, Chicago, Ill. Stereopticon.....	810,339	Jan. 16	3507	723	120	849
Kleiner, Joseph E., Madison, and H. J. Anderson, Lakemills, Wis. Store furniture.....	834,674	Oct. 30	5568	1181	124	2756
Kleinert, Isaac B., New York, N. Y., assignor to I. B. Kleinert Rubber Company. Hose-supporter loop.....	821,106	May 22	4265	908	122	1127
Kleinfieldt, Arthur, Hoboken, N. J. Siphon for dispensing liquids.....	824,249	June 26	4004	857	122	2764
Kleinschmidt, Edward E., assignor to F. Kleinschmidt New York, N. Y. Facsimile-telegraph.....	812,142	Feb. 6	1206	265-7	120	1735
Kleinschmidt, Frederick. (See Kleinschmidt, Edward E., assignor.)						
Kleinsorgen, Fritz, Elberfeld, Germany. Brush.....	825,910	July 17	2510	522	123	669
Kleinvogel, Friedrich, Newport, Ky. Driving mechanism.....	830,153	Sept. 4	501	102	124	126
Kleitz, Lambert, Chicago, Ill., assignor to E. C. Wagner, La Fayette, Ind. Distilling apparatus.....	818,831	Apr. 24	4583	982	121	2522
Kleitz, Oscar A., Dawn, Mo. Stump-puller mechanism.....	837,305	Dec. 4	59	16-17	125	1368
Kleker, Joseph J., Owatonna, Minn. Threshing-machine.....	838,032	Dec. 11	1498	323	125	1771
Klemm, William J., Chicago, Ill. Window.....	813,716	Feb. 27	4381	966-7	120	2586
Klemme, Julius L., Quincy, Ill. Heater.....	809,507	Jan. 9	1824	376	120	435
Klenck, Charles P., Warren, Pa. Plate-holder loader.....	828,669	Aug. 14	1953	411-12	123	2185
Klenk, Gottlieb, assignor to Clipper Plow Company, Defiance, Ohio. Metal box.....	813,976	Feb. 27	4889	1081	120	2694
Klenk, Gottlieb, assignor to Clipper Plow Company, Defiance, Ohio. Metal box.....	825,133	July 3	883	186	123	233
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	811,643	Feb. 6	216	46	120	1532
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	814,297	Mar. 6	580	122	121	124
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	814,298	Mar. 6	582	122	121	125
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	814,299	Mar. 6	585	123	121	126
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	824,181	June 26	3857	823	122	2733
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	825,326	July 10	1275	269	123	350
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	831,165	Sept. 18	2551	538	124	696
Klepetko, Frank, New York, N. Y. Roasting-furnace.....	831,166	Sept. 18	2554	538	124	697
Kleppe, Ingolf C. (See Krohn, John O. E., assignor.)						
Kley, Gustav, Siegburg, Germany. Weighing apparatus.....	819,558	May 1	1025	225	122	231
Kliemandt, Robert, Mount Vernon, N. Y., assignor to D. P. Olmstead, Perth Amboy, N. J. Conetto-cannon.....	825,843	July 10	2394	499	123	630
Klier, Joseph G. (See Schreiber and Klier.)						
Kliwer, Gerhard C., Chicago, Ill. Tablet-making machine.....	839,157	Dec. 25	3722	803-4	125	2408
Kliwer, Gerhard C., assignor of one-half to J. H. Palmer, Chicago, Ill. Tablet-making machine.....	839,156	Dec. 25	3720	803	125	2407
Klimm, Eugen, Stuttgart, Germany. Furnace arrangement of steam-engines.....	837,848	Dec. 4	1124	251	125	1634
Klinck, E. G. (See Seever, Elmer J., assignor.)						
Kline, Bert E., Sheldon, Ind. Wrench.....	823,177	June 12	1908	393	122	2192
Kline, David C. (See Buckley, Kline, and Singleton.)						
Kline, David C., assignor to Pritchard-Strong Company, Rochester, N. Y. Burner device for tubular lanterns.....	808,930	Jan. 2	607	133	120	134
Kline, David C., assignor to Pritchard-Strong Company, Rochester, N. Y. Lever-lift for lantern-globes.....	817,430	Apr. 10	1759	369	121	1803
Kline, David C., Rochester, N. Y., assignor to Pritchard Manufacturing Company. Lantern.....	809,508	Jan. 9	1826	376	120	435
Kline, Harvey Z., assignor of one-half to A. F. Van Ostram, Indianapolis, Ind. Machine for making artificial stone.....	811,300	Jan. 30	5465	1139-40	120	1346
Kline, Harvey Z., assignor of one-half to G. E. Coffin, Indianapolis, Ind. Means for handling concrete blocks.....	830,840	Sept. 11	1920	402	124	515
Kline, Henry P., Randolph, Ohio. Planter.....	817,376	Apr. 10	1639	347	121	1779
Kline, Lewis T. (See Stockwell, Homer K., assignor.)						
Kline, Nick W., Longbeach, Cal. Invalid-bed.....	834,477	Oct. 30	5176	1099-1100	124	2656
Kline, Rudolph D., Streator, Ill. Core-extracting device.....	811,301	Jan. 30	5467	1140	120	1347
Kline, Rudolph D., Streator, Ill. Plant-excavator.....	813,717	Feb. 27	4384	967	120	2587
Kline, Rudolph D., Streator, Ill. Transplanting device.....	816,236	Mar. 27	4563	971	121	1150
Kline, Samuel, Trenton, N. J. Head-rest.....	823,792	June 19	3135	665	122	2518
Kline, Samuel, Trenton, N. J. Arm-rest.....	828,670	Aug. 14	1958	412	123	2186
Kline, Walter, Akron, Ohio. Stove or furnace.....	839,003	Dec. 18	3375	728	125	2273
Kline, William B., Timpson, Tex. Joint means for rails or the like.....	833,396	Oct. 16	2796	591	124	1984
Kline, William H., Dunbar, Pa. Valve.....	821,507	May 22	5067	1079	122	1304
Kling, Peter M., Elizabeth, N. J. Car-brake.....	830,154	Sept. 4	502	102-3	124	126
Kling, Peter M., Allegheny, Pa. Car-brake.....	830,155	Sept. 4	505	103	124	127
Kling, Peter M., Allegheny, Pa. Car-seat.....	831,877	Sept. 25	4012	834-5	124	1108
Kling, Peter M., Allegheny, Pa. Car-truck.....	839,601	Dec. 25	4601	981-2	125	2620
Klingberg, William A., Elmo, Kans. Traction attachment for drive-wheels.....	828,748	Aug. 14	2118	448	123	2227
Klingberg, William A., Elmo, Kans. Changeable-speed gearing for automobiles.....	828,749	Aug. 14	2120	448	123	2227
Klingenberg, John, Kipling, Mich. Gun-sight.....	810,156	Jan. 16	3115	643	120	765
Klingner, Friedrich, Frankfort-on-the-Oder, Germany. Top bearing for vertical shafts.....	839,004	Dec. 18	3376	728	125	2273
Klinik, Constantin, Tarnowitz, Germany. Safety device for railways.....	832,202	Oct. 2	371	69	121	1302
Klint, Axel A. C., Holton, Kans. Milk-strainer.....	809,115	Jan. 2	987	204	120	218
Klinzing, August, St. Cloud, Wis. Carrier.....	837,306	Dec. 4	62	17	125	1369
Klippel, Ophir W. (See Honecker and Klippel.)						
Klitzing, Philipp von. (See Mehlhorn and Klitzing.)						
Klohs, Samuel F., Chicago, Ill. Car-coupling.....	814,379	Mar. 6	768	155	121	169
Kloman, Theodore W., New York, assignor of one-half to G. Lucas, Brooklyn, N. Y. Transposer for musical instruments.....	810,949	Jan. 30	4779	995	120	1198
Klönne, Wilhelm, Rath, near Düsseldorf, Germany. Coke-oven.....	825,221	July 3	1061	224	123	277
Klopper, Joseph, New Haven, Conn. Blow-off valve for steam-boilers.....	827,981	Aug. 7	572	117	123	1814
Klopp, James W., Buckeye, Iowa. Cultivator.....	828,750	Aug. 14	2121	448	123	2227
Klopp, Thomas W., Peoria, Ill., assignor to Cleveland Artificial Limb Co., Cleveland, Ohio. Suspensory controlling device for artificial limbs.....	825,659	July 10	2051	428	123	547
Klostermeier, Henry F. (See Wilmoth, Harry E., assignor.)						
Klotz, Adolph E., New York, N. Y. Fireproof partition.....	823,052	June 12	1643	340	122	2135
Klousnitzer, Frank, Herman, assignor of one-half to H. Cypher, Marwood, Pa. Rat-trap.....	821,366	May 22	4789	1018	122	1245
Klousnitzer, Frank, Herman, assignor of two-thirds to A. Michel and H. Cypher, Marwood, Pa. Fly-trap.....	825,660	July 10	2053	429	123	547
Klugel, Geo. D. (See Kalisch, Frederick, assignor.)						
Klug, Charles, and J. Honnauer, Chicago, Ill. Hose-coupling.....	836,930	Nov. 27	4085	872	125	1141
Klug, Herman T., deceased, Chicago, Ill.; L. Klug, administratrix, assignor, by mesne assignments, to L. Klug, Kane county, Ill. Laundry washing-machine.....	837,868	Dec. 4	819	185	125	1557
Klug, Lilly. (See Klug, Herman T., assignor.)						
Klug, Lilly, administratrix. (See Klug, Herman T.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Klugh, Lewis F. (See Hillengass and Klugh.)						
Klugh, Paul B., Evanston, assignor to Cable Company, Chicago, Ill. Accent and expression regulating means for automatic musical instruments or players.	827,068	July 24	4832	1006-7	123	1269
Klugh, Paul B., assignor to Cable Company, Chicago, Ill. Keyboard musical instrument.	833,060	Oct. 9	2084	430	124	1754
Klugh, Paul B., assignor to Cable Company, Chicago, Ill. Automatic musical instrument or player.	833,967	Oct. 23	4095	873	124	2337
Klugh, Paul B., and A. E. Whitehead, assignors to Cable Company, Chicago, Ill. Automatic web-guiding device.	832,982	Oct. 9	1933	404	124	1716
Kluhsmeier, Frederick D. H., New York, N. Y. Liquid-cooler.	826,337	July 17	3332	689	123	875
Klumpp, Gottlob, Brooklyn, N. Y. Filter.	818,264	Apr. 17	3427	736	121	2219
Klumpp, Gottlob, and H. F. Herman, Brooklyn, N. Y.; said Herman assignor to said Klumpp. Incandescent lamp.	830,598	Sept. 11	1423	295-6	124	380
Knabbe, D. (See Gardiner, Anwyl O., assignor.)						
Knabe, Ernest J., Jr., assignor to William Knabe & Company Manufacturing Company, Baltimore, Md. Self-playing piano.	839,602	Dec. 25	4603	982-3	125	2621
Knabe, Ernest J., Jr., and H. Mallebre, assignors to Wm. Knabe & Co. Manufacturing Company, Baltimore, Md. Combined manually and mechanically operated piano.	837,687	Dec. 4	821	186	125	1558
Knackstedt, John N., Omeme, N. D. Kitchen furniture.	814,965	Mar. 13	1913	402	121	473
Knapp, Alfred H., East Peoria, Ill. Railway-torpedo.	838,548	Dec. 18	2543	550	125	2072
Knapp, Ambrose E., Seattle, Wash. Pneumatic tool-holder.	824,250	June 26	4006	857-8	122	2764
Knapp, Charles H., et al. (See Cramer, Howard, assignor.)						
Knapp, Charles R., and V. Mulholland, assignors to Heyl and Patterson, Pittsburg, Pa. Sand-feeder.	827,450	July 31	5670	1175	123	1492
Knapp, Dwight F., Portland, Oreg. Switch-rope coupling.	835,439	Nov. 6	1135	245	125	285
Knapp, Frank E., Quincy, Mich. Combined hinge and support for edgewise-movable gates.	824,033	June 19	3596	766	122	2617
Knapp, Fred H. (See Blackstone, Clarence W., assignor.)						
Knapp, Louis H., Parkersburg, W. Va. Mold for casting center-hung sash-weights.	812,935	Feb. 20	2826	623	120	2192
Knapp, Stefan, Detroit, Mich. Fire-pot and grate.	809,701	Jan. 9	2208	457	120	517
Knauff, Mary E., Avalon, Pa. Nipple for nursing-bottles.	815,435	Mar. 20	2948	612	121	750
Knaus, James M., Sedalia, Mo. Stair.	815,840	Mar. 20	2783	798	121	929
Kneass, Strickland L., Philadelphia, Pa. Injector.	833,720	Oct. 16	3450	736	124	2136
Knecht, Johann J., Chemnitz, Germany. Embroidering-machine.	815,177	Mar. 13	2375	495	121	575
Knecht, Wilhelm, Stuttgart, Germany. Nail-supplying device for shoe-nailing machines.	813,310	Feb. 20	3583	786	120	2353
Knee, Frank H., assignor of one-half to A. L. Long, New Castle, Pa. Pipe-expander.	814,300	Mar. 6	587	123	121	126
Kneedler, John D., assignor of three-fifths to B. Couch and N. T. Hanson, Sioux City, Iowa. Securing means for track-rails.	821,509	May 22	5070	1080	122	1305
Kneedler, John D., N. Van Sickle, B. Couch, and N. T. Hanson, Sioux City, Iowa. Device for bridging and uniting rails.	821,508	May 22	5069	1079	122	1305
Kneedler, Miriam R., Philadelphia, Pa. Car-coupling.	822,526	June 5	581	117	122	1854
Kneen, William, London, England. Tramway-point.	822,055	May 29	6137	1307-8	122	1599
Kneisly, Daniel W., assignor to Drury-Kneisly Manufacturing Company, Dayton, Ohio. Labeling-machine.	812,936	Feb. 20	2827	624-5	120	2193
Knepley, Andrew J., Napoleon, Ohio. Shingling-bracket.	825,661	July 10	2055	429	123	548
Knepper, Jacob F. (See Cramer, Richard R., assignor.)						
Knepper, Charles M., New York, assignor to L. E. Knepper, Brooklyn, N. Y. Printing-press.	838,790	Dec. 18	2997	646	125	2182
Knepper, Louis E. (See Knepper, Charles M., assignor.)						
Kness, Isaac A. (See Fowler, Lewis D., assignor.)						
Kneuper, George M., New York, N. Y. Filter.	811,151	Jan. 30	5163	1079	120	1280
Kneuper, George M., New York, N. Y. Filter.	817,252	Apr. 10	1399	295	121	1728
Kneuper, George M., New York, N. Y. Filter.	817,253	Apr. 10	1401	295	121	1728
Kneuper, George M., New York, N. Y. Means for emptying receptacles.	821,875	May 29	5792	1234	122	1521
Kneuper, George M., New York, N. Y. Apparatus for manufacturing filters.	825,274	July 3	1157	244-5	123	301
Knickerbocker, Burton D., Chicago, Ill. Bath-brush with detachable handle.	823,471	June 12	2482	524	122	2316
Knickerbocker, Burton D., assignor to Knickerbocker Mfg. Company, Chicago, Ill. Fountain-brush.	827,376	July 31	5485	1140	123	1447
Knickerbocker Mfg. Company. (See Knickerbocker, Burton D., assignor.)						
Knie, Max F. J. A., and A. J. Linnartz, Lübeck, Germany. Type-writer.	832,389	Oct. 2	742	145	124	1391
Kniebes, Peter G. (See Barlow, Ashbel P., assignor.)						
Kniesche, August F., Syracuse, N. Y. Developing the fermentable products from grain.	825,662	July 10	2057		123	549
Knietisch, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Chemical Company. Making sulfuric anhydrid.	809,450	Jan. 9	1712	353	120	409
Knietisch, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Chemical Company. Making sulfuric acid.	816,918	Apr. 3	737	152	121	1522
Knietisch, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Chemical Company. Making sulfuric anhydrid.	823,472	June 12	2483	524	122	2316
Knietisch, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Chemical Company. Purifying burner-gases.	822,373	June 5	284	59	122	1787
Kniffen, Le Grand, Chicago, Ill. Loading apparatus for wagons, &c.	822,614	June 5	770	156	122	1898
Kniffen, Le Grand, Chicago, Ill. Loading apparatus for wagons and the like.	835,624	Nov. 13	1486	317-18	125	419
Kniffler, Bruno, Stoneham, Mass. Dissolving size for paper-making.	816,863	Apr. 3	629	131	121	1498
Kniffler, Bruno, Stoneham, Mass. Apparatus for dissolving size for paper-making.	816,864	Apr. 3	630	131	121	1498
Kniffler, Bruno, Stoneham, Mass. Dissolving size for paper-making.	816,865	Apr. 3	632	131	121	1499
Kniffler, Bruno, assignor to Vera Chemical Company, Milwaukee, Wis. Removing impurities from water.	828,938	Aug. 21	2498		123	2355
Knight, Albert C., Newark, N. J., assignor to Gledhill Wall Paper Co., New York, N. Y. Making illuminated wall-papers and the like.	822,209	May 29	6434		122	1668
Knight, Alfred E., Somerville, assignor to J. H. Churchill, trustee, Quincy, Mass. Storage-battery plate or electrode.	826,173	July 17	3019	626	123	800
Knight, Charles R., and J. Tennesen, Denver, Colo. Portable brick-drying rack.	814,966	Mar. 13	1915	402-3	121	473
Knight, Frank, Derby, Conn. Double-recoil take-up.	828,610	Aug. 14	1838	388	123	2156
Knight, Fred E., Troy, Pa. Traction-wheel.	812,502	Feb. 13	1975	433-4	120	1968
Knight, Frederick C., and H. V. Pearce, Denver, Colo.; said Knight assignor of one-third to said Pearce. Natural-draft regenerator for furnace-flues.	817,072	Apr. 3	1034	214	121	1587
Knight, Harry. (See Herrington and Knight.)						
Knight, Harry, assignor to International Cigar Machinery Company, Jersey City, N. J. Cigar-machine.	829,019	Aug. 21	2657	560	123	2392
Knight, Herbert L., assignor to Williams-Abbott Electric Company, Cleveland, Ohio. Transmitter-arm.	823,336	June 12	2244	468	122	2266
Knight, Herbert L., assignor to Williams-Abbott Electric Company, Cleveland, Ohio. Telephone hook-switch.	825,397	July 10	1430	298	123	390
Knight, Herbert L., and B. W. Sweet, assignors to Williams-Abbott Electric Company, Cleveland, Ohio. Adjustable support for telephones.	809,379	Jan. 9	1565	319	120	377
Knight, James, Philadelphia, Pa. Railway-signal.	829,342	Aug. 21	3346	704-5	123	2568

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Knight, James S., and M. B. Russ, Kansas City, Mo. Barrel-opener.....	809,380	Jan. 9	1566	319	120	378
Knight, Jesse E., Blue Canyon, Wash. Log-chock.....	816,339	Mar. 27	4796	1015	121	1200
Knight, Jesse E., Blue Canyon, Wash. Unloading apparatus.....	830,331	Sept. 4	863	178	124	214
Knight, Joseph H., assignor to Perfecto Specialty Company, Gardner, Mass. Ball-cock.....	830,235	Sept. 4	676	135	124	171
Knight, Richard H. (See Barrell and Knight.)						
Knight, Richard H. W., and L. Nagel, London, England. Conduit or casing for electrical conductors.....	814,217	Mar. 6	421	87	121	91
Knight, Walter A., trustee. (See Gray, Charles F., assignor.)						
Knight, William B., Bellefontaine, Ohio. Device for splicing T-rails.....	813,157	Feb. 20	3276	720	120	2290
Knights, James W. (See Stanton, Knights, and Drake.)						
Knilians, William A., Sheboygan, Wis. Roll-paper receptacle.....	830,236	Sept. 4	678	136	124	171
Knipe, Oliver C. Norristown, Pa., assignor to Pressed Steel Manufacturing Company. Ball-bearing caster.....	811,152	Jan. 30	5165	1079	120	1281
Knipe, William A., Haverhill, Mass. Sole-centering machine.....	829,656	Aug. 28	4022	852	123	2782
Knippenberg, Philip M., Oshkosh, Wis. Candle holder and stick.....	820,209	May 8	2412	523	122	599
Knipping, Franz, Berlin, Germany. Pasteurizing beer and other liquids having a gas dissolved therein.....	838,721	Dec. 18	2864	617	125	2151
Knittel, John, Allegheny, Pa. Dumping-car.....	821,808	May 29	5679	1209	122	1497
Knittweis, Jacob, Philadelphia, Pa. Fireproof window.....	833,061	Oct. 9	2086	439	124	1755
Knobel, Abraham, assignor to Rogers, Ridgeway and Faith, Louisville, Ky. Electric railway-gate.....	822,958	June 12	1445	301	122	2090
Knobeloch, Frank, Dayton, Ohio. Paper box.....	825,544	July 10	1771	372-3	123	475
Knobeloch, Frank, Dayton, Ohio. Paper box.....	834,142	Oct. 23	4511	957-8	124	2445
Knobeloch, Frank, Dayton, Ohio. Paper box.....	835,191	Nov. 6	637	131	125	162
Knoblauch, Albert. (See Haack and Knoblauch.)						
Knoblock, A. J. (See Stewart, Robert A., assignor.)						
Knocker, Andrew, Humboldt, Kans. Pump-rod clamp.....	815,178	Mar. 13	2376	496	121	576
Knoderer, Levi F., Columbus, Ohio. Gas-heater.....	815,099	Mar. 13	2197	463	121	533
Knoderer, Levi F., Columbus, Ohio. Regulating-valve for gas-burners.....	815,179	Mar. 13	2377	496	121	576
Knodle, Ephraim A., Springfield, Ill. Burial-case.....	837,849	Dec. 4	1126	252	125	1634
Knoener, Hermann A., East Orange, assignor to Crocker-Wheeler Company, Ampere, N. J. Means for attaching gears to shafts.....	827,023	July 24	4727	986	123	1243
Knoernschild, Charles, assignor to Gem Hammock and Fly Net Company, Milwaukee, Wis. Hammock-supporting frame.....	816,340	Mar. 27	4798	1016	121	1200
Knoerzer, Otto, assignor to Champion Potato Machinery Company, Hammond, Ind. Potato-digger.....	831,008	Sept. 11	2214	967-8	124	584
Knoff, Frank, Chicago, Ill. Diving apparatus.....	829,274	Aug. 21	3210	674	123	2535
Knoff, Frank, assignor of one-half to C. H. Tryon, Chicago, Ill. Stake-pin.....	824,182	June 26	3860	823	122	2734
Knoke, Herman A., Chicago, Ill. Clamp.....	810,543	Jan. 23	3971	818	120	988
Knoles, L. E. (See Millross, Albert J., assignor.)						
Knoll, Henry H., Pittsburg, Pa. Puzzle.....	834,065	Oct. 23	4332	921	124	2397
Knoll, Richard T. (See Fertig and Knoll.)						
Knollenberg, William E., and J. A. Frey, St. Louis, Mo. Non-refillable bottle.....	812,751	Feb. 13	2462	540	120	2065
Knoop, John H. W., Philadelphia, Pa. Attachment for linotype-machines.....	808,931	Jan. 2	608	133	120	134
Knopf, Albert H., Oak Hall, Pa. Nut-lock.....	831,009	Sept. 11	2215	468	124	585
Knopf, Albert H., Oak Hall, assignor of one-half to C. M. McCurdy, Bellefonte, Pa. Rail-joint.....	822,896	June 5	1316	271	122	2014
Knopf, Albert H., Oak Hall, assignor of one-half to C. M. McCurdy, Bellefonte, Pa. Nut-lock.....	833,530	Oct. 16	3071	652	124	2047
Knopf, Carl. (See Johnson and Knopf.)						
Knopf, Carl, Hemelingen, near Bremen, assignor to J. D. Barth, Bremen, and P. H. Minck, Hemelingen, Germany. Apparatus for obtaining pure cotton or fibrous material for textile and like purposes from waste products.....	814,967	Mar. 13	1917	403	121	474
Knopie, Frederick W., St. Louis, Mo. Electric machine and system.....	820,649	May 15	3268	702-3	122	847
Knorr, Georg, Britz, near Berlin, Germany. Distributing-valve for air-brakes.....	812,752	Feb. 13	2463	540-1	120	2066
Knorzer, Augustus T., and S. P. Danner, Middletown, Conn. Spring edge-supporting hook.....	815,436	Mar. 20	2950	612	121	750
Knothe Brothers. (See Knothe, Frank F., assignor.)						
Knothe, Frank F., Ridgewood, N. J., assignor to Knothe Brothers. Suspender-end cord.....	829,476	Aug. 28	3654	772	123	2692
Knott, Frank W., Madison, Wis. Lubricator.....	837,905	Dec. 4	1235	272	125	1660
Knott, Louie E., Boston, Mass. Linear-expansion apparatus.....	829,405	Aug. 28	3471	730	123	2645
Knott, Warren E., assignor of one-fourth to C. Walker, Erie, Pa. Button-blank grinding and feeding machine.....	817,121	Apr. 3	1126	233	121	1610
Knott, Warren E., assignor of one-fourth to C. Walker, Erie, Pa. Button-blank grinding and feeding machine.....	817,122	Apr. 3	1128	234	121	1611
Knowles, Camden E., assignor of three-fourths to G. B. Young, G. T. Cooley, G. H. Elmore, Joplin, W. E. Brinkerhoff, E. O'Keefe, and J. Herrin, Carthage, Mo. Magnetic ore-separator.....	833,169	Oct. 16	2311	485	124	1860
Knowles, Jesse M., and S. A. Gregory, Stockport, Iowa. Electrothermostatic fire-alarm.....	833,465	Oct. 16	2948	626	124	2019
Knowles, John R., New York, N. Y., assignor to W. F. Peebles, Raritan, N. J. Necktie-supporter.....	831,878	Sept. 25	4013	835	124	1108
Knowles, Lewis W., Augusta, Me. Switch-operating device.....	838,033	Dec. 11	1500	323	125	1771
Knowles, Samuel E., San Francisco, Cal. Trolling-spoon.....	813,718	Feb. 27	4385	967	120	2587
Knowles, William H., Hartford, Conn. Automatic recoil-operative firearm.....	829,163	Aug. 21	2984	624-5	123	2479
Knowles, William L., Hatton, Ohio. Well-drilling machine.....	816,341	Mar. 27	4800	1016-17	121	1201
Knowlton, John A., Boston, Mass. Garment-fastener.....	819,767	May 8	1459	312	122	386
Knowlton, William E., Portland, Me. Track-clearer.....	824,183	June 26	3860	823	122	2734
Knox, Alexander, Brisbane, Queensland, Australia, assignor to Austral Window Balance Company. Balanced window.....	821,510	May 22	5072	1080	122	1305
Knox Automobile Company <i>et al.</i> (See Woodward, Charles E. W., assignor.)						
Knox, Charles B. (See Hallock, Arthur T., assignor.)						
Knox, Harry A., Springfield, Mass. Portable sawing-machine.....	822,056	May 29	6139	1308-9	122	1600
Knox, Harry A., Springfield, Mass. Heat-radiating pin.....	827,732	Aug. 7	72	14	123	1683
Knox, Harry R. (See Alvord and Knox.)						
Knox, Levi J., Nowata, Ind. Ter. Topping attachment for harvesters.....	815,437	Mar. 20	2951	612-13	121	751
Knox, Luther L., assignor of one-half to M. Murray and H. E. Weiskopf, Pittsburg, Pa. Water-cooled door-frame for furnaces.....	824,184	June 26	3861	824	122	2734
Knox, Luther L., assignor of one-half to M. Murray and H. E. Weiskopf, Pittsburg, Pa. Water-cooled furnace-door.....	830,237	Sept. 4	679	136	124	171
Knox, Orville M., Oneida, N. Y. Culinary vessel.....	818,099	Apr. 17	3082	665	121	2144
Knox, Samuel L. G., Milwaukee, assignor to Bucyrus Company, South Milwaukee, Wis. Traversing mechanism.....	811,230	Jan. 30	5329	1113	120	1317
Knox, Samuel L. G., Milwaukee, assignor to Bucyrus Company, South Milwaukee, Wis. Lower tumbler for dredges and the like.....	826,514	July 17	3722	772	123	978
Knox, Samuel L. G., Milwaukee, assignor to Bucyrus Company, South Milwaukee, Wis. Unloading-plov.....	837,688	Dec. 4	824	186-7	125	1559

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Knox, Samuel L. G., Milwaukee, and W. Ferris, South Milwaukee, Wis. Dredging and conveying apparatus	825,545	July 10	1774	373-4	123	475
Knox, Samuel L. G., Milwaukee, and W. Ferris, assignors to Bucyrus Company, South Milwaukee, Wis. Hoisting apparatus	808,990	Jan. 2	735	159	120	162
Knox, Samuel L. G., Milwaukee, and W. Ferris, assignors to Bucyrus Company, South Milwaukee, Wis. Railway pile-driver and the like	816,584	Apr. 3	58	14	121	1368
Knox, Samuel L. G., Milwaukee, and W. E. Magie, assignors to Bucyrus Company, South Milwaukee, Wis. Fair-lead for hoisting-cables	823,414	June 12	2376	500-1	122	2293
Knudsen, Karsten, Chicago, Ill. Electrical controller for electric vehicles	818,768	Apr. 24	4458	956	121	2496
Knudson, Adolphus A., New York, assignor of one-half to F. H. Clark, Brooklyn, N. Y. Insulating attachment for electric fixtures	812,797	Feb. 13	2549	560	120	2085
Knudson, Charles E., Everest, Kans. Hen's nest	828,751	Aug. 14	2122	448-9	123	2227
Knudsvig, Knud H., Buxton, N. D. Belt-guide	811,302	Jan. 30	5468	1140	120	1347
Knupp, Jacob C., and J. G. Greene, Warren, Pa. Sand-reel	810,490	Jan. 23	3858	793	120	964
Knuppenburg, Ulysses G. (See Weichsel and Knuppenburg.)						
Knuftgen, Gerhard, Oaktree, N. J. Egg-tester	834,813	Oct. 30	5853	1241	124	2827
Kny, Richard, Brooklyn, N. Y. Knife	813,009	Feb. 20	2972	655	120	2223
Kober, Fritz, Suhl, Germany. Pliers for bending metal pipe	813,356	Sept. 18	2930	621	124	791
Koblenzer, Martin, Vienna, Austria-Hungary, assignor to Weisbach Light Company, Gloucester City, N. J. Incandescent gas-mantle	818,032	Apr. 17	2965	640	121	2121
Kobler, Jasper F., Niagara Falls, N. Y. Capsule-filling machine	828,611	Aug. 14	1839	388	123	2157
Kobler-Stauder, Victor, Rohrschach, assignor to Firm of A. Saurer, Arbon, Switzerland. Embroidering-machine	828,612	Aug. 14	1843	388-9	123	2158
Kobler, Victor, Rohrschach, assignor to Firm of A. Saurer, Arbon, Weitegasse, Switzerland. Embroidering-machine	824,725	July 3	55	10	123	18
Koblieck, Vinzenz, Salmthal, Austria-Hungary. Tachometer or speed-indicator	812,937	Feb. 20	2833	625	120	2194
Kobusch, Frederick J., St. Louis, Mo. Heating-drum	836,447	Nov. 20	3089	655	125	860
Koch, Alfred S., Lancaster, Pa. Cigar-bunching machine	817,254	Apr. 10	1402	296-7	121	1729
Koch, Alfred S., Lancaster, Pa. Calipers	820,796	May 15	3573	764	122	915
Koch, Ernst, Herne, Germany. Regulating and security device for reversible engines	831,081	Sept. 18	2399	503-4	124	664
Koch, Frederick C. (See Manns and Koch.)						
Koch, Gustav, New York, N. Y. Dusting-brush	815,593	Mar. 20	3222	678	121	809
Koch, Henry, Nyack, N. Y. Test-indicator	825,911	July 17	2510	522	123	669
Koch, James W., Reynolds, Pa. Nut-lock	812,429	Feb. 13	1842	404	120	1941
Koch, Rudolph C., New York, N. Y. Pliers	819,439	May 1	817	175-6	122	184
Koch, Walter E., Pittsburg, Pa. Treating molten matte	808,849	Jan. 2	436	96	120	97
Koch, William E., Duval, Ohio. Corn-harvester	823,880	June 19	3297	700	122	2555
Koch, Wm., et al. (See Latimer, Samuel A., assignor.)						
Kochmann, Carl, and J. Kaufmann, Berlin, Germany. Rendering materials or articles resistant to water and chemicals	813,218	Feb. 20	3398		120	2314
Kock, Louis te. (See Steiner and Rein, assignors.)						
Kodama, Nobuyoshi H., and A. I. Gancher, assignors to Automatic Adding Machine Company, New York, N. Y. Adding-machine	816,342	Mar. 27	4802	1017-18	121	1201
Koerber, German, Harburg, near Hamburg, Germany. Oil-press	818,265	Apr. 17	3429	736-7	121	2220
Koehel, Frederick, New York, N. Y. Spraying apparatus	838,193	Dec. 11	1849	396	125	1860
Koehler, Alwin F., Joplin, Mo. Mortar and concrete mixing machine	820,580	May 15	3162	681	122	826
Koehler, Casper, Canyon City, Oreg. Hay-stacker	813,719	Feb. 27	4387	968	120	2587
Koehler, Charles, Toledo, Ohio. Hat-display rack	810,421	Jan. 23	3721	767	120	930
Koehler, Charles J. (See Carr, John A., assignor.)						
Koehler, Henry B., and C. L. Betz, Rochester, Pa. Glass-press	815,180	Mar. 13	2379	496	121	576
Koehler, Henry L., Deer Park, Ky. Adjustable curved type and cylinder	811,727	Feb. 6	358	79	120	1565
Koehler, Henry L., Deer Park, Ky. Interchangeable curved type and plate	811,776	Feb. 6	450	97	120	1584
Koehler, Joseph. (See Byl, George N., assignor.)						
Koehler, Otto. (See Lacroix, Fred, assignor.)						
Koehler, Raymond A., Jasper, Ind. Pencil attachment	833,744	Oct. 23	3493	745	124	2194
Koehler, William, Cleveland, Ohio. Reduction of ores	824,663	June 26	4824	1029	122	2939
Koehn, Olga. (See Griesser, Wilhelm, assignor.)						
Koelkebeck, Carl W. A., Cleveland, Ohio. Valve	822,846	June 5	1218	251	122	1994
Koelkebeck, Carl W. A., Cleveland, Ohio. Hot-blast stove	829,717	Aug. 28	4159	880	123	2813
Koelkebeck, Carl W. A., East Cleveland, Ohio. Bell-gear for blast-furnaces	829,718	Aug. 28	4161	881	123	2813
Koeller, Henry, et al. (See Lange, Fred, assignor.)						
Koemm, Frederick J., Boston, Mass. Garment-fastener	837,307	Dec. 4	65	17	125	1370
Koenig, Carl J. (See Forsyth, James D., assignor.)						
Koenig, Charles A., and J. A. Vallee, San Francisco, Cal. Combination child's bed and chair	824,488	June 26	4485	950	122	2865
Koenig, Fritz, Tübingen, Germany. Advertising-lantern	825,663	July 10	2058	429	123	549
Koenig, Joseph, assignor to Aluminum Manufacturing Company, Two Rivers, Wis. Making combs	827,733	Aug. 7	75	15	123	1688
Koenig, Robert, New York, N. Y., assignor to Phenix Tube Company, Jersey City, N. J. Machine for rolling tubes	819,143	May 1	208	43-4	122	52
Koeniges, Martin. (See Myer and Koeniges.)						
Koepfer, Charles C. (See Kelley, Wilbur S., assignor.)						
Koepnick, Charles A., assignor to F. J. McCormick, Dayton, Ohio. Relief-valve for automatic spraying-machines	832,261	Oct. 2	497	93	124	1333
Koepnick, Charles A., assignor to F. J. McCormick, Dayton, Ohio. Spraying-nozzle	836,931	Nov. 27	4086	872	125	1141
Koepf & Co., Rudolph. (See Weise, Rieche, and Barth, assignors.)						
Koepf, John F., Parnassus, assignor of one-half to F. W. Zillmer, New Kensington, Pa. Line-holder	836,193	Nov. 20	2568	542	125	733
Koester, Carl D., Oshkosh, Wis. Corner-fastening	836,585	Nov. 20	3332	711	125	919
Koester, Frederick T. (See Janssen and Koester.)						
Koester, Henry, assignor to Crane Company, Chicago, Ill. Tapping-machine	813,559	Feb. 27	4092	897-8	120	2525
Koetitz, Frederick A., San Francisco, Cal. Fittings for concrete casings	825,604	July 10	1891	400	123	503
Kofoed, Johan, Christiania, Norway. Duplex steam-pump	830,723	Sept. 11	1707	352	124	461
Kohlbach, Curt, Leipsic, Germany. Bronzing apparatus	820,721	May 15	3419	731	122	880
Kohlbraker, Francis H., Nanticoke, assignor of one-half to M. Williams, Philadelphia, Pa. Automatic stop for hoists	824,549	June 26	4610	978-9	122	2892
Kohlbreuner, Peter, assignor to C. C. Bradley, Syracuse, N. Y. Machine for forming hollow split bushings	816,237	Mar. 27	4564	971-2	121	1151
Kohler & Campbell. (See Kohler, Charles, assignor.)						
Kohler, Charles, assignor to Kohler & Campbell, New York, N. Y. Lid-support for piano-cases	836,689	Nov. 27	3579	763	125	1014
Köhler, Curt, Altenburg, Germany. Nutritive preparation	814,968	Mar. 13	1919		121	475
Kohler, David S., Pittsburg, Pa. Bolt-retaining device	821,297	May 22	4633	988	122	1208
Kohler, Elias, assignor to H. Hohner, New York, N. Y. Harmonica	837,076	Nov. 27	4382	928	125	1214
Köhler, Emil, and K. Petzold, Chemnitz, Germany; said Petzold assignor to said Köhler. Calipers	832,203	Oct. 2	372	69	124	1303

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
Kohler, Franklin W., <i>et al.</i> (See Armstrong and Dresser, assignors.)						
Kohler, Franklin W., <i>et al.</i> (See Dresser, Charles A., assignor.)						
Kohler, G. A. Edward, <i>et al.</i> (See Armstrong and Dresser, assignors.)						
Kohler, G. A. Edward, <i>et al.</i> (See Dresser, Charles A., assignor.)						
Kohler, Guy W., Freeland, Pa. Thill-coupling	837,626	Dec. 4	693	159-60	125	1527
Kohler, Henry A., Chicago, Ill. Wheel for roller-skates	827,451	July 31	5671	1176	123	1493
Kohlmeier, George, College Point, N. Y. Revolving pen and pencil case	827,539	July 31	5912	1225	123	1551
Kohn, Edward, New York, N. Y. Cigar and cigarette holder and ash-receiver	838,424	Dec. 11	2300	497	125	1969
Kohn, Koby, New York, N. Y., assignor of one-half to L. A. Ksensky, Denver, Colo. Telephone apparatus	828,218	Aug. 7	1034	217-18	123	1924
Kohn, Monroe, Chicago, Ill. Fortune-telling device	830,081	Sept. 4	350	70	124	85
Kohn, Morris, New York, N. Y. Coin collecting and carrying device	810,655	Jan. 23	4185	865	120	1035
Kohn, Sigmund, assignor of one-half to H. Brooks, New York, N. Y. Soldering-tool	835,794	Nov. 13	1797	381	125	498
Kohn, Simon, assignor of one-fourth to G. Pollak, Vienna, Austria-Hungary. Manufacturing fiber material from animal tendons or sinews	827,102	July 31	4924	1028	123	1306
Köhne, Albert J. (See Whitcomb, Daniel F., assignor.)						
Köhne, Robert D., Toledo, Ohio. Combination step and extension ladder	825,061	July 3	745	156	123	199
Kokotovic, Domobran B., Warasdin, Austria-Hungary. Foresight for firearms	834,143	Oct. 23	4512	958	124	2445
Kolb, Adam, <i>et al.</i> (See Momburg, Henry L., assignor.)						
Kolb, George, <i>et al.</i> (See Momburg, Henry L., assignor.)						
Kolb, Henry M., Philadelphia, Pa. Electric igniter	825,664	July 10	2060	429	123	549
Kolb, Henry M., and C. Foehl, Philadelphia, Pa. Firearm	818,177	Apr. 17	3256	698	121	2184
Kolb, Henry M., and C. Foehl, Philadelphia, Pa. Firearm	826,788	July 24	4278	890	123	1135
Kolb, Otto, Karlsruhe, Germany. Apparatus for condensing steam	837,308	Dec. 4	65	17	125	1370
Kolb, Otto, Karlsruhe, Germany. Labyrinthian tightening device	837,850	Dec. 4	1127	252	125	1634
Kolbassieff, Eugene, St. Petersburg, Russia. Ventilator for ships, boats, &c	824,726	July 3	56	10	123	18
Kolbeck, Dora S., Grand Island, Nebr. Plaiter	828,486	Aug. 14	1607	339	123	2097
Kolby, Nicolaus, assignor to H. Detmer, Chicago, Ill. Harp	812,209	Feb. 13	1407	306	120	1846
Kolich, Peter J., Oakland, Cal. Water heating and circulating apparatus	833,467	Oct. 16	2949	626	124	2020
Kolla, John P., Akron, Ohio. Fire-pot for furnaces and stoves	835,686	Nov. 13	1595	340	125	445
Kolle, Dalltor W., Portland, Oreg. Fastener for eyeglasses	833,531	Oct. 16	3072	652	124	2048
Koller, Hugo, Vienna, Austria-Hungary, and P. Askenasy, Nuremberg, Germany. Producing circulation in electrolytic processes	809,116	Jan. 2	988	204	120	218
Koller, John J., <i>et al.</i> (See Horazdovsky, Joseph G., assignor.)						
Koller, Max, Winterthur, Switzerland. Watch-stand	835,762	Nov. 13	1737	370	125	480
Koller and Smith. (See Buckwalter, Joseph R., assignor.)						
Kollie, Louis C., and F. V. Cushman, Cleveland, Ohio. Coin-tray	838,121	Dec. 11	1690	364	125	1819
Kollmar, Robert, Newark, N. J. Jewelry-catch	808,760	Jan. 2	273	59	120	62
Komarek, Franz X., Vienna, Austria-Hungary. Steam-boiler	825,062	July 3	746	156	123	200
Kominek, Joseph W., Cedar Rapids, Iowa. Extension brace-bar	835,359	Nov. 6	969	206	125	245
Komorowski, Ludwik, New York, N. Y. Wardrobe	814,457	Mar. 6	925	190	121	201
Kondo, Rokusaburo, Tokyo, Japan. Smelting of sulfid ores	836,586	Nov. 20	3332	711	125	919
Köneman, William A., Chicago, Ill. Recovering rubber from rubber waste	823,053	June 12	1645	122	122	2136
Köneman, William A., Chicago, Ill. Treating vulcanized-rubber waste	823,054	June 12	1648	122	122	2136
Köneman, William A., Chicago, Ill. Washing and disintegrating apparatus	826,174	July 17	3020	627	123	800
Köneman, William A., Chicago, Ill. Recovering rubber from rubber-waste	834,623	Oct. 30	5472	124	124	2731
Kones, Peter, Castlewood, S. D. Wrench	810,657	Jan. 23	4188	865	120	1036
König, Albert, assignor to Firm of C. Zeiss, Jena, Germany. Angle-measuring instrument	811,777	Feb. 6	451	98	120	1584
König, Albert, assignor to Firm of C. Zeiss, Jena, Germany. Coincidence-telemeter	830,668	Sept. 11	1580	326	124	424
König, Albert, assignor to Firm of C. Zeiss, Jena, Germany. Telescopic sight for ordnance	835,625	Nov. 13	1491	318	125	421
König, Rudolf, Gelsenkirchen, Germany. Titration apparatus	813,977	Feb. 27	4890	1082	120	2694
König, Simon S., assignor to S. Kassel, Vienna, Austria-Hungary. Wafer-capsule machine	819,144	May 1	210	44	122	53
Königswarter, Julius von, Hanover, Germany. Vessel for packing and storing washing-powders containing alkaline peroxids	818,695	Apr. 24	4299	922	121	2460
Könitzer, Franz, Zittau, Germany. Dyeing wool black	830,082	Sept. 4	351	124	124	85
Konkle, Alfred M., and J. C. Anderson, Cordova, Ala. Nut-lock	828,487	Aug. 14	1609	340	123	2097
Konold, George F., Aspinwall, assignor to Iron City Tool Works, Limited, Pittsburg, Pa. Die for making mattocks and similar tools	826,789	July 24	4281	890	123	1136
Konstruktionsbüro Zwickau Seyboth, Baumann u. Co. (See Seyboth and Baumann, assignors.)						
Koons, John H., Delphos, Ohio. Cupola	820,210	May 8	2413	523	122	600
Koons, John H., Anderson, Ind. Heating apparatus	835,954	Nov. 13	2089	446	125	564
Koons, John R., Huntington Mills, Pa. Outside dry-earth closet	811,412	Jan. 30	5670	1188	120	1389
Koons, Joseph K., Montgomery, Pa. Bolt-machine	811,411	Jan. 30	5664	1187-8	120	1388
Koons, Joseph K., Montgomery, Pa. Gearing	831,879	Sept. 25	4014	835-6	124	1108
Koons, Robert P., Lees Summit, Mo. Trousers-presser	820,878	May 15	3741	798	122	952
Koonse, Amos, assignor of one-half to S. Koonse and F. O. Bodamer, Franklin, Pa. Car-brake	838,549	Dec. 18	2545	550	125	2072
Koonse, Samuel, <i>et al.</i> (See Koonse, Amos, assignor.)						
Koontz, George M., Vanatta, Ohio. Fence-post	830,599	Sept. 11	1425	296	124	381
Koontz, George W. (See Ramey, Francis A., assignor.)						
Koontz, Frederick W., assignor to J. W. Douglass, trustee, Philadelphia, Pa. Apparatus for treating and roasting waste materials	813,385	Feb. 20	3722	818	120	2382
Koorie, Hanna, Paterson, N. J. Clothes-line pulley	809,815	Jan. 9	2411	500	120	563
Koorie, Hanna, Paterson, N. J. Clothes-line pulley	826,727	July 24	4169	866	123	1106
Kootz, Albert, and C. F. Fisher, Parkersburg, W. Va. Boring tool and arbor	817,377	Apr. 10	1640	347	121	1779
Kootz, Albert, and E. E. Schirmer, assignors of one-third to H. C. Jackson, Parkersburg, W. Va. Nut-lock	819,288	May 1	513	108	122	119
Kootz, Albert, and E. E. Schirmer, assignors of one-third to H. C. Jackson, Parkersburg, W. Va. Nut-locking device	819,289	May 1	514	108	122	119
Kootz, William, and W. Erdmann, Milwaukee, Wis. Fly-net	839,603	Dec. 25	4605	983	125	2622
Kope, Earnest, Ferndale, Wash. Pan attachment	839,158	Dec. 25	3725	804	125	2408
Kopf, Charles, Newark, N. J. Handle	821,648	May 29	5347	1139	122	1422
Kopf, Charlie J., Paducah, Ky. Railway-tie	828,219	Aug. 7	1040	218	123	1924
Köpke, Ernst, Honolulu, Hawaii. Poi-machine	809,571	Jan. 9	1946	403-4	120	460
Koppel, Leo, Cologne, Germany. Stapling-machine	822,527	June 5	583	117	122	1855
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Gas-furnace or coke-oven	818,033	Apr. 17	2966	640-1	121	2121
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Coke-oven	818,266	Apr. 17	3431	737-8	121	2220
Koppersud, Anders H., Byron, Cal. Vehicle-wheel	830,083	Sept. 4	352	70	124	85
Kops, Daniel, New York, N. Y. Apparel-corset	813,805	Feb. 27	4548	1005-6	120	2622
Kops, Daniel, New York, N. Y. Apparel-corset	824,486	June 26	4486	951	122	2865
Kops, Daniel, New York, N. Y. Apparel-corset	824,490	June 26	4488	951	122	2866
Kops, Daniel, New York, N. Y. Apparel-corset	832,390	Oct. 2	742	145	124	1391
Kops, Paul J. D., Wake, Va. Rotary engine	834,478	Oct. 30	5178	1100	124	2656
Kops, Paul J. D., Wake, Va. Rotary engine	834,528	Oct. 30	5269	1119-20	124	2651

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Korb, Frederick W., assignor to United States Dental Manufacturing Company, Cleveland, Ohio. Hypodermic syringe.	827,693	July 31	6244	1296	123	1640
Korfhage, Wellington S., <i>et al.</i> (See McCleary, Alexander, assignor.)						
Kormil, Alexander, and F. Radloff, Goldendale, Wash. Fork-scraper.	818,100	Apr. 17	3083	665	121	2145
Korn, George W., Little Valley, N. Y. Razor.	815,355	Mar. 20	2761	575	121	708
Korndörfer, Georg. (See Stolz and Korndörfer.)						
Korns, Clarence C., Johnstown, Pa., assignor to Lorain Steel Company. Machine for forming sand cores.	812,852	Feb. 20	2660	583	120	2154
Korns, Clarence C., Johnstown, Pa., assignor to Lorain Steel Company. Spring-switch.	826,433	July 17	3506	729-30	123	917
Koroknay, Julius v., Raab, Austria-Hungary. Universal joint.	817,922	Apr. 17	2739	594	121	2071
Korper, Leo A. (See Taft, George A., assignor.)						
Körting, Ernst. (See Schutte and Körting.)						
Körting, Ernst, Mariendorf, near Berlin, assignor to Dessauer Vertical-Ofen Gesellschaft m. b. H., Berlin, Germany. Retort-charging apparatus.	815,438	Mar. 20	2953	613	121	751
Körting, Ernst G. B., Mariendorf, near Berlin, Germany. Retort-heating apparatus.	825,912	July 17	2512	523	123	669
Kortz, Conrad J. (See West and Kortz.)						
Kosboth, Paul, Zeulenroda, Germany. Gluing-machine.	834,066	Oct. 23	4334	921	124	2398
Kosmatka, John F., Milwaukee, Wis. Garment-supporter.	831,445	Sept. 18	3094	655	124	833
Koss, Louis, Indianapolis, Ind. Veneer-cutter.	817,754	Apr. 17	2457	524	121	2007
Kost, Victor, Chicago, Ill. Gas heating device.	822,374	June 5	287	59	122	1788
Kostalek, Josef, Prague, Austria-Hungary. Vacuum-pan.	832,677	Oct. 9	1328	268	124	1572
Kostalek, Josef, Prague, Austria-Hungary. Parallel filter.	832,678	Oct. 9	1330	268-9	124	1573
Koster, Martin. (See Beyer, William E., assignor.)						
Kosztovits, Ognieslaw (Ignaz), Klein Ribatzkoe, near St. Petersburg, Russia. Apparatus for manufacturing casks.	830,084	Sept. 4	353	71	124	86
Kothen, William von, Dalton Station, Ill. Valve.	827,195	July 31	5148	1068	123	1366
Kother, Richard, Cunewalde, Germany, assignor of one-half to C. E. W. Gaddum, Montford, Cheshire, England. Electrode for use in the manufacture of bleaching liquor.	832,983	Oct. 9	1937	405	124	1717
Kottas, Joseph L., Renfrow, Okla. Ter. Hoof trimmer and cleaner.	817,717	Apr. 10	2278	491	121	1912
Kouns, Moses W., Washington Court-House, assignor to Ohio Manufacturing Company, Upper Sandusky, Ohio. Traction-engine.	809,189	Jan. 2	1115	232-3	120	246
Kouns, Moses W., Washington Court-House, assignor to Ohio Manufacturing Company, Upper Sandusky, Ohio. Motor-car.	830,600	Sept. 11	1426	296	124	381
Kouns, Wesley, assignor of one-half to F. H. Quincy, Salina, Kans. Carbureter for hydrocarbon-engines.	812,753	Feb. 13	2465	541	120	2066
Kountz, Albert G., Mount Oliver, Pa. Attachment for telephones.	825,134	July 3	884	186	123	233
Kountz, Albert G., Pittsburg, Pa. Lid-lifting device.	826,257	July 17	3179	659	123	836
Kovačević Janko, Allegheny, Pa. Telescopic elevator.	815,594	Mar. 20	3223	678	121	809
Kovács, Alexander, assignor of one-half to A. M. Barothy, Chicago, Ill. Pipe-cutter.	812,210	Feb. 13	1409	306-7	120	1847
Kovács, Emerich. (See Székely and Kovács.)						
Kovaes, Joseph, Newark, N. J. Eyeglasses and spectacles.	809,702	Jan. 9	2209	457	120	518
Kovaes, Joseph, Newark, N. J. Eyeglasses.	821,649	May 29	5348	1140	122	1423
Kowarsch, Arthur, Chicago, Ill. Apparatus for sterilizing bottled carbonated liquid.	832,581	Oct. 2	1117	224-5	124	1483
Koyer, Arthur S. (See Stalker, Daniel B., assignor.)						
Kozora, Julius, Brooklyn, N. Y. Dumping-bucket.	834,305	Oct. 30	4850	1025	124	2574
Kraai, Evert, Holly, Colo. Subsoil-plow.	822,847	June 5	1219	252	122	1994
Kraemer, George J., London, England, and E. Ellés, Geneva, Switzerland. Table.	809,703	Jan. 9	2210	458	120	518
Kraemer, Henry, Nazareth, Pa. Singeing-machine.	816,018	Mar. 27	4126	874-5	121	1056
Kraetzer, Edwin J., Somerville, assignor of three-sixteenths to F. F. Raymond, 2d, Newton, Mass. Buckle.	815,538	Mar. 20	3132	655	121	790
Kraft, John, Jemeppe-sur-Meuse, near Liege, Belgium. Starting and maneuvering apparatus for turbine-steamers.	824,727	July 3	57	11	123	18
Kraft, Oliver D., and L. W. Fetzer, Findlay, Ohio. Well-pulling machine.	809,190	Jan. 2	1118	233	120	247
Krag, Erik L., Chicago, Ill., assignor to Krag Imperial Cabinet Company. Cabinet.	810,544	Jan. 23	3974	818	120	989
Krag, Erik L., Chicago, Ill., assignor to Krag Imperial Cabinet Company. Metallic cabinet.	810,545	Jan. 23	3975	819	120	989
Krag Imperial Cabinet Company. (See Krag, Erik L., assignor.)						
Krag, Nils A., and G. A. Hansen, Christiania, Norway. Postmarking or canceling machine.	829,657	Aug. 28	4025	852-3	123	2783
Krahmer, George, Butler, N. J. Knockdown shelving.	827,540	July 31	5913	1225	123	1551
Krahn, Abraham, Langdon, N. D. Draft-equalizer.	813,502	Feb. 27	3969	871	120	2497
Krainik, Stephen, Manitowoc, Wis. Mop-wringer.	815,539	Mar. 20	3135	655	121	790
Krais, Paul, Ilkley, assignor to Bradford Dyers' Association, Limited, Bradford, England. Finishing textile goods.	834,913	Nov. 6	75		125	22
Krajkowski, Ignatz W., Philadelphia, Pa. Lock.	835,440	Nov. 6	1136	245-6	125	286
Krakau, Harry T., assignor to National Malleable Castings Company, Cleveland, Ohio. Car-coupling.	834,814	Oct. 30	5855	1241	124	2827
Krakau, Harry T., Cleveland, Ohio, and L. A. Conner, Jr., Pittsburg, Pa., assignors to National Malleable Castings Company, Cleveland, Ohio. Frictional draft-rigging.	815,023	Mar. 13	2054	430	121	502
Krakauer, Joseph, New York, N. Y. Ice-pitcher.	817,123	Apr. 3	1130	234	121	1611
Kralund, John, New York, N. Y. Rule attachment.	811,070	Jan. 30	4993	1042	120	1245
Kralund, John, Brooklyn, N. Y., assignor to J. A. Eden, Sr. Rule attachment.	839,604	Dec. 25	4607	983	125	2622
Kram, John B., Allegheny, Pa. Curtain-pole.	825,665	July 10	2060	430	123	549
Kramer, Allington H., Monte Vista, Colo. Machine for digging beets.	813,978	Feb. 27	4891	1082	120	2694
Kramer, Allington H., Monte Vista, Colo. Rail-joint.	820,308	May 8	2609	568	122	644
Kramer, Andrew A., Kansas City, Mo. Dipping-tank.	821,809	May 29	5680	1210	122	1498
Kramer, Arthur R., and O. P. Britt, Uniontown, Pa. Self-lubricating trolley-wheel.	810,157	Jan. 16	3117	644	120	766
Kramer, Christian, New York, N. Y. Fire-escape.	814,458	Mar. 6	927	191	121	202
Kramer, Erwin, Berlin, Germany. Inverted incandescent gas-burner.	814,459	Mar. 6	929	191	121	202
Kramer, Erwin, Berlin, Germany. Electromagnetic brake.	814,910	Mar. 13	1803	378	121	451
Kramer, Erwin, Berlin, Germany. Air-pressure brake.	828,939	Aug. 21	2499	529	123	2355
Kramer, Frank L. (See Kramer, Louis and F. L.)						
Krämer, Friedrich, assignor to Firm of H. Wilke, Grüne, near Iserlohn, Germany. Hook for chains.	813,386	Feb. 20	3725	819	120	2383
Kramer, George H. (See Flagg, Aivernis G., assignor.)						
Kramer, John B., Lancaster, Ohio. Aerodrome.	827,157	July 31	5059	1054	123	1342
Kramer, Louis, Evansville, Ind., and F. L. Kramer, East Orange, N. J.; said Louis Kramer assignor to New York Dimensions Supply Company, New York, N. Y. Water-closet seat.	828,125	Aug. 7	872	179	123	1886
Kramer, Peter R., and G. E. Wilson, Stillwater, Minn. Band-cutter and feeder.	811,932	Feb. 6	794	174-6	120	1651
Kramer, Samuel R., assignor to Kramer Web Manufacturing Company, Philadelphia, Pa. Bronzing attachment for printing-presses.	829,074	Aug. 21	2773	583	123	2425
Kramer, Walter A., Muncy, Pa. Grinding-mill.	829,792	Aug. 28	4322	913-14	123	2855
Kramer Web Manufacturing Company. (See Kramer, Samuel R., assignor.)						
Krämer, Wilhelm, Gelsenkirchen, Germany. Brake for railway-cars.	830,156	Sept. 4	506	103	124	127
Kramer, William G., Spivey, Kans. Shade-roller bracket.	826,107	July 17	2909	604	123	773

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr-g.	Vol.	Page.
Krampf, Bonifazius, Brooklyn, N. Y. Glazier's point.	832,797	Oct. 9	1576	324	124	1631
Krampitz, Robert A. W., Valdez, Alaska. Cooking utensil.	823,415	June 12	2379	501	122	2294
Krandt, Hermann, Berlin, Germany. Blotter or blotting-pad.	817,073	Apr. 3	1035	215	121	1588
Krantz, Hubert. (See Swallow, Joseph G., assignor.)						
Krantz, Hubert, Brooklyn, N. Y. Electrical connection for switchboards.	820,211	May 8	2414	524	122	600
Kranz, Thomas, Steindorf, assignor to F. Rettenberger and J. Sigl, Starnberg, Germany. Appliance for preventing wind-sucking in horses and cattle.	829,343	Aug. 21	3352	705	123	2570
Kranz, William G., Sharon, Pa., assignor to National Malleable Castings Company, Cleveland, Ohio. Furnace-charging apparatus.	810,286	Jan. 16	3396	702	120	824
Krasky, Henry G., Berkeley, Cal. Graining-machine.	839,395	Dec. 25	4185	896	125	2520
Krasmer, Frank M., Philadelphia, Pa. Dumping-wagon.	830,724	Sept. 11	1709	352	124	461
Kratsch, William H., and C. G. Dauber, Oshkosh, Wis. Shingle-machine.	817,177	Apr. 10	1244	257-8	121	1696
Kratz, J. L., et al. (See Barth, Albert, assignor.)						
Krausch, Walter T., La Grange, Ill. Coal unloading, breaking, and loading apparatus.	814,710	Mar. 13	1439	301-2	121	374
Krause, Albert F., assignor of one-half to C. C. Ladd, Buifalo, N. Y. Automatic boiler-tube cleaner.	834,306	Oct. 30	4852	1025	124	2574
Krause, Alfred. (See Schröder, Adolph, assignor.)						
Krause, Arthur E., Jersey City, N. J. Filter.	839,772	Dec. 25	4958	1059	125	2700
Krause, William T., assignor of two-thirds to D. R. Steele and H. D. Harvey, Baltimore, Md. Casting mechanism.	815,181	Mar. 13	2381	496-7	121	577
Krauss, Hans G., Altoona, Pa. Green-malt-turning machine.	819,145	May 1	212	45	122	53
Krauss, Jacob, Lexington, Ky. Storm-curtain for vehicles.	826,671	July 24	4066	842	123	1082
Krausz, Frank, North Braddock, Pa. Switch-throwing device.	837,689	Dec. 4	826	187	125	1559
Krauth, Albert, Hamilton, Ohio. Autographic register.	824,185	June 26	3863	824	122	2735
Krauth, Albert, Hamilton, Ohio. Autographic register.	839,299	Dec. 25	4002	859	125	2474
Krautzberger, Albert, Friedland, Germany. Spraying apparatus.	814,218	Mar. 6	422	87	121	91
Kreag, George B., assignor to Monroe Novelty Company, Rochester, N. Y. Dauber.	824,366	June 26	4226	901	122	2810
Krebs, Arthur, assignor to Société Anonyme des Anciens Etablissements Panhard et Levassor, Paris, France. System of locking.	822,057	May 29	6142	1309	122	1600
Krebs, Charles E., et al. (See De France, Murry A., assignor.)						
Krebs, Edward, Albany, N. Y. Tire-shoe.	814,143	Mar. 6	279	56	121	61
Krebs, Henry J., Wilmington, Del. Treating scrap-brass.	830,601	Sept. 11	1428	297	124	382
Krebs, Henry J., Wilmington, Del. Treating scrap-brass.	831,010	Sept. 11	2216	468	124	585
Kreil, Franz L., Glauchau, Germany. Numerator for sawing-machines.	813,099	Feb. 20	3148	689	120	2268
Kreiling, George, Chicago, Ill. Press for printing upon metal.	810,950	Jan. 30	4781	995	120	1198
Kreiner, Robert A., Burnside, Mich. Milk-strainer.	837,232	Nov. 27	4674	992	125	1256
Kreinherder, William H. (See Steinbrenner and Mayer, assignors.)						
Kreis, Gustavus A. (See Nye, George E., assignor.)						
Kreith, Bela, Budapest, Austria-Hungary. Draft-harness for cavalry and other horses.	832,391	Oct. 2	746	145	124	1392
Kreiziger, Joseph, assignor of one-half to T. J. Solon, Superior, Wis. Fifth-wheel.	810,546	Jan. 23	3976	819	120	990
Krell, Albert. (See Welin, Peter, assignor.)						
Krellwitz, Diedrich W., Toronto, Ontario, Canada. Structure-heating device.	838,550	Dec. 18	2547	551	125	2073
Kremenok, John, Racine, Wis. Air-ship.	826,038	July 17	2760	571	123	737
Kremenz, George, Newark, N. J. Cuff-button.	834,815	Oct. 30	5856	1241	124	2828
Kremer, Christoph, Berlin, Germany. Apparatus for the recovery of fats and the like from waste waters.	823,688	June 19	2943	622	122	2477
Kremer, Cristoph, assignor to Gesellschaft Für Abwasserklärung mit beschränkter Haftung, Berlin, Germany. Apparatus for separation of solid matters from sewage, &c.	839,396	Dec. 25	4186	897	125	2520
Krengel, Ernest E., and W. G. McLennan, Nezperce, Idaho. Cold-axe setter.	820,503	May 15	3010	647	122	791
Krentler-Arnold Hinge Last Company. (See Arnold, William B., assignor.)						
Kreps, Charles, Chicago, Ill. Mail-transferring device.	808,932	Jan. 2	609	133	120	134
Kress, Willits A., Arkansas City, Kans. Device for swinging hammocks.	820,212	May 8	2415	524	122	600
Kressler, John H., Bethlehem, Pa. Wheel-tire.	826,338	July 17	3333	689	123	875
Kretschmer, Charles. (See Jürgens, Johann, assignor.)						
Kretzinger, George W. (See Wilson, David H., assignor.)						
Kretzschmar, Gustav, Baltimore, Md. Attachment for linotype-machines.	828,323	Aug. 14	1284	271-2	123	2013
Kreusler, Hans, Wilmersdorf, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Alloy for bearings.	831,357	Sept. 18	2931	.....	124	792
Kreutz, Frank K., San Francisco, Cal. Filter.	821,173	May 22	4392	935	122	1156
Kreutzkamp, Barbara, administratrix. (See Kreutzkamp, Henry C. G.)						
Kreutzkamp, Henry C. G., deceased, New York, N. Y.; B. Kreutzkamp, administratrix. Oven.	818,832	Apr. 24	4584	983	121	2523
Kreutzkamp, Louis, Newark, N. J. Micrometer.	821,721	May 29	5504	1172	122	1456
Kreuzberger, Bartlet, Meriden, Conn. Hat or garment holder.	816,238	Mar. 27	4566	972	121	1151
Kreuzberger, Bartlet, Meriden, Conn. Boltless rail connection.	825,135	July 3	885	187	123	234
Kribs, Seraphin, Brooklyn, assignor to H. M. Brookfield, New York, N. Y. Press for making glass insulators or similar glass articles.	835,245	Nov. 6	741	154-6	125	188
Krichbaum, William F., assignor to Foster Engineering Co., Newark, N. J. Relief-valve.	833,062	Oct. 9	2090	440	124	1756
Kricke, Herman A., Crows Landing, Cal. Windmill-regulator.	838,425	Dec. 11	2301	498	125	1969
Kridelbaugh, John O. (See Wignall and Kridelbaugh.)						
Kridelbaugh, Lonie M., Hiteam, Iowa. Churn.	814,548	Mar. 6	1102	229	121	239
Kriebel, Hosea K., Philadelphia, Pa. Furnace for burning comminuted material.	820,931	May 15	3883	828	122	983
Kriebel, Hosea K., Philadelphia, Pa. Furnace for burning comminuted material.	820,932	May 15	3885	828	122	983
Krieger, Gustave, Brooklyn, N. Y. Life-preserver.	824,664	June 26	4826	1029	122	2943
Krieger, Gustave, New York, N. Y. Ankle-corset.	832,613	Oct. 9	1207	243	124	1544
Krieger, Louis, Paris, France. Means for mounting gear-wheels.	826,944	July 24	4579	953	123	1209
Kriegbaum, Hiram C., South Bend, Ind., assignor to E. Tyden, Hastings, Mich. Attachment for extension-tables.	815,100	Mar. 13	2199	463	121	533
Kries, Gustavus A. (See Nye, George E., assignor.)						
Krimmelbein, Leopold, Baltimore, Md., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Feed-control valve device for fluid-pressure brakes.	820,650	May 15	3271	703	122	848
Krippendorf-Dittmann Company. (See Lautenschlager, William F., assignor.)						
Krischke, Joseph, Jr. (See Latimer, Samuel A., assignor.)						
Kristofek, Frank J., assignor to Meek Company, Coshocton, Ohio. Pin.	816,728	Apr. 3	349	80	121	1437
Kritsch, Charles E., Washington, D. C. Joint for artificial limbs.	817,785	Apr. 17	2459	524	121	2008
Kroeber, Thilo, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Disazo dye and making same.	823,793	June 19	3136	.....	122	2518
Kroeber, Thilo, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo dye and making same.	835,539	Nov. 13	1320	.....	125	377
Kroeber, Thilo, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo dye and making same. (Reissue.)	12,555	Nov. 13	2293	.....	125	615
Kroeber, Thilo, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Blue azo dye and making same. (Reissue.)	12,556	Nov. 13	2294	.....	125	616
Kroeber, Thilo, and C. Jagerspacher, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dye and making same. (Reissue.)	12,557	Nov. 13	2295	.....	125	616
Krofft, Marshall, Meredith, N. Y. Animal-trap.	823,126	June 12	1812	373	122	2170

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Krogh, Carl A. (See Krogh, Ferdinand W. and C. A.)						
Krogh, Ferdinand W., San Francisco, Cal. Centrifugal pump.	815,540	Mar. 20	3136	656	121	790
Krogh, Ferdinand W. and C. A., San Francisco, Cal. Centrifugal pump.	815,439	Mar. 20	2954	613-14	121	752
Krogh Manufacturing Co. (See Price, Gomer W., assignor.)						
Krohn, Emil H. F., Hamburg, Germany. Lock.	811,511	Jan. 30	5837	1222	120	1423
Krohn, John O. E., Barberton, Ohio, assignor of forty one-hundredths to I. C. Kleppe, Chicago, Ill. Rotary gas-engine.	839,300	Dec. 25	4005	860	125	2475
Krohn, Sigvald, Berlin, Germany, assignor to General Electric Company. System of motor control.	822,282	June 5	111	23	122	1752
Kroll, Robert C., St. Louis, Mo. Etching-machine.	834,144	Oct. 23	4514	958-9	124	2446
Kroll, Rudolph, Spearfish, S. D. Refrigerator.	821,650	May 29	5349	1140	122	1423
Krom, Stephen R., Plainfield, N. J. Pulverizing-mill.	823,127	June 12	1814	373-4	122	2170
Kromayer, Ernst, Berlin, Germany. Therapeutic apparatus.	834,209	Oct. 23	4638	984	124	2476
Kron, Georg, Malmö, Sweden. Apparatus for binding in the toes of footwear.	810,773	Jan. 23	4400	912-13	120	1083
Kronauer, Max, Paterson, N. J. Lock-bar pipe.	822,004	May 29	6042	1288	122	1578
Kronheim, Wolf, assignor to Welt-Kandaren-Fabrik Sixt & Company, Hamburg, Germany. Horse-bit.	834,236	Oct. 23	4698	995	124	2490
Kronholz, Erich. (See Schmidt and Kronholz.)						
Kronier, Jean. (See Miller and Kronier.)						
Kronquest, France E., Loomis, Nebr. Churn.	816,166	Mar. 27	4437	939	121	1123
Kronquest, France E., Loomis, Nebr. Windmill-regulator.	816,167	Mar. 27	4438	939-40	121	1124
Kronstein, Abraham, Karlsruhe, Germany. Hardening and solidifying oils and unsaturated organic compounds.	826,860	July 24	4422		123	1169
Kronstein, Abraham, Karlsruhe, Germany. Treating wood-oil with oxidizing agents.	833,063	Oct. 9	2092		124	1757
Krottnaurer, Paul O., Chicago, Ill. Rotary kiln.	827,158	July 31	5060		123	1343
Krotz, Alvaro S., Springfield, Ohio. Controller for electric motors.	828,555	Aug. 14	1747	367	123	2132
Kruckewitt, John, Pittsburg, Pa. Coffee-boiler.	820,504	May 15	3011	647-8	122	791
Krueger, Amandus M., Belleville, Tex. Musical instrument.	814,460	Mar. 6	933	191	121	203
Krueger, Caroline, Buffalo, N. Y. Water-bottle.	812,049	Feb. 6	1040	226	120	1700
Krueger, Rudolph H., Spencer, S. D. Hoisting apparatus.	828,891	Aug. 21	2410	512	123	2331
Kruesi, August H., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.	815,440	Mar. 20	2956	614	121	752
Krug, Frank. (See Weir, James J., assignor.)	809,816	Jan. 9	2411	500	120	563
Kruger, Anton, Allegheny, Pa. Invalid bed, cot, and table.	815,715	Mar. 20	3487	729	121	868
Krüger, Johannes, Stettin, Germany. Machine for cutting up or mitring flanged metal beams or girders.	818,453	Apr. 24	3793	815	121	2352
Krunscheid, Peter, Boston, Mass. Piano-action, mechanical player.	818,630	Apr. 24	4170	897	121	2432
Krupp Aktiengesellschaft, Fried. (See Abendroth, Louis, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Erdmenger, Victor, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Gardin, Theodor, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Haase, Albert, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Hartwig, Rudolf, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Hermsdorf, Max, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Lauber, Otto, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Lauber and Stock, assignors.)						
Krupp Aktiengesellschaft, Fried. (See Lauber and Thiele, assignors.)						
Krupp Aktiengesellschaft, Fried. (See Mayer, Wilhelm, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Mothes, Georg, assignor.)						
Krupp Aktiengesellschaft, Fried. (See Vollmer and Herbaczowski, assignors.)						
Krupp Aktiengesellschaft, Fried. (See Wieser, Karl, assignor.)						
Krupp Aktiengesellschaft Grusonwerk, Fried. (See Lehmann, Hermann, assignor.)						
Krupp, Fried. (See Mothes, Georg, assignor.)						
Krus, Andrew, Chicago, Ill. Lathe-dog.	818,454	Apr. 24	3796	815	121	2352
Kruse, Alfred T., assignor to American Steel Package Company, Defiance, Ohio. Sheet-metal keg.	819,768	May 8	1461	312	122	387
Kruse, Alfred T., assignor to American Steel Package Company, Defiance, Ohio. Sheet-metal can.	838,122	Dec. 11	1692	364	125	1820
Kruse, Alfred T., assignor to American Steel Package Company, Defiance, Ohio, and H. H. Willock, Pittsburg, Pa. Metallic barrel.	829,477	Aug. 28	3655	772	123	2692
Kruse, Edward W., and L. Boyd, Higginsville, Mo. Attachment for lawn-rakes.	834,914	Nov. 6	76	15	125	22
Kruse, Herman, Campbell, Minn. Clevis.	821,511	May 22	5073	1080	122	1306
Kruse, Peter. (See Eldridge and Kruse.)						
Kruse, Peter, assignor of one-third to Astoria Iron Works, Astoria, Oreg. Can-vent-soldering machine.	832,327	Oct. 2	623	119-20	124	1362
Kruse, Peter, assignor of one-third to Astoria Iron Works, Astoria, Oreg. Can-vent-hole-soldering machine.	832,328	Oct. 2	626	120	124	1363
Kruyswijk, Jacob, Ryswijk, near The Hague, Netherlands. Transmission and distribution of electric power.	823,055	June 12	1649	340-3	122	2136
Ksensky, Louis A. (See Kohn, Koby, assignor.)						
Kube, Rudolph, New York, N. Y. Metal packing.	833,932	Oct. 23	3930	833-4	124	2305
Kuchenbecker, Adolf, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Yellow azo dye.	839,605	Dec. 25	4608		125	2622
Kuchenbecker, Lewis, assignor of one-half to H. Blumer, Waltham, Minn. Vehicle-seat.	838,426	Dec. 11	2303	498	125	1969
Kuchler, George W. (See Nienstadt, August E., assignor.)						
Kuckuck, Ernst B. B., Charlottenburg, Germany. Tie-preserving cylinder-car.	808,761	Jan. 2	274	59	120	63
Kudrie, Jaroslav. (See Svoboda and Kudrie.)						
Kudrie, Freda B., assignor to Warner Brothers Co., Bridgeport, Conn. Bustle.	838,722	Dec. 18	2866	617	125	2151
Kuehnle, George J. (See Closterman and Kuehnle.)						
Kuess, Madeleine, Tunis, Tunis. Soap and making the same.	830,332	Sept. 4	865		124	215
Kuess, Victor J., Tunis, Tunis. Artificial fuel and making the same.	830,333	Sept. 4	867		124	216
Kugel, John, Chicago, Ill. Protective attachment for infants' high chairs.	811,933	Feb. 6	798	176	120	1651
Kugel, Max, Wiesdorf, near Cologne, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Yellow anthracene dye.	808,762	Jan. 2	276		120	63
Kugelmann, Bernhard, Bad Kissingen, Germany. Automatic telephonic installation.	814,219	Mar. 6	424	87	121	92
Kuhlewind, Cornelius, assignor of one-half to F. Wuesthoff, Pittsburg, Pa. Apparatus for manufacturing glass articles.	829,530	Aug. 28	3773	801	123	2720
Kuhn, A. J., et al. (See Stawart, John, assignor.)						
Kuhn, Edmond, East Orange, N. J. Game apparatus.	818,895	Apr. 24	4691	1006-7	121	2545
Kuhn, Edward C., Cincinnati, Ohio. Detachable handle for umbrellas, &c.	829,719	Aug. 28	4163	881	123	2814
Kuhn, Jacob, Iola, Kans. Milk-pail support.	827,734	Aug. 7	75	15	123	1689
Kuhn, Robert B., Canton, Ohio. Spark-igniting plug.	820,797	May 15	3574	764	122	916
Kuhn, Sarah E., Washington, D. C. Game-board.	815,960	Mar. 27	4007	848	121	1028
Kühne, Paul, New York, N. Y. Corner-head.	830,792	Sept. 11	1828	380	124	491
Kulenkampff, Robert, Brooklyn, N. Y. Brush.	818,696	Apr. 24	4300	922	121	2460

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kulhawik, John, Grand Rapids, Mich. Pantaloons-creaser	817,718	Apr. 10	2279	491-2	121	1912
Kull, Bertha, Allegheny, Pa. Corset	825,666	July 10	2061	430	123	550
Küller, Max, Charlottenburg, Germany. Mold	830,725	Sept. 11	1710	352-3	124	462
Kummer, Jacob H., Uhrichsville, Ohio. Display-rack	819,230	May 1	394	83	122	93
Kummerow, Adolph, assignor to Aluminum Manufacturing Company, Two Rivers, Wis. Decorative process	813,720	Feb. 27	4389	968	120	2588
Kummerow, Ferdinand C., Chicago, Ill. Rotary motor	830,334	Sept. 4	869	178	124	216
Kumpf, William, New York, N. Y. Mouse-trap	831,557	Sept. 25	3329	698	124	929
Kun, Michael, Budapest, assignor to L. & G. Halphen, Prague, Austria-Hungary. Adding-machine	817,786	Apr. 17	2460	525-7	121	2008
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	815,101	Mar. 13	2201	463-4	121	534
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	815,595	Mar. 20	3224	678-9	121	810
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	816,585	Apr. 3	62	15	121	1369
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	816,919	Apr. 3	739	152	121	1522
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	817,923	Apr. 17	2740	595	121	2071
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	817,924	Apr. 17	2745	595-6	121	2073
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	820,505	May 15	3015	648-9	122	792
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling-machine	824,695	June 26	4895	1041	122	2952
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	827,735	Aug. 7	76	15	123	1689
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling-machine	828,556	Aug. 14	1749	367-8	123	2133
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling-machine	829,531	Aug. 28	3776	802	123	2721
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	833,227	Oct. 16	2446	512	124	1894
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	833,840	Oct. 23	3720	792	124	2250
Kündig-Honegger, Arnold, Zurich, Switzerland. Ventilating-fan	836,932	Nov. 27	4087	872-3	125	1141
Kundtz, Theodor, Lakewood, Ohio. Cabinet-work for sewing-machine tables	837,627	Dec. 4	694	160	125	1527
Kundtz, Theodor, Lakewood, and A. Eiben, Cleveland, Ohio; said Eiben assignor to said Kundtz. Cabinet-work for sewing-machine tables	809,960	Jan. 16	2708	558	120	679
Kundtz, Theodor, and J. J. Gedeon, Cleveland, Ohio; said Gedeon assignor to said Kundtz. Machine-bearing cabinet	825,546	July 10	1777	375	123	476
Kunert, Otto, Breslau, Germany. Water-circulating device	831,515	Sept. 18	3224	681	124	868
Kunkel, Fred R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rheostat	829,970	Sept. 4	93	16	124	22
Kunkel, Fred R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fan-motor adapter	832,912	Oct. 9	1809	374	124	1687
Kunkel, Friedrich L., Milwaukee, Wis. Bed-spring	832,913	Oct. 9	1810	374	124	1687
Kunst, John, et al. (See Landau, Dewis, assignor.)	814,220	Mar. 6	428	88	121	92
Künz, Constantin, Vienna, Austria-Hungary. Automatic discharge for washing apparatus	812,211	Feb. 13	1412	307	120	1848
Kunz, Emil, Chicago, Ill. Heat-insulator	822,848	June 5	1220	252	122	1994
Kunz, Jean, Cronberg in the Taunus, Germany. Hand-lever with locking device	814,301	Mar. 6	589	123-4	121	127
Kunzer, Albert C. (See Grier, Monroe, assignor.)						
Kunzer, Louis G. (See Lewis and Kunzer.)						
Kunzler, Nicholas A., Braddock, Pa. Window-lock	812,050	Feb. 6	1041	227	120	1701
Kupper, William, Cleveland, Ohio. Concrete block	833,721	Oct. 16	3452	737	124	2136
Kupsch, Hermann, assignor to A. F. Johnson, Chicago, Ill. Closet flush-valve	837,077	Nov. 27	4383	929	125	1214
Kurella, Rudolph, Brooklyn, N. Y. Check attachment for pulleys and chocks	822,058	May 29	6144	1309-10	122	1601
Kurpees, James F., and W. L. Craft, Louisville, Ky. Swinging chair	831,167	Sept. 18	2555	539	124	697
Kurkiewicz, Henryk, St. Petersburg, Russia. Machine for filling tobacco into paper tubes	836,769	Nov. 27	3737	796-8	125	1055
Kurrell, Theodor, St. Louis, Mo. Dispensing device	825,136	July 3	887	187	123	234
Kürsteiner, Curtiss W. (See Hale and Kürsteiner.)						
Kurtz, Albert B., Connellsville, Pa. Hose-supporter	811,413	Jan. 30	5672	1188	120	1390
Kurtz, Levi C., Beaver Falls, Pa. Saw	830,335	Sept. 4	871	179	124	217
Kurtz, Samuel E., Odebolt, Iowa, assignor, by mesne assignments, to International Motor Plow Company, Chicago, Ill. Motor-plow. (Reissue)	12,575	Dec. 11	2469	536	125	2010
Kurzwehnart, Adalbert, Zuckmantel, near Teplitz, Austria-Hungary. Siemens regenerative furnace	809,067	Jan. 2	871	185	120	193
Kusche, Ernst, Breslau, Germany. Garment-fastening	836,263	Nov. 20	2717	578	125	772
Kuss, John, Chicago, Ill. Spring-mattress	826,861	July 24	4424	921	123	1169
Kussner, Margaret. (See Chigor, Amalie von, assignor.)						
Kuster, Charles A., Rutherford, N. J., assignor to J. A. Weser, New York, N. Y. Mechanical musical instrument	817,856	Apr. 17	2594	559-61	121	2038
Küster, Julius, Dortmund, Germany. Paper-clip	817,574	Apr. 10	2043	450	121	1861
Kuter, Reuben E., Hincley, Ill. Mucilage-bottle	835,955	Nov. 13	2090	446	125	565
Kutscher, William S. (See McCoy and Kutscher.)						
Kuttowait Butter Cutter Company. (See Carter, Edwin K., assignor.)						
Kutz, Charles, Louisville, Ohio. Bridge	820,798	May 15	3575	764	122	916
Kützer, Adolf W., Stünz, near Leipsic, Germany. Rope-grip for suspended rope railways	821,174	May 22	4394	935	122	1157
Kuzmier, Xenophon, New York, N. Y. Cement facing-slab	833,532	Oct. 16	3073	652	124	2048
Kyle, David M., assignor of one-half to T. D. Kyle, Chicago, Ill. Bottle-washing apparatus	837,309	Dec. 4	66	18	125	1370
Kyle, David M., assignor of one-half to T. D. Kyle, Chicago, Ill. Bottle-washing machine	837,310	Dec. 4	68	18-19	125	1371
Kyle, Henry J., Tipton, Ind. Motor-plow	809,704	Jan. 9	2212	458-9	120	518
Kyle, James G., Riverside, Cal. Orange-clipper	836,388	Nov. 20	2955	626	125	828
Kyle, John. (See Bumpus and Kyle.)						
Kyle, John, Newark, N. J., assignor to Challenge Machinery Company, Chicago, Ill. Printer's block	823,416	June 12	2380	501	122	2294
Kyle, Joseph W., and J. W. Hicks, assignors of one-third to G. G. Bennett, Chicago, Ill. Double-acting explosive-engine	809,451	Jan. 9	1714	353-4	120	409

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kyle, Thomas D. (See Kyle, David M., assignor.)						
Kyle, Webster C., Jeddo, Ala. Cotton-chopper.	837,851	Dec. 4	1129	252	125	1635
Kyllonen, Erik, Enterprise, N. D. Threshing-machine.	810,774	Jan. 23	4403	913	120	1084
Kynett, Athos C., and E. D. Toops, Indianapolis, Ind. Machine for making artificial-stone blocks.	830,726	Sept. 11	1711	353-4	124	462
Kyser, Clara, and S. McGowan, assignors to Crawford-McGregor & Canby Company, Dayton, Ohio. Printing-ribbon shifter for workmen time-clocks.	831,790	Sept. 25	3806	797	124	1057
L. Wolf Manufacturing Company. (See Hoelscher and Clifford, assignors.)						
L. A. Thompson Scenic Railway Company. (See Sands, Walter E., assignor.)						
L. A. Thompson Scenic Railway Company. (See Thompson, La Marcus A., assignor.)						
L. C. Chase & Company. (See Kinder, Arthur H., assignor.)						
L. C. Smith & Bros. Typewriter Company. (See Gabrielson, Carl, assignor.)						
L. C. Smith & Bros. Typewriter Company. (See Peterson, Frans A., assignor.)						
L. E. Knott Apparatus Company <i>et al.</i> (See Wynne, Philip H., assignor.)						
L. E. Waterman Company. (See Ferris, William I., assignor.)						
L. S. Starrett Co. (See Baltzer and Starrett, assignors.)						
L. S. Starrett Co. (See Starrett, Laroy S., assignor.)						
L. S. Starrett Company. (See Starrett and Adell, assignors.)						
L. Hommedieu, Arthur W., assignor to C. F. L'Hommedieu, Chicago, Ill. Electroplating apparatus.	809,309	Jan. 9	1410	286	120	345
L'Hommedieu, Charles F. (See L'Hommedieu, Arthur W., assignor.)						
L'Huillier, Henri, Paris, France. Apparatus for dyeing.	820,654	May 15	3282	705	122	849
La Bare, Frank. (See Howe, La Bare, and Pierce.)						
La Bare, Frank, assignor to Owatonna Manufacturing Co., Owatonna, Minn. Churn	819,290	May 1	516	108	122	119
La Bare, Frank, assignor to Owatonna Manufacturing Co., Owatonna, Minn. Seeder and drill.	827,694	July 31	6245	1296-7	123	1641
La Bare, Frank, and T. J. Howe, assignors to Owatonna Manufacturing Co., Owatonna, Minn. Combined churn and butter-worker.	822,674	June 5	892	182	122	1926
La Barr, Leslie M., Forest City, Pa. Steam-heating apparatus.	836,770	Nov. 27	3743	799	125	1057
La Bauve, Odolon J., Edna, Tex. Crate.	818,697	Apr. 24	4302	922-3	121	2461
La Compagnie de Laiterie St. Laurent. (See Rivard, Hubert N., assignor.)						
La Cos, Joseph, Schenectady, N. Y., assignor to General Electric Company. Circuit-breaker.	819,559	May 1	1026	225	122	231
La Croix, Edward W., <i>et al.</i> (See Robertson, David N., assignor.)						
La Croix, William, <i>et al.</i> (See Robertson, David N., assignor.)						
La Crosse Can Company. (See Morse, Arthur A., assignor.)						
La Crosse Plow Company. (See Bixby, Charles W., assignor.)						
La Crosse Plow Company. (See Freeman, Percy F., assignor.)						
La Duke, Edward J., and I. G. O'Harra, Seattle, Wash. Combination-tool.	809,191	Jan. 2	1121	233	120	247
La Flame, Joseph. (See Makee, Albert H., assignor.)						
La Francis, Anthony, Newark, N. J. Drill holder and gage.	811,414	Jan. 30	5673	1189	120	1390
La Grange, William J., Rensselaer, N. Y. Fence-stay.	835,956	Nov. 13	2091	447	125	565
La Londe, Moses, Indian Orchard, assignor of three-fourths to J. W. Superneaw and E. Patenaude, Springfield, Mass. Door check and stop.	820,581	May 15	3163	681	122	826
La Marche, Arthur, West Hoboken, N. J., and A. Hedbavny, New York, N. Y. Unhairing-machine.	818,971	Apr. 24	4837	1040	121	2578
La May, Arthur C., Rochester, assignor to D. C. Giles, Elmira, N. Y. Cheese-cutter.	821,175	May 22	4395	935-6	122	1137
La Munyon, Herbert W., and F. P. Gee, Dumont, Colo. Door-check.	822,742	June 5	1028	210	122	1954
La Pierre, Mederick T., Mount Vernon, N. Y. Trick-ball.	819,894	May 8	1713	368	122	448
La Riviere, Joseph, <i>et al.</i> (See Cross and Peterson, assignors.)						
La Roche, Fredrick A., and M. C. Rypinski, New York, N. Y. Electrical measuring instrument.	819,071	May 1	72	17	122	20
La Rochefoucauld, François M. G. de, and M. J. Meland, Paris, France. Automatic feed for steam-boilers.	836,511	Nov. 20	3192	676	125	887
La Rose, Eugene E., New Bedford, Mass. Ball-bearing pulley-block.	817,074	Apr. 3	1036	215	121	1588
La Société Anonyme du Grimson. (See Sechiari, Parascheva, assignor.)						
La Société Civile d'Études de l'Indéchirable Grimson. (See Sechiari, Parascheva, assignor.)						
La Société des Établissements Malicet et Blin. (See Blin, Eugène, assignor.)						
La Société "L'Art Industriel." (See Bittner, Hugo, assignor.)						
La Société Savy Jeanjean et Cie. (See Blanc, Auguste, assignor.)						
La Sor, William A., Rahway, N. J., and C. M. Smith, New York, N. Y. Paper-slitting device for folding-machines. (Reissue.)	12,456	Feb. 20	3751	823-4	120	2389
La Tour, William N., <i>et al.</i> (See Thompson, John M., assignor.)						
Laas, Edward. (See Sponenburg, Hiram H., assignor.)						
Laas, Edward. (See Sponenburg, Hiram H., assignor.) (Reissue.)						
Labachotte, Bernard G., Portersville, Cal. Cattle-stock.	836,264	Nov. 20	2717	579	125	772
Labarre, George, New Orleans, La. Loose-leaf binder.	820,799	May 15	3576	765	122	916
Labarre, George, New Orleans, La. Loose-leaf binder.	831,011	Sept. 11	2217	468	124	586
Labarre, George, New Orleans, La. Loose-leaf binder.	837,078	Nov. 27	4385	929	125	1215
Labhardt, Hans. (See Reinking, Dehmel, and Labhardt.)						
Labrecque, Napoleon. (See Leith, James, assignor.)						
Labunski, Donat A., Chicago, Ill. Center-marking device.	837,690	Dec. 4	828	187	125	1560
Lach, Stefan, Allegheny, Pa. Rotary engine.	834,675	Oct. 30	5569	1182	124	2756
Lachman, Laurence S., New York, N. Y. Hub.	811,303	Jan. 30	5469	1140	120	1347
Lachman, Laurence S., New York, N. Y. Electric welding.	828,033	Aug. 7	690	143	123	1842
Lachman, Maurice. (See Fischer, William C., assignor.)						
Lacke, William A., Chicago, Ill. Motor-controller.	833,228	Oct. 16	2450	512-13	124	1896
Lackey, George A., Mount Vernon, N. Y., assignor to Warren Featherbone Company, Three Oaks, Mich. Girdle. (See Schirra, Julius, assignor.)	822,283	June 5	114	23	122	1753
Lackner, Frank, trustee. (See Schirra, Julius, assignor.)						
Lacon, Charles S. (See Pennepacker and Lacon.)						
Lacroix, Fred, assignor of one-half to O. Koehler, San Antonio, Tex. Electrical signal system.	814,302	Mar. 6	591	124	121	127
Lacroix, Fred, assignor of one-half to O. Koehler, San Antonio, Tex. Electrical signal system.	814,303	Mar. 6	593	124	121	128
Lacroix, Joseph. (See Cunniff and Lacroix.)						
Ladd, Charles C. (See Krause, Albert F., assignor.)						
Ladd, Charles E. (See White, Louis L., assignor.)						
Ladd, Frank E., Springfield, Mass. Clip.	814,851	Mar. 13	1708	357	121	431
Ladd, J. A. (See Chisholm, Walter P., assignor.)						
Ladd, James B. (See Trump and Ladd.)						
Ladd, James B., Wayne, Pa. Speed-varying mechanism.	813,651	Feb. 27	4259	935-6	120	2560
Ladd Metals Company. (See Adams and Powell, assignors.)						
Ladd, Sebie A., Duane, N. Y. Pad for horses.	820,800	May 15	3578	765	122	916
Ladd, William C., Mendota, Ill. Check-loop.	808,850	Jan. 2	437	96	120	97

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lade, Robert R., Cleveland, Ohio. Recuperator.	817,326	Apr. 10	1542	324	121	1756
Ladew, Edward R. (See Grimm, Paul H., assignor.)						
Ladley, George W., et al. (See Marsh, Howard E., assignor.)						
Ladshaw, George E., Spartanburg, S. C. Dam	828,752	Aug. 14	2124	449	123	2282
Ladwig, Charles F. (See Hof and Ladwig.)						
Lady, Worthington M., et al. (See Chamberlain, Theron T., assignor.)						
Laeufer, Jacob, Lima, Ohio. Artificial wood or substitute material.	818,833	Apr. 24	4585		121	2523
Lafave, Joseph, Calumet, Mich. Life preserving or saving system.	839,486	Dec. 25	4379	936	125	2566
Lafever, Minard, Battlecreek, Mich., and W. Gregory, Minneapolis, Minn. Traction-wheel	809,266	Jan. 2	1312	267	120	289
Lafamme, Louis. (See Cadorette and Lafamme.)						
Lafleur, Barthélemy, Elkmouth, British Columbia, Canada. Straight-edge for circular saws.	838,551	Dec. 18	2548	551	125	2073
Lafon, Nathaniel, Red Jacket, W. Va. Range-rod.	839,005	Dec. 18	3377	729	125	2273
Laforet, Jean, Etoile, France, assignor to A. B. Strange, New York, N. Y. Shuttle-brake. (Reissue)	12,428	Jan. 2	1333	271	120	293
Laforet, Jean, Etoile, France, assignor to A. B. Strange, Paterson, N. J. Shuttle-check for looms	818,034	Apr. 17	2968	641	121	2122
Laganke, Charles F., Cleveland, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Combined recording and calculating machine.	820,881	May 15	3777	805-6	122	960
Laganke, Charles F., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Combined type-writing and calculating machine.	820,882	May 15	3782	806-7	122	961
Laganke, Charles F., and J. A. Smith, Cleveland, Ohio, assignors to Elliott-Fisher Company, New York, N. Y. Combined calculating and type-writing machine.	820,879	May 15	3742	799-802	122	952
Laganke, Charles F., and J. A. Smith, Cleveland, Ohio, assignors to Elliott-Fisher Company, New York, N. Y. Calculating-machine.	820,880	May 15	3766	802-4	122	957
Laganke, Charles F., and J. A. Smith, Cleveland, Ohio, assignors to Elliott-Fisher Company, New York, N. Y. Computing mechanism for type-writing machines.	825,469	July 10	1597	332-4	123	434
Laganke, Charles F., and J. A. Smith, Cleveland, Ohio, assignors to Elliott-Fisher Company, New York, N. Y. Calculating-machine.	829,971	Sept. 4	95	16-18	124	22
Lagasse, Arthur J., Philadelphia, Pa. Support for jacquard-cards.	824,491	June 26	4491	951	122	2867
Lagergren, John E., New York, N. Y. Trolley-pole	811,153	Jan. 30	5166	1079	120	1281
Lagerholm, Frithiof, Brooklyn, N. Y. Pencil-sharpener	822,375	June 5	290	59	122	1789
Lagonda Manufacturing Co. (See Rayner, Edwin B., assignor.)						
Lagonda Manufacturing Company. (See Mettler, Eugene, assignor.)						
Lagonda Manufacturing Company. (See Weinland, Henry F., assignor.)						
Lahaye, Josef, Aix-la-Chapelle, Germany. Adjustable drop-feed lubricator.	819,440	May 1	819	176	122	184
Lahr, Henry B., assignor of one-half to Bowling Ball Company, New York, N. Y. Bowling-alley.	822,959	June 12	1447	302	122	2090
Laible, Philip D., Newark, N. J. Bottle-washing machine.	816,920	Apr. 3	741	152-3	121	1523
Laidig, Clinton J., St. Louis, Mo. Folding chicken-coop	816,103	Mar. 27	4309	912	121	1096
Laidlaw, John, and J. W. Macfarlane, Glasgow, Scotland. Friction-clutch.	832,984	Oct. 9	1938	405	124	1718
Laird, Henry R., Millersburg, Ky. Scaffold	826,582	July 24	3893	807	123	1034
Laird, John A. (See Nordensson, Carl O., assignor.)						
Laird, Wesley E., assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Electrical measuring instrument.	820,978	May 22	4012	852	122	1073
Laird, Wesley E., assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Signaling system.	835,441	Nov. 6	1138	246	125	286
Laird, William H. (See Tropp, Bernhard, assignor.)						
Laist, Frederick. (See Thomson and Laist.)						
Laitner, Samuel C., Detroit, Mich. Sealed magazine for stoves.	815,716	Mar. 20	3488	729-30	121	869
Lake, Albert, Washington, D. C. Mold for artificial stone.	819,769	May 8	1462		122	387
Lake Erie Boiler Compound Company. (See Schwingel and Turner, assignors.)						
Lake, Frank A., Springfield, Ohio, assignor to International Harvester Company. Hay-baler power	837,691	Dec. 4	829	188	125	1560
Lake, Golladay, Memphis, Tenn. Churn.	830,336	Sept. 4	872	179	124	217
Lake, Richard, Jackson, Miss., assignor of one-half to H. H. Canaday, Montpelier, Ohio. Wire-fence tie.	825,398	July 10	1432	299	123	390
Lake Shore Novelty Company. (See Praschl, Stephan, assignor.)						
Lake, Simon, Bridgeport, Conn., and E. L. Hubbard, Washington, D. C. Sighting instrument.	834,985	Nov. 6	207	45-6	125	54
Lake, William H., Memphis, Tenn. Wheel-fender.	828,892	Aug. 21	2411	513	123	2331
Lakin, Charles, Melrose, assignor of one-half to Boston Rubber Shoe Company, Boston, Mass. Machine for varnishing rubber shoes.	826,258	July 17	3180	659-60	123	836
Lakin, Wilber F., trustee. (See Brown, Edward R., assignor.)						
Lally, John, Waltham, Mass. Combined column cap and base.	816,480	Mar. 27	5086	1079	121	1261
Lally, John, Waltham, Mass. Rod and pipe cutting machine.	826,434	July 17	3507	730	123	918
Lally, John E., Frankfort, Kans. Horse-elever.	810,287	Jan. 16	3937	703	120	825
Lally, John T., Wilmington, Del. Horse-coupling.	831,358	Sept. 18	2932	622	124	792
Lally, Michael, North Lawrence, Ohio. Writer's hand-support.	839,159	Dec. 25	3726	804	125	2409
Lalus, James F., Pittsburg, Pa. Curtain-pole.	838,867	Dec. 18	3140	677	125	2218
Lamacchia, Otto, Bridgeport, Conn. Safety-catch.	813,436	Feb. 27	3845	842	120	2468
Lamar, George H., et al. (See Patten, James S., assignor.)						
Lamb, Amherst G., assignor to Excelsior Needle Co., Torrington, Conn. Flush-butthinge.	824,367	June 26	4226	901	122	2811
Lamb, Amherst G., assignor to Excelsior Needle Company, Torrington, Conn. Chain-stitch looper for lock-stitch sewing-machines.	827,641	July 31	6111	1270	123	1604
Lamb, Amherst G., assignor to Excelsior Needle Company, Torrington, Conn. Chain-stitch looper for lock-stitch sewing-machines.	827,642	July 31	6115	1270	123	1605
Lamb, Amherst G., assignor to Excelsior Needle Company, Torrington, Conn. Tuck-marker.	830,507	Sept. 11	1231	256	124	332
Lamb, Amherst G., assignor to Excelsior Needle Company, Torrington, Conn. Ruffler.	830,508	Sept. 11	1236	257	124	333
Lamb, Amherst G., assignor to Excelsior Needle Company, Torrington, Conn. Tuck-marker.	830,509	Sept. 11	1242	257	124	335
Lamb, Edwin, Youngstown, Ohio. Hub-cap.	825,913	July 17	2515	524	123	670
Lamb, Eugene B., Portland, Me. Papering-board and bucket-holding attachment therefor.	835,826	Nov. 13	1865	394	125	514
Lamb, Frank H., Hoquiam, Wash. Undercutter-support.	830,238	Sept. 4	680	136	124	171
Lamb, George B., assignor to Waterbury Farrel Foundry and Machinery Company, Waterbury, Conn. Press.	814,054	Mar. 6	106	20-1	121	24
Lamb, James D. (See Tuttle, Hosmer, assignor.)						
Lamb, Virgil, Cincinnati, Ohio. Making half-tone enlargements.	820,053	May 8	2100	458	122	531
Lamb, Walter, St. John's, Newfoundland. Fish preservation.	816,343	Mar. 27	4806		121	1202
Lamb, Walter, St. John's, Newfoundland. Preserving fish.	827,452	July 31	5672		123	1493
Lamb, William R., Bowie, Tex. Seed-cotton-cleaning machine.	832,262	Oct. 2	499	94	124	1334
Lambert, Asher. (See Delaney and Lambert.)						
Lambert, Asher, Newark, N. J. Automatic holdfast for electric-hoister drums.	808,763	Jan. 2	276	60	120	63

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Lambert, Asher, Newark, N. J. Portable hoister	823,417	June 12	2381	502	122	2294
Lambert, Asher, Newark, N. J. Friction thrust for loose drums	827,921	Aug. 7	437	92-3	123	1778
Lambert, Asher, Newark, N. J. Friction-drum oil-guard	827,922	Aug. 7	441	93	123	1779
Lambert, Clayton A., assignor to Baldwin Company, Cincinnati, Ohio. Piano-action	820,506	May 15	3018	649	122	793
Lambert, Frank. (See Luce and Lambert.)						
Lambert, Frank, New York, N. Y. Fluid-meter	825,399	July 10	1433	299	123	390
Lambert, Gustaf, Charlottenburg, Germany. Telephone system for central stations	813,560	Feb. 27	4095	898	120	2526
Lambert, Gustaf P., Charlottenburg, Germany. Telephone system with centrally-arranged microphone-battery	824,251	June 26	4008	858	122	2765
Lambert, Harrison J., <i>et al.</i> (See Biggs, James, assignor.)						
Lambert, James T. (See Rousseau and Lambert.)						
Lambert, John W., and C. M. Fuller, assignors to Buckeye Manufacturing Company, Anderson, Ind. Motor-vehicle frame	837,477	Dec. 4	399	91	125	1455
Lambert, Peter, Uxbridge, Mass. Beehive	839,487	Dec. 25	4380	936	125	2566
Lambert, Richard T., Boston, Mass. Game apparatus	834,581	Oct. 30	5370	1140	124	2705
Lambert, Thomas E., Butte, Mont. Ore stamp-mill	828,126	Aug. 7	873	180	123	1886
Lambert, Thomas E., Butte, Mont. Axle and wheel	828,127	Aug. 7	874	180	123	1886
Lambert, William C., <i>et al.</i> (See Loos, Wesley, assignor.)						
Lambert, William T., <i>et al.</i> (See Spies, Peter H. F., assignor.)						
Lamberton, Robert L. (See Cleveland, Erastus L., assignor.)						
Lamberton, Robert L., Sistersville, W. Va. Doubletree	835,284	Nov. 6	816	170	125	207
Lambie, Charles K., Los Angeles, Cal. Concrete-block mold and block	813,721	Feb. 27	4389	968-9	120	2588
Lambing, Isaac P., Denver, Colo. Gold-saving apparatus	818,834	Apr. 24	4587	983	121	2523
Lambling, J. F., <i>et al.</i> (See Clark, Joseph M., assignor.)						
Lamborn, A. J. (See Wright, William A., assignor.)						
Lamdry, John H., Moro, Oreg. Weeder	823,337	June 12	2246	468-9	122	2267
Lamerton, William E. (See Ramaley and Lamerton.)						
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alternating-current motor	811,231	Jan. 30	5330	1113-14	120	1317
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Single-phase alternating-current motor	811,644	Feb. 6	218	46	120	1533
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System for variable-speed operation of alternating-current motors	814,380	Mar. 6	769	155	121	170
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of electrical distribution	819,770	May 8	1464	313	122	387
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Induction-motor	821,044	May 22	4143	880	122	1101
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of applying alternating-current electrical energy	822,376	June 5	292	60	122	1789
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Controlling device	834,582	Oct. 30	5372	1140	124	2705
Lamino, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical machine	838,034	Dec. 11	1502	324	125	1772
Laminert, Ferdinand E., Chicago, Ill. Dash-pot	831,615	Sept. 25	3446	723-4	124	960
Lamond, David, Pittsburg, and D. D. Lamond, Allegheny, Pa. Apparatus for purifying and reheating furnace-gases	833,467	Oct. 16	2951	627	124	2020
Lamond, David D. (See Lamond, David and D. D.)						
Lamont, Hugh A., San Francisco, Cal. Flax-threshing machine	818,101	Apr. 17	3085	666	121	2145
Lamont, Hugh A., Montreal, Canada. Locking device	824,796	July 3	226	41	123	64
Lamora, Selphe J., Danville, Vt. Ladder-round	835,957	Nov. 13	2092	447	125	565
Lamoureux, Edmond, assignor of one-half to J. A. Tousignant, Montreal, Quebec, Canada. Shuttle	838,258	Dec. 11	1992	427	125	1892
Lamoureux, Lottin. (See Lamoureux, Theodore C., assignor.)						
Lamoureux, Theodore C., assignor to L. Lamoureux, Luton, Iowa. Draft-equalizer	815,298	Mar. 13	2598	546	121	626
Lampel, Alois. (See Haas, Gerzabek, and Lampel.)						
Lamphier, Edward A., assignor to W. Shakespeare, Jr., Kalamazoo, Mich. Fishing-rod case or holder	827,736	Aug. 7	78	15-16	123	1689
Lamping, Ida B., Allegheny, Pa. Curtain-fixture	824,427	June 26	4361	928	122	2836
Lamplough, Frederick, Willesden, England. Radiator, steam-condenser, and the like	811,853	Feb. 6	603	131-2	120	1612
Lamprey, Ben B., Westfield, Mass. Furnace-mouth lining for boilers	838,868	Dec. 18	3142	677	125	2219
Lampton, Theodore A. (See Stevens, John J., assignor.)						
Lamson, C. E. B. (See Martin, Arthur H., assignor.)						
Lamson Consolidated Store Service Company. (See Fordyce, Edmond A., assignor.)						
Lamson, Franklin S., assignor to Cosmos Construction Company, Washington, D. C. Air-heating system	809,306	Jan. 9	1400	284-5	120	343
Lamun, John A. (See Anglin, Wallace W., assignor.)						
Lanagan, Henry J., Clinton, Iowa. Reclining-chair	812,051	Feb. 6	1042	227	120	1701
Lanard, Wilbur D., Clementon, N. J. Carbureter	828,940	Aug. 21	2502	530	123	2356
Lancaster, Fennimore C., Waco, Tex. Foot-scraper	828,220	Aug. 7	1041	218	123	1925
Lancaster, Frederick J., New York, N. Y. Vehicle-wheel	817,787	Apr. 17	2465	527	121	2009
Lancaster, Frederick J., New York, N. Y. Vehicle-wheel	833,397	Oct. 16	2796	591-2	124	1984
Lancaster, Frederick J., New York, N. Y. Vehicle-wheel	833,398	Oct. 16	2798	592	124	1985
Lancaster, Frederick J., New York, N. Y. Vehicle-wheel	813,311	Feb. 20	3584	787	120	2353
Lancaster, George W., Petersburg, Va. Railway-crossing	813,921	Apr. 3	744	154	121	1523
Lancaster, John P., Cincinnati, Ohio. Railway-tie and fastener	816,991					
Lancaster, John P., assignor of one-fourth to W. M. Fridman, Cincinnati, Ohio. Railway-tie	809,961	Jan. 16	2712	558	120	680
Lancaster, Samuel C., Jackson, Tenn. Dumping-vehicle	808,991	Jan. 2	738	159-60	120	163
Lancaster, Warren N., Baltimore, Md. Fountain-pen	816,344	Mar. 27	4808	1018	121	1202
Lance, Denis, Paris, France. Wet method of extracting copper, zinc, &c., from their ores	836,587	Nov. 20	3333	711	125	919
Lanchester, Frederick W., Edgbaston, Birmingham, England. Motor-car	809,509	Jan. 9	1827	377	120	436
Lanchaux, George A., and A. Saumur, Indian Orchard, Mass. Clothes-pin	834,210	Oct. 23	4640	984	124	2477
Lanckton, William A., Detroit, Mich. Flush-valve	838,723	Dec. 18	2867	617	125	2151
Land, Edmund, Grand Rapids, Mich. Telephone-exchange system	818,540	Apr. 24	3981	855-6	121	2391
Land, Gordon, Oroville, Cal. Hydropneumatic elevator or injector	830,085	Sept. 4	355	71	124	86
Land, Henry C., Altman, Tex. Wrench	817,327	Apr. 10	1543	324	121	1757
Land, Henry C., Altman, Tex. Wrench	835,071	Nov. 6	401	82	125	105
Land, Henry C., Altman, Tex. Wrench	832,985	Oct. 9	1940	405	124	1718
Landau, Bernhard, Vienna, Austria-Hungary. Cash-paying shovel	816,729	Apr. 3	350	80	121	1437
Landau, Lewis, San Francisco, Cal. Siphon-head	816,985	Apr. 3	886	183	121	1555
Landau, Lewis, San Francisco, Cal. Stand and charging apparatus for siphons	823,282	June 12	2147	448	122	2245
Landau, Lewis, San Francisco, Cal. Head and filler for liquid-receptacles						
Landau, Lewis, assignor to Landau Economic Siphon Company, San Francisco, Cal. Air-relief for liquid-receptacles	835,442	Nov. 6	1141	246	125	287
Landau, Lewis, assignor to Landau Economic Siphon Company, San Francisco, Cal. Controller for liquid-receptacle valves	835,443	Nov. 6	1142	246	125	287
Landau, Lewis, assignor of one-half to J. Kunst and E. McKenna, San Francisco, Cal. Pipe-coupling	813,437	Feb. 27	3846	842	120	2468

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Landau Economic Siphon Company. (See Landau, Dewis, assignor.)						
Landau, John, Jr., New York, N. Y. Car-fender.	812,571	Feb. 13	2130	466-7	120	2001
Landau, John, New York, assignor to F. Fraas and G. C. Miller, Brooklyn, N. Y. Reclining-chair.	822,059	May 29	6145	1310	122	1601
Landeck, H. F. (See Kernin, Gustav, assignor.)						
Landers, Charles W., Genoa, Nebr. Railway-rail.	826,945	July 24	4580	954	123	1209
Landers, Frary and Clark. (See Broadwell, Charles H., assignor.)						
Landers, Frary & Clark. (See Paquette, John B., assignor.)						
Landers, Frary and Clark. (See Smith, Charles F., assignor.)						
Landers, Frary and Clark. (See Walker, George, assignor.)						
Landers, Frary and Clark. (See Warner, Alonzo A., assignor.)						
Landers, John T., Atlanta, Ga. Convertible monkey and pipe wrench.	838,552	Dec. 18	2549	551	125	2073
Landers, Omer S., Livermore, Colo. Combined cooking and heating stove.	829,075	Aug. 21	2776	583-4	123	2426
Landgraf, Joseph and P. B., Chicago, Ill.; said Joseph Landgraf assignor to said P. B. Landgraf. Work-centering device for drill-presses, lathes, &c.	821,651	May 29	5350	1140	122	1423
Landgraf, Joseph and P. B., Chicago, Ill.; said Joseph Landgraf assignor to said P. B. Landgraf. Screen.	832,679	Oct. 9	1332	269	124	1573
Landgraf, Philip B. (See Landgraf, Joseph and P. B.)						
Landin, Carl J., Boston, Mass. Electric organ-action.	824,079	June 19	3673	782	122	2634
Landing, Lars M., Glenwood, Minn. Loose-leaf ledger.	817,255	Apr. 10	1415	298	121	1731
Landis, Abraham B., Waynesboro, Pa. Grinding-machine.	820,801	May 15	3579	765-7	122	917
Landis, Benjamin F. (See Horner and Landis.)						
Landis, Ezra F., La Salle, N. Y. Trolley for overhead-trolley systems.	820,423	May 15	2839	618-19	122	752
Landis, Ezra F., La Salle, N. Y. Trolley for electric railways.	835,731	Nov 13	1673	356	125	466
Landis, Frank F., Waynesboro, Pa. Conveyor.	823,418	June 12	2383	503	122	2295
Landis, Frank F., Waynesboro, Pa. Threshing-machine.	830,337	Sept. 4	873	179-80	124	217
Landis, Harry, Richmond, Ind. Stove-leg caster.	813,438	Feb. 27	3847	842	120	2468
Landis, Harry A., assignor to Pittsburg Novelty Company, Pittsburg, Pa. Curtain-pole.	832,488	Oct. 2	945	187	124	1440
Landis, Israel L., Chicago, Ill. Machine for molding hollow walls.	809,452	Jan. 9	1719	354-5	120	411
Landis, Israel L., Chicago, Ill. Concrete-mold.	822,284	June 5	115	24	122	1753
Landis, Luther E., and W. S. Myers, York, Pa. Plow attachment.	815,441	Mar. 20	2958	615	121	753
Landis Machine Company. (See Fleming and Pedersen, assignors.)						
Landis Machine Company. (See Pedersen, Christian, assignor.)						
Landis Machine Company. (See Whipple, Joel N., assignor.)						
Landmann, Louis, Nevada, Mo. Mold.	814,304	Mar. 6	597	124-5	121	129
Landon, Asa E., Canton, Pa. File.	832,549	Oct. 2	1055	211	124	1467
Landon, Asa E., Canton, Pa., assignor to American Sales Book Company, Elmira, N. Y. Holder for sales-pads.	812,658	Feb. 13	2289	498	120	2030
Landon Cement Product Company. (See Landon, Charles A., assignor.)						
Landon, Charles A., Findlay, assignor to Landon Cement Product Company, Tiffin, Ohio. Mold.	813,439	Feb. 27	3848	843	120	2468
Landon, Frederick M., Tacoma, Wash. Fish-hook.	834,307	Oct. 30	4854	1025	124	2575
Landon, William B. (See Platt and Landon.)						
Landré, Julius H. W., Fort Lee, assignor of one-fourth to B. Zinke, Hoboken, N. J. Coin-controlled delivery apparatus.	819,291	May 1	517	109	122	170
Landreth, Clarence P., Boston, Mass. Woven belt.	834,386	Oct. 30	5014	1061	124	2612
Landrum, Linton D., Columbus, Miss. Lamp-burner.	838,791	Dec. 18	2999	647	125	2189
Landrum, Tom J., Louisville, Ky. Paper box or carton.	812,212	Feb. 13	1413	307	120	1848
Landry, Alcee, Mark, La. Loading apparatus.	832,392	Oct. 2	747	146	124	1392
Landry, Wilfred, New Orleans, La. Refrigerator.	831,616	Sept. 25	3448	724	124	960
Landsberg, Theodore, New Brunswick, N. J. Window-screen.	834,145	Oct. 23	4516	959	124	2446
Landsberger, Julius A., Alameda, Cal., assignor to Hermetic Closure Co., Chicago, Ill. Packing-gasket.	816,803	Apr. 3	488	109	121	1464
Landsberger, Julius A., Alameda, Cal., assignor to Hermetic Closure Company, Chicago, Ill. Vacuum can-sealing machine.	831,527	Sept. 18	3258	686-7	124	876
Landsiedel, John, Peoria, Ill. Hydrocarbon apparatus.	828,034	Aug. 7	692	143-4	123	1842
Landsing, Jang, Boonton, N. J., assignor, by mesne assignments, to General Storage Battery Company, New York, N. Y. Storage battery.	839,606	Dec. 25	4608	984	125	2622
Lane, Almeron M., Meriden, Conn. Motor-spring.	817,378	Apr. 10	1641	348	121	1779
Lane, Charles H., Cleveland, Ohio. Air-separator. (Reissue.)	12,576	Dec. 11	2471	536	125	2010
Lane, Frederic A., assignor to D. H. Burrell & Company, Little Falls, N. Y. Teat-cup for milking-machines.	827,159	July 31	5061	1054	123	1343
Lane, Frederic A., assignor to D. H. Burrell & Company, Little Falls, N. Y. Teat-cup for milking-machines.	827,160	July 31	5063	1055	123	1343
Lane, Frederic A., assignor to D. H. Burrell & Company, Little Falls, N. Y. Milking-machine.	828,613	Aug. 14	1849	390	123	2160
Lane, George. (See Lane, William J. and G.)						
Lane, George, Poughkeepsie, N. Y. Engine-valve.	810,422	Jan. 23	3723	767	120	931
Lane, Henry D., administrator. (See Whitney, Isaac.)						
Lane, Henry H., and T. B. Swift, Elizabeth, N. J. Glove-display form.	818,178	Apr. 17	3257	698	121	2184
Lane, James H., and U. Gulnick, Newark, N. J. Trolley-wire support.	818,631	Apr. 24	4170	898	121	2432
Lane, James H., and U. Gulnick, Newark, N. J. Trolley-wheel guard.	819,146	May 1	213	45	122	63
Lane, Johnson, Jamestown, Cal. Cap and brush for bottles.	816,481	Mar. 27	5089	1079	121	1261
Lane, Mary E. B., Mount Healthy, Ohio. Lamp.	830,602	Sept. 11	1430	297	124	382
Lane, Morgan L. (See Butler and Lane.)						
Lane, Nathan C., Philadelphia, Pa. Apparatus for separating oil or grease from fibrous materials.	825,470	July 10	1607	334	123	437
Lane, Oscar A., Adrian, Mich. Wrench and analogous article.	809,962	Jan. 16	2713	558-9	120	680
Lane, Robert M. (See Zimmerman, Stoops, and Lane.)						
Lane, Victor E., Allegheny, Pa. Clam-shell bucket.	837,079	Nov. 27	4386	929-30	125	1215
Lane, William H., Westfield, N. J., assignor to Hall Signal Company. Electrical device and circuit.	815,961	Mar. 27	4008	848	121	1029
Lane, William J. and G., Poughkeepsie, N. Y. Water-level regulator.	809,510	Jan. 9	1829	377	120	436
Lane, William S. (See Saighman, William, assignor.)						
Laney, John H., Savannah, assignor of one-half to A. R. Scott, St. Joseph, Mo. Safety device for elevators.	828,753	Aug. 14	2125	449-50	123	2228
Lang, Abram, Eden, N. Y. Rubber horseshoe.	808,933	Jan. 2	611	133	120	135
Lang, Adolph, and H. F. Smith, assignors of one-third to C. H. Zink, Philadelphia, Pa. Apparatus for producing hydro-oxygen gas.	833,399	Oct. 16	2799	592-3	124	1985
Lang, Adolph, and H. F. Smith, assignors of one-third to C. H. Zink, Philadelphia, Pa. Producing gas.	833,400	Oct. 16	2802	593-4	124	1986
Lang, Adolph, and H. F. Smith, assignors of one-third to C. H. Zink, Philadelphia, Pa. Lamp.	833,468	Oct. 16	2953	627	124	2021
Lang, Albert, Karlsruhe, assignor to Blechwarenfabrik Limburg (Joseph Heppel) G. m. b. H., Limburg, Germany. Heating device for tins.	824,938	July 3	526	104	123	140
Lang, Carl H., Chicago, Ill. Piano-hammer extractor.	812,503	Feb. 13	1976	434	120	1968

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lang, Charles A., St. Louis, Mo. Sled.	838,724	Dec. 18	2869	618	125	2152
Lang, Edward M., Jr. (See Lovejoy, Marcellus C., assignor.)						
Lang, Edward M., Jr., Portland, Me. Wire-finishing tool.	812,754	Feb. 13	2466	541	120	2066
Lang, Fred P. (See Foster and Lang.)						
Lang, Friedrich W., Hamburg, Germany. Metallic piling.	837,692	Dec. 4	830	188	125	1560
Lang, Herbert, Oakland, Cal. Heat-conserving apparatus.	818,541	Apr. 24	3990	856	121	2392
Lang, Johan G. V., assignor of one-half to E. H. Johnson, London, England. Regulation of electric motors.	811,415	Jan. 30	5674	1189	120	1390
Lang, John G. (See Cooper, James C., assignor.)						
Lang, Jules, Chicago, Ill. Ash-sifter.	834,915	Nov. 6	77	15	125	22
Lang, Jules, and A. Fischer, Chicago, Ill. Vehicle-tire.	811,232	Jan. 30	5333	1114	120	1318
Lang, Robert. (See Brown and Lang.)						
Lang, William H., New Orleans, La., assignor to Sanderson & Porter, New York, N. Y. Flash-board for dams.	819,147	May 1	215	45-6	122	54
Lang, William J., Baltimore, Md. Game.	826,339	July 17	3334	689	123	876
Lange, Berthold A., St. Louis, Mo. Woodworking-machine.	819,033	Apr. 24	4970	1065-6	121	2607
Lange, Ferdinand H., Jr., Wilkes-Barre, Pa. Sliding-door hanger.	815,182	Mar. 13	2384	497	121	577
Lange, Fred, Oaklawn, assignor of two-thirds to H. Koeller and J. M. Weber, Chicago, Ill. Weeder.	819,771	May 8	1465	313	122	387
Lange, Frederick M. T. (See Geipel and Lange.)						
Lange, Gabriel, Paris, France. Machine for producing printed railway-tickets.	810,158	Jan. 16	3118	644-5	120	766
Lange, John, Jr., Moberly, Mo. Railway-car draft-gear.	835,540	Nov. 13	1321	283	125	377
Lange, John, Hoboken, N. J., assignor to R. Neumann Hardware Co. Sewed-in or English bag-frame.	838,553	Dec. 18	2550	551	125	2073
Lange, Paul M. H., assignor to Toledo Machine and Tool Company, Toledo, Ohio. Drawing-press. (Reissue.)	12,462	Mar. 13	2691	560-1	121	642
Langel, Franz, Cologne, Germany. Exercising apparatus for correcting deformities.	828,221	Aug. 7	1042	219	123	1925
Langenfeld, John, Earlring, Iowa. Draft-equalizer.	834,986	Nov. 6	216	47	125	57
Langer, Carl, Ynspenllwch, Clydach, assignor to Mond Nickel Company, Limited, Westminster, England. Treating nickel ores.	815,717	Mar. 20	3490	730	121	869
Langer, Carl, Clydach, assignor to Mond Nickel Company, Limited, Westminster, England. Apparatus for obtaining nickel from nickel carbonyl.	825,844	July 10	2395	499	123	631
Langever, James J. (See White, Francis M., assignor.)						
Langitt, John W., Adel, Iowa. Road-grader.	813,010	Feb. 20	2973	655	120	2223
Langitt, John W., Adel, Iowa. Road-grader.	839,069	Dec. 18	3501	757-8	125	2305
Langford, Albert B. (See Smith, George C., assignor.)						
Langford, John B. (See Seal, John W., assignor.)						
Langford, Thomas H. (See Shuter, Sidney A., assignor.)						
Langguth, Charles, Chicago, Ill. Hook and eye.	810,775	Jan. 23	4404	913	120	1084
Langguth, Paul, Charlottenburg, Germany. Floor of artificial stone.	823,950	June 19	3434	733	122	2584
Langhorne, Catherine M., Plainfield, N. J. Folding extension-table.	824,186	June 26	3866	825	122	2735
Langmaid, George A., Haverhill, Mass. Ewelet.	826,672	July 24	4067	842	123	1082
Langstaff, Lewis G., New York, N. Y. Vehicle-wheel.	822,615	June 5	774	157	122	1899
Langstaff, Lewis G., Brooklyn, N. Y. Vessel for dispensing liquids.	823,283	June 12	2149	448	122	2246
Langston, Frederick B., Brooklyn, N. Y. Anchor.	835,223	Nov. 6	693	143	125	176
Langston, Robert H., et al. (See Strange, William H., assignor.)						
Langham, Colonel W., Stanford, Ky. Corn-planter.	812,775	Feb. 13	2468	541-2	120	2066
Langham, John W., Danville, Ill. Wrench.	820,651	May 15	3276	704	122	849
Langham, Sanford W., assignor to Ideal Shaft Support Co., Indianapolis, Ind. Shaft-support.						
Lanier, Edward H., Memphis, Tenn. Amusement device.	830,793	Sept. 11	1829	380	124	491
Lanier, Edward H., and F. K. Driesbach, Memphis, Tenn. Confection apparatus.	831,012	Sept. 11	2219	469	124	586
Lanier, H. S. (See King, James M., assignor.)	839,488	Dec. 25	4382	936-7	125	2567
Lanier, James S., West Point, Ga. Mail receiving and delivering apparatus.	839,607	Dec. 25	4610	984	125	2623
Lanigan, Oscar J., Chicago, Ill. Soldering-flux.	809,381	Jan. 9	1568		120	378
Lankford, George W., Springfield, Mo., assignor to C. D. Young, Ottawa, Kans. Presser-foot for embroidering-machines.	827,737	Aug. 7	80	16	123	1690
Lannan, Dennis H., et al. (See Keith, Frederick R., assignor.)						
Lannert, John A., Cleveland, Ohio. Vehicle-spring.	838,792	Dec. 18	3000	647	125	2183
Lanning, James K. (See Coldwell, Joseph, assignor.)						
Lanning, James K. (See Coldwell and Gildard, assignors.) (Reissue.)						
Lanning, James K., trustee. (See Church, Benjamin S., assignor.) (Reissue.)						
Lanphier, Robert C., Springfield, Ill. Electric meter.	816,922	Apr. 3	746	154	121	1524
Lanphier, Robert C., assignor to Sangamo Electric Company, Springfield, Ill. Regulating device for electric meters.						
Lansden, John M., Jr., Orange, N. J. Vehicle-wheel.	837,411	Dec. 4	267	66	125	1423
Lansden, John M., Jr., Orange, N. J. Motor-vehicle.	824,797	July 3	228	41	123	64
Lansford, Isaac B., Crockett, Tex. Potato-cutter.	837,628	Dec. 4	696	160-1	125	1527
Langston Monotype Machine Company. (See Bancroft, John S., assignor.)	821,652	May 29	5352	1140	122	1423
Langston Monotype Machine Company. (See Bancroft and Indahl, assignors.)						
Langston Monotype Machine Company. (See French, Joseph, assignor.)						
Lanterman, Frank D., Los Angeles, Cal. Opera-chair hat and wrap rack.	818,542	Apr. 24	3991	856	121	2392
Lanyon, Charles W., Shady Creek, Pa. Toy.	818,102	Apr. 17	3087	666	121	2146
Lanyon, William, Iola, Kans. Zinc-smelting furnace.	839,160	Dec. 25	3727	804-5	125	2409
Lanz, Charles, Knoxville, Pa. Ground connection for telephone-wires.	837,693	Dec. 4	831	188	125	1561
Lanz, Eva, executrix. (See Lanz, John G.)						
Lanz, John, Pittsburg, Pa. Making joist-hangers.	828,488	Aug. 14	1610	340	123	2097
Lanz, John, Pittsburg, Pa. Joist-hanger.	832,133	Oct. 2	222	41	124	1267
Lanz, John G., deceased, New York, N. Y.; E. Lanz, executrix. Broiling apparatus.	817,145	Apr. 3	1170	242	121	1619
Lapeyrate, Pierre A. J., Paris, France. Dynamo-electric machine.	811,154	Jan. 30	5169	1080	120	1281
Lapham, Charles C., New York, N. Y. Sully-seat.	815,841	Mar. 20	3784	798	121	930
Lapierre, Leon. (See Meadowcroft, Henry L., assignor.)						
Lapisse, Emile, Elbeuf, France. Protecting device for pneumatic tires.	813,900	Feb. 27	4752	1049	120	2667
Laporta, Pio R. (See Rubert and Laporta.)						
Laporte, Frank, St. Louis, Mo. Self-locking seal.	813,219	Feb. 20	3399	749	120	2314
Lapp, John, et al. (See Seyhers, Frank, assignor.)						
Laraway, George I., Evanston, Ill. Trousers-hanger.	837,852	Dec. 4	1130	252	125	1635
Laraway, William H., assignor of one-half to G. C. Dunford, Minneapolis, Minn. Vending-machine.	831,082	Sept. 18	2402	504	124	664
Lardinois, John B., assignor of one-half to G. Pierre, Brussels, Wis. Safety-gate for draw-bridges.	809,817	Jan. 9	2413	500-1	120	563
Large, Preston T., North Tonawanda, N. Y. Metallic railway-tie.	811,782	Feb. 6	457	99	120	1585
Larish, Joseph W., assignor to Gas and Electric Protective Company, Boston, Mass. Electric sprinkler apparatus.	814,852	Mar. 13	1709	357	121	431
Larkin, Bernard H., Maywood, Ill., assignor to American Can Company, New York, N. Y. Hinged cover for square or rectangular sheet-metal cans or boxes.	815,962	Mar. 27	4012	848	121	1030

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Larkin, Bernard H., Maywood, Ill., assignor to American Can Company, New York, N. Y. Sheet-metal lard-can handle.....	831,958	Sept. 25	4163	868	124	1145
Larkin, Charles R., Nashville, Tenn. Railway cattle-gate.....	823,881	June 19	3299	701	122	2555
Larkin, Maurice D., Dayton, Ohio. Valve.....	810,951	Jan. 30	4783	995	120	1199
Larkin, Patrick H., Portsmouth, Va., assignor of two-thirds to E. Anderson, Washington, D. C., and R. T. Thorp, Norfolk, Va. Box.....	821,298	May 22	4635	988	122	1208
Larkin, William H., Jr., Somerville, Mass., assignor to F. B. Gilbreth, New York, N. Y. Governor for fluid-pressure engines.....	838,725	Dec. 18	2871	618	125	2152
Larkins, Samuel O., Roland Park, Md. Kilm-heating apparatus.....	838,427	Dec. 11	2304	498	125	1969
Larmore, W. H. (See Craft, William E., assignor.)						
Larock, Frederick J., East Hartford, Conn. Culinary utensil.....	818,455	Apr. 24	3797	816	121	2353
Larrabee, Elmer E. (See Nichols, William H., assignor.)						
Larrison, William H., Florence, N. J. Core-making machine.....	827,541	July 31	5914	1226	123	1552
Larsen, Andree, Stirling Alta, Canada. Beet-cultivator.....	823,338	June 12	2248	469	122	2267
Larsen, Eulalie C., administratrix. (See Arnaud, Aime.)						
Larsen, Ivert, and R. Hardie, Chicago, Ill. Frictional power-transmission mechanism.....	823,178	June 12	1909	394-5	122	2192
Larsen, John, Burntranch, Cal. Hydraulic mining apparatus.....	832,066	Oct. 2	72	17	124	1230
Larsen, John C., Medford, Wis. Lifting plate and bolt for use in moving buildings.....	829,344	Aug. 21	3353	705	123	2570
Larsen, Louis J. C., assignor of one-half to A. Rauh, New York, N. Y. Liquid forcing or pumping device.....	812,052	Feb. 6	1044	227	120	1701
Larsen, Martinus, New York, N. Y. Self-striking match-box.....	815,596	Mar. 20	3233	679	121	812
Larsen, Martinus, Brooklyn, N. Y. Match-card.....	837,233	Nov. 27	4675	992	125	1286
Larsen, Poul, Copenhagen, Denmark. Regulating combustion.....	824,728	July 3	59	12	123	19
Larsh, John M., Indianapolis, Ind. Mail-box.....	838,194	Dec. 11	1850	396	125	1860
Larsh, John M., assignor of one-half to S. D. Kiger, Indianapolis, Ind. Bulletin for mail-boxes.....	808,764	Jan. 2	279	61	120	64
Larson, Carl W., Schenectady, N. Y., assignor to General Electric Company. Brake.....	825,327	July 10	1277	269	123	350
Larson, Charles J., Argyle, Minn. Hay-rack.....	825,056	June 12	1656	343	122	2137
Larson, Charles J., Galesburg, Ill. Combined rail-joint and tie.....	835,110	Nov. 6	478	97	125	124
Larson, David, Yonkers, N. Y. Electrical controller.....	827,923	Aug. 7	442	94	123	1779
Larson, David, Yonkers, N. Y. Electric elevator.....	827,924	Aug. 7	446	94	123	1781
Larson, David, Yonkers, N. Y. Electrical controller.....	827,925	Aug. 7	454	94-5	123	1784
Larson, David, Yonkers, N. Y. Alternating-current controller.....	833,968	Oct. 23	4097	873	124	2338
Larson, David, Yonkers, N. Y. Electrical controller.....	834,010	Oct. 23	4211	893-4	124	2367
Larson, David, Yonkers, N. Y. Alternating-current magnetic apparatus.....	837,853	Dec. 4	1131	253	125	1635
Larson, David, Yonkers, N. Y. Alternating-current magnetic apparatus.....	837,854	Dec. 4	1134	253	125	1636
Larson, Edd H. (See Larson, John L. and E. H.)						
Larson, Gustaf A., Seattle, Wash. Tricycle.....	827,243	July 31	5230	1086	123	1387
Larson, Gustaf A., Seattle, Wash. Vehicle.....	827,244	July 31	5232	1086	123	1387
Larson, Gustaf A., Seattle, Wash. Current-motor.....	828,412	Aug. 14	1451	306	123	2056
Larson, Hans, Joy, Minn. Corn harvester and shocker.....	831,880	Sept. 25	4017	836	124	1109
Larson, James, Chicago, Ill. Mop-holder.....	839,006	Dec. 18	3378	729	125	2274
Larson, John, Sterling, Ill. Vehicle-tongue tip.....	839,007	Dec. 18	3378	729	125	2274
Larson, John L. and E. H., Silverton, Oreg. Hop-drier.....	837,412	Dec. 4	270	66	125	1423
Larson, Joseph E., Silver Creek, Nebr. Broom-corn harvester.....	833,064	Oct. 9	2095	440-1	124	1758
Larssen, Anton R., Aalesund, Norway. Adjustable spanner.....	833,065	Oct. 9	2099	442	124	1758
Larssen, Trygve, Bremen, Germany. Sheet-piling.....	839,608	Dec. 25	4612	985	125	2623
Larsson, Henry W., Springfield, Mass. Braiding-machine.....	814,711	Mar. 13	1412	302-3	121	375
Larsson, Henry W., Springfield, Mass. Thread tensioning and regulating device.....	829,406	Aug. 28	3473	730	123	2645
Lasance, August, Cincinnati, Ohio. Trimming-machine.....	829,111	Aug. 21	2858	599	123	2448
Lasance, August, Cincinnati, Ohio. Box framer or former.....	838,554	Dec. 18	2552	552	125	2074
Laser, John C. F. (See Gaar and Laser.)						
Lasher, Charles W., Davenport, Iowa. Pot-cover.....	819,441	May 1	820	176	122	184
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Black polyazo dye and making same.....	832,393	Oct. 2	748		124	1393
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Black mordant dye and making same.....	839,489	Dec. 25	4384		125	2567
Laska, Waclav, Lemberg, Austria-Hungary. Distance instrument.....	825,605	July 10	1892	400	123	504
Lason, Erick, <i>et al.</i> (See Gabrielson, William, assignor.)						
Lason, Pitt, <i>et al.</i> (See Gabrielson, William, assignor.)						
Lassiter, Columbus K., Schenectady, N. Y. Bolt-cutting machine.....	829,972	Sept. 4	110	19	124	27
Lassiter, Sam B., Mullins, S. C. Plow and cultivator.....	813,722	Feb. 27	4391	969	120	2588
Latchford, Cora M., <i>et al.</i> (See Latchford, William J., assignor.)						
Latchford, William J., assignor to C. M. Latchford, Van Wert, Ohio, T. Gahan and M. J. Doherty, Chicago, Ill. Apparatus for preparing fruit for canning.....	825,667	July 10	2063	430-1	123	550
Latham, Woodville, New York, N. Y. Dough kneading and aerating roller.....	819,772	May 8	1466	313	122	388
Lathrop, Dwight R., <i>et al.</i> (See Devers, William J., assignor.)						
Lathrop, Frank K., assignor to Ohio Rake Company, Dayton, Ohio. Corn and cotton planter.....	829,112	Aug. 21	2860	600	123	2449
Lathrop, Frank L., Wallingford, Conn., assignor to H. L. Judd Company, New York, N. Y. Curtain-rod support.....	814,911	Mar. 13	1805	378	121	452
Lathrop, Frank W., Cathay, N. D. Animal-muzzle.....	839,301	Dec. 25	4008	861	125	2476
Lathrop, William A., Wilkes-Barre, Pa. Machine for cutting headings.....	816,923	Apr. 3	750	154-6	121	1524
Latimer, Arthur R., Fredonia, N. Y. Railway-tie.....	838,428	Dec. 11	2306	498	125	1970
Latimer, E. R. (See Latimer, William E., assignor.)						
Latimer, Frank, assignor of one-half to Taylor Iron and Steel Company, High Bridge, N. J. Car-wheel.....	819,292	May 1	519	109	122	120
Latimer, George, Jr. (See Gierrth and Latimer.)						
Latimer, Harry, High Bridge, N. J. Adjustable sheet-metal pipe.....	818,267	Apr. 17	3434	738	121	2221
Latimer, J. L., <i>et al.</i> (See Saegmuller, George N., assignor.)						
Latimer, John M., Flushing, assignor to Consolidated Fire Alarm Company, New York, N. Y. Alarm system and apparatus.....	819,231	May 1	396	84	122	93
Latimer, John W., Chicago, Ill. Hay-rack.....	829,076	Aug. 21	2778	584-5	123	2426
Latimer, John W., Chicago, Ill., assignor to International Harvester Company. Hay-loader.....	812,213	Feb. 13	1414	307-9	120	1848
Latimer, Samuel A., Bangs, assignor of one-half to J. Krischke, Jr., Brownwood, Tex. Building-block machine.....	831,230	Sept. 18	2673	561-2	124	725
Latimer, Samuel A., assignor of three-fourths to J. J. Dunkin, J. H. Stacey, A. L. Hall, R. S. Porter, S. F. Haynes, S. P. Martin, L. Garmes, M. V. and I. C. Browder, B. F. McArthur, B. Byars, C. W. Fowler, and W. Koch, Bangs, Tex. Building-block machine.....	836,448	Nov. 20	3091	655-6	125	860
Latimer, William E., assignor to E. R. Latimer, Utica, N. Y. Tufting-machine.....	809,572	Jan. 9	1947	404	120	461
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Alternating-current machine.....	811,304	Jan. 30	5471	1141	120	1348
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Producing a constant magnetization by means of alternating currents.....	819,560	May 1	1027	225	122	231

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Alternating-current motor.	831,446	Sept. 18	3095	656	124	833
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Induction-motor control.	835,444	Nov. 6	1144	247	125	287
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Alternating-current motor.	836,978	Nov. 27	4170	889	125	1162
Latour, Marius C. A., Sèvres, France, assignor to General Electric Company. Dynamo-electric machine.	825,222	July 3	1062	224	123	277
Latrobe Steel and Coupler Company. (See Hart, George A., assignor.)						
Latsch, Theodore M. (See Small and Latsch.)						
Latshaw, Allen. (See Heysinger and Latshaw.)						
Latta, Albert E., Washington, D. C. Fishing-reel.	837,080	Nov. 27	4388	930	125	1216
Latta, Emmitt G., <i>et al.</i> (See Kayle, Oscar C., assignor.)						
Latta, Emmitt G. (See Moyer, Harvey A., assignor.)						
Latta, Emmitt G. (See Moyer and Latta.)						
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.	814,144	Mar. 6	280	56	121	61
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.	819,353	May 1	650	137	122	148
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.	819,773	May 8	1467	313-14	122	388
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.	821,107	May 22	4266	908	122	1128
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Line-spacing and carriage-releasing mechanism for type-writing machines.	822,210	May 29	6435	1366	122	1668
Latta, John L., and J. A. Martin, Hickory, N. C. Valve.	832,394	Oct. 2	750	146	124	1393
Latta, Joshua W., Buford, Wyo. Railway signal apparatus.	823,179	June 12	1920	395	122	2196
Latta, William J. (See Kitsee, Isidor, assignor.)						
Lattard, Nestor, New York, N. Y. Food compound.	826,175	July 17	3023		123	801
Lattig, Jacob W., Wyncoote, and C. L. Goodrum, Philadelphia, assignors to Eastern Telephone Manufacturing Company, West Chester, Pa. Telephone trunking system.	829,164	Aug. 21	2996	625	123	2482
Lattig, Jacob W., West Bethlehem, C. L. Goodrum, Philadelphia, Pa., and E. E. Clement, Washington, D. C. Telegraphic system.	820,652	May 15	3277	704	122	849
Lattimore Manufacturing Company. (See Lattimore and Parmley, assignors.)						
Lattimore, Walter A., and W. V. Parmley, St. Clair, Pa., assignors to Lattimore Manufacturing Company. Miner's cap and lantern-holder.	839,070	Dec. 18	3504	758	125	2306
Latlin, Albert N., New York, assignor to S. Sternau & Company, Brooklyn, N. Y. Bath-spray.	816,924	Apr. 3	755	156	121	1526
Latulip, Fred, assignor of one-half to J. A. Anderson, Syracuse, N. Y. Journal-bearing.	831,447	Sept. 18	3096	656	124	833
Latyschew, Iwan, Moscow, Russia. Mowing-machine.	831,359	Sept. 18	2933	622	124	792
Lau, Moritz, Breslau, Germany. Apparatus for fixing plaster-work to ceilings.	829,532	Aug. 28	3778	802	123	2721
Laub, Bert C. (See Hunefeld and Laub.)						
Laube, Godfried, Santa Monica, Cal., assignor of one-half to A. Vandenburg, Huron, S. D. Trace-holder.	838,869	Dec. 18	3143	677	125	2219
Laube, Godfried, Santa Monica, Cal., assignor of one-half to A. Vandenburg, Huron, S. D. Swingletree.	838,870	Dec. 18	3144	678	125	2219
Laube, Godfried, Santa Monica, Cal., assignor of one-half to A. Vandenburg, Huron, S. D. Trace-holder for swingletrees.	838,871	Dec. 18	3145	678	125	2219
Laube, Godfried, Santa Monica, Cal., assignor of one-half to A. Vandenburg, Huron, S. D. Trace-holder.	838,872	Dec. 18	3146	678	125	2219
Laube, Godfried, Santa Monica, Cal., assignor of one-half to A. Vandenburg, Huron, S. D. Trace-holder.	838,873	Dec. 18	3147	678	125	2220
Laube, Godfried, Santa Monica, Cal., assignor of one-half to A. Vandenburg, Huron, S. D. Trace-holder.	839,008	Dec. 18	3380	729	125	2274
Laube, Godfried and G. C. G., Santa Monica, assignors of one-half to J. C. Miller and L. H. Newman, Los Angeles, Cal. Sticky-fly-paper holder.	825,275	July 3	1159	245	123	302
Laube, Godfried and G. C. G., Santa Monica, assignors of one-half to J. C. Miller and L. H. Newman, Los Angeles, Cal. Sticky-fly-paper holder.	828,128	Aug. 7	876	180	123	1887
Laube, Grover C. G. (See Laube, Godfried and G. C. G.)						
Laubenstein, George P. (See Boyer and Laubenstein.)						
Lauber, Albert, New York, N. Y. Register.	811,416	Jan. 30	5678	1189	120	1390
Lauber, Albert, New York, N. Y. Universal portable sawing-machine.	825,223	July 3	1063	224	123	277
Lauber, Otto, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Means of securing shields to portable guns.	809,820	Jan. 9	2418	502	120	565
Lauber, Otto, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Recoil-gun.	809,821	Jan. 9	2419	503	120	565
Lauber, Otto, and F. Stock, assignors to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Elevating and sighting attachment for guns.	809,818	Jan. 9	2414	501	120	564
Lauber, Otto, and F. Stock, assignors to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Elevating mechanism and sighting device for guns.	813,979	Feb. 27	4893	1082-3	120	2695
Lauber, Otto, Essen-on-the-Ruhr, and K. Thiele, Borbeck, near Essen-on-the-Ruhr, assignors to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Device for securing the gun-barrels or the cradles of portable guns in the traveling position.	809,819	Jan. 9	2416	502	120	564
Laubscher, Alexander, assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Ruffling mechanism for sewing-machines.	809,922	Jan. 9	2617	540-1	120	609
Laubscher, Alexander, assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Machine for sewing sweat-bands in hats.	819,442	May 1	821	176-7	122	184
Laubscher, Alexander, assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Machine for sewing sweat-bands in hats.	822,135	May 29	6287	1339-40	122	1634
Lauch, Richard. (See Voswinkel and Lauch.)						
Laucher, Maurice, Jersey City, N. J. Time valve mechanism.	820,582	May 15	3164	681	122	826
Laudenbach, Jean H., Paris, France. Keyboard for type-writing machines.	825,845	July 10	2396	499	123	631
Laughlin, Alexander W., Odessa, Mo. Securing means for stovepipes.	837,478	Dec. 4	401	91	125	1456
Laughlin, Elmer E. (See Griffiths, Daniel D., assignor.)						
Lauchoff, Frank, Detroit, Mich. Separating-machine.	837,311	Dec. 4	69	19	125	1371
Laun, Ernest E. (See Matthews and Laun.)						
Laundry Blue Company. (See Groff, Charles R., assignor.)						
Launer, Charles, Fitzgerald, Ga. Sash-balance.	817,491	Apr. 10	1884	397	121	1829
Launer, Chrisie, Arenzville, Ill. Dress-form.	813,652	Feb. 27	4262	937	120	2561
Laur, Charles F., assignor to Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Variable-speed mechanism.	818,632	Apr. 24	4172	898	121	2433
Laurent, Henri, Paris, France. Masticator.	816,104	Mar. 27	4310	912	121	1096
Laurenzo, George, Visalia, Cal. Safety system for railways.	812,572	Feb. 13	2132	467	120	2001
Laursen, Peder, Racine, Wis. Harrow.	836,588	Nov. 20	3340	712	125	922
Lauster, August, and F. Pounds, Paterson, N. J. Pleasure-railway.	827,313	July 31	5363	1114	123	1417

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Lausterer, William J., Jamestown, assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Voting-machine.	820,802	May 15	3585	767-8	122	918
Lautenschlager, Fred, Chicago, Ill. Fumigator.	835,137	Nov. 6	537	110	125	137
Lautenschlager, William F., assignor of one-half to Krippendorf-Dittmann Company, Cincinnati, Ohio. Cementing-machine.	810,373	Jan. 16	3580	736-7	120	865
Lauterer, George, Chicago, Ill. Perambulator.	839,009	Dec. 18	3381	730	125	2274
Lauth, Bernard C., Pittsburg, Pa. Metallurgical furnace.	823,057	June 12	1657	343	122	2137
Lauth, Jacob. (See Hendrickson, Magnus, assignor.)						
Lauth, John C., Rochester, N. Y. Cap for pipes.	821,876	May 29	5793	1234	122	1521
Lauth, John C., Rochester, N. Y. Roof-flange.	836,933	Nov. 27	4090	873	125	1142
Lauther, Thomas, Tarentum, Pa. Curtain-fixture.	825,737	July 10	2198	458	123	582
Laux, Edward. (See Pierce and Laux.)						
Laval, Claude C., Pittsburg, Pa. Silvering-machine.	813,980	Feb. 27	4895	1084-5	120	2695
Lavers, Charles W., Halifax, Canada. Repairing device for vehicles.	809,192	Jan. 2	1122	234	120	248
Lavertine, Alfonso G., and J. E. McMellan, Johannesburg, Transvaal. Means for inflating rubber tires.	827,926	Aug. 7	460	95	123	1784
Laverty, Adam J., Athens, Ohio. Trolley-wire hanger.	821,512	May 22	5074	1081	122	1306
Lavery, Henry C., West Superior, Wis., assignor to Mills Novelty Company, Chicago, Ill. Stamping-press.	811,783	Feb. 6	459	99-102	120	1585
Lavin, Francis G., Haywards, Cal. Leaf-turner.	815,183	Mar. 13	2386	497	121	578
Lavine, Bismarck, <i>et al.</i> (See Burkins, Eugene, assignor.)						
Lavis, Samuel J., Bowmanville, Canada. Combined helmet and face-protector.	817,075	Apr. 3	1038	216	121	1588
Lavoie, Alphonse J., Toronto, Canada. Air-compressor and the like.	821,299	May 22	4635	988-9	122	1209
Law, Fred A., Hartford, Conn. Carbureter.	813,653	Feb. 27	4263	937	120	2561
Law, Fred A., Hartford, Conn. Steering device.	832,798	Oct. 9	1577	324	124	1631
Law, Fred A., Hartford, Conn. Antijouncing appliance.	837,855	Dec. 4	1138	253	125	1637
Law, Fred A., Hartford, Conn., assignor to Electric Vehicle Company, Jersey City, N. J. Hand-wheel.	833,933	Oct. 23	3932	834	124	2305
Law, Harrison O. (See Law, Samuel H., H. O., and Samuel H., Jr.)						
Law, Robert, Toledo, Ohio. Automatic water purifying and filtration system.	832,914	Oct. 9	1811	374	124	1688
Law, Samuel H., New York, assignor of one-half to C. M. Thompson, Brooklyn, N. Y. Adjustable spring sash-balance.	826,516	July 17	3725	772	123	978
Law, Samuel H., H. O., and Samuel H., Jr., New York, N. Y. Handle attachment for bowling-balls.	812,214	Feb. 13	1418	309	120	1849
Law, William A., St. Paul, Minn. Elevated track.	826,673	July 24	4068	843	123	1082
Lawbaugh, Clark C., Woodward, Iowa. Tool-handle.	825,063	July 3	748	157	123	200
Lawford, George M., <i>et al.</i> (See Beck, Conrad and H. C., assignors.)						
Lawhead, Thomas B. (See Stokesbury and Lawhead.)						
Lawhon, James C., and G. P. Long, Lake City, Fla. Resawing-machine.	818,456	Apr. 24	3798	816	121	2353
Lawhon, Lenord A., McBee, S. C. Resawing-machine.	809,307	Jan. 9	1404	285	120	344
Lawing, William T., Ozark, Mo. Cultivator.	829,973	Sept. 4	117	20	124	28
Lawler, James J., Mount Vernon, N. Y. Thermostatic regulator.	825,328	July 10	1279	270	123	351
Lawler, James J., Winsted, assignor to Winsted Silk Company, West Winsted, Conn. Embroidery-silk holder.	822,060	May 29	6148	1311	122	1602
Lawlor, James. (See Hall, Samuel N., assignor.)						
Lawlor, Simeon C., Duluth, Minn. Mop-head and implement clamp.	819,895	May 8	1714	368	122	448
Lawrence, Arthur, Chicago, Ill. Temporary binder.	839,010	Dec. 18	3382	730	125	2275
Lawrence-Bostwick Manufacturing Company. (See Bostwick, John R., assignor.)						
Lawrence, Edwin, Leicester, England. Point mechanism for tramways and the like.	837,312	Dec. 4	72	19-20	125	1372
Lawrence, Edwin F. (See Lawrence, John H., assignor.)						
Lawrence, Florus F., Columbus, Ohio. Surgeon's operating-table.	832,680	Oct. 9	1334	269	124	1573
Lawrence, George A., Woburn, assignor to Turner Tanning Machinery Company, Boston, Mass. Leather-working machine.	835,305	Nov. 6	856	182	125	216
Lawrence, George R. (See Beckwith and Lawrence.)						
Lawrence, George R. (See Miller and Lawrence.)						
Lawrence, Henrietta W., Baltimore, Md. Gas-range.	827,871	Aug. 7	353	76	123	1758
Lawrence, James E., West Shefford, Quebec, Canada. Thill-tug.	837,313	Dec. 4	74	20	125	1372
Lawrence, James W. (See Kennedy and Lawrence.)						
Lawrence, John H., assignor of one-half to E. F. Lawrence, Sterling, Ill. Door-hanger.	812,346	Feb. 13	1680	369	120	1908
Lawrence, John H., assignor of one-half to E. F. Lawrence, Sterling, Ill. Door-hanger.	812,347	Feb. 13	1682	370	120	1909
Lawrence, John H., assignor of one-half to E. F. Lawrence, Sterling, Ill. Hasp-fastener.	812,348	Feb. 13	1683	370	120	1909
Lawrence, John R., Waukegan, Ill. File-holder.	824,992	July 3	634	127	123	166
Lawrence Machine Company. (See Webber, William O., assignor.)						
Lawrence Manufacturing Co. (See Baurath, Leonhard, assignor.)						
Lawrence, Randolph. (See Gober, Charles H., assignor.)						
Lawrence, Richard W., Dunedin, New Zealand. Lamp.	824,729	July 3	60	12	123	19
Lawrence, Robert S., Boston, Mass., assignor to Independent and Auxiliary Gas Company. Carbureter.	827,643	July 31	6117	1271	123	1605
Lawrence Switch Co. (See Stevens, Sylvester G., assignor.)						
Lawrence, William, Xenia, Ohio. Movable bank-lattice.	831,617	Sept. 25	3449	724	124	960
Lawrence, William E., Brooklyn, N. Y. Hacksaw.	815,597	Mar. 20	3234	679	121	812
Lawrence, William E., Minersville, Pa. Tooth-brush holder.	835,732	Nov. 13	1675	356	125	466
Lawrence, William H., and C. A. Schroyer, Chicago, Ill. Whip-guard for railways.	819,354	May 1	654	137	122	149
Laws, Benjamin A., Pittsburg, Pa. Article of chewing-gum.	810,210	Jan. 16	3234	669	120	789
Laws, William F., Governors Island, N. C. Tether.	819,561	May 1	1029	225	122	232
Lawson, Benjamin S., Brooklyn, assignor of one-half to A. L. Merrick and one-fourth to A. J. De Mott, Syracuse, N. Y. Bearing. (Reissue.)	12,498	June 26	4905	1042	122	2955
Lawson Boat and Car Company. (See King, John W., assignor.)						
Lawson, Daniel, New York, N. Y. Extensible handle.	808,992	Jan. 2	740	160	120	163
Lawson, Joseph A. (See Genter, Jacob H., assignor.)						
Lawson, Norman B., Muskegon, Mich. Musical instrument.	835,958	Nov. 13	2093	447	125	566
Lawson, Richard F., Effingham, Ill. Combined lawn-rake and snow-scoop.	827,542	July 31	5919	1226	123	1553
Lawson, Richard R., and J. R. Silvernail, Olean, N. Y. Curtain-fixture.	838,627	Dec. 18	2697	578	125	2109
Lawson, William C., Rural Retreat, Va. Aerial tramway.	826,340	July 17	3336	690	123	876
Lawton, Charles H., Springfield, Mass. Holder for rotary tool-operating machines.	809,822	Jan. 9	2420	503	120	565
Lawton, De Los A., and L. L. Withey, Rome, N. Y. Pin holding and delivery device.	810,952	Jan. 30	4787	996	120	1200
Lawton, Leonard, assignor of one-fourth to F. A. Cables, Carrollton, N. Y. Bottle-closure.	822,960	June 12	1448	302	122	2090
Lay, Frank R., assignor of one-half to W. W. McCole, Greenfield, Ind. Sight-indicator for telephones.	820,213	May 8	2416	524	122	601
Lay, Frank R., and F. F. Churchman, assignors to American Shoe Polishing Machine Company, Indianapolis, Ind. Shoe-polishing machine.	831,881	Sept. 25	4018	836-7	124	1109
Lay, Harry M., Chicago, Ill. Trestle.	810,776	Jan. 23	4405	913-14	120	1084
Lay, Robert J., assignor of one-half to B. E. Summers, Cairo, W. Va. Whiffletree-connector for traces.	826,946	July 24	4582	954	123	1210

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr & G	Vol.	Page.
Lay, Robert J., assignor of one-half to B. E. Summers, Cairo, W. Va. Trace-connector.	826,947	July 24	4582	954	123	1210
Laycock, Thomas B., assignor to T. B. Laycock Manufacturing Company, Indianapolis, Ind. Bed-bottom.	828,324	Aug. 14	1286	272	123	2013
Laycock, Washington, Chicago, Ill. Printing-stamp.	827,982	Aug. 7	573	117	123	1814
Laycock, Washington, Chicago, Ill. Type and type-holder.	835,795	Nov. 13	1799	382	125	498
Laye, Louis W., J. H. Phillips, and J. Bevan, Havre de Grace, Md.; said Laye assignor to said Phillips and Bevan. Nut-lock.	828,129	Aug. 7	877	180	123	1887
Layfield, James, and A. V. Crisp, Vancouver, British Columbia, Canada. Cement building-block.	836,589	Nov. 20	3341	712	125	922
Layman, George R., Lincoln, Ill. Elevator.	809,117	Jan. 2	989	204	120	218
Layman, George R., Lincoln, Ill. Safety device for elevators.	834,816	Oct. 30	5857	1242	124	2828
Layman, Peter, Akron, Ohio. Gage.	817,492	Apr. 10	1884	397	121	1829
Layne, Mahlon E., Houston, Tex. Wire-winding machine.	820,507	May 15	3020	649-50	122	794
Layne, Mahlon E., Houston, Tex. Well mechanism.	821,653	May 29	5353	1141	122	1424
Layne, George H., Toronto, Ontario, Canada. System for ventilating cars.	836,934	Nov. 27	4091	873	125	1143
Laynor, Roger C., Elkridge, Md. Ladder.	813,981	Feb. 27	4899	1085	120	2696
Layton, Abel M., Pueblo, Colo. Hammer.	815,442	Mar. 20	2959	615	121	753
Layton, Ellen, Savannah, Mo. Comb-cleaner.	823,128	June 12	1819	374	122	2172
Layton, George A., London, England. Eyeglasses.	837,081	Nov. 27	4390	931	125	1216
Layton, Richardson C., assignor to Empire Pipe Bending & Supply Co., Brooklyn, N. Y. Car-tender.	825,668	July 10	2067	431	123	551
Layton, Stephen D., Westport, Ind. Voting-machine.	812,938	Feb. 20	2834	625-6	120	2194
Lazaga, Ignacio, Havana, Cuba, and F. W. Lev, New York, N. Y. Packaging-machine.	836,690	Nov. 27	3580	763-4	125	1014
Lazar, Solomon, San Francisco, assignor, by mesne assignments, of one-half to H. I. Nager, Oakland, Cal. Toilet-paper holder.	837,479	Dec. 4	402	92	125	1456
Lazareff, Mathias A., New York, N. Y. Electric railway.	819,293	May 1	521	109	122	121
Lazarus, Henry E., assignor of one-half to I. A. Levinson, Chicago, Ill. Bottle-stopper.	808,934	Jan. 2	613	134	120	135
Lazear, Leroy C., Chicago, Ill. Folding wall-basin.	819,562	May 1	1030	226	122	232
Lazerges, Léon, Issy-les-Moulineaux, France. Frame for motor-vehicles.	824,550	June 26	4612	979	122	2893
Le Blanc, Joseph, Wells, Mich. Life-saving apparatus.	833,608	Oct. 16	3241	689	124	2088
Le Brocq, Richard F., Etna, N. J., assignor of one-half to J. P. Niemann, New York, N. Y. Station-indicator.	809,267	Jan. 2	1315	267	120	289
Le Corgne, Philip C. (See Thilborger and Le Corgne.)						
Le Fever, Eugene, Rosendale, N. Y. Axle-lubricator.	815,842	Mar. 20	3786	798	121	930
Le Fevre, George A., Orangeburg, N. Y. Railway.	811,855	Feb. 6	607	133	120	1613
Le Fevre, George A., Orangeburg, N. Y. Piling system.	823,129	June 12	1820	374-5	122	2172
Le Fevre, George A., Orangeburg, N. Y. Apparatus for making fence-posts.	833,882	Oct. 23	3815	810	124	2274
Le Maître, René A., Brussels, Belgium. Making agglomerates and agglutinants.	826,948	July 24	4583	123	1210	
Le Manquais, Ernest R., New York, N. Y. Panel-board.	814,146	Mar. 6	286	57	121	63
Le Mat, Raoul F., Washington, D. C. Base-ball glove or mitt.	820,120	May 8	2242	488	122	563
Le May, Marcus M., Leighton, Ala. Wrench.	810,288	Jan. 16	3398	703	120	825
Le Messurier, Frank C., assignor to Sherwood Manufacturing Company, Buffalo, N. Y. Lubricator.	814,147	Mar. 6	287	57	121	63
Le Moon, Axel R., assignor to Nelson & Le Moon, Chicago, Ill. Apparatus for applying tires to wheels.	811,936	Feb. 6	804	177	120	1653
Le Pontois, Leon J., New Rochelle, N. Y., assignor to Poly-Phase Ignition System Company. Sparking ignition system.	809,268	Jan. 2	1317	267-8	120	290
Le Pontois, Leon J., New Rochelle, N. Y., assignor to Poly-Phase Ignition System Company. High-tension current distributor for internal-combustion engines.	809,453	Jan. 9	1721	355	120	411
Le Rond, Louis J. J.-B., Paris, France. Engine.	815,104	Mar. 13	2208	465	121	536
Le Sauvage, John J., New York, N. Y. Thimble.	836,590	Nov. 20	3342	712	125	923
Le Sueur, Ernest A., Sault Ste. Marie, Ontario, Canada. Distillation.	838,195	Dec. 11	1851	397	125	1860
Le Sueur, Philip, Los Angeles, Cal. Seed-planter.	812,278	Feb. 13	1557	340	120	1881
Le Valley, Charles J., and W. T. Bird, Sheffield, Iowa. Capstan and horse-power.	835,073	Nov. 6	403	82	125	106
Le Valley, Fred, and J. W. Shiffer, Hutchinson, Kans. Rotary engine.	823,739	Oct. 9	1448	292	124	1601
Le Vin, William H. (See Serodino, Ella, assignor.)						
Le Vin, William H., New Orleans, La. Cotton picking and harvesting machine.	830,443	Sept. 4	1099	229-30	124	272
Le-White Manufacturing Company. (See Whitehouse, John N., assignor.)						
Lea, Arthur C. (See Scott and Steinhoff, assignors.)						
Lea-Degen Pump Company. (See Degen, Julius, assignor.)						
Lea-Degen Pump Company. (See Lea and Degen, assignors.)						
Lea-Degen Pump Company. (See Lea and Degen, assignors.) (Reissue.)						
Lea, Edward S., Trenton, N. J. Swivel-bearing.	820,883	May 15	3785	807	122	961
Lea, Edward S., and J. Degen, assignors, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Automatic packing.	811,934	Feb. 6	799	176	120	1652
Lea, Edward S., and J. Degen, assignors, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Bearing.	812,756	Feb. 13	2471	542	120	2067
Lea, Edward S., and J. Degen, assignors to Lea-Degen Pump Company, Trenton, N. J. Automatic packing. (Reissue.)	12,573	Dec. 11	2464	535	125	2008
Lea, Edward S., and J. Degen, assignors, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Centrifugal pump. (Reissue.)	12,584	Dec. 18	3570	772-3	125	2326
Lea, Edwin H., Richmond, Va. Bucket.	833,469	Oct. 16	2956	628	124	2021
Lea, James E., East Rand, Transvaal. Liquid-flow measurer and recorder.	815,102	Mar. 13	2202	464	121	534
Lea, John M., assignor to International Electric Meter Company, Chicago, Ill. Electrical measuring instrument.	817,857	Apr. 17	2600	561-2	121	2039
Lea, Richard M., East Orange, N. J. Puzzle.	832,614	Oct. 9	1207	243	124	1544
Leach, James C. E., and W. O. Woodman, Norwich, Conn. Micrometer-gage.	827,453	July 31	5673	1176	123	1493
Leach, Samuel, Chiswick, England. Egg-poacher.	829,020	Aug. 21	2664	561	123	2393
Leadbeater, Frederick, Detroit, Mich. Boiler-feeder.	814,305	Mar. 6	600	125	121	129
Leadbeater, John W., Leeds, England. Artificial fuel.	830,086	Sept. 4	356	124	86	
Leaf, Florence M., Perry, Iowa. Pot-stirrer.	822,528	June 5	586	118	122	1855
Leahy, Louis K., Los Angeles, Cal. Injector-burner.	811,935	Feb. 6	801	176	120	1652
Leake, Edgar A., Lawrence, Mass. Trolley placer and guide.	822,961	June 12	1450	302	122	2091
Leal, H. (See Malmgren, John, assignor.)						
Leal, Hugh, et al. (See Malmgren, John, assignor.)						
Lear, William and W. F., Ashburton, England. Sash-cord fastener.	827,103	July 31	4925	1028	123	1307
Lear, William F. (See Lear, William and W. F.)						
Learned, Frank A., Chicago, Ill. Awning.	820,214	May 8	2418	525	122	601
Lease, Jesse A., Toledo, Ohio. Lifting-hook.	822,897	June 5	1317	271	122	2014
Lease, Lyman G., Warren, assignor of one-half to C. A. Flicker, Cleveland, Ohio. Wire-stay.	812,053	Feb. 6	1045	228	120	1702
Leasure, William C. (See Gooch and Leasure.)						
Leather, Robert H. (See Kenney and Leather.)						
Leatherman, Franklin T., assignor of one-half to C. E. Greenwald, Whiting, Ind. Nut-lock.	815,541	Mar. 20	3138	656	121	791

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Leatheroid Manufacturing Company. (See Allison, William P., Sr., assignor.)						
Leatheroid Manufacturing Company. (See Hardesty, Edward M., assignor.)						
Leathers, George H., Howard, Pa. Packing-case	810,060	Jan. 16	2936	611	120	730
Leavens, Robert E., La Porte, Tex. Washing-machine	835,959	Nov. 13	2095	448	125	566
Leaver, Albert J., London, England. Apparatus used in electroplating	835,960	Nov. 13	2097	449	125	567
Leaver, Fredrick R., et al. (See Nolan and Pearce, assignors.)						
Leavitt Automatic Stop Motion Company. (See Mansell, Arthur D., assignor.)						
Leavitt, Benjamin F., Norwich, Conn. Automatic lock for bearings	829,658	Aug. 28	4027	853	123	2783
Leavitt, Byron C., Denver, Colo. Combination-cot	829,589	Aug. 28	3890	824	123	2750
Leavitt, Charles, St. Johnsville, N. Y. Wagon-body	811,155	Jan. 30	5173	1080	120	1282
Leavitt, Frank M., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Starting-valve for automobile torpedoes	814,055	Mar. 6	111	21	121	25
Leavitt, Frank M., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Gyroscope spinning device	814,969	Mar. 13	1920	403	121	475
Leavitt, Frank M., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Retarding device for automobile torpedoes	816,019	Mar. 27	4130	875	121	1057
Leavitt, Frank M., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Ignition device for automobile torpedoes	825,914	July 17	2516	524	123	670
Leavitt, Frank M., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Steering apparatus for automobile torpedoes	839,161	Dec. 25	3730	805-6	125	2410
Leavitt, Frank M., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Automobile torpedo	839,162	Dec. 25	3735	806	125	2411
Leavitt, Louie, Elba, Idaho. Milk-pail	828,222	Aug. 7	1044	219	123	1925
Leavitt Machine Company. (See Williams, Thomas B., assignor.)						
Leavy, David D., Wabbaseka, Ark. Luggage-carrier	823,058	June 12	1658	343	122	2137
Lebaudy, Paul and P., Paris, France. Air-ship	836,513	Nov. 20	3196	677-9	125	888
Lebaudy, Pierre. (See Lebaudy, Paul and P.)						
Lebeaud, Euclid S., Springfield, Mass. Slip-preventing and tire-armoring device for wheels	838,628	Dec. 18	2699	578	125	2109
Lebedzinski, Piotr, Warsaw, Russia. Sound-box for phonographs and the like	825,738	July 10	2199	459	123	582
Leblanc, Adolphe D., Montreal, Canada. Head for carpenters' braces	811,305	Jan. 30	5473	1141	120	1348
Leblanc, Maurice. (See Hufin and Leblanc.)						
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric and Manufacturing Company. System of excitation for induction-machines	815,356	Mar. 20	2762	576-7	121	709
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric & Manufacturing Company. Excitation for induction-machines	815,357	Mar. 20	2771	577-8	121	710
Leblanc, Maxime, Montreal, Canada. Stair-marking tool	811,233	Jan. 30	5335	1114	120	1318
Leblanc, Maxime, Montreal, Canada. Stair-marking tool	828,413	Aug. 14	1452	306	123	2057
Lebler, George B., Butler, Pa. Saw-set	829,219	Aug. 21	3097	652	123	2508
Lechner, Joseph, Utica, N. Y. Candle-holder	832,134	Oct. 2	223	45	124	1267
Leckenby, James T., Hamilton, Canada. Machine for trimming the corners of boxes	809,308	Jan. 9	1406	286	120	344
Leclair, Alexander, Montreal, Canada. Gaining-machine	821,654	May 29	5357	1142	122	1425
Ledere, René T., Montreal, Quebec, Canada. Necktie-holder	836,979	Nov. 27	4172	889	125	1162
Lecompte, Louis, Chicago, Ill. Combined railway draw-head and air coupling	809,705	Jan. 9	2214	459-60	120	518
Ledbetter, Thomas M., Little's Mills, N. C. Planter and fertilizer-distributor	831,289	Sept. 18	2808	592	124	761
Lederer, Emil. (See Tonko, Max, assignor.)						
Ledgerwood, Frank, Greenfield, Iowa. Obstetrical instrument	812,349	Feb. 13	1684	370	120	1909
Ledoux, John W., Swarthmore, Pa., assignor to Simplex Valve and Meter Company. Liquid-meter	830,338	Sept. 4	875	180	124	218
Ledoux, John W., Swarthmore, Pa., assignor to Simplex Valve and Meter Company. Automatic valve	831,618	Sept. 25	3450	725	124	961
Ledwinka, Joseph. (See Thayer and Ledwinka.)						
Ledwinka, Joseph, Detroit, Mich., assignor of one-half to C. Berg, Cleveland, Ohio. Wheel structure	808,765	Jan. 2	280	61	120	64
Lee, Blair, et al. (See Patten, James S., assignor.)						
Lee, Burton H., Orange, Mass. Baby-yard	825,137	July 3	889	187-8	123	235
Lee, Charles A. (See Wetmore, Willis H., assignor.)						
Lee, Charles A., assignor of one-half to A. J. Holzmark, Kansas City, Kans. Pneumatic-cushion wheel	810,061	Jan. 16	2938	612	120	730
Lee, Charles F., assignor of one-half to J. B. Harris, Astoria, Ill. Manure-spreader	820,653	May 15	3279	704	122	849
Lee, Day K., Athens, Pa. Micrometer	835,224	Nov. 6	697	143	125	177
Lee, Edward W., South Atlanta, Ga. Electric signaling for trolley-railways	817,256	Apr. 10	1417	298	121	1731
Lee, Electric Insole Company. (See Lee, Frank B., assignor.)						
Lee, Elie H., et al. (See Neff, Ira J., assignor.)						
Lee, Ephraim B. (See Jackson, Sheldon E., assignor.)						
Lee, Ephraim B. (See Jackson and Lee.)						
Lee, Frank, assignor of one-half to W. Green, Jackson, Mich. Horse-detacher	833,066	Oct. 9	2100	442	124	1759
Lee, Frank B., Buffalo, assignor to Lee Electric Insole Company, New York, N. Y. Foot-arch supporter	811,512	Jan. 30	5838	1222	120	1424
Lee, Fred L., et al. (See Lee, George W., assignor.)						
Lee, George H. (See Carleton and Brooks, assignors.)						
Lee, George H., Omaha, Nebr. Incubator	830,339	Sept. 4	877	180-1	124	218
Lee, George H., Omaha, Nebr. Incubator	832,395	Oct. 2	752	147	124	1393
Lee, George W., assignor to F. L. Lee, J. G. Clonney, L. E. Hooker, Binghamton, and A. M. Clonney, New York, N. Y. Making tubular articles	822,285	June 5	117	24	122	1754
Lee, George W., assignor to F. L. Lee, J. G. Clonney, L. E. Hooker, Binghamton, and A. M. Clonney, New York, N. Y. Extruding metal	824,875	July 3	391	75	123	107
Lee, Henry. (See Lonie, David, assignor.)						
Lee, Ivar J., and E. Erickson, Marathon, Iowa. Tank-heater	823,419	June 12	2385	503	122	2295
Lee, Jacob M., San Antonio, Tex. Cattle-guard	824,303	June 26	4091	875	122	2782
Lee, James E., Grand Haven, Mich. Printer's register-hook	808,663	Jan. 2	83	18	120	20
Lee, James E., Grand Haven, Mich. Inking-roll truck for printing-presses	834,308	Oct. 30	4856	1025	124	2575
Lee, James E., Grand Haven, Mich. Printing-press platen-lock	834,309	Oct. 30	4857	1026	124	2575
Lee, James H., Carbon Hill, Ala. Shoe	822,061	May 29	6149	1311	122	1602
Lee, John, Philadelphia, Pa. Tinning or coating metal sheets with tin or other metallic coatings	811,854	Feb. 6	605	132	120	1612
Lee, John E., Conshohocken, Pa., assignor, by mesne assignments, to Johnson and Johnson, New Brunswick, N. J. Ligature-holder	825,224	July 3	1067	225	123	279
Lee, John E., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Tooth-powder can	829,275	Aug. 21	3211	675	123	2535
Lee, John E., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Package for surgical dressings	829,923	Aug. 28	4600	969	123	2925
Lee, John H., Peckham, England. Revolving spinning bait	817,257	Apr. 10	1419	298	121	1731
Lee, John H., assignor of one-fourth to J. W. Key, Mountain Grove, Mo. Wire-stretcher	835,961	Nov. 13	2098	449	125	567
Lee, Knute O. (See Slutz and Lee.)						
Lee, Mary W., Eastbourne, England. Veil-holder	814,221	Mar. 6	429	88	121	93
Lee, Milo B., Columbus, Ohio. Flue-stop	814,853	Mar. 13	1711	357	121	432

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lee, Robert E., Franklin, La. Centrifugal filter.....	827,024	July 24	4728	986	123	1244
Lee, Thomas, Home City, Ohio. Sheet-metal building structure.....	808,664	Jan. 2	84	19	120	20
Lee, Thomas, Home City, Ohio. Window-locking means.....	809,382	Jan. 9	1569	319	120	378
Lee, Thomas, Home City, Ohio. Heat-controlled window-closure.....	833,229	Oct. 16	2454	513	124	1897
Lee, Thomas, Home City, Ohio. Sill-brace for metallic window-frames.....	833,328	Oct. 16	2649	557	124	1948
Lee, Ulysses G. (See Owens and Lee.)						
Lee, Ulysses G., assignor to D. P. Montague and C. Owens, Chattanooga, Tenn. Pasting-machine.....	826,039	July 17	2762	572	123	737
Lee, Walter O., New York, N. Y. Sleeping-garment or pajamas.....	819,232	May 1	400	84	122	94
Lee, William A., Jr., New York, N. Y. Gill-box.....	813,654	Feb. 27	4266	938	120	2562
Lee, William A., Washington, D. C. Elevated toy railway.....	837,480	Dec. 4	403	92	125	1457
Lee, Willis L., St. Louis, Mo. Adjustable time-limit stamp.....	808,993	Jan. 2	741	160	120	164
Lee, Willis L., St. Louis, Mo. Combined punch and time-stamp.....	808,994	Jan. 2	742	160-1	120	164
Leech, Abner Y., Jr. (See Wilson and Leech.)						
Leech, Lucian B., assignor of one-half to E. Malone, Smithfield, Pa. Rail-joint.....	823,180	June 12	1924	396	122	2196
Leech, Monroe S., Chicago, Ill. Burial-casket.....	809,573	Jan. 9	1950	404	120	461
Leech, Monroe S., Chicago, Ill. Preserving human bodies.....	826,583	July 24	3894	807	123	1035
Leeds, Morris E., and E. F. Northrup, assignors to Leeds & Northrup Company, Philadelphia, Pa. Potentiometer.....	819,355	May 1	655	137-8	122	150
Leeds & Northrup Company. (See Leeds and Northrup, assignors.)						
Leeds & Northrup Company. (See Northrup, Edwin F., assignor.)						
Leeper, John F., Alton, Ill. Corn-harvester.....	812,215	Feb. 13	1420	309	120	1849
Lees Finding Company. (See Kennedy, Michael, assignor.)						
Leetch, John, <i>et al.</i> (See Tinch, Timothy S., assignor.)						
Leetham, Sidney, York, assignor to Ozonized Oxygen Company, Limited, Manchester, England. Apparatus for bleaching and sterilizing.....	816,482	Mar. 27	5090	1079	121	1261
Lefebvre, Charles E., Pittsburg, Pa. Oil-filter.....	819,896	May 8	1715	368-9	122	448
Lefever, Charles F. and D. M., Syracuse, N. Y. Single-trigger mechanism for double-barrel guns.....	810,871	Jan. 23	4584	954	120	1122
Lefever, Daniel M. (See Lefever, Charles F. and D. M.)						
Lefevre, Enoch S., Littlestown, Pa. Shape-retainer.....	819,774	May 8	1472	314	122	389
Lefel, John D., Johnstown, Pa. Plane.....	820,215	May 8	2419	525	122	602
Lefel, Perlie H. (See Steele, Lewis E., assignor.)						
Leferts, Charles S., Council Bluffs, Iowa, assignor of one-half to C. T. Peavey, Omaha, Nebr. Car-dump.....	814,610	Mar. 6	1214	254	121	263
Leferts, Henry D. B., Orange, N. J. Pneumatic tire.....	827,927	Aug. 7	462	95	123	1787
Leferts, John A., Elizabeth, N. J. Bath-tub.....	823,794	June 19	3138	665	122	2519
Lefingwell, Charles H., Cleo, Ind. Ter. Safety device for elevators.....	838,726	Dec. 18	2874	619	125	2453
Lefingwell, Clossom M., Little Falls, Minn. Dental-matrix retainer.....	814,056	Mar. 6	113	22	121	26
Lefingwell, Everett K., and H. B. Eltonhead, West Haven, Conn. Tube-compressor.....	820,216	May 8	2420	525	122	602
Lefingwell, Frank P., Chicago, Ill. Schedule or table.....	827,161	July 31	5064	1055	123	1343
Lefler, Charles, New York, N. Y. Machine for making book-covers.....	834,011	Oct. 23	4219	894-5	124	2370
Leforge, Amos, and P. O. Apple, Oaklandon, Ind. Mail-bag catcher and deliverer.....	834,916	Nov. 6	79	15	125	23
Lefort, William M., assignor of one-half to E. Ainley, Providence, R. I. Spring-hub for vehicles.....	812,143	Feb. 6	1230	267	120	1741
Legel, Henry W., Kansas City, Mo. Feed-water heater.....	828,414	Aug. 14	1453	307	123	2057
Legg, Benjamin A., Pittsburg, Pa. Metallic tie.....	815,718	Mar. 20	3491	731	121	869
Legg, John F., Kennedyville, Md. Knockdown chicken-house.....	837,937	Dec. 11	1299	285	125	1719
Legge, Alfred G., assignor to C. S. Pierce, Brockton, Mass. Shoe-form.....	838,874	Dec. 18	3148	679	125	2220
Legge, Lionel B., assignor to himself and Heywood Boot & Shoe Company, Worcester, Mass. Cutter-guard for shoe machinery.....	822,860	June 5	1246	256	122	2000
Legge, Thomas A., Chicago, Ill., assignor to Adams & Westlake Company. Car basket-rack.....	829,793	Aug. 28	4328	915	123	2856
Leggett, Benjamin W., Eaton Rapids, Mich. Automatic cement-brick machine.....	837,938	Dec. 11	1300	285-6	125	1719
Leggett, Clinton H., New York, N. Y. Powder-distributor.....	831,669	Sept. 25	3585	752-3	124	1000
Leggett & Son, John. (See Hughes and Prankard, assignors.)						
Leggo, Arthur V., Pendeen, Victoria, Australia. Furnace for roasting, chloridizing, or drying ores.....	830,904	Sept. 11	2027	427	124	541
Leggo, Arthur V., Ballarat, Victoria, Australia. Furnace for roasting, &c.....	837,576	Dec. 4	585	136-9	125	1501
Legier, Adam, Hastings, Nebr. Gate.....	817,925	Apr. 17	2751	596	121	2075
Legreid, Crist, <i>et al.</i> (See Bendickson, Iver E., assignor.)						
Lehigh Oil and Waste Saving Company. (See Dutcher, Edward H., assignor.)						
Lehman, Abraham, <i>et al.</i> (See Durbin, Charles L., assignor.)						
Lehman, Frank W., Wilmerding, Pa. Ice-cycle.....	828,130	Aug. 7	878	181	123	1887
Lehman, Harry J., <i>et al.</i> (See Miller, Benjamin F. D., assignor.)						
Lehman, Isador, Cleveland, Ohio. Engine.....	814,145	Mar. 6	283	57	121	62
Lehman, Isador, Cleveland, Ohio. Screw-locking means.....	826,584	July 24	3896	807	123	1035
Lehman, Isador, Cleveland, Ohio. Casing for universal joints.....	826,585	July 24	3897	807	123	1035
Lehman, Martin, <i>et al.</i> (See Sohlberg, Edmond W., assignor.)						
Lehmann, Ernst P., Brandenburg-on-the-Havel, Germany. Joint for sheet metal and the like.....	808,766	Jan. 2	281	61	120	64
Lehmann, Ernst P., Brandenburg-on-the-Havel, Germany. Pinion-actuating device.....	828,614	Aug. 14	1851	390	123	2160
Lehmann, Friedrich A., Berlin, Germany. Rail-crossing.....	813,387	Feb. 20	3726	819	120	2383
Lehmann, Hermann, Magdeburg, assignor to F. Krupp Aktiengesellschaft Grusonwerk, Magdeburg-Buckau, Germany. Firing mechanism for guns.....	814,854	Mar. 13	1712	358	121	432
Lehmann, Hermann, Magdeburg, assignor to F. Krupp Aktiengesellschaft Grusonwerk, Magdeburg-Buckau, Germany. Cartridge extracting and ejecting mechanism for guns.....	830,510	Sept. 11	1244	257	124	335
Lehmann, Hermann, Magdeburg, assignor to F. Krupp Aktiengesellschaft Grusonwerk, Magdeburg-Buckau, Germany. Automatic gun.....	830,511	Sept. 11	1245	257-8	124	335
Lehmkuhl, William B., Cambridge, assignor of one-half to S. B. Shapleigh, Boston, Mass. Telephone-support.....	821,247	May 22	4527	963	122	1186
Lehnbeuter, Joseph, St. Louis, Mo. Polishing-machine.....	814,787	Mar. 13	1592	335	121	408
Lehnert, Carl, Marsech, and H. Hülsebusch, Walsum, Germany. Railway-coupling.....	835,072	Nov. 6	402	82	125	106
Lehr, Edwin E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring instrument.....	811,645	Feb. 6	219	47	120	1533
Lehr, Edwin E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alternating-current electrical measuring instrument.....	824,696	June 26	4897	1041	122	2953
Lehrman, John, Allentown, assignor to J. G. Speidel, Reading, Pa. Elevator.....	817,076	Apr. 3	1039	215-16	121	1588
Lehrmann, John F., Jr., assignor to G. Grant, New Orleans, La. Sawmill log-dog.....	838,506	Dec. 11	2446	532	125	2004
Leib, Oliver E., and E. B. Witte, Trenton, N. J. Automatic air-brake and steam coupling.....	824,034	June 19	3597	766-7	122	2617
Leiberman, Meyer J., New York, N. Y. Trousers.....	815,598	Mar. 20	3235	680	121	813
Leibert, Owen F., Bethlehem, Pa. Ice-creeper.....	817,977	Apr. 17	2851	617	121	2097
Leichter, Edward, Nevada City, Cal., assignor of one-half to J. Bender, Hamilton, Ohio, and J. C. Campbell, Nevada City, Cal. Rock-drill.....	823,059	June 12	1659	344	122	2138
Leidecker, Frank W., assignor to Leidecker Gauge Company, Marietta, Ohio. Gauge-cock.....	820,424	May 15	2842	619	122	753

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Leidecker Gauge Company. (See Leidecker, Frank W., assignor.)						
Leigh, George E., and J. A. Coleman, Mount Carroll, Ill. Display-frame.	823,339	June 12	2250	469	122	2267
Leigh, Walter, New Haven, Conn. Gage for measuring trousers.	824,252	June 26	4010	858	122	2765
Leight, Frederick J., Dayton, assignor to J. R. Fassig, Columbus, Ohio. Garment-stretcher.	831,360	Sept. 18	2934	622	124	793
Leighton, Charles E. (See Duesterwald, Frank, assignor.)						
Leighton, Charles E., New York, N. Y. Lock-protecting device.	834,817	Oct. 30	5859	1242	124	2828
Leighton, Thomas R., East Cleveland, Ohio. Die-stock.	824,428	June 26	4362	928	122	2836
Leighton, Thomas R., East Cleveland, Ohio. Screw-threading die.	824,697	June 26	4900	1042	122	2954
Leighton, Warren E., Lewiston, Me. Attachment for grading-machines.	821,513	May 22	5076	1081	122	1306
Leighton, William E., Pembroke, and F. A. Holmes, Eastport, Me. Vending-machine.	814,712	Mar. 13	1447	303	121	376
Leighty, Henry M. F., Dawson, Iowa. Neck-yoke holder.	832,021	Sept. 25	4276	894	124	1174
Leighty, John R., Cumberland, Md. Anticreeping device.	809,193	Jan. 2	1124	234	120	248
Leilich, Henry L., and J. P. Burger, assignors to Delphos Can Company, Delphos, Ohio. Oil-pump.	825,547	July 10	1779	375	123	477
Leilich, Henry L., and J. P. Burger, assignors to Delphos Can Company, Delphos, Ohio. Oil-pump.	825,548	July 10	1782	376	123	477
Lein, John P., New York, N. Y. Combined folding berth and settee.	828,035	Aug. 7	694	144	123	1842
Lein, John P., New York, N. Y. Collapsible berth.	828,131	Aug. 7	879	181	123	1887
Lein, Ludwig, Orange, N. J. Tailor's measuring device.	839,302	Dec. 25	4009	861	125	2476
Leinen, Franz, Königstein, Germany. Collar for draft-animals.	812,430	Feb. 13	1843	404	120	1941
Leiner Brothers <i>et al.</i> (See Gabriel, Stefan, assignor.)						
Leinert, Gustav, Brooklyn, N. Y. Roundabout.	815,103	Mar. 13	2205	464-5	121	535
Leineweber, Herman, South Chicago, Ill., assignor to International Tool Company of Chicago. Pneumatic tool.	825,669	July 10	2069	431-2	123	552
Leineweber, Herman, South Chicago, assignor of one-half to W. M. Bayne, Chicago, Ill. Pneumatic tool.	837,856	Dec. 4	1140	254	125	1638
Leininger, Michael, Chicago, Ill. Well-machine.	839,773	Dec. 25	4961	1059	125	2710
Leinweber, Bruno, Vienna, Austria-Hungary. Apparatus for hauling loose materials.	831,448	Sept. 18	3097	656	124	833
Leirmann, George W., Cleveland, Ohio. Joint for artificial limbs.	834,987	Nov. 6	217	47	125	58
Leisegang, Adolf, Elberfeld-Steinbeck, Germany. Ornamenting oil-cloth.	835,541	Nov. 13	1324	284	125	378
Leisenring, Henry G., Wayne, Nebr. Detachable tire-rim.	828,223	Aug. 7	1044	219	123	1926
Leisenring, Henry G., Wayne, Nebr. Trap-nest.	828,224	Aug. 7	1045	220	123	1926
Leiser, Charles W., Salt Lake City, Utah. Telegraph-transmitter.	837,413	Dec. 4	271	66	125	1423
Leistenschneider, August, assignor to Firm of C. Zeiss, Jena, Germany. Exposure appliance.	818,543	Apr. 24	3993	856-7	121	2393
Leisure, Charles H. (See Myers, William F., assignor.)						
Leitch, Meredith, assignor to American Can Company, New York, N. Y. Apparatus for drying cans.	823,731	June 19	3013	638-9	122	2490
Leitel, William. (See Hohnbach and Leitel.)						
Leith, James, assignor of one-half to N. Labrecque, Sherbrook, Canada. Vehicle attachment.	820,217	May 8	2421	525	122	602
Leithäuser, Hermann G., Schmölln, assignor to E. J. Conn, Hamburg, Germany. Producing buttons from Australian ivory-nuts.	829,720	Aug. 28	4165		123	2814
Leitner, Henry, Woking, R. N. Lucas, Byfleet, and H. Hill, Woking, England; said Hill assignor to said Leitner and Lucas. Automatic electric switch, particularly for use in charging electric accumulators.	831,959	Sept. 25	4164	868	124	1145
Leland, Charles S., Mount Desert, Me. Putty-knife and chisel.	821,176	May 22	4399	936	122	1158
Leland, William L., San Francisco, Cal. Hydraulic elevator.	834,818	Oct. 30	5863	1243	124	2829
Lemaster, Pleasant T., Spartanburg, S. C. Bill-file.	818,835	Apr. 24	4588	983	121	2523
Lembeck, Arthur J. L., assignor of one-half to J. P. Wall, Sioux City, Iowa. Insulator.	831,168	Sept. 18	2557	539	124	698
Lembeck, Arthur J. L., and N. B. Hart, Walla Walla, Wash. Shaft-coupling.	810,777	Jan. 23	4408	914	120	1085
Lemberg, Otto H., Lockhart, Minn. Violin.	814,549	Mar. 6	1103	230	121	239
Lemen, Ward W. (See Pilcher and Lemen.)						
Lemieux, Leon, Paterson, N. J. Weaving.	809,118	Jan. 2	991	205	120	219
Leming, Parmenos G., F. Eiklor, and C. W. Grant, Urbana, Ill.; said Eiklor and Grant assignors to said Leming. Molding-machine.	813,901	Feb. 27	4753	1050	120	2667
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Automobile.	812,573	Feb. 13	2133	467	120	2001
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. System of water regulation for flash-boilers.	818,382	Apr. 17	3654	785	121	2266
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Self-propelled vehicle.	825,225	July 3	1068	225-6	123	279
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Automobile.	825,276	July 3	1160	245	123	302
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Steering-axle.	825,329	July 10	1281	270	123	351
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Controller.	829,794	Aug. 28	4329	915	123	2857
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Hydrocarbon-burner.	829,924	Aug. 28	4601	969	123	2925
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Hydrocarbon-burner.	829,925	Aug. 28	4607	970	123	2926
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Motion-checking device for wheel steering mechanisms.	833,230	Oct. 16	2456	513-14	124	1897
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Steering-check for automobiles.	833,231	Oct. 16	2459	514	124	1898
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Steering-check for automobiles.	833,232	Oct. 16	2461	515	124	1899
Lemyre, Joseph E., Manchester, N. H. Shuttle for cotton-looms.	838,123	Dec. 11	1694	365	125	1820
Lemyre, Joseph E., Manchester, N. H. Shuttle for cotton-looms.	838,629	Dec. 18	2702	579	125	2110
Lénárt, Alexander, Jr., Budapest, Austria-Hungary. Extracting metals by electrolytic means from ores.	826,435	July 17	3509	730-1	123	918
Lender, Charles D., Centralia, Ill. Computing cheese-cutter.	823,689	June 19	2945	623	122	2477
Lendi, John H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Two-division telephone system.	820,803	May 15	3589	769	122	919
Lenhart, Moses, Chariton, Iowa. Adjustable wagon-box.	812,054	Feb. 6	1046	228	120	1702
Lenhart, Philip F., Brooklyn, assignor to Perfect Sewer Trap Manufacturing Company, New York, N. Y. Sewer valve or trap.	814,788	Mar. 13	1594	335	121	408
Lennon, Thomas, New York, N. Y. Water-heating furnace-door.	829,659	Aug. 28	4029	853	123	2784
Lennox, Talbot, Chicago, Ill. Grain-door for cars.	822,458	June 5	435	89	122	1819
Lennox, Talbot, assignor to McGuire-Cummings Manufacturing Company, Chicago, Ill. Grain-car door.	831,670	Sept. 25	3591	753-4	124	1001
Lent, Ledus L., Suspension Bridge, N. Y. Trace-fastener.	835,962	Nov. 13	2099	449	125	567
Lent, Leon B., Brewster, N. Y. Steam-boiler.	820,054	May 8	2101	458	122	531
Lenthart, Benjamin, and J. B. Rouillard, Boston, Mass. Fly-trap.	818,836	Apr. 24	4589	984	121	2523
Lentschat, Georg, Hohen-Schönhausen, near Berlin, Germany, assignor of one-half to W. I. Drahonowsky, Miröschau, Austria-Hungary. Distant-acting electrical gas-igniter.	831,013	Sept. 11	2221	469	124	587

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lentschat, Georg, Hohenschönhausen, near Berlin, Germany, assignor of one-half to W. J. Drahonowsky, Miroschau, near Rokitzau, Austria-Hungary. Street-lamp lighting and extinguishing system	839,774	Dec. 25	4963	1059-61	125	2710
Lentz, Hugo, Berlin, Germany. Reversing-brake for turbine-engines	811,856	Feb. 6	609	133	120	1613
Lentz, Hugo, Berlin, Germany. Turbine-driven locomotive	812,277	Feb. 13	1556	340	120	1881
Lentz, Hugo, Berlin, Germany. Nozzle for turbine-engines	813,806	Feb. 27	4550	1006	120	2623
Lentz, Hugo, Berlin, Germany. Cylinder for steam-lubricators	814,148	Mar. 6	290	58	121	64
Lentz, Hugo, Berlin, Germany. Guiding means for turbines	816,020	Mar. 27	4132	875-6	121	1058
Lentz, Hugo, Berlin, Germany. Turbine-driven locomotive	823,130	June 12	1822	375-6	122	2172
Lentz, Hugo, Berlin, Germany. Valve-operating mechanism for steam-engines	835,963	Nov. 13	2100	450	125	567
Lentz, Hugo, Berlin, Germany, assignor of one-half to C. Bellens, Neuilly-sur-Seine, France. Valve-gear for engines	822,136	May 29	6289	1340	122	1635
Lentz, John A., Phoenix, Ariz. Ter. Forming dental structures	833,883	Oct. 23	3816	810	124	2274
Lentz, Philipp, Gross Lichterfelde, near Berlin, Germany. Safety guard or fender for tramway and the like vehicles	818,837	Apr. 24	4590	984	121	2524
Léon, Libermont A., Montreal, Canada. Electric door-releasing device	814,461	Mar. 6	934	191-2	121	204
Leonard, Almanzo B., assignor of one-half to J. L. Stevens, Boone, Iowa. Eaves-trough hanger	822,459	June 5	436	89	122	1820
Leonard, Asbury O., Detroit, Mich. Ear-drum	824,993	July 3	635	127	123	167
Leonard, Charles F., Wray, Colo. Wire-fence machine	827,644	July 31	6120	1271	123	1607
Leonard, Charles F., Idaho Falls, Idaho. Steering and brake mechanism for wire-fence machines	827,695	July 31	6247	1297	123	1641
Leonard, Charles W., Richmond, Va. Grease-cup	826,259	July 17	3185	660	123	838
Leonard, Eva C., Thompson, Pa. Artificial tree	835,445	Nov. 6	1146	247	125	288
Leonard, Harry W., Bronxville, N. Y. Electrical-circuit controller	817,719	Apr. 10	2280	492-4	121	1912
Leonard, Harry W., Bronxville, N. Y. Automatic electric-circuit controller	817,720	Apr. 10	2291	494	121	1915
Leonard, Harry W., Bronxville, N. Y. Electric-circuit controller. (Reissue)	12,473	Apr. 24	4975	1066	121	2608
Leonard, Harry W., Bronxville, N. Y. Variable-speed and reversing gear	827,454	July 31	5675	1176-7	123	1493
Leonard, Harry W., Bronxville, N. Y. Resistance device	827,455	July 31	5685	1177	123	1498
Leonard, Harry W., Bronxville, N. Y. Electrical-circuit controller. (Reissue)	12,530	Sept. 11	2243	474-6	124	592
Leonard, Hjalmar, Chicago, Ill. Artificial limb	816,866	Apr. 3	633	132	121	1499
Leonard, John B., Memphis, Tenn. Antislippage dressing for belting	822,005	May 29	6043	122	1578	
Leonard, John M., Scranton, Pa. Thread-cutter for winding-machines	828,671	Aug. 14	1959	412	123	2186
Leonard, Joseph T., Sedalia, Mo. Hanger for sifters and screens	811,857	Feb. 6	610	133	120	1613
Leonard, Peter, and C. H. Jones, Great Crosby, near Liverpool, England. Holder for electric incandescent lamps	816,483	Mar. 27	5092	1080	121	1262
Leonard, Sylvester S., Chicago, Ill. Vacuum device	823,795	June 19	3139	665	122	2519
Leonard, Wilbur A., assignor, by mesne assignments, to Geometric Tool Company, New Haven, Conn. Collapsible tap	810,289	Jan. 16	3400	703-4	120	825
Leonard, William, Salem, Mass. Device for applying liquid dressing	831,014	Sept. 11	2223	470	124	587
Leonhardt, Frederick, Sheboygan, Wis. Sight-feed lubricator	820,508	May 15	3023	650	122	794
Leonhardt Wagon Manufacturing Company. (See Leonhardt, William, assignor.)						
Leonhardt, William, assignor to Leonhardt Wagon Manufacturing Company, Baltimore, Md. Dumping coal-wagon	810,953	Jan. 30	4790	996	120	1200
Leonhart, Rudolph, San Anselmo, Cal. Level	813,561	Feb. 27	4097	898	120	2526
Leopold, Frederick B., Evanston, Ill. Filter-table	829,021	Aug. 21	2665	561	123	2394
Leopold, Frederick B., Evanston, Ill. Wash-trough for filters	829,113	Aug. 21	2862	600	123	2449
Leopold, Harry G., Cincinnati, Ohio. Rotary motor	834,819	Oct. 30	5865	1243	124	2830
Lepper, Daniel F., Connellsville, Pa. Safety device for elevators	826,586	July 24	3900	808	123	1037
Lepper, John J., assignor of one-half to E. G. Rauber, Milwaukee, Wis. Combined insole and retaining device	832,550	Oct. 2	1058	212	124	1468
Leppert, Henry E., New Britain, assignor to Hart Manufacturing Company, Hartford, Conn. Electric switch	818,035	Apr. 17	2969	641	121	2122
Leppert, William, Tippecanoe City, assignor to C. Anderton, Jr., Dayton, Ohio. Wagon	810,872	Jan. 23	4587	955	120	1122
Lerch, Solomon W., assignor of two-fourths to A. Curtis and T. Cook, Manasquan, N. J. Paving or flag stone	823,473	June 12	2486	525	122	2317
Lerchen, William, Denver, assignor of one-third to W. Bemrose, Alma, Colo. Ore-concentrator	837,082	Nov. 27	4391	931	125	1216
Leroy, Georges H. A. M., Paris, France. Feeding mechanism	838,340	Dec. 11	2135	462	125	1929
Lerwill, Joseph. (See Rogers, Samuel J., assignor.)						
Leschbrandt, Einar, Philadelphia, Pa. Talking-machine	821,045	May 22	4145	881	122	1101
Lesemann, Philip B., Nashville, and S. J. Lesemann, Altamont, Ill. Artificial denture	831,960	Sept. 25	4165	868	124	1145
Lesemann, Samuel J. (See Lesemann, Philip B. and S. J.)						
Lesh, Edwin Z., and H. A. Woolman, Guadalajara, Mexico. Tailor's measure	825,915	July 17	2518	524	123	671
Lesler, Albert F., New York, N. Y. Sanitary device for closets	827,162	July 31	5065	1055-6	123	1344
Leslie, Alexander, Walkerville, Canada, assignor of one-half to G. E. Titeomb, Philadelphia, Pa. Vessel	821,514	May 22	5077	1081	122	1307
Leslie, Benjamin J., Chicago, Ill. Window	820,218	May 8	2422	526	122	602
Leslie, Judson O., and J. W. Baldwin, Ottawa, Ill. Chalk-dust collector	829,533	Aug. 28	3780	802-3	123	2722
Lesser, Bianca, New York, N. Y. Hat-fastening	813,902	Feb. 27	4755	1050	120	2668
Lesser, Joseph M. (See Wilson, Albert B., assignor.)						
Lesser, Ludwig S., New York, N. Y. Brush-bridle	822,377	June 5	293	60	122	1789
Lesueur, John E., Nashville, Tenn. Non-refillable bottle	835,446	Nov. 6	1147	247	125	288
Lettré, Phillip H., Attleboro Falls, assignor to T. I. Smith Co., North Attleboro, Mass. Bracelet	809,619	Jan. 9	2049	425	120	482
Letts, Arthur, <i>et al.</i> (See Alexander, Jesse, assignor.)						
Leuchs, Maximilian J. C., New York, N. Y. Finger-orette	809,119	Jan. 2	993	205	120	219
Leue, Georg, Berlin, Germany. Device for unshipping endless traveling ropes from their pulleys	809,823	Jan. 9	2423	503	120	566
Leue, Georg, Berlin, Germany. Sack	821,177	May 22	4400	936	122	1158
Leupold, Karl R., Zwickau, Germany. Hoisting appliance for compresses	825,133	July 3	892	188	123	235
Leusch, Frederick M., Traver, Iowa. Artificial-stone roofing tile or shingle	814,970	Mar. 13	1921	403	121	475
Leuthesser, Fred W., Chicago, Ill. Register or name-board	837,481	Dec. 4	405	92	125	1457
Leuthesser, Fred W., assignor to Monash-Younger Company, Chicago, Ill. Air-valve for radiators	813,011	Feb. 20	2976	655	120	2234
Leuthesser, Fred W., assignor to Monash-Younger Company, Chicago, Ill. Holder for air-valves for radiators	832,067	Oct. 2	73	17	124	1230
Leuz, Daniel, Iowa City, Iowa. Scaffold	818,268	Apr. 17	3435	738	121	2221
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Life-guard fender for cars	815,105	Mar. 13	2210	465	121	536
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Tripping member for car-fenders	815,106	Mar. 13	2212	466	121	537
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Fender for motor-cars	815,919	Mar. 20	3929	831	121	961
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Separable fender for motor-cars	815,920	Mar. 20	3931	832	121	961

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Spring-buffer for car-fenders.	815,921	Mar. 20	3933	832	121	962
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Chain-bracket for car-fenders.	815,922	Mar. 20	3934	832	121	962
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Detachable car-fender.	815,923	Mar. 20	3936	833	121	962
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Car-fender spring.	815,924	Mar. 20	3937	833	121	962
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Fender-carrier.	815,925	Mar. 20	3938	833	121	962
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Automatic car-fender.	815,926	Mar. 20	3939	834	121	963
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Tubular car-fender.	815,927	Mar. 20	3940	834	121	963
Lev, Benjamin, Cleveland, Ohio, assignor to Eclipse Railway Supply Co., Kansas City, Mo. Cushioning-roller for car-fenders.	815,928	Mar. 20	3943	835	121	964
Lev, Frank W. (See Lazaga and Lev.)						
Levak, John, Lemont Furnace, Pa. Spragging device for coal and pit cars.	810,778	Jan. 23	4409	914	120	1085
Levak, John, Lemont Furnace, Pa. Door-actuating mechanism for cars.	813,807	Feb. 27	4551	1006	120	2633
Levake, Anson S., assignor of eighty-three one-hundredths to R. P. Thomas, Anacortes, H. F. Richter and C. W. Richie, Seattle, Wash. Rotary engine.	822,378	June 5	295	60	122	1789
Levalley, Christopher W., Milwaukee, Wis. Conveyer.	812,757	Feb. 13	2472	542	120	2067
Levalley, Christopher W., Milwaukee, Wis. Chain.	820,219	May 8	2426	526	122	603
Levalley, Christopher W., Milwaukee, Wis. Set-collar for shafts.	820,220	May 8	2428	527	122	603
Levalley, Christopher W., Milwaukee, Wis. Chain.	823,420	June 12	2386	503	122	2295
Levalley, Christopher W., Milwaukee, Wis. Ear-trumpet.	827,645	July 31	6122	1272	123	1607
Levalley, Christopher W., Milwaukee, Wis. Conveyer.	832,986	Oct. 9	1940	405	124	1718
Levedahl, Axel, assignor to Aurora Automatic Machinery Company, Aurora, Ill. Pneumatic hammer.	814,306	Mar. 6	602	125-6	121	130
Levell, Joseph W., Carbondale, Colo. Tie-plate and brace for railway-rails.	839,775	Dec. 25	4972	1061	125	2712
Levenberg, Samuel P., New York, N. Y. Telephone.	818,698	Apr. 24	4303	923	121	2461
Leveritt, Paul E., Stone Mountain, Ga. Andiron.	822,743	June 5	1030	211	122	1954
Leverone, James, New London, Conn. Surgical truss.	816,867	Apr. 3	634	132	121	1499
Levett, Benjamin A., New York, N. Y. Pipe, cigar, or cigarette holder.	815,443	Mar. 20	2960	616	121	753
Levett, Louis, New York, N. Y. Anode.	813,048	Feb. 20	3042	670	120	2238
Levey, John, assignor, by mesne assignments, to J. Williamson, Chicago, Ill. Valve for gas-generators.	825,064	July 3	750	157	123	201
Levey, John, assignor to H. Zitzwitz, Chicago, Ill. Ammonia-condenser and oil-trap device.	839,303	Dec. 25	4010	861	125	2476
Levi, Henry. (See Wilson, John J., assignor.)						
Levia, George. (See Millard, Charles O., assignor.)						
Levin, Arvid M., Chicago, Ill. Gas-producer.	835,626	Nov. 13	1494	318-19	125	421
Levin, David R., and G. E. Sundstrom, Chicago, Ill.; said Sundstrom assignor to said Levin. Sheet-metal receptacle.	811,728	Feb. 6	359	79	120	1566
Levin, Josef, Munich, Germany. Fixing incandescent lamps.	831,724	Sept. 25	3692	773	124	1029
Levin, Judah L., Detroit, Mich. Calculating-machine.	815,542	Mar. 20	3139	657	121	791
Levinson, Charles, New York, N. Y. Electric railway.	809,120	Jan. 2	993	205	120	219
Levinson, Isaac A. (See Lazarus, Henry E., assignor.)						
Levis, Adolore J., Houghton, Mich. Cutting and punching tool.	824,551	June 26	4613	979	122	2893
Levis, Bertie G., Friedenau, Germany. Apparatus for building composite mica plates.	833,401	Oct. 16	2805	594	124	1986
Levison, Alexander, <i>et al.</i> (See Levison, Benjamin, assignor.)						
Levison, Benjamin, assignor of two-thirds to A. and H. Levison, San Francisco, Cal. Twine-holder.	814,462	Mar. 6	936	192	121	204
Levison, Chancellor G., New York, assignor to E. F. Payne, Highland Mills, N. Y. Fishing-rod.	828,557	Aug. 14	1751	368	123	2134
Levison, Harry, <i>et al.</i> (See Levison, Benjamin, assignor.)						
Levy, Abraham B. (See Bleo, John H., assignor.)						
Levy, Albert, Philadelphia, Pa. Stocking-supporter.	838,555	Dec. 18	2555	552	125	2075
Levy, Bertram A., New York, N. Y. Projecting pictures.	829,276	Aug. 21	3212	675	123	2535
Levy, Firm of Henri. (See Berger, Ernst, assignor.)						
Levy, George B., Chicago, Ill., assignor to Studebaker Brothers Manufacturing Company, South Bend, Ind. Wind-guard for motor-vehicles.	827,377	July 31	5486	1140	123	1448
Levy, Henri. (See Berger, Ernst, assignor.)						
Levy, Henry B., New York, N. Y. Fountain-pen.	819,294	May 1	523	110	122	121
Levy, Louis E., Philadelphia, Pa. Matrix-making machine.	827,872	Aug. 7	355	76	123	1758
Levy, Milton R., <i>et al.</i> (See Cuff, James M., assignor.)						
Levy, Morris. (See Holmberg, Per, assignor.)						
Levy, Morris. (See Neihysel, Jacob, assignor.)						
Levy, Salo, New York, N. Y. Clasp.	828,672	Aug. 14	1961	413	123	2187
Lewallen, Charles A., Kansas City, Kans., and L. E. Stetler, assignors of one-third to G. L. Matchan, Minneapolis, Minn. Smoke-consumer.	836,449	Nov. 20	3094	656	125	861
Lewellen, Samuel, Philadelphia, Pa. Stamp-affixer.	827,983	Aug. 7	575	117	123	1815
Lewereng, Edward, Davidson, Me. Railway-rail joint.	838,429	Dec. 11	2307	499	125	1970
Lewin, Simon, Schöneberg, near Berlin, and A. Blumenthal, Berlin, Germany. Manufacturing artificial tails from fur.	810,159	Jan. 16	3121	645	120	766
Lewis, Albert H., assignor of one-half to J. H. Porcher, New Comerstown, Ohio. Valved bottle-closure.	835,706	Nov. 13	1629	347	125	454
Lewis, Alfred, Kettering, assignor to Mobbs and Lewis, Limited, Carrington Foundry, Kettering, England. Filler for boots and shoes.	815,599	Mar. 20	3237	680	121	813
Lewis, Allen A., Hazelton, Iowa. Retaining-stall for calves.	809,923	Jan. 9	2621	541	120	610
Lewis, Arthur W., Moscow, Ky. Car-coupling and draw-head.	817,077	Apr. 3	1042	216	121	1589
Lewis, Arthur W., Moscow, Ky. Nut-lock.	837,629	Dec. 4	699	161	125	1528
Lewis Blind Stitch Machine Company. (See Lewis, John G., assignor.)						
Lewis Blind Stitch Machine Company. (See Lewis and Bagley, assignors.)						
Lewis, Charles A., Denver, Colo. Mechanical toy.	823,882	June 19	3300	701	122	2556
Lewis, Charles H. (See Williams, Elkanah G., assignor.)						
Lewis, Charles M., <i>et al.</i> (See Heaton, John S., assignor.)						
Lewis, Charles M., Camden, N. J., assignor of one-half to A. Thompson, Safe Harbor, Pa. Match-making machine.	837,694	Dec. 4	833	188-90	125	1561
Lewis, Claude H. (See Keeran and Lewis.)						
Lewis, David M. (See Turner and Lewis.)						
Lewis, De Witt E., Bennington, Vt. Eyeglasses.	832,489	Oct. 2	946	187	124	1440
Lewis, Edgar O. (See Story, Zachariah T., assignor.)						
Lewis, Edward, Winnipeg, Canada. Fifth-wheel for vehicles.	816,168	Mar. 27	4440	940	121	1124
Lewis, Edward B., Howardsville, Va. Desk.	821,945	May 29	5931	1262	122	1553

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lewis, Edward D., Chicago, Ill. Curtain-supporter.....	826,176	July 17	3023	627	123	801
Lewis, Elliott L., Troy, N. Y. Temperature and pressure alarm device.....	829,590	Aug. 28	3893	825	123	2751
Lewis, Emily S., Philadelphia, Pa. Holder for nursing-bottles.....	816,105	Mar. 27	4310	913	121	1097
Lewis, Frank E., assignor to W. E. Johnson, Troy, Ohio. Motor.....	815,444	Mar. 20	2963	616	121	754
Lewis, Fred S., assignor of one-half to W. J. Edgar, Port Allegany, Pa. Automatic glass-blowing apparatus.....	834,012	Oct. 23	4223	895-6	124	2371
Lewis, Frederick A., Melbourne, Victoria, Australia. Apparatus for preventing smoke.....	814,550	Mar. 6	1104	230	121	240
Lewis, Frederick G., Wheaton, Ill. Snap-hook.....	831,083	Sept. 18	2405	504	124	664
Lewis, George L., West Pullman, Ill. Jeweler's chuck.....	839,776	Dec. 25	4973	1061	125	2712
Lewis, Harry A., Norristown, Pa. Stroke and power changing device.....	820,933	May 15	3886	828	122	984
Lewis, Harry W. (See Arnold, George T., assignor.)						
Lewis, Henry B., Detroit, Mich. Automobile-truck.....	834,146	Oct. 23	4518	959	124	2447
Lewis, Iddo E., Gulfport, assignor of one-half to J. C. Longstreet, Jackson, Miss. Egg-tester.....	833,788	Oct. 23	3591	767	124	2217
Lewis, James E., Steelton, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Railway-frog.....	815,719	Mar. 20	3492	731	121	869
Lewis, James E., Steelton, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Railway crossing or frog.....	832,615	Oct. 9	1209	243	124	1545
Lewis, James W., assignor to Keystone Type Foundry, Philadelphia, Pa. Pantographic engraving-machine.....	839,011	Dec. 18	3382	730-2	125	2275
Lewis, Jay C., Shelby, Ohio. Carbureter.....	817,721	Apr. 10	2296	494	121	1918
Lewis, Jesse T. (See Lewis, Thomas and J. T.)						
Lewis, John G., assignor to Lewis Blind Stitch Machine Company, St. Louis, Mo. Seam for sewed articles.....	830,481	Sept. 4	1180	246	124	292
Lewis, John G., and C. W. Bagley, assignors to Lewis Blind Stitch Machine Company, St. Louis, Mo. Work-holding device for sewing-machines.....	814,057	Mar. 6	114	22	121	26
Lewis, John H., and L. G. Kunzer, Chicago, Ill. Metallic packing for piston-rods.....	832,068	Oct. 2	75	17	124	1230
Lewis, John S. (See Wagner and Lewis.)						
Lewis, Mortimer G. (See Hanimann, Charles, assignor.)						
Lewis, Nathaniel H. (See Lurve and Lewis.)						
Lewis, Richard W., assignor of one-half to J. D. Render, Roswell, N. Mex. Ter. Cuff-holder.....	830,794	Sept. 11	1830	380-1	124	491
Lewis, Robert S., <i>et al.</i> (See Mouck, Andrew B., assignor.)						
Lewis, Robert T., Jr., assignor to American Tube and Stamping Company, Bridgeport, Conn. Metal vehicle-wheel.....	838,630	Dec. 18	2703	579	125	2111
Lewis, Solomon G., and V. J. Ward, Millard, Fla. Turpentine box and spout.....	833,609	Oct. 16	3242	689	124	2088
Lewis, Theodore G., assignor to Buffalo Dental Manufacturing Company, Buffalo, N. Y. Handle for dental flasks.....	808,935	Jan. 2	614	134	120	136
Lewis, Theodore G., assignor to Buffalo Dental Manufacturing Company, Buffalo, N. Y. Fountain-spittoon.....	832,263	Oct. 2	502	94	124	1334
Lewis, Thomas and J. T. Smithfield, Pa. Wagon-raiser.....	827,543	July 31	5920	1227	123	1553
Lewis, Wilfred, Philadelphia, Pa. Saw-drive.....	812,853	Feb. 20	2661	583	120	2154
Lewis, William H. (See McSpadden, Wilkie, and Lewis.)						
Lewis, William H. A., Evansville, Ind. Safety-seat.....	823,690	June 19	2947	623-4	122	2477
Lewis, William P., Canton, Ohio. Making copper-coated iron or steel sheets.....	827,378	July 31	5487	1141	123	1448
Lewis, William P., Canton, Ohio. Making sheets for tinning.....	827,696	July 31	6249	1297	123	1642
Lewis, William P., and T. R. Williams, Canton, Ohio. Catcher for tinning-machines.....	818,838	Apr. 24	4592	984-5	121	2524
Lewis, William Y., Flushing, assignor to S. Pearson and Son, Inc., Long Island City, N. Y. Calking.....	838,341	Dec. 11	2137	463	125	1929
Lewkowicz, Ladis, St. Louis, Mo. Flying toy.....	829,660	Aug. 28	4030	853	123	2784
Lewy, Julius, Frankfurt-on-the-Main, Germany. Illuminant.....	809,121	Jan. 2	995	.....	120	219
Leyerd, August, Chicago, Ill. Air-moistening device.....	835,542	Nov. 13	1325	284	125	378
Leyers, Charles J., East Rutherford, N. J. Apparatus for making wire-core hair-pins.....	814,058	Mar. 6	116	22-3	121	26
Leyes, Louis, City Island, N. Y. Pipe-cutter.....	823,796	June 19	3140	665-6	122	2519
Leyh, Carl A., assignor to I. Seligstein, St. Louis, Mo. Millinery-box.....	815,543	Mar. 20	3143	657-8	121	792
Leyner, John G., Denver, Colo. Rock-drill.....	815,299	Mar. 13	2599	546-7	121	626
Leyner, John G., Denver, Colo. Drill-bit-rotating mechanism for rock-drilling engines.....	816,021	Mar. 27	4134	876	121	1058
Liaci, Cosmo, assignor of three-fourths to R. Gagliardi, L. Colavecchio, and E. Ferrainolo, New Haven, Conn. Wrench.....	822,962	June 12	1451	302	122	2091
Liaci, Cosmo, assignor of three-fourths to R. Gagliardi, L. Colavecchio, and E. Ferrainolo, New Haven, Conn. Keyless padlock.....	834,917	Nov. 6	80	16	125	23
Libbe, John H. W., Toledo, Ohio. Excavator.....	820,055	May 8	2102	459	122	532
Libbe, John H. W., Toledo, Ohio. Excavating-dipper.....	822,529	June 5	587	118	122	1856
Libbey Glass Company. (See Donovan, William F., assignor.)						
Libby, Albion D. T., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone cord-circuit.....	836,514	Nov. 20	3202	680	125	889
Libby, Charles T., Portland, Me. Linotype-machine.....	822,286	June 5	118	24-5	122	1754
Libby, Charles T., Portland, Me. Linotype-machine.....	832,396	Oct. 2	754	147	124	1394
Libby, Charles T., Portland, Me. Linotype-machine.....	832,397	Oct. 2	757	148	124	1394
Libby, Charles T., Portland, Me. Linotype-machine.....	832,398	Oct. 2	763	148	124	1396
Libby, George W., Portland, Me. Nut-lock.....	829,591	Aug. 28	3894	825	123	2751
Libby, Sam H., East Orange, N. J., assignor to Sprague Electric Company. Brake.....	812,758	Feb. 13	2473	542	120	2068
Libby, Sam H., East Orange, N. J., assignor to Sprague Electric Company. Automatic carrier.....	816,484	Mar. 27	5093	1080	121	1262
Libby, Sam H., East Orange, N. J., assignor to Sprague Electric Company. Automatic motor control.....	834,147	Oct. 23	4519	959-60	124	2447
Libby, Sam H., East Orange, N. J., assignor to General Electric Company. Means for controlling fluid-compressors.....	839,609	Dec. 25	4613	985	125	2623
Lieberman, Bernard, Philadelphia, Pa. Cigar-branding machine.....	811,071	Jan. 30	4994	1042	120	1245
Lieberman, Bernard, Philadelphia, Pa. Cigar-rolling table and wrapper-cutter.....	817,493	Apr. 10	1886	397-8	121	1830
Libert, Jean, Brussels, Belgium. Pipe-joint.....	837,482	Dec. 4	408	93	125	1458
Liberty Manufacturing Company. (See McIntosh, Ross S., assignor.)						
Liberty Manufacturing Company. (See Van Orner, Herman, assignor.)						
Library Bureau. (See Hunter, David E., assignor.)						
Licey, John O., River Styx, Ohio. Tobacco-cartridge.....	824,552	June 26	4614	979	122	2893
Licey, John O., River Styx, Ohio. Holdback.....	833,884	Oct. 23	3818	811	124	2275
Lichte, William, Bigspring, Mo. Loading-frame.....	830,340	Sept. 4	880	181	124	219
Lichtenstein, David, Chicago, Ill. Composition of matter.....	809,068	Jan. 2	873	.....	120	193
Lichtenstein, Theodore D., Silvertown, near London, England. Product of caramel.....	829,478	Aug. 28	3657	.....	123	2693
Lickman, Albert E., Baltimore, Md. Toothpick.....	817,978	Apr. 17	2853	618	121	2097
Liddell, William, Brooklyn, N. Y., assignor to Continental Paper Bag Company. Paper-bag machine.....	814,006	Feb. 27	4958	1098-9	120	2707
Liddle, George T., Muskegon, Mich. Device for thawing frosted fire-hydrants. water-mains, and service-pipes from mains to house-hydrants.....	827,025	July 24	4729	986	123	1244

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & Eng.	Vol.	Page.
Lidgerwood Manufacturing Company. (See Butler, Joseph, assignor.)						
Lidgerwood Manufacturing Company. (See Covell, Harry N., assignor.)						
Lidgerwood Manufacturing Company. (See Locher, Charles H., assignor.)						
Lidgerwood Manufacturing Company. (See Tribken, Charles W., assignor.)						
Lidholm, Johan H., Alby, Sweden. Making compounds of acetylene and chlorin	831,725	Sept. 25	3693		124	1029
Lidke, Otto F., and G. Seymour, Ypsilanti, Mich. Fence-post.	809,824	Jan. 9	2424	503	120	566
Lidster, Milner, and J. Hoellig, Los Angeles, Cal. Trolley-pole controller	828,489	Aug. 14	1612	340	123	2098
Lieb, John A., Jr., Newark, N. J. Finger-ring.	831,361	Sept. 18	2935	622	124	793
Lieb, Robert C., assignor to J. E. Annis, Chattanooga, Tenn. Fireproof metal window.	811,072	Jan. 30	4996	1043	120	1245
Liebau, Gustav H., Metuchen, N. J., assignor of one-half to C. A. Wanner, Melrose Park, and J. A. Stahr, Elkins Park, Pa. Making cement structures waterproof.	825,846	July 10	2397		123	631
Lieber, Hugo, New York, N. Y. Radium surface.	821,655	May 29	5361	1143	122	1425
Lieberman, Leon, Atlanta, Ga. Trunk.	826,436	July 17	3512	732	123	919
Liebhart, Julius C., Belleville, N. J., assignor, by mesne assignments, to Globe Exhibiting Company, New York, N. Y. Clutch mechanism for exhibiting-machines.	817,178	Apr. 10	1250	258-9	121	1697
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Magnesium perborate.	816,925	Apr. 3	757		121	1526
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Zinc perborate.	824,798	July 3	230		123	65
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Manufacture of glycolic acid.	837,083	Nov. 27	4393		125	1217
Liebold, Richard, Weimar, Germany. Manufacture of acid-proof and impermeable cements. (Reissue.)	12,470	Apr. 3	1183		121	1623
Liebreich, Hans, and L. D. Lothrop, Gloucester, Mass. Toy.	833,610	Oct. 16	3243	689	124	2089
Lieckfeld, Georg. (See Fettback and Lieckfeld.)						
Liedke, Willibald, and O. Rabenhorst, Charlottenburg, Germany. Incandescent spirit-lamp.	820,002	May 8	1994	437	122	506
Lien, Christian, Salt Lake City, Utah. Anticreeper.	816,926	Apr. 3	757	156	121	1526
Lien, Narve T., Brinsmade, N. D. Plow attachment.	838,342	Dec. 11	2138	463	125	1930
Lien, Nils M., Langhei, Minn. Interlocking clevis.	809,511	Jan. 9	1829	378	120	436
Lieske, Frank, Marquette, assignor of one-half to J. J. Moriarty, Hudson, Mich. Hen's nest.	811,156	Jan. 30	5176	1081	120	1283
Liesmann, Louis, assignor of two-fifths to F. Welch and W. F. Carter, Dixon, Mo. Railway stock-guard.	813,220	Feb. 20	3400	749	120	2314
Lievens, Pierre, and G. Jahn, Brussels, Belgium. Safety-lock.	834,310	Oct. 30	4859	1026	124	2575
Life-Saving Folding Canvas Boat Company. (See Perring, Ira O., assignor.)						
Lifvendahl, Axel F., Chicago, Ill. Door stop and holder.	819,356	May 1	659	138	122	150
Liggett, Frank T., North Yakima, assignor of one-half to J. A. Drain, Olympia, Wash. Rotary valve for engines.	823,883	June 19	3302	701-2	122	2556
Light, Samuel E. (See Weaver, Isaac D., assignor.)						
Lightbody, William P., Johannesburg, Transvaal. Mechanism for sharpening rock-drills.	815,720	Mar. 20	3494	731	121	870
Lightbody, William P., Johannesburg, Transvaal. Mechanism for sharpening rock-drills.	815,843	Mar. 20	3787	798-9	121	930
Lightbody, William P., Johannesburg, Transvaal. Mechanism for shaping and swaging rock-drills.	815,844	Mar. 20	3788	799	121	931
Lightbody, William P., Johannesburg, Transvaal. Mechanism for shaping and swaging rock-drills.	815,845	Mar. 20	3789	800	121	931
Lightbown, Charles M. (See Lightbown, Emma J., assignor.)						
Lightbown, Emma J., assignor of one-half to C. M. Lightbown, Brentwood, Md. Grid-die-greaser.	825,400	July 10	1434	299	123	390
Lightburne, James S. (See Rich, George W., assignor.)						
Lightcap, Harry. (See Comer and Lightcap.)						
Lightfoot, H. W. (See Stone, Francis I., assignor.)						
Lighty, Milford, and A. Betts, Homestead, Pa. Indicator.	827,544	July 31	5921	1227	123	1554
Ligon, Joseph W., Greenville, S. C. Press-copying.	823,691	June 19	2949		122	2478
Lilienfeld, Leon, Vienna, Austria-Hungary. Producing metallic or lustrous colors for printing on fabrics.	815,600	Mar. 20	3238		121	813
Lilienfeld, Leon, Vienna, Austria-Hungary. Coloring-matter for producing silk-like or pearl-luster effects.	834,739	Oct. 30	5686		124	2786
Liliger, Frank, St. Joseph, Mo. Hook-lock.	822,675	June 5	893	182	122	1926
Liljeros, Carl O., New York, N. Y., assignor of two-thirds to G. A. Kerr, Bloomfield, and L. Shanno, Englewood, N. J. Envelope-closing machine.	822,616	June 5	775	157-8	122	1899
Lillie, George. (See Demarest and Lillie.)						
Lillywhite, William, Southampton, N. Y. Holder or press for tennis-rackets and similar articles.	832,915	Oct. 9	1815	375	124	1689
Lima, Frank J., Lynn, Mass. Cutting-die.	831,791	Sept. 25	3808	797	124	1058
Limberg, William F., Fairground, N. Y. Steam-turbine.	831,558	Sept. 25	3330	698-9	124	929
Lincoln Company. (See Lincoln, John C., assignor.)						
Lincoln, Frederick H., Philadelphia, Pa. Gear-casing.	808,995	Jan. 2	744	161	120	164
Lincoln, John C., assignor to Lincoln Company, Cleveland, Ohio. Electrically-operated mine-door-actuating mechanism.	829,974	Sept. 4	117	20	124	29
Lincoln, John C., assignor to Lincoln Company, Cleveland, Ohio. Variable-speed electric motor.	829,975	Sept. 4	120	20-1	124	29
Lincoln, Ward W., Rock Falls, assignor of one-half to E. J. Cochran, Sterling, Ill. Reeling-machine.	815,184	Mar. 13	2388	497	121	578
Lind, Arvid A., Malmö, assignor to Elektromilitära Aktiebolaget, Stockholm, Sweden. Microtelephone.	835,860	Nov. 13	1922	406	125	526
Lind, Axel E., assignor to Gallaher and Speck, Chicago, Ill. Book-stapling machine.	832,681	Oct. 9	1336	269-71	124	1574
Lind, Gustaf A. L., New Dorchester, Mass. Rotary engine.	810,062	Jan. 16	2940	612	120	731
Lind, James G., Providence, R. I. Pipe-wrench.	826,728	July 24	4170	866	123	1106
Lind, John W., Dorchester, assignor of one-half to J. J. Morris, Boston, Mass. Pipe-wrench.	827,873	Aug. 7	356	76	123	1759
Lindall, John, Boston, and P. Winsor, Weston, Mass. Rail-cleaning apparatus.	816,485	Mar. 27	5097	1080	121	1264
Lindberg, Johan, Crookston, Minn. Steam-engine.	815,185	Mar. 13	2390	498	121	579
Lindberg, John F. (See Christofferson and Lindberg.)						
Lindberg, Martin F., Helsingborg, Sweden. Edge-setter iron with stitch-wheel.	839,012	Dec. 18	3391	732	125	2278
Lindberg, Oscar F., Bradford, Pa. Clamp for foundry-basks.	827,874	Aug. 7	358	76	123	1759
Lindberg, Peter, deceased, De Kalb, Ill.; A. W. Fisk, administrator. Planetarium.	831,231	Sept. 18	2675	562-3	124	725
Lindblom, Walter L., McCracken, Kans. Spindle-bearing.	829,165	Aug. 21	3000	625-6	123	2483
Linde, Carl, Munich, Germany, assignor of one-third to C. F. Brush, Cleveland, Ohio. Apparatus for liquefying gas and separating its elements.	815,544	Mar. 20	3144	658	121	792
Linde, Carl, Munich, Germany, assignor of one-third to C. F. Brush, Cleveland, Ohio. Apparatus for producing pure nitrogen.	815,601	Mar. 20	3239	680	121	813
Lindecker, Charles H., Briangon, France. Suspension member for six-wheel vehicles.	838,343	Dec. 11	2139	463	125	1930

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Lindemann, Robert, Osnabrück, Germany. Duplex smelting-furnace.....	810,063	Jan. 16	2941	612	120	731
Lindén, Arthur, and P. Hiersemann, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vesterås, Sweden. Current-collector.....	827,314	July 31	5364	1115	123	1418
Linden, John J. (See Rockwell and Linden.)						
Linden, John J., New York, N. Y. Stop mechanism for bakers' ovens.....	824,553	June 26	4615	980	122	2893
Linden, John O., Prophetstown, Ill. Snow loader and unloader.....	825,226	July 3	1071	226	123	280
Linden, Josephine, Lake Linden, Mich. Scissors cutting-guide.....	831,619	Sept. 25	3451	725	124	961
Lindenberg, Frank H., assignor to Columbus Brass Company, Columbus, Ohio. Closet-tank.....	811,937	Feb. 6	808	177	120	1654
Lindenthal, Gustav, New York, N. Y. Rocker or support.....	834,820	Oct. 30	5868	1243	124	2830
Lindenthal, Gustav, New York, N. Y. Car-truck.....	834,821	Oct. 30	5869	1244	124	2831
Linder, Fritz, Sr. (See Egersdörfer, Fritz, assignor.)						
Linderman, Albert T., Whitehall, Mich. Lumber-joining machine.....	827,738	Aug. 7	82	16-19	123	1690
Linderman, Charles D., Cortland, Neb. Target-trap.....	834,211	Oct. 23	4641	985	124	2477
Linderman, Charles V., and C. W. Corson, East Pittsburg, Pa. Toy.....	814,463	Mar. 6	937	192	121	204
Lindgren, Alexis C., Moline, Ill., assignor to Moline Plow Company. Wheeled plow.....	810,779	Jan. 23	4410	914-15	120	1085
Lindgren, Alexis C., Moline, Ill., assignor to Moline Plow Company. Cultivator-yoke.....	815,602	Mar. 20	3240	680	121	813
Lindgren, Alexis C., Moline, Ill., assignor to Moline Plow Company. Corn-planter.....	815,603	Mar. 20	3242	681	121	814
Lindgren, Alexis C., Moline, Ill., assignor to Moline Plow Company. Balancing mechanism for wheel-cultivators.....	816,868	Apr. 3	636	132	121	1499
Lindgren, Alexis C., Moline, Ill., assignor to Moline Plow Company. Valve mechanism for seed-planters.....	823,884	June 19	3305	703	122	2557
Lindgren, August, Moline, Ill., assignor to Moline Plow Company. Device for securing shovel-standards to cultivator-beams.....	823,340	June 12	2251	470	122	2268
Lindgren, August, Moline, Ill., assignor to Moline Plow Company. Cultivator.....	828,615	Aug. 14	1853	390-1	123	2160
Lindgren, August, Moline, Ill., assignor to Moline Plow Company. Plow.....	830,341	Sept. 4	881	181-2	124	219
Lindgren, Bror J., New York, N. Y., assignor to E. W. Bliss Company. Perforating-machine.....	813,049	Feb. 20	3043	670-1	120	2238
Lindgren, Bror J., Buffalo, N. Y., assignor, by mesne assignments, to American Can Company. Machine for heading cans and boxes. (Reissue).....	12,569	Nov. 27	4751	1006-7	125	1304
Lindgren, Bror J., and J. Humelbuehler, assignors to Niagara Machine & Tool Works, Buffalo, N. Y. Seaming-machine for sheet-metal articles.....	827,163	July 31	5079	1056	123	1349
Lindgren, Carl J., Warren, Pa. Vise.....	829,976	Sept. 4	126	21	124	31
Lindgren, Erick W., Hagalund, near Stockholm, Sweden. Coin-controlled liquid-vending apparatus.....	817,788	Apr. 17	2466	527	121	2009
Lindgren, Paul K., Worcester, Mass. Cylinder-lock and key therefor.....	834,918	Nov. 6	82	16	125	24
Lindhard, Povl T., New York, N. Y. Grinding-mill.....	813,903	Feb. 27	4756	1050	120	2668
Lindley, Ernest, assignor of one-half to W. E. Fielman, Kirkwood, Ill. Coin-counter.....	832,204	Oct. 2	376	69-70	124	1304
Lindley, Lowell F., Chicago, Ill. Tiling.....	820,221	May 8	2429	527	122	604
Lindley, William J., Carlisle, Iowa. Wire-stretcher.....	828,820	Aug. 14	2247	478	123	2260
Lindmueller, Edward. (See Mowry, Joseph B., assignor.)						
Lindner, Henry E., and H. J. Kallinich, Hartford, Conn. Match-box.....	813,503	Feb. 27	3971	871	120	2498
Lindner, Stephan, and M. G. Roberts, Detroit, Mich. Hot-water heating-furnace.....	816,927	Apr. 3	760	157	121	1527
Lindquist, Albert V., Alexandria, Minn. Film-developing machine.....	815,300	Mar. 13	2603	547	121	627
Lindquist, Albert V., Alexandria, Minn. Reel.....	832,069	Oct. 2	77	17	124	1231
Lindquist, Edward W. (See Baggeley, Allen, and Lindquist.)						
Lindquist, Frederick. (See Edbrooke and Lindquist.)						
Lindsay, Anson J., Toronto, Canada. Power-transmission means.....	816,022	Mar. 27	4140	877	121	1059
Lindsay, Calvin G., Lexington, Ill. Gate.....	823,692	June 19	2950	624	122	2478
Lindsay, Charles R., Jr., Chicago, Ill. Combination carton and gauze cap.....	826,949	July 24	4585	954	123	1210
Lindsay, Clarence A., New York, N. Y. Inflatable toy.....	816,106	Mar. 27	4311	913	121	1097
Lindsay, Clarence A., New York, N. Y. Striking-bag or other fluid-receptacle.....	821,722	May 29	5505	1173	122	1456
Lindsay, David E., Etna, Pa. Rail and tie for railways.....	820,722	May 15	3420	732	122	881
Lindsay, George B. (See Pearson and Lindsay.)						
Lindsay, George F., Sherman, Tex. Hame and trace connector.....	814,222	Mar. 6	429	88	121	93
Lindsay, James W., Cohoes, N. Y. Jointer-gage.....	830,603	Sept. 11	1431	297	124	382
Lindsay, Leroy J., assignor to J. E. and I. E. Armintrout, Seymour, Iowa. Marker for corn-planters.....	821,593	May 22	5219	1114	122	1337
Lindsay, Robert F., assignor of one-half to J. M. Hogan, Greenville, S. C. Valve-protector.....	828,036	Aug. 7	695	144	123	1843
Lindsay, William E., assignor to Crown Cork & Seal Co., Baltimore, Md. Punching-machine.....	829,277	Aug. 21	3213	675-6	123	2535
Linsley, Benjamin F., Mansfield, Ohio. Bed-spring.....	812,939	Feb. 20	2837	626	120	2195
Linsley, Charles, New Britain, Conn. Sparring apparatus.....	835,796	Nov. 13	1803	382	125	99
Linsley, Frank W., Jersey City, N. J. Horseshoe.....	829,114	Aug. 21	2864	601	123	2449
Linsly, Harry C., Kansas City, Mo. Head-block.....	808,665	Jan. 2	85	19	120	21
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, McKees Rocks, Pa. Truck-bolster.....	817,789	Apr. 17	2468	528	121	2010
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, Pittsburg, Pa. Truck-bolster.....	832,683	Oct. 9	1345	272	124	1575
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, Pittsburg, Pa. Steel-car construction.....	833,402	Oct. 16	2806	594-5	124	1986
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, Pittsburg, Pa. Body-bolster.....	834,311	Oct. 30	4861	1027	124	2576
Lindström, Charles A., Allegheny, and J. F. Streib, Avalon, assignors to Pressed Steel Car Company, Pittsburg, Pa. Steel car.....	832,682	Oct. 9	1344	271	124	1575
Lindstrom, Frank, Marquette, Kans. Draft-equalizer.....	825,739	July 10	2203	459	123	583
Lindström, Gustaf A., Stamford, Conn. Door latch and lock.....	820,056	May 8	2108	459-60	122	533
Lindstrom, John T., Allentown, Pa. Steam-trap.....	824,554	June 26	4618	980-1	122	2894
Lindström, Karl A., Vesterås, Sweden. Electric-alternating-current machine.....	809,706	Jan. 9	2216	460	120	519
Lineback, John B., assignor of one-half to R. S. Morris, Siloam Springs, Ark. Railway-signal.....	821,515	May 22	5078	1082	122	1307
Linebarger, Oliver, Council Bluffs, Iowa. Shade-hanger.....	814,149	Mar. 6	291	58	121	64
Linfoot, Ernest E., Philadelphia, Pa. Manifold-paper and producing the same.....	831,559	Sept. 25	3331	699-700	124	930
Ling, Robert H., Wehrum, Pa. Automatic safety-brake for tread-powers.....	833,067	Oct. 9	2101	442	124	1759
Lingard, Thomas W., Oak Grove, Ala. Traction device.....	834,740	Oct. 30	5687	1207	124	2786
Lingard, Thomas W., Oak Grove, Ala. Freight-carrier.....	834,822	Oct. 30	5872	1245	124	2832
Lingemann, Christian A., St. Louis, Mo. Incubator.....	824,665	June 26	4827	1029-30	122	2940
Lingenfelter, Carl E., assignor to Scully Steel & Iron Company, Chicago, Ill. Pipe or hose coupling.....	827,739	Aug. 7	90	19	123	1692
Lingenfelter, Frank D., Patrick, Wyo. Running-gear.....	810,160	Jan. 16	3122	646	120	767
Lingenfelter, Frank D., Patrick, Wyo. Wire-reeling machine.....	830,239	Sept. 4	682	137	124	172
Lingenfelter, Snyder C., Girard, Ohio. Lathing machinery.....	835,026	Nov. 6	304	65	125	79
Lingo, Frank M., assignor of two-thirds to O. C. Steinmetz and J. A. Cain, Columbus, Ohio. Suspender connection.....	826,674	July 24	4069	843	123	1082

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Link, Alvina L. (See Shilling and Link.)						
Link Belt Engineering Company. (See Edgar, Linden E., assignor.)						
Link Belt Engineering Company. (See Hetzel, Frederic V., assignor.)						
Link Belt Engineering Company. (See Hetzel and Waechter, assignors.)						
Link Belt Machinery Company. (See Peck, Staunton B., assignor.)						
Link, Oliver, St. Charles, assignor to St. Louis Car Roof Company, St. Louis, Mo. Car-roof.	820,362	May 8	2703	590	122	665
Linke, Hans, New York, N. Y. Piston-rod-moving device.	813,158	Feb. 20	3277	720	120	2290
Linkenbach, William, and G. Walton, Addison township, Shelby county; said Linkenbach assignor of one-eighth to H. Beynon, Shelbyville, Ind. Gravity door-lock.	832,551	Oct. 2	1059	212	124	1468
Linker, William A. (See Hamilton and Linker.)						
Linkins, Charles. (See Geraci, Ignatius, assignor.)						
Linkmeyer, Rudolf, Brussels, Belgium. Manufacture of lustrous cellulose threads.	839,013	Dec. 18	3392		125	2278
Linkmeyer, Rudolf, Brussels, Belgium. Manufacture of lustrous threads of cellulose.	839,014	Dec. 18	3393		125	2279
Linkswiler, Stirling P. (See Boomer and Linkswiler.)						
Linn, John B., Schenectady, N. Y., assignor to General Electric Company. Pneumatic train-control system.	809,707	Jan. 9	2218	460-1	120	519
Linn, John B., Schenectady, N. Y., assignor to General Electric Company. Electric-motor controller.	819,563	May 1	1032	226	122	232
Linn, Thomas W., and J. H. Patrick, Clymers, Ind. Derailer.	825,740	July 10	2206	459	123	584
Linnartz, Anselm J. (See Knie and Linnartz.)						
Linnig, Charles E., Peru, Ill. Protector for spectacles.	809,194	Jan. 2	1125	234	120	248
Linnig, Charles E., Peru, Ill. Protector for spectacles.	822,137	May 29	6290	1340	122	1635
Linotype Company. (See Barr, Mark, assignor.)						
Linotype & Machinery. (See Barr, Mark, assignor.)						
Linotype and Machinery. (See North, Thomas M., assignor.)						
Linotype and Machinery. (See Sutcliffe, Frederick W., assignor.)						
Linotype and Machinery. (See Sutcliffe and Holliwell, assignors.)						
Linotype and Machinery. (See Wood and Goulding, assignors.)						
Lincott, Thomas S., Brantford, Canada. Scissors.	826,587	July 24	3902	808	123	1037
Linscott, William D., Piedmont, S. D. Cattle-guard.	810,064	Jan. 16	2943	612-13	120	731
Linstrom, Frank, Castlewood, S. D. Incubator.	828,490	Aug. 14	1614	341	123	2098
Lintern, William, Cleveland, Ohio. Electric-car signal-circuit.	825,847	July 10	2398	500	123	631
Linthicum, Charles W., assignor to G. S. Linthicum, Baltimore, Md. Protector for boots and shoes.	808,666	Jan. 2	87	19	120	21
Linthicum, George S. (See Linthicum, Charles W., assignor.)						
Lintner, O. W. (See McManmon, John J., assignor.)						
Linton, Ernest O., Marion, assignor, by mesne assignments, to Syphonic Measure Tank Company, Sheboygan, Wis. Measuring appliance and compressor for liquids. (Re-issue)	12,439	Jan. 23	4656	970	120	1136
Linton, John G., Trinity Center, Cal. Plumb-level.	837,314	Dec. 4	75	20	125	1373
Linton, John S., New York, N. Y. Saw-gage.	812,574	Feb. 13	2135	468	120	2002
Linton, Morris, Moorestown, N. J., assignor to Burnham, Williams & Company, Philadelphia, Pa. Brake-beam hanger.	815,024	Mar. 13	2056	430	121	503
Linton, Morris, Moorestown, N. J., assignor to Burnham, Williams & Company, Philadelphia, Pa. Means for adjusting the height of spring-planks for railway-trucks.	817,078	Apr. 3	1043	216	121	1589
Lintz, Jules J., Montclair, N. J. Photographic plate and film lifter.	808,936	Jan. 2	615	134	120	136
Linville, Stephen A. M., Concordia, Kans. Floor-scraper.	812,055	Feb. 6	1048	228	120	1702
Linwood, William J., and J. Bennett, Raton, N. Mex. Ter. Metal protecting-sole for footwear.	832,987	Oct. 9	1942	406	124	1719
Lion Fence Co. (See Bowerfind, Edward J., assignor.)						
Lipe, Charles E., and A. T. Brown, Syracuse, N. Y. Changeable gear.	821,248	May 22	4529	964	122	1187
Lipe, Willard C., Syracuse, N. Y. Gear.	829,926	Aug. 28	4610	970	123	2927
Lipkowitz, Sarah, New York, N. Y. Supporter.	815,604	Mar. 20	3248	682	121	815
Lipman, Alexander M., Dover, England. Holder or clip for invoices or the like.	825,139	July 3	893	188	123	236
Lipowsky, Franz, Vienna, Austria-Hungary, assignor to General-Management of the Court Hugo, Lazy, Arthur Henckel von Donnersmarch Beutlieu, Breslau, Germany. Paper-cutting machine.	833,470	Oct. 16	2959	628	124	2022
Lipp, Louis, Cincinnati, Ohio. Flushing outfit for water-closets.	831,671	Sept. 25	3593	754	124	1002
Lippard, Henry G., Woodleaf, N. C. Combined desk and seat.	827,245	July 31	5233	1086	123	1387
Lippe, Philipp G. von der, Vienna, Austria-Hungary. Apparatus for illuminating photographic studios with electric incandescent lamps.	837,084	Nov. 27	4394	932	125	1217
Lippert, Samuel, assignor of one-half to J. Schauweker, Cleveland, Ohio. Screw-cutting device.	838,344	Dec. 11	2141	463	125	1930
Lippincott, Frank T., Newark, Ohio. Stage-screw.	820,655	May 15	3284	705	122	850
Lippman, Jacob. (See Smith, Andrew J., assignor.)						
Lipschutz, Arthur, St. Louis, Mo. Journal-bearing.	809,708	Jan. 9	2223	461	120	521
Lipschutz, Arthur, St. Louis, Mo. Journal-box lid.	813,504	Feb. 27	3972	871-2	120	2498
Lipschutz, Arthur, Chicago, Ill. Journal-box lid. (Reissue)	12,509	July 24	4841	1008	123	1271
Lipschutz, Arthur, assignor of one-half to H. W. Wolff, St. Louis, Mo. Roof-carline.	811,073	Jan. 30	4999	1044	120	1246
Lipschutz, Arthur, St. Louis, Mo., assignor to National Coal Dump Car Company. Combination freight and dump car.	834,823	Oct. 30	5875	1245-6	124	2833
Lipschutz, Arthur, St. Louis, Mo., assignor to National Coal Dump Car Company. Combination freight and dump car.	834,824	Oct. 30	5881	1246-7	124	2835
Lipschutz, Arthur, Chicago, Ill., assignor of one-half to H. W. Wolff, St. Louis, Mo. Cast-steel car-truck.	822,676	June 5	894	183	122	1926
Lipsev, Samuel T., Georgetown, S. C. Saw-swage.	818,179	Apr. 17	3258	698-9	121	2184
Liquid Carbonic Company. (See Bodman, Walter L., assignor.)						
Liquid Wall Paper Company. (See Hagar, Franklin D., assignor.)						
Lisa, Paul R., Newark, N. J. Combination dish-washer and sterilizer.	831,084	Sept. 18	2405	505	124	665
Liss, Oswald, deceased; R. Reis, Vienna, Austria-Hungary, administrator. Metal sleeper for railways.	830,171	Sept. 4	540	110	124	137
Lissak, Ormond M., West Point, N. Y. Machine for assembling cartridge-clips.	810,065	Jan. 16	2943	613-14	120	732
Lissak, Ormond M., West Point, N. Y. Cartridge-clip.	810,161	Jan. 16	3123	646	120	767
Lissak, Ormond M., West Point, N. Y. Apparatus for jumping and vaulting.	811,417	Jan. 30	5681	1190	120	1391
Lissak, Ormond M., West Point, N. Y. Holder for cheeses.	826,790	July 24	4283	890	123	1136
Lister, Charles H. (See Mathews and Lister.)						
Lister, Frank. (See Springer and Lister.)						
Lister, William, Chicago, Ill. Rotary engine.	823,885	June 19	3307	703-4	122	2557
Liston, James C., Chatsworth, Ill. Land-marker.	821,178	May 22	4401	937	122	1158
Liston, James C., Chatsworth, Ill. Marker attachment for corn-planter.	831,961	Sept. 25	4167	868	124	1146
Litch, Lemuel W. assignor to George G. London Manufacturing Company, Lynn, Mass. Appliance for straightening the big toe.	826,515	July 17	3724	772	123	978
Lithgow, John M. (See Shoemaker and Lithgow.)						
Litsey, John P., Chicago, Ill. Globe-supporting device.	818,103	Apr. 17	3088	666	121	2146

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Littauer, Alfred, Brooklyn, N. Y., assignor to W. N. Sharp, Chicago, Ill. Surgical implement.	833,136	Oct. 9	2235	471	124	1706
Little, Albert D., Gamewell, N. C. Swingletree.	831,363	Sept. 18	2940	623	124	794
Little, Albert H., New York, N. Y. Propeller-wheel.	817,494	Apr. 10	1888	398	121	1830
Little, Alexander E., assignor to A. E. Little & Company, Lynn, Mass. Arch-supporter.	822,138	May 29	6291	1340	122	1635
Little, Ansel B., assignor of one-half to W. P. Andrews, Atlanta, Ga. Compress.	831,362	Sept. 18	2937	623	124	793
Little, Charles H., Chicago, Ill. Plow.	812,056	Feb. 6	1050	228	120	1702
Little & Company, A. E. (See Baynard, William H., assignor.)						
Little & Company, A. E. (See Little, Alexander E., assignor.)						
Little, George, <i>et al.</i> (See Rogers, George R., assignor.)						
Little, George C., Jamestown, N. Y. Mill for crushing and grinding.	834,387	Oct. 30	5016	1062	124	2616
Little, H. W., <i>et al.</i> (See Waldo, Charles W., assignor.)						
Little, Henry O., assignor to Ontario Fruit Package Company, (Limited,) Ingersoll, Canada. Veneer-bending machine.	812,854	Feb. 20	2663	584	120	2154
Little, John C., New Richmond, Wis. Harrow.	836,980	Nov. 27	4173	389	125	1162
Little, Joseph W., West Point, Miss. Seed-planter.	812,057	Feb. 6	1050	229	120	1703
Little, Joseph W., West Point, Miss. Combined seed-planter.	838,345	Dec. 11	2142	464	125	1930
Little, Leander H., Fort Worth, Tex., assignor to American Acetylene Gas Light Company. Acetylene-gas generator.	831,560	Sept. 25	3334	700	124	930
Little, Milton L., Fort Branch, Ind. Penholder.	837,234	Nov. 27	4677	992	125	1287
Little, Orton C., Menasha, Wis. Sliding shoe for furniture.	822,963	June 12	1453	303	122	2091
Little, Orton C., Menasha, Wis. Sliding shoe for furniture.	827,806	Aug. 7	239	48	123	1731
Little, Robert H., assignor to Hoffheimer Soap Co., Chicago, Ill. Soap-feeding machine.	821,300	May 22	4638	989	122	1209
Little, Virgil F., and G. I. Gavett, Ithaca, N. Y. Concrete wall.	835,827	Nov. 13	1866	394	125	515
Little, W. S. (See Thornley, Frederic S., assignor.)						
Little, Walter S., Scott, Ark. Combined dough-kneading board and barrel-cover.	830,905	Sept. 11	2031	427	124	541
Little, William H., Chicago, Ill. Foot-rest for vehicles.	826,862	July 24	4424	921	123	1169
Little, William T., Kansas City, Mo. Advertising display-stand.	824,126	June 26	3746	800	122	2709
Little, Zebulon M., Monroe, N. C. Locomotive-tender.	830,444	Sept. 4	1101	230	124	272
Littlefield, George E., East Aurora, N. Y. Brooder-heater.	836,194	Nov. 20	2569	542	125	733
Littlejohn, Andrew S., New York, N. Y. Propeller.	834,624	Oct. 30	5474	1161-2	124	2731
Littleton, David H., J. W. Hudson, and L. W. Follis, Humboldt, Tenn. Rope-measuring device.	839,490	Dec. 25	4385	937	125	2567
Littmann, Otto G. A., Charlottenburg, Germany. Motor-driven vehicle.	817,258	Apr. 10	1420	299	121	1731
Litts, Edward A., Sioux City, Iowa. Clamp-bracket.	818,457	Apr. 24	3800	817	121	2353
Litwiler, Thomas, Tremont, Ill. Wire-fence fabric. (Reissue)	12,434	Jan. 9	2626	542	120	611
Litwiler, Thomas, Tremont, Ill. Wire-fence fabric.	825,848	July 10	2399	500	123	632
Livelsberger, Albert M., Kalamazoo, Mich., assignor of one-third to G. A. Schodorf, Kilbuck, Ohio. Curtain-fixture.	826,040	July 17	2765	573	123	738
Livengood, Winfield S., assignor to Smith & Sons Mfg. Co., Kansas City, Mo. Baling-press.	808,996	Jan. 2	745	161-2	120	164
Livengood, Gerald R., assignor of one-half to J. H. Cargill, St. Joseph, Mo. Automatic street or station indicator and advertiser.	825,330	July 10	1282	270-1	123	352
Livermore, Charles B., Seattle, Wash. Ticket-holder.	837,939	Dec. 11	1303	286	125	1720
Livermore, Homer F., Brookline, Mass. Connecting-rod bearing-box.	820,509	May 15	3024	650	122	795
Livermore, Homer F., Brookline, Mass. Antislipping tread.	824,994	July 3	636	128	123	167
Livermore & Knight Company. (See Kendrick, Dyer T., assignor.)						
Livesay, Robert C., Hamilton, Canada, assignor to International Harvester Company. Speed-changing mechanism for grain-drills.	821,810	May 29	5682	1210	122	1498
Livesey, Harry, London, England. Means for supporting and holding railway-rails.	824,555	June 26	4620	981-2	122	2894
Livingston, D. McRa, New York, N. Y. Internal-combustion engine.	820,222	May 8	2430	527	122	604
Livingston, D. McRa, New York, N. Y. Cooling apparatus.	821,422	May 22	4908	1043	122	1271
Livingston, D. McRa, New York, N. Y. Cooler.	824,492	June 26	4492	952	122	2867
Livingston, D. McRa, New York, N. Y. Cooler.	824,493	June 26	4493	952	122	2868
Livingston, Evan L., Munhall, and W. F. McNulty, Allegheny, Pa. Electroplating.	838,346	Dec. 11	2144	464-5	125	1931
Livingston, Fred N., Ballard, Wash. Mechanical movement.	823,341	June 12	2253	470	122	2268
Livingston, Reason C., Spring Valley, Minn. Gaff-hook.	827,246	July 31	5235	1087	123	1387
Livingstone, John, Montreal, Canada. Furnace for steam-boilers.	829,871	Aug. 28	4476	945	123	2891
Livingstone, William, assignor to himself and Empire State Engineering Company, New York, N. Y. Trolley-wheel.	831,792	Sept. 25	3509	798	124	1058
Livsie, Thomas J., Norfolk, Va. Trunk.	809,709	Jan. 9	2225	461	120	521
Ljungman, Carl E., R. O. P. Berglund, and W. A. W. E. Hjorth, Stockholm, Sweden. Combined telephone-receiver and microphone.	832,135	Oct. 2	224	45	124	1268
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Liner for centrifugal liquid-separators.	822,964	June 12	1455	303	122	2092
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.	837,695	Dec. 4	841	190-1	125	1564
Ljungström, Fredrik, assignor to Aktiebolaget Separator, Stockholm, Sweden. Milk-ing-machine.	812,855	Feb. 20	2668	585	120	2156
Llewellyn, David J., Wilmerding, Pa. Journal-bearing.	823,693	June 19	2951	624	122	2478
Lloyd, Benjamin F., Cherry Gardens, South Australia, Australia. Boot and shoe cleaning and polishing machine.	813,904	Feb. 27	4759	1051	120	2668
Lloyd, Benjamin F., Wawanesa, Manitoba, Canada. Wagon-seat.	833,068	Oct. 9	2102	442	124	1759
Lloyd, Cyrus S., Minneapolis, Minn. Forming wire cables.	817,328	Apr. 10	1544	325	121	1757
Lloyd, Cyrus S., Minneapolis, Minn. Wire mattress.	830,512	Sept. 11	1248	258	124	336
Lloyd, Elmer L., <i>et al.</i> (See Neff, Ira J., assignor.)						
Lloyd, Ernest F., Detroit, Mich. Coke-quenching apparatus.	830,841	Sept. 11	1921	403	124	515
Lloyd, Frederick F., assignor to E. B. & A. L. Stone Company, Oakland, Cal. Means for constructing embankments and road-beds.	837,940	Dec. 11	1304	286-7	125	1720
Lloyd, George, Gananoque, Canada. Coupling.	822,744	June 5	1031	211	122	1955
Lloyd, John. (See Lloyd and Nicholson.)						
Lloyd, John, Bridgeport, Conn. Bobbin-tray.	809,195	Jan. 2	1127	234-5	120	248
Lloyd, John U., Norwood, Ohio. Concentrator for solutions.	808,997	Jan. 2	748	162	120	165
Lloyd, Richard L., and P. Thill, Great Falls, Mont. Metallurgical furnace. (Reissue)	12,511	July 24	4850	1010	123	1273
Lloyd, William and J., and S. T. Nicholson, Wilkes-Barre, Pa. Steam-eliminator.	839,777	Dec. 25	4975	1062	125	2712
Lloyd, William F., assignor of one-third to C. A. Stimpson, Philadelphia, Pa. Engine-indicator.	814,971	Mar. 13	1923	404	121	475
Lloyd, William H., assignor to Crane Company, Chicago, Ill. Waste-trap.	816,023	Mar. 27	4142	877	121	1060
Lloyd, William J., assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Electric meter.	809,825	Jan. 9	2425	504	120	566
Loar, George C., Ottumwa, Iowa. Vaginal syringe.	837,085	Nov. 27	4396	932	125	1218
Lobdell Car Wheel Company. (See Stuart, Joseph, assignor.)						
Lobingier, Judson B., Pittsburg, Pa. Rail-joint.	818,769	Apr. 24	4462	956	121	2497
Locher, Arthur, Herisau, Switzerland. Furnace.	827,875	Aug. 7	359	77	123	1759
Locher, Charles H., Lemont, Ill., assignor to Lidgerwood Manufacturing Company. Conveying apparatus.	815,963	Mar. 27	4013	849	121	1030

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Lochman, Emil R., St. Louis, Mo. Carving-machine.	832,136	Oct. 2	225	45-6	124	1268
Lochmann, Fritz and W. Zeulenroda, assignors to Original Musikwerke Paul Lochmann Gesellschaft mit beschränkter Haftung, Leipsic, Germany. Talking-machine with rotatable horn.	824,368	June 26	4228	901	122	2811
Lochmann, William. (See Lochmann, Fritz and W.)						
Lock-Well Wall Register Company. (See Corby, Edward P., assignor.)						
Locke, A. Le Roy. (See Davis, Clarence F., assignor.)						
Locke, Albert D. (See Walden, Charles H., assignor.)						
Locke, Fred M., Victor, N. Y. Insulator.	822,211	May 29	6438	1366	122	1669
Locke, Fred M., Victor, N. Y. High-potential insulator.	836,122	Nov. 20	2414	510	125	637
Locke, Fred M., Victor, N. Y. Die for forming insulators.	838,727	Dec. 18	2875	619	125	2453
Locke, Harvey W., assignor to Century Camera Company, Rochester, N. Y. Camera.	833,885	Oct. 23	3820	811-12	124	2275
Locke, Harvey W., assignor to Century Camera Company, Rochester, N. Y. Plate-holder attachment for cameras.	833,886	Oct. 23	3822	812	124	2276
Locke Insulator Manufacturing Company. (See Goddard, Walter T., assignor.)						
Locke Insulator Manufacturing Company. (See Watts, Arthur S., assignor.)						
Locke, Nathaniel C., Salem, Mass., assignor to Locke Regulator Company, Kittery, Me. Automatic engine-stop.	812,279	Feb. 13	1561	341	120	1881
Locke Regulator Company. (See Locke, Nathaniel C., assignor.)						
Locke, Thomas F., Premaydena, assignor of one-half to E. W. Duncombe, Deloraine, Tasmania, Australia. Wire-strainer.	836,591	Nov. 20	3343	712	125	923
Locke, William H., Jr. (See Eastman, Adelbert L., assignor.)						
Locke, William P., Canton, Ohio. Match-box.	832,399	Oct. 2	768	149	124	1397
Lockett, Andrew M., New Orleans, La. Pneumatic cushion for vehicles.	837,086	Nov. 27	4397	932	125	1218
Lockett, Hilton M., Henderson, Ky. Gate-opening device.	824,730	July 3	61	12	123	19
Lockie, Lillian, San Francisco, Cal. Dress-shield.	815,136	Mar. 13	2392	498	121	579
Locklin, George C., Hammond, Ind. Spring-bed.	808,667	Jan. 2	88	20	120	21
Lockwood, Carl J., Washington, D. C. Oil-feeding apparatus.	838,728	Dec. 18	2877	619	125	2154
Lockwood, Charles E., and G. A. Lutz, New York, N. Y. Primary battery.	812,504	Feb. 13	1978	434	120	1969
Lockwood, Charles E., and G. A. Lutz, New York, N. Y. Primary battery.	812,505	Feb. 13	1979	434	120	1969
Lockwood, Charles S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Automobile-wheel bearing.	813,905	Feb. 27	4761	1051	120	2669
Lockwood, Charles S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Roller-bearing.	821,656	May 29	5364	1143	122	1426
Lockwood, Charles S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Renewable automobile-bearing.	837,414	Dec. 4	272	67	125	1424
Lockwood, David C., Newark, N. J., assignor to Rubber and Celluloid Harness Trimming Co. Comb.	832,864	Oct. 9	1721	355	124	1667
Lockwood, Fred T., Jackson, Mich. Wire-terminal.	838,729	Dec. 18	2878	619	125	2154
Lockwood, George E., Philadelphia, Pa. Apparatus for feeding and vaporizing oil.	828,856	Aug. 14	2320	493-4	123	2277
Lockwood, Irving J., Weston, Conn. Press.	828,325	Aug. 14	1287	272	123	2014
Lockwood, Morris C., assignor of one-half to H. Mickle, Vineland, N. J. Flexible shaft.	829,977	Sept. 4	127	21	124	31
Lockwood, Morris C., assignor to H. Mickle, Vineland, N. J. Roller-screen for windows.	832,490	Oct. 2	947	188	124	1440
Lockwood, Rhodes G., assignor to Davidson Rubber Company, Boston, Mass. Fountain-pen-filling device.	816,345	Mar. 27	4809	1018-19	121	1202
Lockwood, Stephen T. (See Farrington, Charles B., assignor.)						
Lockwood, Virgil H. (See Hanna, Nelson G., assignor.)						
"Locomobile" Company of America. (See Riker, Andrew L., assignor.)						
Lodder, Ernest, Don, Tasmania, Australia. System for supporting cables, &c.	818,269	Apr. 17	3437	739	121	2221
Lodge & Shipley Machine Tool Company. (See Laur, Charles F., assignor.)						
Lodge & Shipley Machine Tool Company. (See Lodge and Chard, assignors.)						
Lodge, William, and N. D. Chard, assignors to Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Follower-rest for lathes.	809,513	Jan. 9	1832	378-9	120	437
Lodge, William S., Albany, N. Y. Lady's undergarment.	821,046	May 22	4148	881	122	1102
Lodor, James C., Wilmington, N. C. Sash-controlling mechanism.	830,604	Sept. 11	1432	298	124	382
Loeb, Rudolf, Camden, N. J. Ornamental stitched fabric.	823,421	June 12	2388	504	122	2296
Loef, Theodore, Sr., et al. (See Naus, Theodore, assignor.)						
Loeffler, Ernst, and G. L. Hazel, Elyria, Ohio. Sheet-metal roof-gutter.	827,456	July 31	5658	1178	123	1499
Loeffler, Fritz, New York, N. Y. Ball-bearing.	817,124	Apr. 3	1130	234	121	1611
Loeffler, William, Sheboygan, Wis. Steam-engine.	838,631	Dec. 18	2705	579-80	125	2111
Loefgren, Joseph. (See Wighard, Amand, assignor.)						
Loepp, John, near Tacoma, Wash. Vehicle.	817,739	Apr. 10	2343	503	121	1929
Loepsinger, Albert J., assignor to Rhode Island Automatic Machine Company, Providence, R. I. Die-engraving machine.	814,611	Mar. 6	1215	255	121	263
Loeschner, Henry F., Tamms, Ill. Draft-timber support and strengthening device.	830,240	Sept. 4	684	137	124	172
Loesser, William, assignor to M. and J. Van Wezel, New York, N. Y. Machine for sawing diamonds.	835,964	Nov. 13	2101	450	125	568
Loetscher, Christian, Dubuque, Iowa. Manufacturing siding.	808,998	Jan. 2	749	162	120	165
Loew, Charles H. (See Stahl, Max, assignor.)						
Loew, Charles H., Lakewood, Ohio. Pasteurizing beer.	808,668	Jan. 2	89	20	120	21
Loew, Charles H., Lakewood, Ohio. Bottle-rinser.	812,940	Feb. 20	2839	626-7	120	2195
Loew, Charles H., Lakewood, Ohio. Machine for cleaning bottles.	813,012	Feb. 20	2978	656	120	2224
Loew, Charles H., Lakewood, Ohio. Pasteurizer.	817,495	Apr. 10	1889	398	121	1830
Loew, Charles H., Lakewood, Ohio. Filter.	823,181	June 12	1925	396-7	122	2197
Loew, Charles H., Cleveland, Ohio. Bottle-cleaning machine.	813,100	Feb. 20	3153	690	120	2263
Loew, Charles H., and H. G. Miller, assignors to Loew Supply & Manufacturing Company, Cleveland, Ohio. Bottle-washing machine.	809,514	Jan. 9	1833	379	120	437
Loew Manufacturing Company. (See Miller, Henry G., assignor.)						
Loew Supply & Manufacturing Company. (See Loew and Miller, assignors.)						
Loew Supply & Manufacturing Company. (See Miller, Henry G., assignor.)						
Loewen, Wilhelm, Glatz, assignor to A. J. Hettwer, Laudeck, Germany. Toothpick-holder.	810,954	Jan. 30	4791	996	120	1201
Loewenstein, Maximilian, assignor of two-thirds to J. Stork, Brussels, Belgium, and M. Kind, New York, N. Y. Self-regulating air-pump.	813,982	Feb. 27	4900	1085	120	2696
Loftberg, Swan S., Argyle, Minn. Fanning-mill.	824,666	June 26	4829	1030	122	2940
Loft, John A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone transmitter-arm.	833,745	Oct. 23	3494	745	124	2194
Löffler, Oswald, and W. Weidle, Vienna, Austria-Hungary. Filtering material.	815,846	Mar. 20	3791	.....	121	931
Loifgren, John. (See Ravlin and Loifgren.)						
Loistam, Nels, Detroit City, Minn. Self-locking harness-rack.	819,233	May 1	401	85	122	95
Loftin, John A., Troy, N. C. Hasp-lock.	821,657	May 29	5367	1144	122	1426
Loftus, John, Albany, N. Y. Elastic seat.	829,978	Sept. 4	128	21	124	32
Loftus, John, assignor of one-half to P. Kinnear, Albany, N. Y. Stove-grate.	815,445	Mar. 20	2964	616-17	121	751
Loftus, Michael, Chicago, Ill. Non-refillable bottle.	824,035	June 19	3600	767	122	2618
Loftus, Michael, Chicago, Ill. Non-refillable bottle.	838,035	Dec. 11	1504	324	125	1772
Logan, Andrew W., Memphis, Tenn. Trousers.	835,192	Nov. 6	638	131	125	162

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Logan, Elmer E., Larned, Kans. Grain-handling apparatus.	811,938	Feb. 6	809	178	120	1654
Logan, Eugene J., assignor to T. D. Miller, Baltimore, Md. Machine for cutting tubular bodies.	823,422	June 12	2389	504-5	122	2296
Logan, Ferdinand, Phoenixville, Pa. Producing coke and gas.	833,471	Oct. 16	2959	628-9	124	2022
Logan, Ferdinand, Phoenixville, Pa. Apparatus for making coke and gas.	833,611	Oct. 16	3244	690	124	2089
Logan, John T., Texarkana, Tex. Preserving wood.	831,793	Sept. 25	3811	798	124	1059
Logan, John T., Texarkana, Tex. Apparatus for treating the butt-ends of poles.	836,592	Nov. 20	3344	713	125	923
Logan, Joseph C., Atlanta, Ga. Paper-fastener.	834,625	Oct. 30	5475	1162	124	2732
Logan, Lavalette L., Johnstown, Pa. Fluid-operated actuating device.	834,825	Oct. 30	5885	1247	124	2836
Logan, Malcolm H. (See Ferriotti, Charles L., assignor.)						
Logan, Richard D., St. Louis, Mo. Sash-lock.	820,223	May 8	2434	527	122	605
Logan, William E. (See Griffith and Logan.)						
Logan, William H., Louisville, Ky. Spiral slideway.	814,855	Mar. 13	1713	358	121	432
Logan, William H., Louisville, Ky. Spiral slideway.	820,022	Aug. 21	2667	561	123	2394
Logan, William H., assignor to Kirker-Bender Fire Escape Company, Louisville, Ky. Spiral slideway.	818,383	Apr. 17	3657	785	121	2267
Logemann Brothers Company. (See Hubbard, Hiram W., assignor.)						
Loggie, George W., Bellingham, Wash. Receiving-trip and conveyer.	837,087	Nov. 27	4400	933	125	1219
Lohda, Robert, assignor to Northwestern Manufacturing Company, Fort Atkinson, Wis. Antitip-over device for bob-sleighs.	818,544	Apr. 24	3995	857	121	2393
Löhle, Karl, Zürich, Switzerland. Means for journaling a vertical shaft.	831,794	Sept. 25	3813	798	124	1059
Lohmann, Augustus W., Sr., Chattanooga, Tenn., and J. Pruis, Chicago, Ill. Closed conduit for electric railways.	813,101	Feb. 20	3159	691	120	2265
Lohmann, Edwin, Greenville, Ohio. Telescope.	836,771	Nov. 27	3745	799	125	1058
Lohmann, Frank A., Boston, Mass. Cookie mold and cutter.	825,849	July 10	2401	500	123	632
Löhnert, Herman, Bromberg, Germany. Ball-mill.	839,491	Dec. 25	4386	937	125	2568
Lohr, Carl A., Wilkensburg, Pa. Transformer.	817,926	Apr. 17	2753	596	121	2076
Lohr, Luther A., Newmarket, Va. Speed-varying apparatus.	834,212	Oct. 23	4642	985	124	2477
Lohr, Solomon G., Washington township, Hamilton county, Ind. Corn-planter.	822,617	June 5	778	158	122	1900
Lohrke, Ludwig A., Chicago, Ill. Plow.	824,951	June 19	3435	733-4	122	2585
Lohse, Carl, Liège, Belgium. Hammerless drop-down gun.	810,162	Jan. 16	3124	646-7	120	767
Lohse, Hermann. (See Banks, Charles, assignor.)						
Loibl, Carl, Munich, Germany. Horseshoe-calk.	823,423	June 12	2397	505	122	2298
Loiseleur, Henri, New York, N. Y. Merry skating-rink.	822,677	June 5	897	183	122	1927
Loker, Albert C., Kansas City, Mo. Stop-watch.	809,196	Jan. 2	1129	235	120	249
Lokytch, Aaron, New York, N. Y. Suit-hanger.	828,491	Aug. 14	1616	341	123	2099
Loll, Frederick W., assignor to F. W. Loll Manufacturing Co., Meriden, Conn. Egg-beater.	833,069	Oct. 9	2103	443	124	1760
Lomas, William H., Doornfontein, near Johannesburg, Transvaal. Apparatus for separating liquids from solids.	825,331	July 10	1286	271	123	353
Lombard, Ernest C., Peoria, Ill. Railway-signal.	837,857	Dec. 4	1143	254	125	1639
Lombard, George M., Madison, Wis., assignor to A. O. Auten, Chicago, Ill. Lubricator.	834,388	Oct. 30	5019	1063	124	2616
Lombard, Governor Company. (See Warren, Henry E., assignor.)						
Lombard, Nathaniel, Worcester, Mass. Gate mechanism for turbines.	812,506	Feb. 13	1980	435	120	1969
Lomphey, Jerry F., Detroit, Mich., and I. J. Budlong, Aurora, Ill., assignors to American Wood Working Machinery Company, New York, N. Y. Matcher-head.	829,795	Aug. 28	4331	915	123	2857
Loneragan, William J., Brookfield, Wis. Reading-desk.	814,381	Mar. 6	772	156	121	171
Long, Agnes L. (See Knee, Frank H., assignor.)						
Long & Allstatter Co. (See Macbeth, Charles E., assignor.)						
"Long Arm" System Company. (See Cowles, William B., assignor.)						
Long, Arthur D., assignor of one-half to G. Dietz, Fairfield, Iowa. Copy-holder.	809,310	Jan. 9	1412	287	120	345
Long, Bartley, and I. V. Bryant, Bidwell, Ohio. Scaffold.	826,041	July 17	2766	573	123	739
Long, Charles S., Aurora, Ill. Pallet.	822,139	May 29	6292	1341	122	1635
Long, Coleman B. (See Nimmo and Long.)						
Long, David D., Conway, Ark. Fence-support.	827,069	July 24	4838	1007	123	1271
Long, Edwin H., Derby, Conn. Combined square, bevel, and protractor.	830,727	Sept. 11	1720	355	124	464
Long, Frank B., Los Angeles, Cal. Piano-action.	814,972	Mar. 13	1924	404	121	475
Long, George A., Hartford, Conn. Muffler for telephone-transmitters.	821,877	May 29	5794	1235	122	1521
Long, George A., assignor to Gray Telephone Pay Station Company, Hartford, Conn. Telephone toll apparatus.	810,491	Jan. 23	3860	793	120	964
Long, George A., assignor to Gray Telephone Pay Station Company, Hartford, Conn. Telephone toll apparatus.	815,107	Mar. 13	2213	466	121	537
Long, George M., Latrobe, Pa. Rake.	816,486	Mar. 27	5100	1081	121	1264
Long, George P. (See Lawhon and Long.)						
Long, George S. (See Snyder, William J., assignor.)						
Long, George W., Lindsay, Ind. Ter. Self-fastening cotton-marker.	809,197	Jan. 2	1131	235	120	249
Long, George W., assignor of one-half to R. G. Spalding, Lindsay, Ind. Ter. Railway-switch.	838,430	Dec. 11	2308	499	125	1970
Long, Herbert S., Marion, Ohio. Dumping-cart.	814,059	Mar. 6	118	23	121	27
Long, Herbert S., Marion, Ohio. Dumping-wagon.	824,253	June 26	4011	858-9	122	2765
Long, John, Birkenhead, England. Lock and latch.	836,515	Nov. 20	3205	680	125	890
Long, John R., Akron, Ohio. Wrench.	818,180	Apr. 17	3262	699	121	2185
Long, Louis. (See Shaw and Long.)						
Long, Louis, Buchanan, N. Y. Device for rolling bandages.	831,726	Sept. 25	3693	773	124	1029
Long Manufacturing Company. (See Stolp and Wright, assignors.)						
Long, Samuel J. (See Rollins, William A., assignor.)						
Long, Sidney L., Minneapolis, Minn. Coin-controlled vending-machine.	816,107	Mar. 27	4312	913-14	121	1097
Long, Sidney L., Minneapolis, Minn. Coin-controlled vending-machine.	831,169	Sept. 18	2559	539-40	124	698
Long, Sidney L., Minneapolis, Minn. Newspaper-vending machine.	839,304	Dec. 25	4011	861-2	125	2477
Long, Thomas F., et al. (See Joyce, Martin, assignor.)						
Long, Timothy, Cleveland, Ohio. Merry-go-round.	813,159	Feb. 20	3278	720	120	2290
Long, Walter Z. (See Eakins, Herbert W., assignor.)						
Long, Willard O., Mansfield, Ohio. Horseshoe-calk and fastener.	813,655	Feb. 27	4268	938	120	2562
Long, Willard O., Mansfield, Ohio. Dumping-wagon.	823,606	June 19	2778	588	122	2439
Long, William H., Brooklyn, N. Y. Comb-cleaner.	814,713	Mar. 13	1449	303	121	376
Long, William H., Howard, Pa. Nut-lock.	829,407	Aug. 28	3476	731	123	2646
Longacre, Frederick V., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Means for operating the electric unloaders of air-compressors.	815,025	Mar. 13	2058	431	121	504
Longacre, Frederick V., assignor to Ingersoll-Rand Company, New York, N. Y. Un-loader for single-acting compressors.	834,626	Oct. 30	5477	1162	124	2732
Longacre, Frederick V., assignor to Ingersoll-Rand Company, New York, N. Y. Un-loader for compound compressors.	834,627	Oct. 30	5479	1163	124	2733
Longacre, Matthias R., Millerstown, Pa. Railway.	822,745	June 5	1031	211	122	1955
Longenecker, Christian B., Philadelphia, Pa. Fastening device.	833,533	Oct. 16	3074	652	124	2048
Longenecker, Ralph, administrator. (See Schmertz, Edmund C.) (Reissue.)						
Longhenry, John E., assignor to H. L. Smith, Gloversville, N. Y. Kettle attachment.	814,714	Mar. 13	1450	304	121	377

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Longhurst, Henry A. (See Holbourns and Longhurst.)						
Longstreet, James C. (See Lewis, Iddo E., assignor.)						
Longstreth, Wallace M., Terra Alta, W. Va. Catamenial sack.....	813,221	Feb. 20	3401	749	120	2315
Longstreth, William C., Los Angeles, Cal. Means to cut butter or lard.....	830,728	Sept. 11	1721	355	124	464
Longuemare, Amélie A., F., and G., Paris, France; said F. and G. Longuemare assignors to said Amélie A. Longuemare. Carbureter for hydrocarbon-engines.....	820,583	May 15	3165	682	122	826
Longuemare, Fernand. (See Longuemare, Amélie A., F., and G.)						
Longuemare, Georges. (See Longuemare, Amélie A., F., and G.)						
Longwell, Henry E., Pittsburg, and F. Hodgkinson, Edgewood Park, Pa., assignors to Westinghouse Machine Company. Packing.....	813,723	Feb. 27	4393	969	120	2589
Lonie, David, assignor of one-half to H. Lee, Fairview, British Columbia, Canada. Pulp-distributor.....	838,196	Dec. 11	1853	397	125	1861
Lonsdale, Clair H., Champaign, Ill. Button.....	819,897	May 8	1719	369	122	449
Lonski, Frank, Plymouth, Pa. Mining-drill.....	814,856	Mar. 13	1714	358	121	432
Lontz, John M., et al. (See Atkinson, Charles E., assignor.)						
Look, Dexter G., et al. (See Parks, Clarence W., assignor.)						
Loomer, Samuel S. (See Hall and Loomer.)						
Loomis, Albert C., West Orange, N. J. Needle-cushion for spools.....	830,087	Sept. 4	357	71	124	86
Loomis, Bruce E., New York, N. Y. Fire-resistive construction.....	839,015	Dec. 18	3393	732	125	2279
Loomis, Burdett, Hartford, Conn., and H. Pettibone, New Rochelle, N. Y., assignors to Loomis-Pettibone Gas Machinery Company. Apparatus for manufacturing and mixing gases.....	833,137	Oct. 9	2236	471	124	1796
Loomis, Everts G. (See Wildman and Loomis.)						
Loomis, George F., Schenectady, N. Y. Automatic match-making machine.....	808,767	Jan. 2	283	62-3	120	64
Loomis, Jacob, Elwood, Ind. Hot-mill roll.....	831,727	Sept. 25	3694	773	124	1029
Loomis-Pettibone Gas Machinery Company. (See Loomis and Pettibone, assignors.)						
Loos, Rudolf, Düsseldorf, Germany. Water-tube boiler.....	830,088	Sept. 4	358	71	124	87
Loos, Wesley, assignor of three-fourths to E. V. Lorig and W. C. Lambert, South Omaha, Nebr. Railway-signal.....	812,941	Feb. 20	2842	627	120	2196
Loper, William H., Belgrove, Idaho, assignor of one-half to W. Raths, Spokane, Wash. Wagon-brake.....	828,941	Aug. 21	2503	530	123	2356
Lopitsch, John, and F. Naumann, Green Bay, Wis. Bed-pan.....	828,754	Aug. 14	2127	450	123	2229
Lorain Steel Company. (See Brown, William M., assignor.)						
Lorain Steel Company. (See Dixon, Israel K., assignor.)						
Lorain Steel Company. (See Entwisle, Edward B., assignor.)						
Lorain Steel Company. (See Ervin, George M., assignor.)						
Lorain Steel Company. (See Korns, Clarence C., assignor.)						
Lorain Steel Company. (See McFeaters, George H., assignor.)						
Lorain Steel Company. (See Nather, Francis, assignor.)						
Lorain Steel Company. (See Prior, Ernest B., assignor.)						
Lorain Steel Company. (See Williams, Richard P., assignor.)						
Lorber, Arthur, Brussels, Belgium. Apparatus for the treatment of cigars and other articles.....	833,233	Oct. 16	2463	515-16	124	1899
Lord, Arthur D., Chicago, Ill. Combined statement and envelop.....	821,723	May 29	5506	1173	122	1456
Lord, Charles E., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Transformer.....	834,148	Oct. 23	4523	960	124	2448
Lord, Charles E., Cincinnati, Ohio, assignor to General Electric Company. Train-control system.....	836,981	Nov. 27	4174	889-90	125	1163
Lord, Charles J., Kingfisher, Okla. Ter. Neck-pad.....	830,906	Sept. 11	2033	428	124	542
Lord, Charles J., and G. A. Browning, Kingfisher, Okla. Ter. Cali-weaner.....	834,583	Oct. 30	5374	1140	124	2706
Lord, Frederic W. (See Erickson, Frederick W., assignor.)						
Lord, George S., and J. Affleck, Chicago, Ill. Window-fastener.....	828,037	Aug. 7	696	144	123	1843
Lord, John D. (See Cooke and Lord.)						
Lord, John S., Ogden, Iowa. Portable grist-mill.....	816,108	Mar. 27	4314	914	121	1097
Lord, Joseph E., Norwich, Vt. Jar and jar-closure.....	828,038	Aug. 7	697	145	123	1843
Lord, Joseph E., Norwich, Vt. Composition of matter for hermetically sealing jars for the preservation of foodstuffs.....	828,039	Aug. 7	700	.....	123	1844
Lord, Peter, assignor of one-half to W. H. Inman, Worcester, Mass. Saw-file.....	818,633	Apr. 24	4174	898	121	2433
Lord, Peter, assignor of one-half to G. Payette & Company, Montreal, Quebec, Canada. Nut-lock.....	832,865	Oct. 9	1723	355	124	1667
Lord, Robert W., Skowhegan, Me. Shirt.....	826,177	July 17	3024	627	123	801
Loresman, James F., Crisfield, Md. Dredge.....	813,222	Feb. 20	3402	750	120	2315
Loresman, James F., Crisfield, Md. Spike-puller.....	813,223	Feb. 20	3403	750	120	2315
Lorenc, Victor. (See Lorenc, Wladimir and V.)						
Lorenc, Wladimir and V., Budapest, Austria-Hungary. Power-transmitter.....	810,780	Jan. 23	4414	916	120	1086
Lorenson, Carl, Wausa, Nebr. Mower.....	835,447	Nov. 6	1149	248	125	289
Lorentz, Albert M., McMechen, W. Va. Milk-strainer.....	832,866	Oct. 9	1724	356	124	1667
Lorentz, Albert M., McMechen, W. Va. Milk-cooler.....	832,867	Oct. 9	1725	356	124	1668
Lorentz, Albert M., McMechen, W. Va. Milking-pail.....	832,868	Oct. 9	1727	356	124	1668
Lorentz, Upton, Cristobal, Canal Zone, Panama. Distilling and rectifying apparatus.....	837,696	Dec. 4	843	191	125	1564
Lorentzen, John, Duluth, Minn. Coin-controlled scale.....	809,198	Jan. 2	1132	235-6	120	249
Lorentzen, John, Duluth, Minn. Weighing-scale.....	809,826	Jan. 9	2426	504	120	567
Lorenz, Alexander, assignor of one-half to W. J. Ilg, San Antonio, Tex. Hay-press.....	813,013	Feb. 20	2981	656	120	2225
Lorenz, Franz R., Gumbinnen, Germany. Feeding and igniting mechanism for explosion-motors.....	819,148	May 1	217	46	122	54
Lorenz, Ludwig, assignor of one-half to M. Herrmann, Berlin, Germany. Lamp-burner.....	819,564	May 1	1037	227	122	233
Lorenz, Ludwig, assignor of one-half to M. Herrmann, Berlin, Germany. Lamp-burner.....	819,565	May 1	1038	227	122	234
Lorenz, Peter A., Chicago, Ill. Cutting-die.....	828,225	Aug. 7	1046	220	123	1926
Lorenz, Peter A., Chicago, Ill. Producing bucket-blanks.....	828,226	Aug. 7	1050	221	123	1927
Lorenz, Richard, Rummelsburg, Germany. Wire-drawing machine.....	817,979	Apr. 17	2853	618	121	2097
Lorenz, William A., Hartford, Conn. Hermetic closure for receptacles.....	819,234	May 1	402	85	122	95
Lorenz, William A., Hartford, Conn. Hermetic closure for receptacles.....	819,235	May 1	405	85	122	95
Lorenz, William A., Hartford, Conn. Hermetic closure for receptacles.....	819,236	May 1	406	86	122	96
Lorenz, William A., Hartford, Conn. Hermetic closure for tumblers.....	819,237	May 1	408	86	122	96
Lorenz, William A., Hartford, Conn. Hermetic closure for tumblers.....	829,979	Sept. 4	129	22	124	32
Lorenz, William A., Hartford, Conn. Hermetic closure for tumblers.....	829,980	Sept. 4	132	22	124	32
Lorenz, William A., Hartford, Conn. Hermetic closure for tumblers.....	829,981	Sept. 4	137	22	124	34
Lorenz, William A. and J. Merritt, Hartford, Conn., assignors to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.....	822,618	June 5	780	158-9	122	1900
Lorenze, Abraham. (See Young, George H., assignor.)						
Lorenzen, Peter E., New York, N. Y. Chimney-cowl.....	839,163	Dec. 25	3737	807	125	2411
Lorig, Emanuel V., et al. (See Loos, Wesley, assignor.)						
Lorimer, George W., Piqua, Ohio. Power-controlling lever.....	812,216	Feb. 13	1422	310	120	1850
Lorimer, George W., Piqua, Ohio. Means for blowing automobile-horns.....	817,125	Apr. 3	1131	235	121	1612
Lorimer, John H., Philadelphia, Pa. Drying-machine.....	811,306	Jan. 30	5474	1141	120	1348
Lorimer, John H., Philadelphia, Pa. Drying and conditioning machine.....	811,307	Jan. 30	5476	1141	120	1349

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. ^g	Vol.	Page.
Lorimer, John H., Philadelphia, Pa. Vehicle-wheel tire.....	811,646	Feb. 6	221	47	120	1533
Loring, Benjamin C., Edgewood, Cranston, assignor, by mesne assignments, to J. Tillinghast, trustee, Providence, R. I. Vehicle-body.....	825,670	July 10	2072	432	123	552
Loring, Ernest J., Somerville, Mass. Speed-indicator.....	815,108	Mar. 13	2217	466	121	539
Loring, Frank C., Eastport, Me. Hydrocarbon-burner.....	835,627	Nov. 13	1497	319	125	422
Loring, Henry L. (See Whaley and Loring.)						
Lorsche, Gideon D., New York, N. Y., assignor to Standard Oiled Clothing Company. Hat.	812,659	Feb. 13	2290	498	120	2030
Loryea, Milton I., Spokane, Wash. Camera attachment.....	813,808	Feb. 27	4553	1006-7	120	2623
Löscher, Paul, Reichenbach, Germany. Reed, wire, willow, or similar plotting or lattice work.....	836,884	Nov. 27	3963	846	125	1116
Losee, Franklin E., Newton, N. J. Means for harvesting ice in the field.....	828,821	Aug. 14	2248	478-9	123	2260
Losey, John B. (See Meyer and Losey.)						
Loss, Henrik V., Philadelphia, Pa. Upsetting metal.....	812,856	Feb. 20	2670	585	120	2156
Lossing, Philo M., Kalkaska, Mich. Trace-fastening.....	832,070	Oct. 2	78	18	124	1231
Lothian, Isaac A. (See Jackson, Charles W., assignor.)						
Lothrop, Frank B. (See Wood, Charles L., assignor.)						
Lothrop, Llewellyn D. (See Liebreich and Lothrop.)						
Lott, Alexander, Seminary, Miss. Vehicle-thill.....	816,667	Apr. 3	248	58	121	1415
Lott, William C., North Chicago, Ill. Wrench.....	815,446	Mar. 20	2966	617	121	754
Lotterhand, Jason C., New York, N. Y. Combined adding and type-writing machine.....	811,157	Jan. 30	5177	1081-3	120	1283
Lotterhand, Jason C., New York, N. Y., assignor to Adder Machine Company, Kingston, Pa. Separable keyboard for adding-machines.....	836,389	Nov. 20	2956	626-7	125	829
Lotterhand, Jason C., New York, N. Y., assignor to Adder Machine Company, Kingston, Pa. Combined adding and type-writer machine.....	836,390	Nov. 20	2960	627-8	125	830
Lotz, Augustus, San Francisco, Cal., assignor to American Can Company, Jersey City, N. J. Automatic square-can heading and crimping machine.....	812,857	Feb. 20	2671	585-7	120	2157
Lotz, Augustus, San Francisco, Cal., assignor to American Can Company, Jersey City, N. J. Automatic round-can heading and crimping machine.....	812,858	Feb. 20	2675	587-9	120	2157
Lotzer, Joseph P., Kent, Minn. Tire-coupling.....	821,658	May 29	5368	1144	122	1426
Loud, William N., Quincy, Mass., assignor to Kendrick and Davis, Lebanon, N. H. Watch-roller remover.....	837,577	Dec. 4	597	139	125	1502
Louden, Leland A., Pittsburg, Pa. Stair-carpet fastener.....	828,673	Aug. 14	1963	413	123	2187
Louden, William, Fairfield, Iowa. Hay-carrier.....	827,928	Aug. 7	465	95	123	1787
Louden, William, Fairfield, Iowa. Cross-timber clamp.....	828,616	Aug. 14	1856	391	123	2161
Louden, William E., Lisbon, Ohio. Nut-lock.....	831,449	Sept. 18	3099	656	124	834
Loudenslager, Edward. (See Meyers and Loudenslager.)						
Loudon, Archibald M., and F. L. Hogg, Elmira, N. Y. Heater.....	827,379	July 31	5490	1141	123	1448
Loudon, Lewis S., Kansas City, Mo. Combination-tool.....	836,075	Nov. 13	2292	487	125	615
Loudon, Milton H., Kansas City, Mo. Electrical railway signaling system.....	809,515	Jan. 9	1836	379	120	437
Loudon, William, and J. J. Hendricks, Seattle, Wash. Feed-water mechanism.....	811,939	Feb. 6	811	178	120	1654
Loudon, William A., Chicago, Ill. Wheel-tire.....	812,759	Feb. 13	2475	543	120	2068
Lougee, Amanda M., Boston, Mass. Fireproof wire.....	809,311	Jan. 9	1413	287	120	346
Lougee, Amanda M., Boston, Mass. Making fireproof conductors.....	809,312	Jan. 9	1416	287	120	346
Lougee, Amanda M., Boston, Mass. Protected conductor.....	809,313	Jan. 9	1419	287	120	346
Lough, Arlando, Estherville, Iowa. Concrete building-block.....	835,027	Nov. 6	306	65	125	79
Loughman, Charles A., and K. Hess, Braddock, Pa. Sand-blast apparatus.....	834,067	Oct. 23	4334	921	124	2398
Loughman, Michael J., New York, N. Y. Flanged-joint casing for heat-insulating pipes.....	809,963	Jan. 16	2715	559	120	681
Loughrey, Carl, Los Angeles, Cal. Horse-blanket.....	814,666	Mar. 6	1309	275	121	283
Loughrey, Nellie D., Los Angeles, Cal. Stove.....	819,775	May 8	1473	314	122	389
Louiso, George P., and C. H. Hensley, assignors to said Louiso and J. L. Vermillion, Anderson, Ind. Computing cheese-cutter.....	812,280	Feb. 13	1562	341	120	1882
Lourie, Lloyd S., Chicago, Ill. Dental instrument for raising barbs upon wires.....	816,668	Apr. 3	249	59	121	1415
Lourim, Thomas, Battle Creek, Mich. Sieve.....	832,684	Oct. 9	1346	272	124	1576
Lourim, Thomas, Battle Creek, Mich. Sieve.....	832,685	Oct. 9	1347	272	124	1576
Louys, George F., Rutledge, Pa. Trousers hanger and press.....	837,697	Dec. 4	845	191	125	1565
Lovatt, Thomas W., and C. Purser, Wolverhampton, England. Woodworking mechanism.....	823,342	June 12	2255	470-1	122	2269
Love, Andrew C., Sacramento, Cal. Car-wheel-flange lubricator.....	818,384	Apr. 17	3658	785-6	121	2267
Love, Andrew C., Sacramento, Cal. Wheel-flange and rail lubricator.....	830,241	Sept. 4	685	137	124	173
Love, Andrew J., St. Louis, Mich. Block-molding machine.....	811,647	Feb. 6	222	47-8	120	1534
Love, Gustav A., Cokato, Minn. Brake for bicycles.....	813,906	Feb. 27	4763	1052	120	2669
Love, Robert T., West Monroe, La. Cultivator.....	818,839	Apr. 24	4594	985	121	2524
Lovegrove, Thomas G., assignor to M. A. Wood, Philadelphia, Pa. Adjustable mirror-support.....	812,660	Feb. 13	2291	498	120	2031
Lovejoy, Dimmitt R., assignor, by mesne assignments, to Atmospheric Products Company, Niagara Falls, N. Y. Effecting chemical action in gases.....	829,872	Aug. 28	4480	945	123	2892
Lovejoy, Dimmitt R., assignor to Atmospheric Products Company, Niagara Falls, N. Y. Apparatus for subjecting gases to high-tension discharges.....	829,873	Aug. 28	4481	946-7	123	2892
Lovejoy, Dimmitt R., assignor to Atmospheric Products Company, Niagara Falls, N. Y. Effecting the combination of gases.....	829,874	Aug. 28	4488	947	123	2895
Lovejoy, Dimmitt R., assignor to Atmospheric Products Company, Niagara Falls, N. Y. Apparatus for effecting chemical action in gases.....	829,875	Aug. 28	4491	947-8	123	2895
Lovejoy, Dimmitt R., assignor to Atmospheric Products Company, Niagara Falls, N. Y. Effecting chemical action in gases.....	829,876	Aug. 28	4493	948	123	2896
Lovejoy, Dimmitt R., assignor to Atmospheric Products Company, Niagara Falls, N. Y. Apparatus for effecting chemical action in gases.....	829,877	Aug. 28	4494	948	123	2896
Lovejoy, George W., assignor of one-half to L. Harris, Tehachapi, Cal. Means for lubricating wheels.....	811,858	Feb. 6	611	133	120	1613
Lovejoy, Marcellus C., assignor to E. M. Lang, Jr., Portland, Me. Coiling-machine.....	809,269	Jan. 2	1321	268	120	291
Lovejoy, Welcome C. (See Huey, James E., assignor.)						
Lovekin, Luther D. (See Workman, Robert A., assignor.)						
Lovelace, William. (See Graham and Lovelace.)						
Loveland, Byron S., assignor to B. D. Whitney & Son, Winchendon, Mass. Presser-bar for planing-machines.....	832,264	Oct. 2	505	95	124	1335
Loveland, Lucius N., assignor of one-half to H. E. Travis, Mannington, W. Va. Glass-pressing apparatus.....	838,875	Dec. 18	3150	679	125	2220
Loveless, David H., assignor of three-fourths to W. G. and G. Taylor, Jr., and J. J. Loveless, Provo, Utah. Thill-support.....	823,424	June 12	2398	505	122	2298
Loveless, John J., et al. (See Loveless, David H., assignor.)						
Loveley, Joseph N., Detroit, Mich. Beam.....	826,042	July 17	2769	574	123	739
Lovell, Arthur, East St. Louis, Ill. Wrench.....	834,741	Oct. 30	5689	1207	124	2787
Lovell, Frederick W., assignor to J. McMyler, Cleveland, Ohio. Hoisting mechanism.....	820,425	May 15	2843	619	122	753
Lovell, Frederick W., assignor to McMyler Manufacturing Company, Cleveland, Ohio. Hoisting and conveying apparatus.....	827,247	July 31	5235	1087	123	1387
Lovering, Charles H., Sidney, assignor of one-half to F. H. Lovering, Newton, Mont. Tilting gate.....	822,746	June 5	1033	212	122	1955

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Lovering, Frank H. (See Lovering, Charles H., assignor.)						
Lovering, George W., Denver, Colo. Marking-pen.	839,164	Dec. 25	3738	807	125	2411
Lovett, James L., New London, Pa. Doweling-machine.	809,069	Jan. 2	875	186	120	193
Lovett, John, Martinsburg, W. Va. Building-block.	814,973	Mar. 13	1925	404	121	476
Lovett, John, Martinsburg, W. Va. Non-refillable bottle.	830,605	Sept. 11	1433	298	124	383
Lovett, John, Martinsburg, W. Va. Machine for molding plastic material.	831,620	Sept. 25	3452	725-6	124	961
Lovett, Michael J., Louisville, Ky. Fireman's belt.	830,606	Sept. 11	1434	298	124	383
Lovett, Thomas J., Chicago, Ill. Recovering copper and other values from certain ores.	821,516	May 22	5080	1082	122	1307
Lovette, Benjamin, assignor of one-half to B. F. Pangborn, Newark, N. J. Elevator-gate.	828,558	Aug. 14	1753	368	123	2134
Loving, Leslie W., Paris, Tenn. Buggy-top support.	838,632	Dec. 18	2708	580	125	2112
Lovington Manufacturing Company. (See Stanley, Int. assignor.)						
Lovoy, Louis, Birmingham, Ala. Truck-switch-operating device.	831,672	Sept. 25	3595	754	124	1002
Low, Abbot A., Horseshoe, N. Y. Hydrocarbon-motor.	812,860	Feb. 20	2680	591	120	2159
Low, Abbot A., Horseshoe, N. Y. Eyeglasses.	827,740	Aug. 7	92	19	123	1693
Low, Abbot A., Horseshoe, N. Y. Stopper for vessels.	832,071	Oct. 2	79	18	124	1231
Low, Abbot A., Horseshoe, N. Y. Sealing means for vessels.	838,124	Dec. 11	1695	365	125	1821
Low, Charles F. G., Charlton, England. Variable-speed gear.	814,060	Mar. 6	121	23	121	27
Low, F. Eliot. (See McCollom, William J., assignor.)						
Low, Harold A., assignor to Electrical Concrete Post Company, Lake City, Iowa. Transformable mold for building-blocks.	814,657	Mar. 6	1309	275	121	283
Low, Henry H., Kalamath Falls, Oreg. Horse-detacher.	832,552	Oct. 2	1061	212	124	1468
Low, John W., assignor to Carrier Low Company, Chicago, Ill. Machine for folding and pasting pasteboard boxes.	833,329	Oct. 16	2350	557-8	124	1948
Lowe, David T., Pana, Ill. Corn-harvester.	812,573	Feb. 13	2138	468-9	120	2002
Lowe, Ernest A., North Plainfield, N. J. Electrical connector for electric lamps.	815,605	Mar. 20	3249	682	121	815
Lowe, James L., and J. O. Hibbard, Detroit, Mich. Machine for stringing bags.	815,606	Mar. 20	3251	682-3	121	816
Lowe, James T., assignor to C. F. Flemming, Washington, D. C. Wheel-block.	837,235	Nov. 27	4678	993	125	1287
Lowe, John, Hutchinson, Kans. Milk-pail.	817,575	Apr. 10	2044	430	121	1861
Lowe, Leon P., San Francisco, Cal. Cleansing manufactured gases.	809,383	Jan. 9	1570	319	120	378
Lowe, Leon P., San Francisco, Cal. Combined gas washer and scrubber.	812,217	Feb. 13	1423	310	120	1850
Lowe, Leon P., San Francisco, Cal. Gas-purifier.	812,218	Feb. 13	1424	310	120	1850
Lowe, Leon P., San Francisco, Cal. Manufacturing gas.	817,126	Apr. 3	1133	235	121	1612
Lowe, Leon P., San Francisco, Cal. Gas-washing device.	817,127	Apr. 3	1136	235	121	1612
Lowe, Leon P., San Francisco, Cal. Gas-making apparatus.	817,647	Apr. 10	2171	461	121	1889
Lowe, Leon P., San Francisco, Cal. Apparatus for making gas.	817,648	Apr. 10	2172	461	121	1889
Lowe, Leon P., San Francisco, Cal. Apparatus for manufacturing and delivering gas.	817,649	Apr. 10	2174	462	121	1889
Lowe, Leon P., San Francisco, Cal. Gas-purifier.	817,650	Apr. 10	2175	462	121	1890
Lowe, Leon P., San Francisco, Cal. Gas-washer.	819,660	May 1	1225	268	122	275
Lowe, Leon P., San Francisco, Cal. Manufacturing gas.	819,661	May 1	1226	268	122	275
Lowe, Leon P., San Francisco, Cal. Gas-making apparatus.	819,662	May 1	1227	268	122	275
Lowe, Leon P., San Francisco, Cal. Coking and making gas.	819,663	May 1	1229	268	122	276
Lowe, Leon P., San Francisco, Cal. Apparatus for separating residues from liquids.	819,664	May 1	1230	269	122	276
Lowe, Leon P., San Francisco, Cal. Gas-holder.	819,665	May 1	1231	269	122	276
Lowe, Leon P., San Francisco, Cal. Apparatus for generating gas.	819,666	May 1	1231	269	122	276
Lowe, Leon P., San Francisco, Cal. Apparatus for making gas.	821,594	May 22	5221	1114	122	1337
Lowe, Leon P., San Francisco, Cal. Coupling for glass tubes.	822,530	June 5	588	118	122	1856
Lowe, Leon P., San Francisco, Cal. Manufacturing gas.	822,531	June 5	589	118	122	1856
Lowe, Leon P., San Francisco, Cal. Apparatus for making gas.	833,070	Oct. 9	2105	443	124	1760
Lowe, Lincoln A., Watson, Mo. Stovepipe-fastener.	827,876	Aug. 7	360	77	123	1759
Lowe, Lloyd C. (See Connell and Lowe.)						
Lowe, Luke T., assignor of two-thirds to H. E. Jones and C. F. Gauthier, Bristol, Tenn. Cement-block machine.	830,157	Sept. 4	507	103-4	124	128
Lowe, Walter V., Worcester Mass., assignor to Crompton & Knowles Loom Works. Woven pile fabric.	820,003	May 8	1995	437	122	507
Lowe, Wilfred, West Kirby, England. Means for raising and lowering windows of cabs and other vehicles.	824,731	July 3	62	13	123	20
Lowe, William B., Marietta, Ga. Lubricating device.	824,187	June 26	3867	825-6	122	2735
Lowe, William H. (See Gibson, John W., assignor.)						
Lowe, William M., Appleby, Tex. Railway-gate.	817,259	Apr. 10	1422	299	121	1732
Lowell Machine Shop. (See Plather, Frederick A., assignor.)						
Lowenhaupt, James F., Woodhaven, N. Y. Embossing-machine.	812,859	Feb. 20	2678	589-91	120	2158
Lower, Edward P., Hot Springs, Ark. Rat, bird, and rabbit trap.	829,023	Aug. 21	2668	561	123	2394
Lower, Henry C., Abilene, Kans., assignor to Macgowan & Finigan Foundry & Machine Company, St. Louis, Mo. Work-holder for power-hammers.	833,969	Oct. 23	4106	874	124	2341
Lowrey, Clyde W., Centerville, Ala. Churn.	815,358	Mar. 20	2779	578	121	710
Lowrey, Joseph H., Neola, Iowa. Pneumatic-tire shield.	833,234	Oct. 16	2464	516	124	1899
Lowry, Cuthbert B., Lexington, Ky. Wood impregnation.	831,450	Sept. 18	3101		124	834
Lowry, Cuthbert B., Lexington, Ky., and R. Bernhard, Chicago, Ill. Wrench.	835,448	Nov. 6	1150	248	125	289
Lowry, George A., Chicago, Ill., assignor, by mesne assignments, to Planters Compress Company. Ginning cotton.	821,423	May 22	4911	1043-4	122	1271
Lowry, Isaac B., and F. L. Arters, Montpelier, Ind. Wire-stretcher.	824,556	June 26	4623	982	122	2895
Lowry, James P. (See Klauk and Lowry.)						
Lowry, Walter F., McMinnville, Tenn. Fireplace and grate blower.	813,505	Feb. 27	3973	872	120	2498
Lowry, William D., assignor to Separable Body Bolster Company, St. Louis, Mo. Body-bolster.	835,225	Nov. 6	699	144	125	177
Loyster, James A., Cazenovia, N. Y. Combined printing and cutting machine.	818,699	Apr. 24	4306	923-5	121	2462
Loyster, James A., Cazenovia, N. Y. Typographic numbering-machine.	830,445	Sept. 4	1102	231	124	272
Lubbers, John H., New Kensington, Pa. Making glass sheets.	814,612	Mar. 6	1218	255-6	121	264
Lubbers, John H., Allegheny, assignor to Window Glass Machine Company, Pittsburg, Pa. Apparatus for drawing glass sheets.	821,724	May 29	5507	1173-4	122	1457
Lubbers, John H., Allegheny, assignor to Window Glass Machine Company, Pittsburg, Pa. Drawing glass cylinders.	822,678	June 5	898	184	122	1927
Lubbers, John H., Allegheny, assignor to J. A. Chambers, trustee, Pittsburg, Pa. Drawing sheet-glass.	822,212	May 29	6438	1367	122	1669
Lubin, Siegmund. (See Weiser, Orville T., assignor.)						
Lucas, Christian E., Atlanta, Ga. Trunk-fastener.	823,343	June 12	2259	471	122	2270
Lucas, Emmett W., Fayetteville, Ark. Woodworking-machine.	823,952	June 19	3437	734	122	2555
Lucas, George. (See Kloman, Theodore W., assignor.)						
Lucas, George, Passaic, N. J. Conveyor.	809,827	Jan. 9	2429	504-5	120	567
Lucas, George C., Cleveland, Ohio. Switch-rod mechanism.	830,089	Sept. 4	359	72	124	87
Lucas, James B., Valley Springs, Cal., assignor to United States Pick Company. Pick.	834,479	Oct. 30	5182	1101	124	2658
Lucas, Joshua M., Bethesda, Ohio. Cuff-holder.	828,942	Aug. 21	2504	530	123	2356
Lucas, Paul, Schöneberg, near Berlin, Germany. Intense-light lamp.	827,380	July 31	5492	1141	123	1449
Lucas, Richard N. (See Leitner, Lucas, and Hill.)						
Lucas, Samuel H., New Brunswick, N. J. Locomotive ash-pan.	833,403	Oct. 16	2810	596	124	1987
Lucas, William H., Newark, Ohio. Mold.	809,199	Jan. 2	1135	236	120	250

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lucas, William H., Newark, Ohio. Cistern-mold.....	815,447	Mar. 20	2967	617	121	754
Lucas, William H., Newark, Ohio. Mold-top.....	820,224	May 8	2435	528	122	605
Lucas, William H., Newark, Ohio. Well-pit-mold frame.....	822,140	May 29	6293	1341	122	1636
Lucas, William H., Philadelphia, Pa., assignor to himself, and Espen-Lucas Machine Works. Turning crank-pins.....	824,557	June 26	4624	982	122	2895
Luce, Edward F., assignor to Edward F. Luce & Company, Inc., Chicago, Ill. Car-door hanger.....	833,612	Oct. 16	3247	690	124	2089
Luce, George D., New Orleans, La. Device for loading sugar-cane.....	813,724	Feb. 27	4395	970	120	2589
Luce, Grafton E., Chicago, Ill. Brick-machine.....	810,290	Jan. 16	3402	704	120	826
Luce, Grafton E., and F. Lambert, Chicago, Ill. Double-decked car.....	829,115	Aug. 21	2865	601-2	123	2450
Luchterhand, Louis R., and H. W. Newton, Boston, Mass. Cushion-tread and the like for boots and shoes.....	827,807	Aug. 7	240	48-9	123	1731
Lucia, Alexander, Hurley, Wis. Hen's nest.....	809,964	Jan. 16	2717	559	120	681
Luck, Hans C., Telluride, Colo. Air-brake appliance.....	827,545	July 31	5924	1228	123	1554
Luck, Hans C., Telluride, Colo. Air-brake appliance.....	814,974	Mar. 13	1926	404-5	121	476
Luck, John J., Aurora, Ill. Molding device for fence-posts and like non-tubular articles.....	833,534	Oct. 16	3076	653	124	2049
Lucke, Charles E. (See Parr and Lucke.)	838,197	Dec. 11	1856	397-8	125	1861
Lucke, Paul P., and F. P. Wernli, Le Mars, Iowa. Lock.....	829,661	Aug. 28	4031	854	123	2785
Luckenbach, Harry, assignor to W. H. Kelly, San Francisco, Cal. Apparatus for producing perfect combustion in furnaces.....	810,163	Jan. 16	3126	647	120	767
Luckenbach, Harry, assignor to W. H. Kelly, San Francisco, Cal. Sand-blast apparatus.....	822,379	June 5	296	61	122	1790
Luckett, John P., Baltimore, Md. Automatic stoker.....	837,858	Dec. 4	1148	254-5	125	1640
Luckett, John P., Baltimore, Md., assignor of two-thirds to E. L. Hubbard and R. M. Smith, Washington, D. C. Automatic faucet.....	819,566	May 1	1039	227	122	234
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Cigar-machine.....	809,384	Jan. 9	1571	320	120	378
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Feeding mechanism.....	812,219	Feb. 13	1426	311	120	1851
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Feeding mechanism.....	812,220	Feb. 13	1430	311-12	120	1852
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Machine for handling cigar bunches.....	815,359	Mar. 20	2781	579	121	710
Luckey, William R., Evadale, Tex. Making fertilizer.....	838,036	Dec. 11	1504	.....	125	1772
Luckhaupt, Lawrence J., St. Louis, Mo. Carriage-curtain fastener.....	812,661	Feb. 13	2292	499	120	2031
Lucey, Cornelius J., Washington, D. C. Paper-feeding device.....	820,804	May 15	3595	769	122	920
Ludeman, John P. (See Jones, Horatio T., assignor.)						
Ludewick, Humbert. (See Ludewick, Tonie and H.)						
Ludewick, Tonie and H., Irving, Ill. Whip-holder.....	811,308	Jan. 30	5478	1142	120	1349
Ludewig, William H., Rock Island, Ill. Surgical operating-engine.....	812,507	Feb. 13	1982	435-6	120	1970
Ludington, Frank J., Waterbury, Conn. Appliance for cutting off and creasing cigarettes.....	808,851	Jan. 2	437	97	120	97
Ludington, Frank J., Waterbury, Conn. Mold-cleaner for cigarette-filling machines.....	832,686	Oct. 9	1348	272-3	124	1576
Ludlow, Manford, Hanford, Cal. Safety device for incline-cars.....	829,534	Aug. 28	3781	803	123	2722
Ludolph, Carl, assignor to C. K. Hagedorn, Berlin, Ontario, Canada. Suspenders.....	837,578	Dec. 4	597	139	125	1502
Ludolph, Frank J., Rochester, N. Y. Trolley device.....	808,852	Jan. 2	443	98	120	99
Ludwick, Jay, Grand Rapids, assignor of two-thirds to G. H. Broesamle, Kalamazoo, and R. A. Ludwick, Leslie, Mich. Fence-post.....	824,429	June 26	4364	929	122	2837
Ludwick, Ray A., et al. (See Ludwick, Jay, assignor.)						
Ludwig, Carl P., Birmingham, Ala. Apparatus for drawing and handling coke and leveling coal.....	832,988	Oct. 9	1943	406-7	124	1719
Ludwig, Edmund B., Kansas City, Mo. Carbureting-lamp.....	816,669	Apr. 3	251	59	121	1415
Ludwig, Ernest H., Manitowoc, Wis. Stop device for circular-knitting machines.....	836,691	Nov. 27	3586	764-5	125	1015
Ludwig, Frank, Montrose, Colo. Boiler-scraper.....	829,024	Aug. 21	2669	562	123	2393
Luebbert, Frederick J., assignor to Ames & Harris, San Francisco, Cal. Feed-bag.....	828,559	Aug. 14	1755	369	123	2135
Lueck, John, Fairbury, Nebr. Windmill pump-rod.....	816,586	Apr. 3	68	15-16	121	1371
Luellen, Lawrence W., Olathe, assignor of one-half to D. H. Heffebower, Miami County, Kans. Voting-machine. (Reissue).....	12,521	Aug. 14	2350	499-500	123	2286
Luetgenau, Eberhard F., Alexandria, Ind. Combined curtain and shade holder.....	825,471	July 10	1609	335	123	437
Lugabill, Christian, Bluffton, Ohio. Building-block.....	815,607	Mar. 20	3256	683	121	817
Luger, Georg, Charlottenburg, Germany. Recoil-operated firearm.....	839,778	Dec. 25	4977	1062	125	2713
Luhman, Edward J., San Francisco, Cal. Machine for cutting butter.....	818,770	Apr. 24	4463	956-7	121	2497
Luhman, Edward J., San Francisco, Cal. Butter mold or tray.....	834,826	Oct. 30	5886	1247	124	2836
Lühne, Johann, Aix-la-Chapelle, Germany. Apparatus for vaporizing liquid combustibles.....	809,200	Jan. 2	1137	236	120	250
Luhrs, Margaret A. E., Hoboken, N. J. Folding attachment for sewing-machines.....	815,026	Mar. 13	2060	431	121	504
Lui, Nathan, New York, N. Y. Folding bed and cabinet.....	809,710	Jan. 9	2226	462	120	521
Luitwieler, Samuel W., Los Angeles, Cal. Pump mechanism.....	819,295	May 1	525	110-11	122	121
Luker, Caleb, Bellingham, Wash. Rotary engine.....	828,943	Aug. 21	2506	530-1	123	2351
Lull, Edward L., Elkhorn, Wis. Artificial bait.....	825,140	July 3	894	189	123	236
Lum, Walter H., Chicago, Ill. Hat-tip-rubbing machine.....	811,309	Jan. 30	5479	1142	120	1349
Lumatta, Eemel, Savo, S. D. Shock-loading machine.....	819,776	May 8	1474	315	122	389
Lumgair, David, West Bay City, assignor of one-half to J. P. Bender, Bay City, Mich. Steam-turbine.....	816,487	Mar. 27	5101	1081	121	1265
Lumière, Auguste and L., Lyon-Monplaisir, France. Photographic plate for color photography.....	822,532	June 5	590	119	122	1856
Lumière, Louis. (See Lumière, Auguste and L.)						
Lumis, Thomas J., New York, N. Y. Necktie-frame.....	818,972	Apr. 24	4841	1040	121	2578
Lumley, William, Chicago, Ill. Card-index drawer.....	809,314	Jan. 9	1423	288	120	347
Lummen, Clement V. de, Brussels, Belgium. Lasting-machine.....	816,587	Apr. 3	69	16-17	121	1371
Lummis, Henry M., and F. W. Hergert, Elizabeth, N. J. Faucet attachment.....	814,715	Mar. 13	1451	304	121	377
Lunbeck, George E., Washington, Iowa. Nippers.....	828,755	Aug. 14	2128	450	123	2229
Lunceford, George E., Karlin, Mo. Hand-car.....	835,965	Nov. 13	2103	451	125	568
Lund, Andreas, Christiania, Norway. Means for regulating turbines.....	810,955	Jan. 30	4791	996-7	120	1201
Lund, Carl C. P., Oakfield, Wis. Stovepipe-joint.....	830,907	Sept. 11	2034	428	124	542
Lund, Christian. (See Dahl and Lund.)						
Lund, Christian, Wausau, Wis. Plant-support.....	812,942	Feb. 20	2845	628	120	2196
Lund, John G. (See Held, Fox, Lund, and Jensen.)						
Lund, John T. (See Hug, Daniel, assignor.)						
Lund, John T., Denver, Colo. Water-seal trap.....	839,165	Dec. 25	3739	807	125	2411
Lundahl, Charlie E., Minneapolis, Minn. Rail-joint.....	818,385	Apr. 17	3659	786	121	2268
Lundell, Robert, New York, N. Y. Dynamo-electric machine.....	821,249	May 22	4531	964	122	1187
Lundin, Gustaf L., East Boston, assignor of two-thirds to T. von Rosenvinge and E. J. O'Brien, Boston, Mass. Smoking-pipe.....	817,379	Apr. 10	1642	348	121	1779
Lundin, Martin, Chattanooga, Tenn., assignor of one-third to C. E. Hoover, Kansas City, Mo. Disk plow.....	820,057	May 8	2112	460	122	534

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lundin, Oliver, Ollie, assignor of one-half to R. E. Lundin and R. Griffith, Brighton, Iowa. Wheel-hub.	819,898	May 8	1719	369	122	449
Lundin, Robert E., <i>et al.</i> (See Lundin, Oliver, assignor.)						
Lundquist, Claus A., Moscow, Idaho. Paint.	827,546	July 31	5925		123	1554
Lundquist, Frank A., Chicago, Ill. Calling device for telephone-exchanges.	822,965	June 12	1456	303-4	122	2092
Lundquist, Frank A., Chicago, Ill. Calling device for telephone-exchanges.	822,966	June 12	1460	304	122	2093
Lundquist, John, Duluth, Minn. Tongs.	836,594	Nov. 20	3348	713	125	924
Lundskog, Julius W., Lynn, Mass., assignor to General Electric Company. Coil-former.	827,315	July 31	5365	1115-16	123	1418
Lundskog, Julius W., Lynn, Mass., assignor to General Electric Company. Coil-former.	834,480	Oct. 30	5184	1101	124	2658
Lundsten, Fritz, Corona, assignor of one-half to T. Eskilsson, Astoria, N. Y. Safety device for elevators.	817,431	Apr. 10	1760	370	121	1803
Lundy, Alpheus A., Fenwick, Canada. Plow-skimmer.	829,592	Aug. 28	3895	825	123	2751
Luney, William D., Denison, Iowa. Snow-shovel.	813,983	Feb. 27	4903	1085	120	2697
Lung, Benjamin F., Johnstown, Pa. Rail-joint.	819,149	May 1	221	47	122	55
Lungren, Arthur F., Gowrie, Iowa. Muller.	830,482	Sept. 4	1181	246	124	292
Lungren, Charles M., Bayonne, N. J., assignor to Safety Car Heating & Lighting Company. Mantle suspension.	814,912	Mar. 13	1806	378	121	452
Lungren, Charles M., Bayonne, N. J., assignor to Safety Car Heating & Lighting Company. Forming mantle-supports.	836,123	Nov. 20	2415	510	125	697
Lunsford, Richard E., Dorsey, Ga. Plow.	814,551	Mar. 6	1106	230	121	240
Lunt, Daniel A., Newburyport, assignor to Lunt, Moss & Co., Boston, Mass. Machine for sawing logs.	817,496	Apr. 10	1892	399	121	1831
Lunt, Isaac H., Barre, Vt. Trolley-harp.	816,239	Mar. 27	4567	972	121	1151
Lunt, Moss & Co. (See Lunt, Daniel A., assignor.)						
Luppert Valentine C., South Williamsport, Pa. Table-support.	838,793	Dec. 18	3002	647-8	125	2183
Lupton, Frank M., Seattle, Wash. Bread-crumber.	831,170	Sept. 18	2562	540	124	699
Lupton, William J., Lockport, N. Y. Paper-slitter.	823,797	June 19	3143	666	122	2520
Lupton, William S., <i>et al.</i> (See Naginey, John C., assignor.)						
Luquire, Wiley H., Birmingham, Ala. Hitching-post.	808,999	Jan. 2	751	162	120	165
Lurty, Charles W., Little Rock, Ark. Combined scissors and pliers.	821,659	May 29	5369	1144	122	1426
Lurye, Henry I., and N. H. Lewis, New York, N. Y. Combined fountain-pen, blotter, and other appliance.	836,516	Nov. 20	3207	681	125	890
Luse, James D., Williamsport, Pa. Mallet.	834,827	Oct. 30	5888	1248	124	2836
Lusher, James L., Grant county, Ind. Nut-lock.	829,982	Sept. 4	140	23	124	34
Lusk, Clayton R. (See Lusk, George A., assignor.)						
Lusk, George A., Binghamton, assignor to C. R. Lusk, Cortland, N. Y. Receptacle for matches.	824,995	July 3	637	128	123	167
Lusso, Charles H., Kalamazoo, Mich. Corset clasp or fastening.	839,610	Dec. 25	4616	985	125	2625
Luster, Thomas A., and J. W. Stewart, Calvert, Tex. Clothes-pin.	835,360	Nov. 6	970	207	125	246
Luten, Daniel B., Indianapolis, Ind. Arch structure.	818,386	Apr. 17	3660	786	121	2268
Luten, Daniel B., Indianapolis, Ind. System of reinforcement for concrete and similar structures.	830,483	Sept. 4	1182	246	124	292
Luther, Benjamin G., Worcester, Mass. Dado-cutter.	829,927	Aug. 28	4612	970	123	2928
Luther, Benjamin G., Worcester, Mass. Saw-setting machine.	835,449	Nov. 6	1152	249	125	290
Luther, Benjamin S., Boston, assignor to Chase-Shawmut Company, Newburyport, Mass. Electric fuse.	815,964	Mar. 27	4015	850	121	1030
Luther, Frank, Elyria, Ohio. Taper-gage.	833,535	Oct. 16	3078	653	124	2049
Luther, George H., Olean, N. Y. Oil-well pumping power.	828,560	Aug. 14	1755	369	123	2135
Luther, Henry R., Newton, Mass. Railway-switch.	821,424	May 22	4914	1044	122	1273
Luther, Henry R., Newton, Mass. Safety railway-switch structure.	823,732	June 19	3016	639	122	2491
Luther, William C., Newark, N. J. Fountain-pen.	815,721	Mar. 20	3496	732	121	870
Luthman, Charles H., Hammond, Ind. Grain-car door.	827,026	July 24	4730	986-7	123	1244
Lutke Manufacturing Co. (See Lutke, Robert G., assignor.)						
Lutke, Robert G., assignor to Lutke Manufacturing Co., Portland, Oreg. Show-case.	810,956	Jan. 30	4795	997	120	1202
Lutter, Herman, and E. A. Gies, Milwaukee, Wis. Crank-planer.	835,543	Nov. 13	1326	284-5	125	378
Lutter, Herman, and E. A. Gies, Milwaukee, Wis. Grinding-machine.	838,556	Dec. 18	2556	552	125	2075
Lutter, Vincenz, Dresden, Germany. Obtaining high polish on furniture and the like.	826,791	July 24	4284	891	123	1137
Lutton, William J., Paterson, N. J. Loom.	812,508	Feb. 13	1985	436	120	1971
Luttrell, John D., Benton Harbor, Mich. Brickmaking-machine.	834,013	Oct. 23	4225	896	124	2372
Lutz, Alexander, assignor to United States Sanitary and Utility Sewage Disposal Company, New York, N. Y. Receiving-basin.	809,201	Jan. 2	1139	237	120	250
Lutz, Clarence O. (See Lutz, John W. and C. O.)						
Lutz, George A. (See Lockwood and Lutz.)						
Lutz, George A. (See Sibley and Lutz.)						
Lutz, George A., New York, N. Y. Conduit for electric conductors.	834,742	Oct. 30	5690	1208	124	2787
Lutz, George A., New York, N. Y. Junction or outlet box.	834,828	Oct. 30	5889	1248	124	2837
Lutz, George A., New York, N. Y. Means for holding receptacles and the like to conduits.	834,829	Oct. 30	5891	1248	124	2837
Lutz, George A., New York, N. Y., and C. C. Sibley, Perth Amboy, N. J. Flexible conduit.	825,227	July 3	1073	227	123	280
Lutz, George H., Kansas City, Mo., assignor to Equitable Asphalt Maintenance Company. Machine for heating surfaces.	839,071	Dec. 18	3506	738	125	2306
Lutz, Harry J., and H. W. Friedel, Wheeling, W. Va. Non-refillable bottle.	818,181	Apr. 17	3264	699	121	2185
Lutz, Henry. (See Sweeney and Lutz.)						
Lutz, John W. (See Brelsford and Lutz.)						
Lutz, John W. and C. O., assignors to Western Tool and Manufacturing Company, Springfield, Ohio. Tool-holder.	835,160	Nov. 6	574	117	125	145
Lutz, Julius, Heidelberg-Neuenheim, Germany. Oscillating-cylinder printing-press.	831,962	Sept. 25	4169	869	124	1146
Lutz, Otto W., Petaluma, Cal. Incubator.	823,182	June 12	1928	397	122	2197
Lutz, Robert H., Rotterdam, N. Y. Metallic railway-tie.	818,182	Apr. 17	3266	699	121	2186
Lutz, Theodore E., Galion, Ohio. Combination adjustment.	837,483	Dec. 4	409	93	125	1458
Lutz, Thomas J., Jr., assignor of one-half to A. Kallmerten, Mansfield, Ohio. Explosive-engine.	816,109	Mar. 27	4318	915	121	1099
Lutz, Walter H., Knoxville, Tenn. Stove.	829,408	Aug. 28	3477	731	123	2646
Lutz, William H., Philadelphia, Pa. Quilting-machine.	825,850	July 10	2402	500-1	123	632
Lutzner, Maximilian A., assignor to Gesellschaft für Industrielle Feuerungsanlagen m. b. H., Berlin, Germany. Air-feeding device for furnaces.	813,102	Feb. 20	3161	691	120	2266
Lux, Julius K., St. Louis, Mo. Controlling means for electric circuits. (Reissue)	12,490	May 29	6477	1375	122	1678
Lux, Julius K., St. Louis, Mo. Controlling means for electric circuits.	835,074	Nov. 6	404	83	125	106
Luyties, Herman C. G., St. Louis, Mo. Dentifrice.	834,676	Oct. 30	5572		124	2757
Lybeck, Nils A., Corning, Cal. Cool brooder.	822,619	June 5	784	159	122	1901
Lydon, Timothy, New York, N. Y. Means for filtering streams and the like.	815,722	Mar. 20	3498	732	121	870
Lyke, Martin D., Evergreen, Pa. Bottle.	834,014	Oct. 23	4226	896	124	2372
Lyle, Alexander, assignor to D. P. Montague and C. Owens, Chattanooga, Tenn. Apparatus for feeding magazines or other articles.	833,071	Oct. 9	2106	443-4	124	1761
Lyle, John C., Lima, Ohio. Hand-rail column.	833,746	Oct. 23	3496	746	124	2195
Lyle, Robert W., New York, N. Y. Drier for clay products.	834,584	Oct. 30	5376	1141	124	2706

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Lyle, Robert W., New York, N. Y., assignor to W. J. Lyle, South River, N. J. System and means for drying and burning clay products.	812,509	Feb. 13	1987	436-7	120	1971
Lyle, William J. (See Lyle, Robert W., assignor.)						
Lyman, Albert E., Springfield, Mass. Display-rack for seed-packages.	835,161	Nov. 6	576	117	125	146
Lyman, Dwight E., Hartford, Conn. Intermittent grip device.	821,301	May 22	4640	989	122	1209
Lyman, Dwight G., Omaha, Nebr. Carrier.	813,160	Feb. 20	3278	721	120	2290
Lyman Gun Sight Corporation. (See Windridge, James, assignor.)						
Lynam, Daniel E., Chicago, Ill. Valve-seat-dressing device.	817,260	Apr. 10	1423	299	121	1732
Lynch, Albert E., et al. (See Duncan, Perry R., assignor.)						
Lynch, Arthur C., Richmond Hill, assignor to Sterling Blower & Pipe Manufacturing Company, New York, N. Y. Pneumatic conveying apparatus.	815,965	Mar. 27	4016	850	121	1031
Lynch, Arthur C., Richmond Hill, N. Y., assignor to Sterling Blower & Pipe Manufacturing Company, Hartford, Conn. Dust collector and separator.	815,966	Mar. 27	4017	850	121	1031
Lynch, Arthur C., Richmond Hill, N. Y., assignor to Sterling Blower & Pipe Manufacturing Company, Hartford, Conn. Dust-collector and like apparatus.	815,967	Mar. 27	4019	850-1	121	1031
Lynch, Arthur C., Richmond Hill, N. Y., assignor to Sterling Blower & Pipe Manufacturing Company, Hartford, Conn. Separable pipe-joint.	815,968	Mar. 27	4021	851	121	1031
Lynch, Bartholomew J., Olyphant, Pa. Follower.	822,849	June 5	1221	252	122	1995
Lynch, Eugene V., New York, N. Y. Metallic ladder.	826,863	July 24	4426	922	123	1170
Lynch, George E., assignor to J. A. Jeffrey, Columbus, Ohio. Switch.	813,506	Feb. 27	3975	873	120	2498
Lynch, Jasper. (See Thomas and Lynch.)						
Lynch, Joseph H., Red Bank, N. J. Signal system.	817,497	Apr. 10	1894	399-400	121	1831
Lynch, Patrick H., New York, N. Y. Pump.	813,051	Feb. 20	3052	671	120	2241
Lynch, Thomas, Jefferson, Iowa. Tip for rocking-chairs.	810,957	Jan. 30	4796	997	120	1202
Lynd, James W. (See Gay, Daniel G., assignor.)						
Lynde, Ernest A., New York, N. Y. Amusement apparatus.	834,389	Oct. 30	5021	1063	124	2617
Lyndon, Edward. (See Hubbard and Lyndon.)						
Lyndon, Lamar, New York, N. Y. Device for recharging the storage batteries of automobiles.	815,360	Mar. 20	2788	579-81	121	712
Lyndon, Lamar, East Orange, N. J. Regulator for prime movers.	832,072	Oct. 2	80	18-19	124	1231
Lyndon, Lamar, assignor to General Storage Battery Company, New York, N. Y. End-cell switch.						
Lynn, Howard R., Cleveland, Ohio. Coffee or tea urn.	810,958	Jan. 30	4798	998	120	1202
Lynn, Hugh L., Glenville, Ky. Brake.	831,673	Sept. 25	3598	755	124	1003
Lynn, John M., Eldorado, Tex. Rod-coupling.	814,223	Mar. 6	431	88	121	93
Lynn, John W. (See Gard and Lynn.)	835,028	Nov. 6	307	65	125	79
Lynn, Robert H., Bolivar, Pa. Veneering-machine.	814,382	Mar. 6	773	156	121	171
Lynn, Robert M., Wilkinsburg, Pa. Rail-joint.	836,517	Nov. 20	3208	681	125	890
Lyons, A. K. (See Young, William H., assignor.)						
Lyons, Fred C., Evanston, Ill. Adjustable headlight.	821,047	May 22	4148	882	122	1102
Lyons, Henry C., Howard Lake, Minn. Hammer.	834,149	Oct. 23	4525	960	124	2449
Lyons, Howard, Oneonta, N. Y. Automatic-lighting burner.	835,138	Nov. 6	539	110	125	138
Lyons, Israel W., Englewood, N. J. Tooth-powder cup.	835,861	Nov. 13	1925	406	125	526
Lyons, Lora B., Detroit, Mich. Bust-supporter.	818,104	Apr. 17	3090	667	121	2146
Lyons, Augustus J., et al. (See Russ, John D., assignor.)						
Lyons, Charles H., Silver City, N. Mex. Ter. Bottle-closure.	822,141	May 29	6294	1341	122	1636
Lyons, Henry C., and C. R. Clark, Alexandria, Va. Sash-weight.	838,876	Dec. 18	3153	679-80	125	2221
Lyons, Henry C., and C. R. Clark, Alexandria, Va. Sash-weight.	838,877	Dec. 18	3155	680	125	2221
Lyons, John A., and E. C. Broadwell, Chicago, Ill. Producing ammonia.	816,928	Apr. 3	762	157	121	1528
Lyons, John H., Lyons, Oreg. Protector for tool-handles.	822,006	May 29	6043	1288	122	1578
Lyons, John W., Philadelphia, Pa. Saggars for baking pottery.	817,722	Apr. 10	2297	495	121	1918
Lyons, Percy M., Gueydan, La. Mixer.	832,400	Oct. 2	769	149	124	1398
Lyons, Robert L., Waltham, Mass. Stitch-forming means for sewing-machines.	818,840	Apr. 24	4595	986	121	2525
Lyons, William H., West Orange, N. J. Hat-sizing machine.	813,656	Feb. 27	4270	938-9	120	2562
Lyster, Frank, Philadelphia, Pa. Trap-door, skylight, and roof-ventilator.	835,966	Nov. 13	2104	451	125	568
Lystne, Andrew O., Eagle Lake, Minn. Fishing device.	809,965	Jan. 16	2718	559	120	681
Lytle, Rowan, Alton, Ohio. Fire-escape.	836,595	Nov. 20	3349	714	125	924
Lytton, Jarard W., Portsmouth, Va. Apparatus for discharging liquids in vacuo.	809,385	Jan. 9	1574	320	120	379
M. Garland Company. (See Garland, Michael, assignor.)						
M. Prager Company et al. (See Mead, Charles, assignor.)						
M. C. Lilley & Company. (See Feeback, Edwin G., assignor.)						
M. J. Daly and Sons. (See Daly, Edmund J., assignor.)						
Ma Lone, Lillian O., New Brighton, Pa. Garment-supporter.	823,284	June 12	2150	449	122	2246
Ma Loney, Mato F., Norfolk, Nebr. Combined shirt and suspenders.	831,172	Sept. 18	2564	541	124	699
Maag, Edward L., Clarksburg, Ohio. Mold.	811,310	Jan. 30	5481	1142-3	120	1350
Maag, George, assignor to XXth Century Heating and Ventilating Company, Akron, Ohio. Furnace-radiator.	813,507	Feb. 27	3978	873	120	2499
Maas, William F., Massena, Iowa. Draft-equalizer.	824,254	June 26	4012	859	122	2766
Maass, Gottfried, Duisburg, Germany. Lubricating-pad frame.	828,617	Aug. 14	1857	391	123	2161
Maass, Gottfried, Duisburg, Germany. Lubricating-pad frame.	828,857	Aug. 14	2322	494	123	2277
Maass, Gottfried, Duisburg, Germany. Lubricating-pad frame.	828,858	Aug. 14	2323	494	123	2278
Maass, Henry. (See Dart and Maass.)						
Mabery, Charles F., Cleveland, Ohio. Treating pulp, wood, &c., and the resulting material.	832,799	Oct. 9	1579		124	1631
Mabry, Narvell, Meridian, Miss. Cotton-chopper.	828,944	Aug. 21	2508	531	123	2357
MacArthur, Alexander W., Philadelphia, Pa. Advertising device.	814,383	Mar. 6	775	156-7	121	171
MacAtror, William P., assignor of one-half to A. V. Segno, Los Angeles, Cal. Harness attachment.	831,171	Sept. 18	2563	540	124	699
MacClerman, Richard H., West Philadelphia, assignor to Contractors Wagon Company, Philadelphia, Pa. Dump-wagon.	837,630	Dec. 4	700	161	125	1528
MacCormack, John, Bayonne, N. J., assignor to Engineer Company. Device for feeding fuel.	826,792	July 24	4285	891	123	1137
MacCorquodale, Peter H. (See Stearns and MacCorquodale.)						
MacCoy, Andrew T., Dover, assignor to C. B. Strecker, Brookline, Mass. Type-writing machine.	839,492	Dec. 25	4387	937-9	125	2568
MacDavenport, Henry. (See Shrewsbury, Joseph E., assignor.)						
MacDonald, Clayton F. (See MacDonald, William C. and C. F.)						
MacDonald, George S., Helena, Mont. Rotary engine.	823,607	June 19	2782	589	122	2440
MacDonald, George W., Philadelphia, Pa. Optical device.	839,016	Dec. 18	3395	733	125	2279
MacDonald, John A., Malden, assignor to F. L. Wells, Boston, Mass. Automatic railway-switch.	819,296	May 1	526	111	122	122
MacDonald, John W., Pittsburg, Pa. Refrigerator.	830,342	Sept. 4	886	182	124	220
MacDonald, Ralph L., Niagara Falls, N. Y. Lock.	822,062	May 29	6150	1311	122	1602
MacDonald, Robert, Hope, R. I. Shoe-rack.	819,777	May 8	1475	316	122	390
MacDonald, William C. and C. F., Rock Island, Ill. Pocket-lighter.	831,882	Sept. 25	4021	838	124	1110
MacDougall, John, Detroit, Mich. Filter.	837,631	Dec. 4	702	162	125	1528

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
MacDougall, John, assignor to F. E. Kirby, Detroit, Mich., and W. W. Near, Montreal, Canada. Filter for purifying water.	819,357	May 1	661	138-9	122	151
MacDougall, John, assignor to F. E. Kirby, Detroit, Mich., and W. W. Near, Montreal, Canada. Cleaning filters.	819,358	May 1	663	139	122	152
MacGerald, Willis, Chicago, Ill. Combined mailing-card and indicating device.	830,343	Sept. 4	888	182	124	220
MacGregor, Wallace F., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Beater for threshing-machines.	837,088	Nov. 27	4404	933	125	1220
MacIlwaine, Annie M., Dorleska, Cal. Attachment for bedsteads.	826,950	July 24	4586	955	123	1211
MacIndoe, John F., and P. T. McGlynn, Philadelphia, Pa. Reversible rotary turbine-engine.	833,073	Oct. 9	2110	444-5	124	1762
MacKaskie, Peter M., assignor of one-half to K. Pittman, Tonopah, Nev. Rubber foot-wear.	825,851	July 10	2403	501	123	633
MacKaye, Harold S., Yonkers, N. Y., assignor, by mesne assignments, to Elevator Securities Company. Elevator.	811,513	Jan. 30	5839	1223	120	1424
MacKean, Frank, Chicago, Ill. Insulator-pin.	814,613	Mar. 6	1220	256	121	264
MacKenzie, Andrew A., Belfast, Ireland. Sewing-machine.	825,741	July 10	2208	459-60	123	584
MacKenzie, George W., Ben Avon, Pa. Blotting-ruler.	811,311	Jan. 30	5483	1143	120	1350
MacLean, James. (See Tuttle and MacLean.)						
MacLean, James, assignor to United States Specialty Company, Boston, Mass. Wrench.	834,312	Oct. 30	4862	1027	124	2576
MacLeod, Alexander. (See Hall and MacLeod.)						
MacLeod-Carey, Arthur, Middlesbrough, England. Means for anchoring and securing flat-bottomed rails in the permanent ways of railways, &c.	830,607	Sept. 11	1435	298	124	383
MacLeod, James A., trustee. (See Noyes, Harry W., assignor.)						
MacLeod, John N., Chicago, Ill. Hog-scalders.	814,384	Mar. 6	777	157	121	172
MacLeod, Norman M., Los Angeles, Cal. Guard for revolvable cutters.	838,730	Dec. 18	2879	620	125	2154
MacMahon, James, Irvington, and F. Wesler, Newark, N. J. Mercury-column.	824,304	June 26	4093	875	122	2783
MacMillan, Clyde, assignor to A. N. Audet and W. J. Brennan, Williamsport, Pa. Umbrella runner or notch.	819,238	May 1	411	86	122	97
MacMillan, James A., assignor to W. M. Swan, Detroit, Mich. Fecal-analyzer.	820,004	May 8	1996	438	122	507
MacNair, Charles F., Dansville, N. Y. Plow.	832,989	Oct. 9	1948	407	124	1720
MacNaughton, James, <i>et al.</i> (See Rossi, Auguste J., assignor.)						
MacNicol, Nicol, Glasgow, Scotland. Steam-boiler.	839,166	Dec. 25	3741	807-8	125	2412
MacNutt, Archibald H. (See Clevenger, Joshua D., assignor.)						
MacNutt, Barry. (See Whitehorse, William R., assignor.)						
MacTaggart, James D. (See Brewer, William T., assignor.)						
MacCarthy, Henry, assignor to American Can Company, New York, N. Y. Sheet-metal can.	811,648	Feb. 6	223	48	120	1534
MacCarthy, Henry, assignor to American Can Company, New York, N. Y. Sheet-metal humidior.	811,729	Feb. 6	360	80	120	1566
Macartney, Edmund C., assignor of one-half to H. B. Amerling, Philadelphia, Pa. Self-clearing rake.	819,017	Apr. 24	4928	1058	121	2598
Macartney, Edmund C., assignor of one-half to H. B. Amerling, Philadelphia, Pa. Comb.	823,131	June 12	1823	376	122	2173
Macauley, Alvan, St. Louis, Mo., assignor, by mesne assignments, to Burroughs Adding Machine Company, Detroit, Mich. Adding-machine.	823,474	June 12	2487	525-6	122	2317
Macauley, Edwin W., Rochester, N. Y. Fruit-jar wrench.	824,369	June 26	4229	902	122	2811
Macauley, Frank I., Alameda, Cal. Fly-catcher.	816,929	Apr. 3	763	157	121	1528
Macauley, Frank I., Alameda, Cal. Gripper for printing-presses.	822,967	June 12	1462	305	122	2094
Macbeth, Charles E., assignor to Long & Allstatter Co., Hamilton, Ohio. Punch or shears.	812,576	Feb. 13	2141	469	120	2003
Macbeth, George A., Pittsburg, Pa. Composite lens.	832,916	Oct. 9	1817	375	124	1689
Macbeth, George A., Pittsburg, Pa. Colored signal-lens.	832,917	Oct. 9	1818	375	124	1689
Maccaferri, Gaetano, Zola Predosa, Italy. Gabion for protecting river-banks.	837,484	Dec. 4	412	93	125	1458
Maccallum, James, St. Louis, Mo. Book-support.	809,315	Jan. 9	1424	288	120	347
Maccallum, James, St. Louis, Mo. Book-support.	833,887	Oct. 23	3828	813	124	2277
Maccallum, Patrick F., assignor of one-half to R. Gray, Glasgow, Scotland. Water-mo-bile.	830,447	Sept. 4	1108	232	124	274
Macdonald, Alexander F., Schenectady, N. Y. Holder for tickets, records, &c.	827,104	July 31	4926	1029	123	1307
Macdonald, Alexander F., Schenectady, N. Y. Holder for tickets, checks, &c.	827,105	July 31	4929	1029	123	1308
Macdonald, Hugh R., Alexandria, Canada. Whey-measuring apparatus.	818,545	Apr. 24	3996	857	121	2393
Macdonald, John, Fort Russell, Wyo. Urinal-basin waste-pipe.	833,072	Oct. 9	2109	444	124	1762
Macdonald, Thomas F., <i>et al.</i> (See McGregor, Archibald, assignor.)						
Macdonald, Thomas H., Bridgeport, Conn. Sound-reproducer.	830,446	Sept. 4	1107	231	124	274
Macdonald, Thomas H., Bridgeport, Conn. Manufacturing sound-records.	836,466	Nov. 20	3443	735	125	945
Macdonald, Thomas H., assignor to American Graphophone Company, Bridgeport, Conn. Sound-reproducer.	835,544	Nov. 13	1330	286	125	379
Macdonell, Allan, Laredo, Tex. Combined land-roller, furrow opener, and marker.	814,716	Mar. 13	1452	304	121	377
Macdonell, Allan G., Chevy Chase, Md. Amalgamator.	821,108	May 22	4269	908-9	122	1128
Macduff, James B., Brooklyn, N. Y. Steering-wheel spindle for vehicle-axes.	833,404	Oct. 16	2811	596	124	1987
Mace, Alfred H., assignor to A. H. Mace & Company, Montreal, Quebec, Canada. Ice-cream freezer.	838,557	Dec. 18	2558	553	125	2075
Mace & Company, A. H. (See Mace, Alfred H., assignor.)						
Macfarlane, Charles B., Waltham, Mass. Tablet-board.	808,669	Jan. 2	92	21	120	22
Macfarlane, James W. (See Laidlaw and Macfarlane.)						
Macfarlane, Thomas, Ottawa, Canada. Dry closet.	815,969	Mar. 27	4022	851	121	1032
Macfarlane, William P. A., Chicago, Ill. Fluid-pressure brake.	819,032	Apr. 24	4960	1064	121	2604
Macfie, Daniel, Edinburgh, Scotland. Dry meter for gas, air, and like fluids.	813,312	Feb. 20	3587	787	120	2353
Macgowan & Finigan Foundry & Machine Company. (See Lower, Henry C., assignor.)						
Macgregor, Duncan S., Invercargill, New Zealand. Means for raising and lowering curtain-poles.	829,593	Aug. 28	3896	825	123	2752
Mach, Frank J. (See Miethke and Mach.)						
Machado, Manuel C., Morro, assignor of one-half to A. H. Froom, Santa Maria, Cal. Sidehill-harrow draft attachment.	816,986	Apr. 3	887	183	121	1555
Machia, Thomas, St. Francis, Wis. Cotter.	833,789	Oct. 23	3592	768	124	2218
Machinery Exchange. (See Grey, Sylvester P., assignor.)						
Machlet, Adolph W., Elizabeth, N. J. Case-hardening apparatus.	822,460	June 5	437	90	122	1820
Machlet, Fritz W., Elizabeth, N. J. Pump.	825,671	July 10	2073	432-3	123	552
Machlet, George, Jr., Elizabeth, N. J. Gas-burner.	819,018	Apr. 24	4929	1058	121	2598
Machlet, George, Jr., Elizabeth, N. J. Gas-burner.	823,475	June 12	2503	526	122	2321
Mack, Augustus F., Brooklyn, N. Y. Transmission-gear.	826,793	July 24	4287	891	123	1137
Mack, Augustus F., Brooklyn, N. Y. Friction-clutch.	826,794	July 24	4290	892	123	1139
Mack, Ernest U., Florence, S. C., assignor to Crown Cork and Seal Company, Baltimore, Md. Bottling-machine.	813,562	Feb. 27	4098	899	120	2527
Mack, Josiah D., Salem, N. Y. Broom-holder.	825,332	July 10	1292	272	123	355
Mack, Lyda E. (See Folsen, Warner L., assignor.)						
Mack, Patrick H., Independence, Kans., assignor of one-half to Independence Iron Works Company, Lima, Ohio. Temper-screw clamp.	835,545	Nov. 13	1332	286	125	379
Mack, Rudolph A., Gallipolis, Ohio. Axle-lubricator.	826,588	July 24	3903	808	123	1037

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Mackall, B. F., <i>et al.</i> (See Casella, Secondo L., assignor.)						
Mackay, Angus G. (See Philpott, William A., Jr., assignor.)						
Mackay, Helen, Prince Albert, Canada. Flour-sifter	821,109	May 22	4272	909	122	1129
Mackay, William E. S., South Yarra, Victoria, Australia. Door for lifts	810,873	Jan. 23	4589	955	120	1123
Mackel, William, Caney, Kans. Self-setting mouse and rat trap	829,960	Sept. 4	53	10	124	13
Mackenzie, Alexander W., and J. Ross, assignors of one-third to J. Gill, Edinburgh, Scotland. Dumb-bell	812,144	Feb. 6	1232	267-8	120	1742
Mackey, Chas. W., <i>et al.</i> (See Hutchinson, Charles G., assignor.)						
Mackey, James. (See Head and Mackey.)						
Mackey, James, Bradford, England. Steam-cooker	837,485	Dec. 4	412	94	125	1459
Mackie, Frank A., Arlington, N. J. Builder's scaffold-bracket	834,919	Nov. 6	84	16	125	24
Mackie, John, assignor to R. F. and J. Alexander and Company, Limited, Neilston, Scotland. Machinery for winding balls	836,327	Nov. 20	2837	602-4	125	802
Mackin, Francis J., assignor of two-thirds to Illinois-Pacific Glass Company, San Francisco, Cal. Apparatus for molding glass articles	817,576	Apr. 10	2045	430-1	121	1862
Mackin, John W., assignor to C. T. Drake, Chicago, Ill. Conveyer	809,316	Jan. 9	1425	288-9	120	347
Mackin, Joseph F., Columbus, Ohio. Trolley-pole controller	820,584	May 15	3166	682	122	826
Mackin, Thomas H., and M. E. Hammer, Havre de Grace, Md. Non-refillable bottle	828,756	Aug. 14	2129	451	123	2230
Mackintosh, Edward D., New York, N. Y. Drawing and plotting device	814,789	Mar. 13	1597	335	121	409
Mackintosh, Harry, Shipley, England. Jacquard for weaving-loom	819,567	May 1	1040	227-8	122	234
Mackintosh, John W. (See Strickler, Frank B., assignor.)						
Mackind, William R., Mineral Point, Mo. Apparatus for washing barytes	839,493	Dec. 25	4401	939-40	125	2572
Maclean, John, Ilford, England. Portable electric drilling-machine	828,945	Aug. 21	2509	531-2	123	2357
Maclean, John S., Columbus, Ohio. Drawer	838,037	Dec. 11	1505	324	125	1772
Macloskie, George, Schenectady, N. Y., assignor to General Electric Company. Fluid-pressure governor	826,341	July 17	3339	690-1	123	877
Macloskie, George, Schenectady, N. Y., assignor to General Electric Company. Emergency-brake	836,982	Nov. 27	4184	890-1	125	1166
Macmillan, George. (See Ramage, Alexander G., assignor.)						
Macmillan, James R., Menomonee, Wis., assignor to Northwestern Storage Battery Company, Chicago, Ill. Storage battery	817,498	Apr. 10	1899	400	121	1832
Macnaughton, Joseph, Edinburgh, Scotland. Paper-making apparatus for separating sand, metal, and other impurities from pulp	813,984	Feb. 27	4904	1086	120	2697
Macomber, Charles J. (See Schmid and Macomber.)						
Macomber, George R., Baltimore, Md. Electric sign	824,494	June 26	4494	952	122	2868
Macomber, Grant C., Battle Creek, Mich. Reversible shaft-governor	832,990	Oct. 9	1950	408	124	1721
Macomber, William, assignor to General Railway Signal Company, Buffalo, N. Y. Railway switching and signaling apparatus	832,137	Oct. 2	235	47	124	1270
Macomber, William, assignor to General Railway Signal Company, Buffalo, N. Y. Railway switching apparatus	832,138	Oct. 2	240	47	124	1271
Macomber, William, assignor to General Railway Signal Company, Buffalo, N. Y. Railway switching apparatus	832,139	Oct. 2	243	47	124	1271
Macomber, William, assignor to General Railway Signal Company, Buffalo, N. Y. Railway switching apparatus	832,140	Oct. 2	246	47-8	124	1272
Macomber, William I., Providence, R. I. Self-closing bracelet	827,164	July 31	5082	1056	123	1350
Macon, W. T., administrator, <i>et al.</i> (See Schweinler, Henry R., assignor.)						
Macpherson, Duncan J., Lancaster, Ontario, Canada. Cheese-box	830,795	Sept. 11	1831	381	124	492
Macrate, Michael N., assignor to himself and J. A. Toomey, trustees, San Francisco, Cal. Oil-burner	817,128	Apr. 3	1137	235	121	1613
Macreadie, Andrew S., South Portland, Me. Car-signal	808,937	Jan. 2	617	134	120	136
Maey, Allison A., and B. T. Duncan, assignors of one-third to H. M. Roys, Wenatchee, Wash. Machine for nailing fruit-boxes	822,142	May 29	6295	1342	122	1636
Maey, Frederick S., Boston, Mass., assignor of one-half to W. T. Jenkins, Pittsburg, Pa. Fiber-cleaning machine	828,822	Aug. 14	2251	479	123	2261
Maey, John W., assignor to Baldwin Company, Cincinnati, Ohio. Pneumatic-motor governor	816,169	Mar. 27	4441	940	121	1124
Macziossek, Friedrich A., assignor to Gasglühlicht Gesellschaft Hamburg M. B. H., Hamburg, Germany. Body of woven fabric for incandescent lights	828,492	Aug. 14	1618	342	123	2099
Madden, John G. (See Henry and Madden.)						
Madden, Patrick H., and H. E. Simpson, Sparta, Wis. Railway cross-tie, switch-tie, and head-block	829,278	Aug. 21	3217	677	123	2536
Madden, Patrick L., and G. Pfender, Pittsburg, Pa. Cuspidor	814,385	Mar. 6	779	157	121	172
Maddern, William A., Boulder City, Western Australia, Australia. Ore-roasting furnace	831,232	Sept. 18	2678	563	124	726
Maddison, William E., and W. Downs, Irthlingborough, England. Nailing, slugging, or like machine for use in boot and shoe manufacture	817,179	Apr. 10	1253	259-60	121	1698
Maddox, Charles A., Dolgeville, assignor to Daniel Green Felt Shoe Company, New York, N. Y. Machine for making ornaments	834,213	Oct. 23	4647	985-6	124	2479
Maddox, John W., Jamestown, N. Y. Rubbing and polishing machine	822,461	June 5	446	90-1	122	1822
Maddox, John W., assignor of one-half to A. E. Tull, Tulls Corner, Md. Bottle or receptacle	837,089	Nov. 27	4406	934	125	1220
Maddox, William H., East St. Louis, Ill. Emergency angle-cock	824,036	June 19	3601	767	122	2618
Maddox, William J., assignor to American Aristotype Company, Jamestown, N. Y. Photographic-printing cabinet	832,141	Oct. 2	251	48	124	1274
Maddux, Joshua O., assignor of one-half to F. G. Munzer, Bakersfield, Cal. Egg-carrier	811,158	Jan. 30	5187	1083	120	1285
Madigan, Patrick J., Chicago, Ill. Combined door-lock and indicator for carriers used in pneumatic tubes	808,768	Jan. 2	291	63	120	66
Madir, Juan, Frankfurt-on-the-Main, Germany. Bottle-stopper	817,350	Apr. 10	1643	348	121	170
Madison, Alfred L., assignor to Willcox and Gibbs Sewing Machine Company, New York, N. Y. Presser-foot lifter for sewing-machines	818,896	Apr. 24	4693	1007	121	2545
Madison, Clarence A., Pine Bluff, Ark. Track-cleaner	834,529	Oct. 30	5271	1120	124	2682
Madison, Frederick L., Washington, D. C. Curtain-fastener for vestibule-cars	829,983	Sept. 4	141	23	124	34
Madison, Herbert E., Chicago, Ill. Change-maker	826,675	July 24	4070	843-4	123	1083
Madison Kipp Lubricator Company. (See Stetling, Albert A., assignor.)						
Madlinger, Charles. (See Fisher, Fred, assignor.)						
Madlinger, Joseph. (See Fisher, Fred, assignor.)						
Madsen, Charles A., Brooklyn, N. Y. Machine for sealing and stamping envelopes	813,985	Feb. 27	4905	1086-7	120	2697
Madsen, Mads H., Kimballton, Iowa. Hay-handling mechanism	826,043	July 17	2769	574	123	739
Maechling, Frederick, St. Louis, Mo. Base-ball bat	814,857	Mar. 13	1715	358	121	433
Maenche, Albert T., assignor to American Lacing Hook Company, Waltham, Mass. Gage for lacing-hook machines	839,397	Dec. 25	4188	897-8	125	2521
Maerker, Hans, Wiesbaden, Germany. Tire for wheels	818,771	Apr. 24	4465	957	121	2497
Maffett, Robert R., Bayonne, N. J., assignor to International Nickel Company. Recovery of metals	833,722	Oct. 16	3454		124	2137
Maffett, Robert R., Bayonne, N. J., assignor to International Nickel Company. Separation of nickel from copper	838,125	Dec. 11	1696		125	1821

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Magann Air Brake Company. (See Omick, William K., assignor.)						
Magarò, Petro, No. 3, Steelton, assignor of one-third to S. Magaro and N. Grandonio, Harrisburg, Pa. Lock.....	824,370	June 26	4231	902	122	2812
Magaro, Salvatore, <i>et al.</i> (See Magarò, Petro, No. 3, assignor.)						
Magdeburg, Max. (See Wachter, Wilhelm, assignor.)						
Magee Furnace Company. (See Magee, John, assignor.)						
Magee, John, Malden, assignor to Magee Furnace Company, Boston, Mass. Heater.....	814,224	Mar. 6	432	89	121	93
Magee, John, Winchester, assignor to Magee Furnace Company, Boston, Mass. Attachment for heaters.....	826,676	July 24	4074	845	123	1083
Magee, Robert W. (See Armstrong, Pugh, and Magee.)						
Magenis, James P., Boston, Mass. Base-ball-game apparatus.....	811,159	Jan. 30	5188	1084	120	1286
Magerstedt, Otto. (See Andresen, Magerstedt, and Ollendorff.)						
Magie, William E. (See Ferris and Magie.)						
Magie, William E. (See Knox and Magie.)						
Magie, William E., assignor to Bucyrus Company, South Milwaukee, Wis. Traversing mechanism.....	809,454	Jan. 9	1723	355	120	412
Magie, William E., assignor to Bucyrus Company, South Milwaukee, Wis. Excavator.....	825,549	July 10	1785	376	123	478
Magie, William E., assignor to Bucyrus Company, South Milwaukee, Wis. Friction-clutch.....	827,316	July 31	5367	1116	123	1419
Magill, Francis A., Tacoma, Wash. Fountain eye-bath cup.....	830,608	Sept. 11	1437	299	124	384
Magill, John H., and H. H. Polson, Rego, Ind. Nut-lock.....	838,558	Dec. 18	2559	553	125	2076
Maginn, Adjutor, Montreal, Canada. Machine for use in packing biscuits.....	812,221	Feb. 13	1434	312-13	120	1853
Magnetic Control Company. (See Bacon, Daniel, assignor.)						
Magney, Joseph P., and W. H. Masterman, deceased, (F. R. Kellogg, administrator,) assignors to National Engine Company, Los Angeles, Cal. Compound fluid-pressure motor.....	823,060	June 12	1661	344	122	2138
Magnin, Ernest S., Chicago, Ill. Automatically-inflatable buoy.....	826,342	July 17	3342	691	123	878
Magnus, Philip, Northcote, and T. J. Davis, North Fitzroy, assignors to Rubberized Leather and Tyre Company, Limited, Melbourne, Victoria, Australia. Preparing leather.....	837,859	Dec. 4	1152		125	1640
Magnuson, Axel, New York, N. Y., assignor, by mesne assignments, to Otis Elevator Company, Jersey City, N. J. System of motor control.....	816,804	Apr. 3	490	109	121	1464
Magnuson, Axel, New York, N. Y., assignor, by mesne assignments, to Otis Elevator Company, Jersey City, N. J. System of motor control.....	816,805	Apr. 3	495	109	121	1466
Magnuson, Axel, New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Electric traction-elevator.....	816,806	Apr. 3	500	110	121	1468
Magnuson, Axel, New York, N. Y., assignor, by mesne assignments, to Otis Elevator Company, Jersey City, N. J. Electric-elevator system.....	816,869	Apr. 3	637	133	121	1500
Magnuson, Axel, New York, N. Y., assignor, by mesne assignments, to Otis Elevator Company, Jersey City, N. J. System of motor control.....	816,930	Apr. 3	764	158	121	1528
Magnuson, Axel, New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. System of motor control.....	816,931	Apr. 3	768	158	121	1529
Magnuson, Axel, New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. System of motor control.....	830,158	Sept. 4	509	104	124	128
Magnuson, Axel, New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. System of motor control.....	830,242	Sept. 4	687	138	124	174
Magoun, Abner B., Brantrock, Mass. Combined envelop and letter-paper.....	810,658	Jan. 23	4189	865	120	1036
Magoun, Abner B., Brantrock, Mass. Combined envelop and letter-paper.....	813,725	Feb. 27	4396	970	120	2590
Magowan, Frank A., Trenton, N. J. Flush-tank.....	830,243	Sept. 4	691	138	124	175
Maguin, Alfred, Charnes, France. Lifting and separating wheel.....	810,066	Jan. 16	2946	614	120	732
Maguin, Alfred, Charnes, France. Beet-washing machine.....	821,811	May 29	5684	1210-11	122	1499
Maguin, Alfred, Charnes, France. Machine for sharpening beet-slicing knives.....	834,390	Oct. 30	5024	1063-4	124	2617
Maguire, Joseph H., Wayne, Pa. Amusement apparatus.....	824,805	June 26	4094	875 6	122	2783
Maguire, Thomas F. (See Sheldon, Herbert F., assignor.)						
Mahaffy, Samuel H., St. Louis, Mo. Apparatus for fresh-air treatment.....	835,075	Nov. 6	414	83	125	109
Mahaffy, William S., Cleveland, Ohio. Wire fence.....	825,916	July 17	2519	524	123	671
Maher, George J. (See Moriarty, William, assignor.)						
Maher, Joseph, and C. W. Harbison, Columbus, Ohio. Locking mechanism for switch-points.....	837,860	Dec. 4	1155	255	125	1641
Mahl, Andrew C., Oakmont, Pa. Grater.....	835,285	Nov. 6	817	170	125	207
Mahn, Hermann, St. Louis, Mo. Clamp for holding plates of glass assembled.....	820,225	May 8	2436	528	122	606
Mahnicke, Charles L., Columbus, Ohio. Pipe-wrench.....	834,920	Nov. 6	85	17	125	24
Mahoney, Daniel H., Vincennes, Ind., assignor to Mahoney R. R. Ditching Machine Company. Excavating and loading machine.....	830,090	Sept. 4	362	72-3	124	88
Mahoney, James, Mount Alton, Pa. Hook for sucker-rod elevators.....	815,723	Mar. 20	3500	732	121	871
Mahoney, Jeremiah L., Cincinnati, Ohio. Sole and sole-placer.....	814,061	Mar. 6	122	24	121	28
Mahoney, Jeremiah L., Naugatuck, Conn. Die for making ornamented plastic articles.....	819,150	May 1	222	47	122	55
Mahoney, Jeremiah L., assignor of one-half to F. F. Schaffer, Naugatuck, Conn. Striped rubber tubing.....	817,079	Apr. 3	1045	217	121	1590
Mahoney, Jeremiah L., assignor of one-half to F. F. Schaffer, Naugatuck, Conn. Method of and apparatus for making striped fabric from plastic material.....	817,080	Apr. 3	1046	217	121	1590
Mahoney, Joseph N., Astoria, N. Y., assignor, by mesne assignments, to American Electric Brake Company. Electric brake for vehicles.....	813,052	Feb. 20	3055	672	120	2241
Mahoney R. R. Ditching Machine Company. (See Mahoney, Daniel H., assignor.)						
Mahoney, Thomas, Pittsburg, Pa. Camera.....	836,596	Nov. 20	3351	714	125	925
Mahony, William F., Washington, D. C. Bottle-stopper.....	812,058	Feb. 6	1053	229	120	1703
Mahood, Joseph, <i>et al.</i> (See Bartlebaugh, Benjamin C., assignor.)						
Maiden, Arthur E. (See Bruckman and Maiden.)						
Maier, David. (See Schuster and Maier.)						
Maier, Ernst, Cannstatt, Germany. Turbine.....	809,711	Jan. 9	2229	462	120	522
Maier, Franz J., Roysersford, Pa. Spring-matress.....	835,246	Nov. 6	749	157	125	189
Maier, Karl, assignor to Union Special Maschinenfabrik Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Whip-stitch sewing-machine.....	832,740	Oct. 9	1449	292-3	124	1601
Maier, Karl, assignor to Union Special Maschinenfabrik, Stuttgart, Germany. Over-edge-machine.....	833,074	Oct. 9	2116	445	124	1764
Maier, Karl, assignor to Union Special Maschinenfabrik, Stuttgart, Germany. Over-edge-machine.....	833,075	Oct. 9	2117	446	124	1764
Maier, Lewis, Grand Ledge, Mich. Wrench.....	824,558	June 26	4625	983	122	2896
Maiers, George F., Goleta, Cal. Disk harrow.....	833,841	Oct. 23	3725	792-3	124	2252
Maillard, Henri L., Paris, France. Rotary explosive-engine.....	824,559	June 26	4626	983-4	122	2896
Main, George A., Alfred, N. Y. Printing-machine.....	816,110	Mar. 27	4323	916	121	1099
Maine, Hiram, Indianapolis, Ind. Holder for ribbons, &c.....	811,418	Jan. 30	5683	1190	120	1392
Maine, Hiram, Indianapolis, Ind. Snow-removing apparatus.....	813,050	Feb. 20	3050	671	120	2240
Maine Sprinkler Company. (See Murray, Walter D., assignor.)						
Maingot, Joseph N., Trinidad, British West Indies. Desk utensil.....	823,798	June 19	3151	666-7	122	2522
Maisner, Charles P., Pittsburg, Pa. Pipe-hanger.....	833,613	Oct. 16	3248	691	124	2090
Maitre, Achille, Delemont, Switzerland. Sound-reproducing disk for gramophones.....	825,065	July 3	753	153	123	202

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Maize, Adam P., Millheim, Pa. Snap-hook.....	828,823	Aug. 14	2253	479	123	2261
Major, Joseph, Sandwich, Ontario, Canada. Door-lock.....	839,017	Dec. 18	3396	733	125	2279
Major, Stephen T. (See Richardson, George W., assignor.)						
Majors, John, assignor of one-half to D. Schroeder, Hamilton, Ohio. Cask-repairing device.....	817,980	Apr. 17	2854	618	121	2097
Majors, George S., Schell City, Mo. Wire-working tool.....	811,567	Feb. 6	64	13	120	1499
Makee, Albert H., Portal, assignor to J. La Flame, Crosby, N. D. Cross-line buckle.....	832,918	Oct. 9	1819	375	124	1690
Maker, Rufus. (See Kilborn and Maker.)						
Makowski, Charles A., Newark, N. J. Stall.....	830,842	Sept. 11	1923	403	124	516
Makowski, John F., assignor to C. J. Greenwalt, San Francisco, Cal. Metal building construction.....	837,090	Nov. 27	4407	934	125	1221
Malcolm, William K., Butte, Mont. Dresser.....	818,458	Apr. 24	3802	817-18	121	2354
Malcomson, A. Bell. (See White, John H., assignor.)						
Malden-Ercale, Charles. (See Ravel, Joseph and E., assignors.)						
Maley, Henry A., Boston, Mass. Plate-holder for printing-presses.....	810,067	Jan. 16	2948	614	120	732
Malezieux, Jean B. D. M., Paris, France. Carbureter for explosive-engines.....	823,608	June 19	2783	539-90	122	2440
Malia, Mathew, Scranton, Pa. Switch-tongue guard.....	829,878	Aug. 28	4496	948	123	2897
Malina, Franz, Vienna, Austria-Hungary. Celestial globe.....	830,091	Sept. 4	366	74	124	89
Maline Novelty Manufacturing Co. (See Herman, Raymond L., assignor.)						
Malinofsky, John, Cleveland, Ohio. Awning.....	813,103	Feb. 20	3162	691	120	2266
Mallebre, Henry. (See Knabe and Mallebre.)						
Mallett, Francis W., assignor to Spirella Company, Meadville, Pa. Machine for forming metallic stays for garments.....	820,510	May 15	3025	651-2	122	795
Mallett, Francis W., assignor to Spirella Company, Meadville, Pa. Hose-supporting clasp.....	829,662	Aug. 28	4032	854	123	2785
Mallett, John P., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Dynamo-electric machine.....	815,847	Mar. 20	3792	801	121	931
Malliet, Charles G., et al. (See Gibson, Charles D. P., assignor.)						
Malliet, Walter, et al. (See Gibson, Charles D. P., assignor.)						
Mallman, Wilhelm. (See Déchaux, Auguste, assignor.)						
Mallon, James, New Orleans, La. Cane-sling.....	829,879	Aug. 28	4496	949	123	2897
Mallon, Owen, Lafayette, Colo. Insect-trap.....	839,167	Dec. 25	3742	808	125	2412
Mallory, Harry H., Chicago, Ill. Drawer attachment for chairs.....	834,988	Nov. 4	218	47	125	58
Mallory, James L., Evanston, assignor to Chicago Grain Door Company, Chicago, Ill. Car-door bracket.....	819,151	May 1	223	47	122	56
Mallory, Lewis E. (See Graham, Andrew W., assignor.)						
Mallory, Lorenzo D., Longbeach, Cal. Propeller for marine vessels.....	817,981	Apr. 17	2856	619	121	2098
Malmberg, Arvid J., Jamestown, N. Y. Metallic construction.....	836,885	Nov. 27	3964	847	125	1116
Malmberg, Ernst R., Chicago, Ill., assignor, by mesne assignments, to Time Marking Machine Company. Automatic marking and canceling machine.....	822,898	June 5	1319	271-4	122	2014
Malmgren, John, assignor of one-half to H. Leal, Ceresco, Nebr. Nailing implement.....	834,214	Oct. 23	4648	986	124	2479
Malmgren, John, assignor to H. Wyquist and H. Leal, Ceresco, Nebr. Nailing implement.....	825,141	July 3	895	189	123	236
Malone, Ernest. (See Leech, Lucian B., assignor.)						
Malone, Joseph, Muscogee, Fla. Standard for lumber-cars, &c.....	820,585	May 15	3168	682	122	827
Malone, Nathan, West Union, Ohio. Corn-husking machine.....	835,707	Nov. 13	1631	347-8	125	454
Maloney, John L., assignor of one-fifth to T. Moran, Bellaire, Ohio. Machine for forming sheet-glass.....	839,168	Dec. 25	3744	808-9	125	2412
Maloney, Philip M., Philadelphia, Pa. Amusement device.....	812,577	Feb. 13	2142	469-70	120	2003
Maloney, William M., Chipmonk, N. Y. Pump-piston and packing therefor.....	823,344	June 12	2260	472	122	2270
Maloy, John, and A. White, Dunbar, Pa. Lubricator.....	812,578	Feb. 13	2145	470	120	2004
Malsch, Charles. (See Sommers, Frederick, assignor.)						
Maltby, Charles C., assignor, by mesne assignments, to Twinlock Company, Cincinnati, Ohio. Loose-leaf binder.....	837,698	Dec. 4	846	191-2	125	1565
Maltby, George B., assignor to Cleveland Car Specialty Company, Cleveland, Ohio. Roof-carline.....	824,939	July 3	527	104	123	140
Maltby, George B., assignor to Cleveland Car Specialty Company, Cleveland, Ohio. Roof-carline.....	824,940	July 3	528	104	123	141
Maltby, George B., assignor to Cleveland Car Specialty Company, Cleveland, Ohio. Roof-carline.....	824,941	July 3	529	105	123	141
Maltby, George B., assignor to Cleveland Car Specialty Company, Cleveland, Ohio. Roof-carline.....	827,317	July 31	5369	1117	123	1419
Maltby, Julius, assignor to Waterbury Buckle Company, Waterbury Conn. Fastening device for men's garters.....	814,464	Mar. 6	939	192	121	205
Malterner, Silas N., Canton, N. Y. Shaper.....	837,861	Dec. 4	1158	256	125	1642
Manahan, Thomas, New York, N. Y. Bag.....	813,440	Feb. 27	3851	843	120	2469
Manahan, Thomas, New York, N. Y. Bag.....	814,150	Mar. 6	292	58	121	64
Mandelick, Charles E., New York, N. Y., assignor to Sprague Electric Company. System of motor control.....	831,451	Sept. 18	3101	657	124	834
Mandeville, Charles E., Kansas City, Mo., and E. Collins, deceased; M. A. Collins, Little Rock, Ark., administratrix. Car-ventilator.....	832,329	Oct. 2	631	121	124	1365
Mandeville, Louise B., Chicago, Ill. Cream-dipper.....	828,040	Aug. 7	701	145	123	1844
Mandonnet, Edward, San Francisco, Cal. Device to prevent refilling of bottles.....	814,307	Mar. 6	611	126	121	132
Manese, Jefferson D., Manese, Okla. Ter. Rail-joint.....	827,741	Aug. 7	93	19	123	1693
Maney, William T., New York, N. Y. Lamp.....	814,225	Mar. 6	435	89-90	121	94
Manfred, Philip, Chicago, Ill. Heater.....	829,984	Sept. 4	143	23	124	35
Mangan, Joseph F., St. Paul, Minn. Churn.....	813,563	Feb. 27	4100	899	120	2527
Mangan, Robert L., Springfield, Mo. Adjustable arm for reversible car-seat backs.....	829,078	Aug. 21	2782	585	123	2427
Mangels, Albert, Brooklyn, N. Y. Oil-can.....	833,405	Oct. 16	2812	596	124	1988
Mangels, William F., New York, N. Y. Amusement device.....	820,805	May 15	3598	770	122	921
Mangelsdorf, Gustav A., Houston, Tex. Umbrella.....	835,306	Nov. 6	859	182-3	125	217
Manger, George H., assignor of one-fourth to J. Weber, Jr., Des Moines, Iowa. Loose-leaf book.....	811,730	Feb. 6	362	80	120	1566
Mangin, Joseph, Sigourney, Iowa. Pellet-coating machine.....	815,608	Mar. 20	3257	683	121	817
Mangold, Hermann, Carnot, Pa. Trolley-harp.....	825,142	July 3	897	189	123	237
Mangum, Dewitt C. (See Tatum, James W., assignor.)						
Manhattan Electrical Supply Company. (See Avery, Charles E., assignor.)						
Manix, Mathew J., Kansas City, Mo. Disinfecting compound.....	811,074	Jan. 30	5000	-----	120	1246
Manker, Carey A., Pearl, Ill. Marine vessel.....	815,187	Mar. 13	2393	498	121	579
Mankin, Arthur J. (See Sheppard and Mankin.)						
Manley, James. (See Farlow, James, assignor.)						
Manlove, Joseph L., Milton, Ind. Automatic gate.....	831,963	Sept. 25	4171	870	124	1147
Manly, William J., Erie, Pa. Feeding device for poultry.....	828,227	Aug. 7	1054	221	123	1927
Mann, Adelaide E. (See Mann, Edgar E., assignor.)						
Mann, Albert, Bridgeport, Conn., assignor to Kip-Armstrong Company, New York, N. Y. Warp stop-motion for looms.....	829,479	Aug. 28	3658	773	123	2693
Mann, Alexander, Berkshire, Mich. Stack-cover.....	822,143	May 29	6298	1342	122	1637

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. E.	Vol.	Page.
Mann, Charles A., Albany, N. Y. Railway-switch.	811,160	Jan. 30	5190	1084	120	1286
Mann, Edgar E., assignor to A. E. Mann, Waterbury, Conn. Tent.	809,516	Jan. 9	1837	379-80	120	438
Mann, Frank, <i>et al.</i> (See Ansley, George W., assignor.)						
Mann, Franklin W., Millford, Mass. Telescope-mount for rifles.	830,729	Sept. 11	1722	355	124	464
Mann, George W., San Louis Obispo, Cal. Beehive.	818,270	Apr. 17	3438	739	121	2222
Mann, George W., Leslie, Mich. Fence-post.	837,236	Nov. 27	4679	993	125	1287
Mann, Henry A., Albany, N. Y. Machine for dampening collars at the lines of their folding.	820,426	May 15	2845	620	122	754
Mann, Horace, Muskegon, Mich. Metallic packing.	824,799	July 3	230	41-2	123	65
Mann, Howard E., Cleveland, Ohio. Plant for drawing, quenching, and conveying coke.	819,899	May 8	1721	370	122	449
Mann, John M., <i>et al.</i> (See McDonagh, Thomas J., assignor.)						
Mann, Karl, Zurich, Switzerland. Emulsion and producing it.	834,830	Oct. 30	5892		124	2838
Mann, Louis F., <i>et al.</i> (See Baker, Arthur G., assignor.)						
Mann, Orin B., Meeteetse, Wyo. Hay rake and stacker.	816,346	Mar. 27	4810	1019-20	121	1203
Mann, Orville C., Chicago, Ill. Smoke-jack for roundhouses.	826,864	July 24	4427	922	123	1170
Mann, Peter J., Pittsburg, Pa. Station-indicator.	838,126	Dec. 11	1697	365-7	125	1821
Mann, William B., Baltimore, Md., assignor to American Air-Brake Company. High-speed brake.	831,795	Sept. 25	3814	799	124	1059
Mann, William B., Baltimore, Md., assignor to American Air-Brake Company. Quick-recharging triple valve.	836,886	Nov. 27	3967	847	125	1117
Mann, William D., Chicago, Ill. Interior building construction.	810,291	Jan. 16	3403	704	120	826
Mannaberg, Maximilian, assignor to Frodingham Iron and Steel Company, Limited, Frodingham, England. Blast-furnace.	830,513	Sept. 11	1249	258-9	124	336
Mannheim, Charles, New York, N. Y. Meat-roasting device.	833,970	Oct. 23	4108	874	124	2342
Manning, Bowman and Company. (See Savage, George E., assignor.)						
Manning, Bowman and Company. (See Savage and Chapman, assignors.)						
Manning, Helena. (See Manning, James A., assignor.)						
Manning, Hugh L., Philadelphia, Pa., assignor of one-half to V. I. Richards, Newark, N. J. Veneered column.	834,391	Oct. 30	5026	1064	124	2618
Manning, James A., Toronto, Ontario, assignor to H. Manning, Owen Sound, Canada. Excelsior-making machine.	832,687	Oct. 9	1351	273	124	1577
Manning, John W., Louisville, Ky. Artery and vein expander.	829,409	Aug. 28	3479	731	123	2647
Manning, Richard H., <i>et al.</i> (See Brown, James O., Sr., assignor.)						
Manning, Samuel, Albany, N. Y. Apparatus for mixing fluids.	839,494	Dec. 25	4403	940	125	2572
Manns, Albert G., assignor to Food & Fiber Products Company, Chicago, Ill. Preparing fiber from cornstalks and analogous pithy plants.	811,419	Jan. 30	5684		120	1392
Manns, Albert G., assignor to Food & Fiber Products Company, Chicago, Ill. Food extract from cornstalks.	820,806	May 15	3600		122	922
Manns, Albert G., assignor to Food & Fiber Products Company, Chicago, Ill. Animal food.	839,305	Dec. 25	4015		125	2477
Manns, Albert G., and F. C. Koch, assignors to Armour & Company, Chicago, Ill. Extracting suprarenalin.	829,220	Aug. 21	3098		123	2508
Manns, Fredrick. (See Warden, Manns, and Decker.)						
Manny, Eugene S., Montreal, Quebec, Canada. Steam-heating system.	836,391	Nov. 20	2963	628	125	830
Manny, Walter B., New York, N. Y., assignor to Pike Adding Machine Company, Orange, N. J. Stopping and starting device for motor-driven apparatus.	809,966	Jan. 16	2719	560	120	682
Manrara, Edward, and W. D. Custead, New York, N. Y. Variable-speed mechanism.	824,942	July 3	530	105	123	142
Manross, Arthur N., assignor to Corbin Motor Vehicle Corporation, New Britain, Conn. Transmission mechanism.	838,259	Dec. 11	1994	427	125	1893
Mans, Albert, Dieghem, Belgium. Antivibration device for carriage-springs.	815,188	Mar. 13	2394	499	121	579
Mansell, Arthur D., Newport, Me., assignor to Leavitt Automatic Stop Motion Company. Stop-motion for fulling-machines.	811,075	Jan. 30	5000	1044	120	1246
Mansfield, Albert K., Batavia, Ill. Tank and supporting structure therefor.	839,169	Dec. 25	3745	809	125	2412
Mansfield, Albert K., Salem, Ohio, and S. M. Felton, Chicago, Ill. Mechanical stoker.	809,202	Jan. 2	1141	237	120	251
Mansfield, George L., Chicago, Ill. Dust-guard for journal-boxes.	824,127	June 26	3747	800	122	2709
Mansfield, Richard W., New London, Conn. Educational game apparatus.	830,514	Sept. 11	1250	259	124	337
Mansfield, Thomas L., Washington, Pa. Speed-regulating device.	812,579	Feb. 13	2146	470	120	2004
Mansmith, Chauncey I. (See Driver and Mansmith.)						
Manson, James W. (See Burbank and Manson.)						
Manson, Joseph P., Hartland, Me. Fender.	829,079	Aug. 21	2783	586	123	2428
Manson, M. C., Jr. (See Craighill and Kerr, assignors.)						
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Telephone system.	818,897	Apr. 24	4694	1007	121	2546
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Relay.	822,968	June 12	1464	305	122	2094
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Telephone-receiver.	828,946	Aug. 21	2511	533	123	2358
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Telephone desk-stand.	829,410	Aug. 28	3480	732	123	2647
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Telephone wall set.	829,535	Aug. 28	3783	803	123	2722
Manson, Roy C., Chicago, Ill. Springwork.	838,260	Dec. 11	1995	428	125	1893
Mantley, Robert, Bridgeport, Conn. Watch.	811,234	Jan. 30	5338	1115	120	1319
Mantle, Charles H. (See Biles, John W., committee, assignor.) (Reissue.)	819,568	May 1	1042	228-9	122	234
Mantle, Joseph G. C. (See Tyberg and Mantle.)						
Manton, Frank S., assignor to American Ship Windlass Company, Providence, R. I. Anchor.	828,757	Aug. 14	2130	451	123	2230
Mantz, Catherine, Peoria, Ill. Lace-making holder.	814,151	Mar. 6	293	59	121	65
Manuel, Ralph W., Minneapolis, Minn. Device for teaching penmanship.	809,712	Jan. 9	2230	462	120	523
Manufacturers' Engineering Company. (See Black, Samuel D., assignor.)						
Marville Company. (See Robinson, William A., assignor.)						
Manwaring, Albert H. (See Bundy and Manwaring.)						
Manwaring, George A., Bayonne, N. J., assignor to American Graphophone Company, Washington, D. C. Graphophone-reproducer.	811,568	Feb. 6	66	13	120	1499
Manwaring, George A., Bayonne, N. J., assignor to American Graphophone Company, Bridgeport, Conn. Sound-record.	819,072	May 1	74	18	122	20
Manypenny, John, New Brighton, Pa. Brick-kiln.	815,189	Mar. 13	2395	499	121	580
Manzel Brothers. (See Manzel, Charles W., assignor.)						
Manzel Brothers Co. (See Manzel, Charles W., assignor.)						
Manzel, Charles W., Buffalo, N. Y. Lubricating apparatus.	827,381	July 31	5493	1142	123	1449
Manzel, Charles W., Buffalo, N. Y. Lubricator.	829,166	Aug. 21	3001	626	123	2483
Manzel, Charles W., Buffalo, N. Y. Lubricating device.	832,265	Oct. 2	506	95-6	124	1336
Manzel, Charles W., Buffalo, N. Y., assignor, by mesne assignments, to Manzel Brothers Co. Rotary valve.	811,235	Jan. 30	5339	1115	120	1319
Manzel, Charles W., Buffalo, N. Y., assignor, by mesne assignments, to Manzel Brothers Co. Lubricating system for locomotives.	823,609	June 19	2785	590	122	2440

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Manzel, Charles W., Buffalo, N. Y., assignor, by mesne assignments, to Manzel Brothers Co. Oil-pump.	828,326	Aug. 14	1289	273	123	2014
Manzel, Charles W., assignor to Manzel Brothers, Buffalo, N. Y. Force-feed lubricator.	815,301	Mar. 13	2606	547-8	121	628
Manzel, Charles W., assignor to Manzel Brothers, Buffalo, N. Y. Force-feed lubricator.	820,979	May 22	4014	852-3	122	1073
Manzel, John E. (See Huber and Manzel.)						
Mapel, Albert J., Shriver, W. Va. Curtain-pole.	825,742	July 10	2210	461	123	585
Maple Leaf Harvest Tool Company. (See Jansen and Eisbrenner, assignors.)						
Maple, Roy H., Minneapolis, Minn. Lamp-burner.	826,677	July 24	4075	845	123	1084
Maples, Cassius, Laurens, N. Y. Neck-yoke and tongue-support.	832,491	Oct. 2	949	188	124	1440
Mara, Michael J. (See Carroll and Mara.)						
Maranville, Harvey F., Akron, Ohio. Can-closure. (Reissue.)	12,551	Nov. 6	1213	262-3	125	305
Marbach, Frank G., Medina, Ohio. Micrometer-calipers.	820,807	May 15	3602	770	122	922
Marbach, Frank G., Medina, Ohio. Ratchet tap and nut wrench.	823,610	June 19	2788	591	122	2441
Marbach, Frank G., Medina, Ohio. Tool-box.	824,495	June 26	4496	953	122	2868
Marbach, Frank G., Medina, Ohio. Drawer-pull.	836,692	Nov. 27	3588	765	125	1016
Marble, Charles A., Ottumwa, Iowa. Machine for computing interest.	819,667	May 1	1233	269-71	122	277
Marble, Edwin H. (See Marble, Edwin T. and E. H.)						
Marble, Edwin T. and E. H., assignors to Curtis & Marble Machine Co., Worcester, Mass. Adjustable guiding mechanism for skewing bridge-threaded fabrics.	815,970	Mar. 27	4024	851-2	121	1032
Marble, George W., Chicago, Ill. Power-transmission device.	808,769	Jan. 2	293	63-4	120	66
Marble, George W., Chicago, Ill. Variable-speed mechanism.	818,898	Apr. 24	4698	1008	121	2547
Marble, Webster L., Gladstone, assignor of one-half to F. H. Van Cleve, Escanaba, Mich. Ax-edge protector.	834,628	Oct. 30	5481	1163	124	2734
March, George E., Muskegon Heights, assignor of one-half to L. G. Swenningston, Muskegon, Mich. Air-brake.	822,747	June 5	1035	212	122	1955
Marchand, Alexis, Buckingham, assignor of one-half to J. B. Valentine, Bridgeport, Wash. Selector or lock-out for party-lines.	831,364	Sept. 18	2941	624-5	124	794
Marchand, John G., Buffalo, N. Y. Shoe.	813,053	Feb. 20	3070	672	120	2246
Marchant, James H., Schenectady, N. Y. Automatic fire-alarm.	837,941	Dec. 11	1307	287	125	1721
Marchant, John, Redding, Cal. Check-valve.	828,834	Aug. 14	2254	479	123	2262
Marchant, William C., Chicago, Ill. Switchboard.	823,183	June 12	1930	397	122	2198
Marchessault, Charles E., Minneapolis, Minn. Folding-seat back.	815,190	Mar. 13	2396	499	121	580
Marckwordt, Karl H. J., Guatemala, Guatemala. Calculator.	820,226	May 8	2438	528	122	606
Marco, Stephen, Tercio, Colo. Brake.	833,076	Oct. 9	2118	446	124	1765
Marconnet, Georges, Paris, France. Apparatus for producing gas.	813,726	Feb. 27	4397	970	120	2590
Marcotte, Thomas, Magog, Canada. Steam-trap.	810,423	Jan. 23	3724	767	120	931
Marcoux, Alida M., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	834,585	Oct. 30	5380	1141	124	2707
Marcoux, Alida M., assignor to Draper Company, Hopedale, Mass. Thread-tensioning device for replenishing-loom.	837,862	Dec. 4	1159	256	125	1642
Marcucci, Umberto G., East Oakland, Cal. Rail-joint.	812,059	Feb. 6	1054	229	120	1703
Marcum, Thomas W., Cairo, Ind. Ter. Plow.	823,799	June 19	3152	667	122	2522
Marcus, Alfred F. (See Shand and Marcus.)						
Marcus Mason & Company. (See Gordon, Douglas, assignor.)						
Marcuse, Isaac J., Richmond, Va., assignor to American Can Company, New York, N. Y. Sheet-metal can.	810,211	Jan. 16	3234	669	120	789
Marcuse, Isaac J., Richmond, Va., assignor to American Can Company, New York, N. Y. Sheet-metal can.	811,649	Feb. 6	225	48	120	1534
Marcuse, Isaac J., assignor to R. A. Patterson Tobacco Co., Richmond, Va. Sheet-metal pocket-box.	812,175	Feb. 6	1309	286	120	1756
Marcy, Frank E., Chicago, Ill. Roasting-furnace.	827,547	July 31	5926	1228	123	1554
Marcy, Grosvenor D., Buffalo, N. Y. Tripod.	829,411	Aug. 28	3483	732	123	2648
Marden, Aldis H., Watertown, Mass. Railway-brake.	829,221	Aug. 21	3101	652	123	2508
Mare, Frederic de, Brussels, Belgium. Ozone-ventilator.	820,656	May 15	3285	705-6	122	850
Marean, William M., Belvidere, Ill. Telephone-exchange.	814,386	Mar. 6	780	158	121	172
Marentette, William R., Detroit, Mich. Vehicle-heater.	814,790	Mar. 13	1599	336	121	409
Maret, Adela R., Lavonia, Ga. Cotton-chopper.	823,132	June 12	1824	376	122	2173
Margert, Frank, Allegheny, Pa. Antirefillable bottle.	835,862	Nov. 13	1926	407	125	526
Margetts, Frederick W., East Dulwich, England. Attachment for meat cutting or slicing machines.	824,496	June 26	4497	953	122	2868
Marggraff, Frederick, assignor to F. A. Neider Company, Augusta, Ky. Carriage curtain-knob.	829,412	Aug. 28	3485	733	123	2648
Margreth, Joseph, Bergedorf, near Hamburg, Germany. Acetylene-gas generator.	834,831	Oct. 30	5893	1248	124	2838
Marhoff, Walter E., Kalamazoo, Mich. Fish-line reel.	833,842	Oct. 23	3729	793	124	2252
Marichal, Arthur J. A. G., "Springfield" Bowdon, England. Turbine.	828,618	Aug. 14	1858	391-3	123	2161
Marine Iron Works. (See Bates, Douglass, and Nourse, assignors.)						
Marine Torch Company of Baltimore City. (See Graham, John D., assignor.)						
Marine Torch Company of Baltimore City. (See Rose, William H., assignor.)						
Mariner, Joseph L., Gold Hill, Oreg. Hydraulic motor.	827,165	July 31	5083	1057	123	1350
Marinier, Edouard E. (See Mollier and Marinier.)						
Marion Steam Shovel Company. (See King, George W., assignor.)						
Marion Steam Shovel Company. (See King, Barnhart, and King, assignors.)						
Maris, Jared, Sharonville, Ohio. Radiator.	822,748	June 5	1036	212	122	1956
Mark, Anthony, Wilmington, Del. Game apparatus.	820,344	Sept. 4	890	182	124	221
Mark, Cyrus G., Robeson, Pa. Smoke-consuming furnace.	824,497	June 26	4498	953-4	122	2868
Markel, E. M. (See Gilleland, Wilson S., assignor.)						
Markel, Ed M., Sr., et al. (See Gilleland, Wilson S., assignor.)						
Markel, Karl E., Warrington, England. Apparatus for producing bars of soap.	838,127	Dec. 11	1706	367-8	125	1824
Markey, Bernard, Hays, Kans. Wire-stretcher.	810,659	Jan. 23	4191	866	120	1037
Markey, John J., Anderson, Ind. Annealing-box.	812,943	Feb. 20	2846	628	120	2197
Markgraf, Franz, New York, N. Y. Variable-speed and reversing gear.	827,742	Aug. 7	94	20-1	123	1693
Markham Air Rifle Company. (See Markham, William F., assignor.)						
Markham Air Rifle Company. (See Polley, David F., assignor.)						
Markham, Charles F., Providence, R. I. Pin.	814,465	Mar. 6	940	193	121	205
Markham, William F., assignor to Markham Air Rifle Company, Plymouth, Mich. Folding truck.	814,858	Mar. 13	1716	359	121	433
Markkula, Matt, and A. Rantala, Fort Bragg, Cal. Free-running wheel.	810,896	Jan. 23	4651	969	120	1135
Markland, Ulysses S., Bloomington, Ill. Machine for capping milk-bottles.	837,237	Nov. 27	4680	993	125	1288
Markland, Wyllis H., Altoona, Pa. Tong.	819,359	May 1	664	140	122	152
Markley, William D., and J. E. Sheibley, Harrisburg, Pa. Straw-stacker.	835,193	Nov. 6	640	132	125	163
Markmann, Charles, New York, N. Y. Gas-stove.	826,260	July 17	3187	660	123	839
Markoe, John A., White Bear, Minn. Envelop-sealing machine.	820,427	May 15	2847	620-1	122	754
Markoff, Samuel A., New York, N. Y. Photographic mailing-card.	816,870	Apr. 3	643	133	121	1501
Marks, Arthur H., Akron, Ohio. Manufacturing pneumatic tires.	836,772	Nov. 27	3747	799	125	1058
Marks, Arthur H., assignor to Diamond Rubber Company, Akron, Ohio. Rubber tire.	834,015	Oct. 23	4227	897	124	2372

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Marks, Bennett D., Chicago, Ill. Design-roller.....	819,297	May 1	528	111-12	122	122
Marks, Francis R. (See Bott, George M., assignor.)						
Marks, John S. F., Ballard, Wash., assignor to National Wood Pipe Company, San Francisco, Cal. Pipe-coupling.....	826,678	July 24	4076	845	123	1084
Marks, John S. F., Olympia, Wash., assignor to National Wood Pipe Company, San Francisco, Cal. Pipe-heading machine.....	826,679	July 24	4077	845-6	123	1084
Marks, Joseph C., Birmingham, Ala. Slide.....	815,848	Mar. 20	3793	801	121	932
Marks, Leonard J., San Francisco, Cal. Mixing and combining device for gas-engines.....	819,239	May 1	413	87	122	97
Marks, Louis B. (See Bodde, Theodore, assignor.)						
Marks, Morris. (See South, Richard, assignor.)						
Markus, Harris, Manchester, England. Machine for coating fabrics with finely-commi-nuted materials.....	813,564	Feb. 27	4101	899	120	2527
Marlatt, George E., Allegheny, Pa. Line-counting attachment for key-controlled ma-chines.....	822,144	May 29	6299	1342	122	1637
Marley, James W., East Bend, N. C. Hub-attaching device.....	823,425	June 12	2399	505	122	2298
Marley, H. P. (See Richards, Richard, assignor.)						
Marley, Homer E., Alexandria, Ind. Fire-kindler.....	832,266	Oct. 2	509	96	124	1336
Marlier, Eugene. (See Itanson, Georges, assignor.)						
Marlin Firearms Company. (See Allen and Johnson, assignors.)						
Marlin, Frances M. (See Hause and Marlin.)						
Marlowe, Clinton D., and H. T. Irving, Johnstown, Pa. Steam-boiler.....	827,027	July 21	4732	987	123	1245
Marmon, Howard C., assignor to Nordyke & Marmon Company, Indianapolis, Ind. Oil system.....	810,959	Jan. 30	4803	998	120	1203
Marneffe, Henri de, Liege, Belgium. Apparatus for tanning leather.....	816,670	Apr. 3	255	59	121	1416
Marohn, Charles F., Milwaukee, Wis. Wheel.....	813,565	Feb. 27	4102	899	120	2527
Marquardt, John A., Asheville, N. C. Adjustable fly-screen.....	813,727	Feb. 27	4400	970	120	2591
Marquis, Henry O., Superior, Pa. Switch-throwing mechanism.....	812,581	Feb. 13	2151	471	120	2005
Marr, Robert A., et al. (See Birmingham, John P., assignor.)						
Marr, William G., Springfield, Mass. Sectional rim.....	828,893	Aug. 21	2412	513	123	2331
Marriage, George R., assignor of one-half to C. A. Thompson, Mullinville, Kans. Gang-plow.....	814,552	Mar. 6	1107	230	121	240
Marriott, Hugh F., Parktown, Transvaal. Means for surveying bore-holes.....	821,048	May 22	4150	882-3	122	1102
Marriott, Hugh F., Parktown, Transvaal. Means for surveying bore-holes.....	830,730	Sept. 11	1724	356-7	124	465
Marriott, Hugh F., Parktown, Transvaal. Means for surveying bore-holes.....	837,415	Dec. 4	274	67	125	1424
Marriott, James C., New Dorp, N. Y. Curb-conduit.....	814,308	Mar. 6	612	126-7	121	132
Marris, George O., Walker, Ariz. Ter. Combined screen sizing and jigging apparatus for ores.....	826,178	July 17	3025	627	123	801
Mars, Thomas H., Chicago, Ill. Automatically-tripping trolley-pole.....	817,858	Apr. 17	2603	562	121	2039
Marschner, Emil, Grosspriesen, Austria-Hungary, assignor to Schelling & Staubli, Hor-gen, Switzerland. Device for holding thrums or knotting-threads in looms.....	836,518	Nov. 20	3208	681	125	891
Marsden, Albert N., Trenton, Mo. Ironing-board.....	833,536	Oct. 16	3080	653	124	2050
Marsden, Arthur, Middlesbrough, England. Coin-fed automatic delivery-machine.....	833,888	Oct. 23	3829	813	124	2277
Marsden, Mark W., Philadelphia, Pa. Building material.....	828,041	Aug. 7	702	123	1844	
Marsden, William N., Amsterdam, N. Y. Glove-tipping machine.....	828,947	Aug. 21	2514	533	123	2359
Marsh, Albert, London, England. Registering or indicating device for turnstiles.....	809,828	Jan. 9	2431	505	120	568
Marsh, Albert, London, England. Check perforating and indicating apparatus.....	814,553	Mar. 6	1108	231	121	240
Marsh, Albert L., Lake Bluff, assignor to Hoskins Company, Chicago, Ill. Electric re-sistance element.....	811,859	Feb. 6	613	134	120	1614
Marsh, Alexander. (See Henry and Marsh.)						
Marsh, B. F. (See Jenkins, Richard I., assignor.)						
Marsh, Benjamin F., et al. (See Smith, John C., assignor.)						
Marsh, Charles W., Berlin, Wis. Automatic gate.....	828,619	Aug. 14	1866	393	123	2164
Marsh, Clarence T., assignor of one-half to L. H. Weissleder, Cincinnati, Ohio. Ascer-taining the origin of coloring-matters present in distilled liquors.....	813,728	Feb. 27	4401	120	2591	
Marsh, Edwin T., Rochester, N. Y. Mail-box.....	812,662	Feb. 13	2293	499	120	2031
Marsh, Elon A., assignor to Greenaway Company, Detroit, Mich. Steam-trap.....	811,420	Jan. 30	5687	1190	120	1392
Marsh, Elon A., assignor to F. G. O'Hara, Detroit, Mich. Supply-valve.....	822,749	June 5	1038	213	122	1956
Marsh, Frank, et al. (See Dale, John H., assignor.)						
Marsh, George A. (See Dixon and Marsh.)						
Marsh, George A., Dixfield, assignor of one-half to G. Burnham, Jr., Cumberland, Me. Floater.....	829,721	Aug. 28	4166	882	123	2814
Marsh, Harry, Hamilton, Canada. Machine for cutting cotton-wicking into lengths and bundling the same.....	813,441	Feb. 27	3851	844	120	2469
Marsh, Henry. (See Neild and Marsh.)						
Marsh, Horace S., Reading, England. Boiler-setting and blocks therefor.....	808,853	Jan. 2	445	98	120	99
Marsh, Howard E., Palms, assignor of one-half to W. P. Waggy, Los Angeles, Cal. Bri-queting-press.....	811,860	Feb. 6	614	134	120	1614
Marsh, Howard E., assignor of one-half to W. P. Waggy, Los Angeles, Cal. Briquet-ma-chine.....	813,657	Feb. 27	4271	939-40	120	2563
Marsh, Howard E., Los Angeles, Cal., assignor, by mesne assignments, to C. M. Wood, trustee. Concentrating-smelter.....	826,729	July 24	4172	867	123	1106
Marsh, Howard E., assignor of three-fourths to W. P. Waggy and F. D. Parker, Los An-geles, Cal. Briqueting-machine.....	832,553	Oct. 2	1062	213	124	1469
Marsh, Howard E., assignor of two-thirds to W. P. Waggy and G. W. Ladley, Indianapo-lis, Ind. Self-governing rotary engine.....	837,699	Dec. 4	851	192-3	125	1566
Marsh, Hugh M., Chicago, Ill. Lifting-jack.....	811,731	Feb. 6	364	80	120	1567
Marsh, Hugh M., Chicago, Ill. Lifting-jack.....	812,580	Feb. 13	2150	471	120	2004
Marsh, Hugh M., Chicago, Ill. Air-brake.....	837,416	Dec. 4	275	67	125	1424
Marsh, Joseph W. (See Fisher, Henry W., assignor.)						
Marsh, Wilbur W. (See Morgan, Thomas W., assignor.)						
Marsh, Willis L., St. Louis, Mo. Cementing-machine.....	829,536	Aug. 28	3785	804	123	2723
Marsh, Willis L., St. Louis, Mo. Paste-applying apparatus.....	833,747	Oct. 23	3498	746	124	2195
Marshall, Albert T. (See Chamberlain and Marshall.)						
Marshall, Alfred, Leicester, England. Press.....	821,517	May 22	5082	1082-3	122	1308
Marshall, Cecil T., Wetaskiwin, North-West Territories, Canada. Pocket-book protector.....	836,693	Nov. 27	3589	765	125	1016
Marshall, Charles H., Brockwayville, Pa. Bread-raiser.....	817,499	Apr. 10	1901	400	121	1833
Marshall, David H., Kansas City, Mo., assignor of one-half to L. E. Marshall, Hartford City, Ind. Automatic car-annunciator.....	829,080	Aug. 21	2785	586	123	2428
Marshall, Ellsworth D., Sidney, Ohio. Magazine heating-stove.....	816,024	Mar. 27	4144	877	121	1060
Marshall, Ernest W., Yonkers, N. Y., assignor to Otis Elevator Company, East Orange, N. J. Hoist.....	817,790	Apr. 17	2469	528	121	2010
Marshall, George, Fremont, Nebr. Steam-boiler.....	809,517	Jan. 9	1840	380	120	438
Marshall, George, Fremont, Nebr. Marine boiler.....	809,518	Jan. 9	1842	381	120	439
Marshall, George, Fremont, Nebr. Steam-boiler.....	811,236	Jan. 30	5341	1115-16	120	1320
Marshall, George, Fremont, Nebr. Marine boiler.....	829,722	Aug. 28	4169	883	123	2815
Marshall, George, and J. Cox, Tarkio, Mo. Draft-equalizer.....	815,361	Mar. 20	2794	581	121	713

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Marshall, George H., and C. L. Dunn, St. Johns, Mich. Rail-joint.....	816,671	Apr. 3	257	60	121	1417
Marshall, George H., and C. L. Dunn, St. Johns, Mich. Rail-joint.....	827,743	Aug. 7	102	21	123	1695
Marshall, George W. (See Grimm, Stephen D., assignor.)						
Marshall, James. (See Sheldon, Irving L., assignor.)						
Marshall, James G. (See Price, Cox, and Marshall.)						
Marshall, John B. (See Cogger and Marshall.)						
Marshall, Joseph, Salmon, Idaho. Artificial horizon	837,315	Dec. 4	75	20	125	1373
Marshall, Lawrence E. (See Marshall, David H., assignor.)						
Marshall, Levi W., Wakefield, Mass. Notch-cutting machine.....	831,883	Sept. 25	4023	838	124	1111
Marshall, Norman, Newton, Mass. Incandescent-lamp socket.....	811,161	Jan. 30	5191	1084	120	1286
Marshall, Norman, Newton, Mass. Machine for shaping tubular articles.....	815,362	Mar. 20	2796	581-2	121	714
Marshall, Norman, Newton, Mass. Manufacture of rivets.....	820,586	May 15	3169	682	122	827
Marshall, Norman, Newton, Mass. Assembling apparatus.....	821,946	May 29	5933	1263-5	122	1553
Marshall, Norman, Newton, Mass. Incandescent-lamp socket.....	822,007	May 29	6045	1288	122	1578
Marshall, Norman, Newton, Mass. Assembling apparatus.....	822,213	May 29	6440	1368	122	1670
Marshall, Norman, Newton, Mass. Jig for assembling apparatus.....	822,214	May 29	6442	1368	122	1670
Marshall, Norman, Newton, Mass. Assembling apparatus.....	826,179	July 17	3027	628	123	802
Marshall, Norman, Newton, Mass., assignor to General Electric Company. Adapter for lamp-sockets.....	825,228	July 3	1075	227	123	281
Marshall & Stearns Company. (See Eastman James B., assignor.)						
Marshall, William E. (See Wright and Marshall.)						
Marson, Frank W. (See Van Meter, James M., assignor.)						
Marston, Charles A., <i>et al.</i> (See Butler, Amos K., assignor.)						
Marston, Charles H., Reading, and A. P. Holden, Malden, assignors to National Shawmut Bank, Boston, Mass. Machine for cutting sheets.....	811,940	Feb. 6	814	178-9	120	1655
Martell, Gustav, Glauchan, Germany. Phosphorous compound and making same.....	820,587	May 15	3170		122	827
Martell, Louis H., Ellwood City, Pa. Packing for piston-rods.....	829,116	Aug. 21	2872	603	123	2451
Marten, Albert S., East Orange, N. J. Horn-support.....	815,448	Mar. 20	2969	618	121	755
Marten, Albert S., East Orange, N. J. Horn-support.....	820,511	May 15	3031	652	122	796
Marten, Albert S., East Orange, and C. J. Eichhorn, assignors to Tea Tray Company, Newark, N. J. Shade-holder.....	815,545	Mar. 20	3147	658-9	121	793
Martenson, John, <i>et al.</i> (See Johanson, Emil G., assignor.)						
Martersteck, William T., Sharon, Pa. Device for charging and drawing ingots and the like.....	831,964	Sept. 25	4173	870	124	1147
Martersteck, William T., Sharon, Pa. Charging or drawing machine for heating-furnaces.....	831,965	Sept. 25	4174	870-1	124	1147
Martin, Alonzo T., Niagara Falls, Canada. Monkey-wrench.....	815,449	Mar. 20	2970	618	121	755
Martin, Arthur H., Buffalo, N. Y., assignor of one-half to C. E. B. Lamson, Toledo, Ohio. Attachment for type-writing machines.....	819,778	May 8	1476	316	122	390
Martin, Azor S., Geneseo, Ill. Spring fish-hook.....	839,611	Dec. 25	4617	986	125	2628
Martin, Benjamin H., Bay City, Mich. Gate.....	809,967	Jan. 16	2720	560	120	682
Martin, Benjamin F., Dayton, Tenn. Railway-crossing.....	832,492	Oct. 2	951	188	124	1441
Martin, Bertram S., Darlington, Ind. Match-safe.....	827,248	July 31	5237	1087	123	1388
Martin, Charles E. R., Newark, N. J. Golf-club.....	819,900	May 8	1723	370	122	450
Martin, Columbus M., Forest City, N. C. Wire-chain line.....	815,849	Mar. 20	3794	801	121	932
Martin-Cooke, John A., Louisville, Ky. Automatically-adjustable drawing-pen.....	821,878	May 29	5796	1235	122	1522
Martin, Daniel B., Gettysburg, Ohio. Detachable stock for revolvers.....	815,609	Mar. 20	3259	684	121	818
Martin, David H., Kappa, Ind. Gambrel.....	828,620	Aug. 14	1867	393	123	2164
Martin, Earl L., Woodburn, Iowa. Molding-machine.....	835,967	Nov. 13	2106	452	125	568
Martin, Ethel V. (See Feldman, Harry E., assignor.)						
Martin, Francis, San Francisco, Cal., assignor to Buffer Spring Mattress Company. Mattress.....	815,610	Mar. 20	3259	684	121	818
Martin, Frank F., Beloit, Wis. Cement-block-molding machine.....	816,488	Mar. 27	5102	1081-2	121	1265
Martin, Frederick J., Putney, Vt. Draft attachment for hames.....	816,987	Apr. 3	889	184	121	1556
Martin, Freeman T., Winchester, Ky. Corn-snapper and feed-cutter.....	819,569	May 1	1045	229-30	122	235
Martin, George F., Pittsburg, assignor of one-half to W. B. Clark, Wilkinsburg, Pa. Wood-clip.....	817,432	Apr. 10	1763	370	121	1804
Martin, George L., Binghamton, N. Y., assignor to Bundy Manufacturing Company. Calculating-machine.....	831,085	Sept. 18	2407	505-9	124	665
Martin, George W., Akron, Ohio. Drafting-table.....	818,271	Apr. 17	3439	739-40	121	2222
Martin, George W., assignor of two-thirds to J. S. Agar and D. C. Roach, Chicago, Ill. Pendant or trolley-carrier meat-hook.....	812,861	Feb. 20	2681	591	120	2159
Martin, Harry G., Riverside, Cal. Water-heater.....	838,038	Dec. 11	1507	324	125	1773
Martin, Harry T., Milwaukee, Wis. Hand-vice.....	823,611	Jan. 29	2790	591	122	2442
Marten, Henry, Toledo, Ohio. Door-frame for cooling-rooms.....	820,637	May 15	3287	706	122	850
Martin, Henry P., deceased. (See Doeblor, Charles F., assignor.)						
Martin, Herman W., Ilion, N. Y. Automatic fire-extinguisher.....	824,128	June 26	3750	801	122	2710
Martin, Horace E., Athens, Ga. Wagon-body.....	811,569	Feb. 6	67	14	120	1500
Martin, Horace E., Athens, Ga. Vehicle-brake.....	822,750	June 5	1039	213	122	1957
Martin, Horace E., Athens, Ga. Axle.....	828,621	Aug. 14	1868	393	123	2164
Martin, Iverson B., assignor of one-fourth to J. L. Holland, Paris, Tenn. Hame and breeching tug.....	814,554	Mar. 6	1111	231	121	241
Martin, James A. (See Latta and Martin.)						
Martin, James F., assignor to J. B. Hall, Philadelphia, Pa. Umbrella.....	838,261	Dec. 11	1996	428	125	1894
Martin, James H., assignor of one-half to L. Haseltine, Springfield, Mo. Adjustable rig for circular saws.....	827,548	July 31	5927	1228-9	123	1555
Martin, James L., Terrell, Tex. Tanning.....	825,852	July 10	2405		123	633
Martin, James V., assignor of one-third to T. C. Brian, Baltimore, Md. Furnace.....	827,166	July 31	5085	1057	123	1351
Martin, Jesse C., Jr., San Francisco, Cal. Cup-and-ball joint.....	835,076	Nov. 6	415	83	125	110
Martin, Johann, Galveston, Tex. Spirit-level.....	815,191	Mar. 13	2397	500	121	580
Martin, John D., Haynesville, Ky. Ditcher and road-grader.....	810,874	Jan. 23	4591	955-6	120	1123
Martin, John F. (See Haynes and Martin.)						
Martin, John S., and H. N. Stockton, Snohomish, Wash. Combined badge and watch-guard.....	822,969	June 12	1466	305	122	2094
Martin, John W., Scottsburg, Ind. Marine vessel.....	830,908	Sept. 11	2035	428	124	543
Martin, Joseph G., Fostoria, assignor to C. L. Brudewold, Cambridge, Ohio. Machine for drilling glassware.....	828,894	Aug. 21	2413	513-14	123	2332
Martin, Joseph W., Holyoke, Mass. Spinning-machine.....	819,298	May 1	530	112-13	122	123
Martin, Louis A., assignor of one-half to G. E. Vaughn, Stevens Point, Wis. Elevated carrier.....	835,450	Nov. 6	1153	249	125	290
Martin, Ludolph P., assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-shovel support.....	810,875	Jan. 23	4592	956	120	1124
Martin, Max. (See Dahl and Martin.)						
Martin, Miles L., Thomasville, Ga. Fire-lighting device.....	813,729	Feb. 27	4403	971	120	2591
Martin, Morris, Malden, assignor of one-half to C. E. Clisbee, Revere, Mass. Hydrocarbon-burner.....	826,044	July 17	2771	574	123	740
Martin, Morris, Malden, assignor of one-half to G. W. Gregory, Boston, Mass. Fluid-gage.....	827,318	July 31	5370	1117	123	1420

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Pgs.	Dis.	Vol.	Page.
Martin, Myron R., Superior, Wis. Grain-grinding mill.....	817,859	Apr. 17	2605	562	121	2040
Martin, Pennell W., Lake Eunice, Minn. Draft and steering gear for vehicles.....	822,145	May 29	6306	1342-3	122	1639
Martin, Philip J., assignor to Universal Cable Grip Company, Syracuse, N. Y. Cable-grip.....	832,401	Oct. 2	770	149	121	1398
Martin, Ralph D., Tampa, Fla. Game apparatus.....	810,781	Jan. 23	4419	917	120	1086
Martin, Ralph D., Tampa, Fla. Game device.....	824,560	June 26	4628	984	122	2896
Martin, Ralph D., Havana, Cuba. Game apparatus.....	828,825	Aug. 14	2255	480	123	2262
Martin, Richard, Oakland, Cal. Briquet-making press.....	834,215	Oct. 23	4651	986	124	2479
Martin, Richard, Oakland, assignor to National Briquette Company, San Francisco, Cal. Bucket conveyer.....	835,798	Nov. 13	1806	383	125	499
Martin, Richard D., Las Esperanzas, Mexico. Drawing-machine for coke-ovens.....	818,841	Apr. 24	4598	986-7	121	2525
Martin, Robert L., Jr., assignor to Pittsburgh Coal Washer Company, Pittsburg, Pa. Coal-washing apparatus.....	816,672	Apr. 3	258	60	121	1417
Martin, Robert T. J., Elyria, Ohio. Pressed-metal seat.....	820,227	May 8	2439	528	122	606
Martin, S. P., et al. (See Latimer, Samuel A., assignor.)						
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Means for charging storage batteries of telephone systems.....	819,073	May 1	75	18-19	122	20
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Means for charging storage batteries of telephone systems.....	834,832	Oct. 30	5894	1249	124	2838
Martin, Thomas C. (See Hall and Martin.)						
Martin, Thomas E., Chicago, Ill. Furnace-grate bar.....	819,019	Apr. 24	4931	1058	121	2598
Martin, Thomas E., Buffalo, N. Y. Rocking grate.....	833,934	Oct. 23	3933	834-5	124	2305
Martin, Thomas E., Buffalo, N. Y. Furnace-grate.....	836,647	Nov. 20	3445	736-7	125	945
Martin, Thomas E., Buffalo, N. Y. Furnace-grate.....	838,431	Dec. 11	2310	499-500	125	1971
Martin, Thomas J. (See Hercules and Martin.)						
Martin, W. B. (See Turner, Pease, and Martin, assignors.)						
Martin, Ward B. (See Turner, Pease, and Martin.)						
Martin, Washington A. (See Smith and Martin.)						
Martin, Wilhelm, Berlin, Germany. Control cash-box.....	839,398	Dec. 25	4191	898	125	2521
Martin, William, Wilkinsburg, Pa. Street-car fender.....	809,829	Jan. 9	2432	505	120	568
Martin, William A., Waxahachie, Tex. Cultivator.....	814,309	Mar. 6	614	127	121	133
Martin, William B., Bloomington, Ill. Concrete-mixer.....	820,428	May 15	2849	621	122	755
Martin, William E., Stamford, England. Side-delivery rake.....	818,899	Apr. 24	4702	1008-9	121	2548
Martin, William F. (See Brisacher, Hugo, assignor.)						
Martin, William M. (See Elwell and Martin.)						
Martin, William R., Idaho Falls, Idaho. Excavator.....	813,566	Feb. 27	4104	900	120	2528
Martin, William R., Idaho Falls, Idaho. Excavator.....	827,457	July 31	5690	1178	123	1499
Martincourt, John C., Denver, Colo. Dissolving mechanism for stereopticons.....	837,942	Dec. 11	1308	287-8	125	1721
Martindale, Frederick N., Rochester, N. Y. Curtain-pole fixture.....	818,036	Apr. 17	2970	641	121	2122
Martindale, Roland F., Memphis, Tenn. Vehicle-wheel.....	815,611	Mar. 20	3261	684	121	818
Martineau, Charles, and C. Prevost, Montreal, Canada. Water-trap.....	822,462	June 5	450	91	122	1823
Martineau, Clarence R., Albany, N. Y., assignor to Typewriter Adding Machine Company. Adding device for type-writing machines.....	815,724	Mar. 20	3501	733-5	121	871
Martineau, Clarence R., Albany, N. Y., assignor to Typewriter Adding Machine Company. Mechanical adding device.....	815,725	Mar. 20	3504	735-8	121	872
Martinet, Romain, and A. Dulac, Grenoble, France. Apparatus for dyeing hides and skins.....	823,539	June 19	2664	561	122	2414
Martinez, José M., Guanajay, Cuba. Cigarette-machine.....	836,519	Nov. 20	3210	681-5	125	891
Martyn, Harry M., assignor to W. L. Foley and C. W. Davis, Utica, N. Y. Automatic engine-stop.....	839,779	Dec. 25	4978	1063	125	2713
Martz, Randolph N., Frederick, Md. Vehicle.....	810,492	Jan. 23	3862	793-4	120	965
Marun, Simon C., New York, N. Y. Container for cigars.....	816,673	Apr. 3	262	61	121	1418
Marvel Rubber Company. (See Clark, Maurice C., assignor.)						
Marvell, Roy W., Baltimore, Md., assignor to Bennett-Marvell Manufacturing Company. Self-heating soldering-iron.....	834,313	Oct. 30	4863	1027	124	2577
Marvil, Joshua D. (See Melson and Marvil.)						
Marvin, Arthur, Panola, Ill. Loading apparatus.....	831,015	Sept. 11	2224	470	124	587
Marvin, Frederick B., Paterson, N. J. Current-motor.....	815,302	Mar. 13	2609	548	121	628
Marx, John F., et al. (See Bott, Adolph F., assignor.)						
Marx, Richard, Philadelphia, Pa. Ink-distributing device for printing-presses.....	815,850	Mar. 20	3795	801-2	121	932
Marx, Wilhelm E., Leipzig, Germany. Variable-speed gear.....	830,159	Sept. 4	516	104-5	124	130
Marz, Ludwig F., et al. (See Tymn, Cecil, assignor.)						
Mascall, Harry O., Johannesburg, Transvaal. Means for rendering bottles non-refillable.....	822,287	June 5	125	25	122	1756
Maschal, Charles S., Kingston, N. Y. Medicated pencil.....	819,901	May 8	1725	370	122	450
Maschin, George L., Westfield, Mass. Trick device.....	824,561	June 26	4630	984	122	2896
Maschinen und Dampfkesselfabrik "Guillaume Werke" Gesellschaft mit Beschränkter Haftung. (See Guillaume, Rudolf, assignor.)						
Maschinenfabrik für Tabakindustrie Gesellschaft mit Beschränkter Haftung. (See Schmitt, Johann R., assignor.)						
Maschinenfabrik Rütli vormals Caspar Honegger. (See Senn, Caspar, assignor.)						
Maschinenhandlung von Max Stern & Co., Firm of. (See Hinklein, Johannes, assignor.)						
Maschl, Adolf L. (See Kautzky, Albert and A., assignors.)						
Maschmeyer, Charles H., Portland, Me. Handle.....	822,970	June 12	1467	306	122	2095
Mascord, George W., London, England. Printing-machine.....	830,448	Sept. 4	1109	232-3	124	274
Masel, Theodore, Alton, Ill., assignor, by mesne assignments, to Chamberlin Cartridge & Target Company, Cleveland, Ohio. Carrier for target-traps.....	831,365	Sept. 18	2948	625	124	795
Masion, Alfred, Molenbeek, assignor to Société Générale du Laminage Annulaire, Brussels, Belgium. Rolling-machine.....	812,281	Feb. 13	1563	342	120	1882
Maske, Henry, Chicago, Ill. Alarm-knob.....	829,880	Aug. 28	4498	949	123	2897
Maskrey, Arthur J., Martins Ferry, Ohio. Stoker for furnaces.....	827,249	July 31	5238	1088	123	1388
Maslin, Emile. (See Theryc and Maslin.)						
Maslin, Emile, and C. Theryc, assignors to Société Anonyme des Procédés Maslin & Theryc, Marseille, France. Regenerator or heat-exchanging apparatus.....	821,518	May 22	5086	1084	122	1309
Mason, A. M. (See Dowd, John, assignor.)						
Mason, Arthur B., Ashland, Ohio. Railway-tie.....	827,808	Aug. 7	242	49	123	1731
Mason, Arthur J. (See Hoover and Mason.)						
Mason, Arthur J., assignor of one-half to F. K. Hoover, Chicago, Ill. Smelting ores.....	833,406	Oct. 16	2813	597	124	1988
Mason, Calvin F., St. Joseph, Mo. Sash-lock.....	834,743	Oct. 30	5691	1208	124	2787
Mason, Charles T., assignor to Sumter Telephone Manufacturing Company, Sumter, S. C. Telephone-receiver.....	823,061	June 12	1664	344	122	2139
Mason, Charles T., assignor to Sumter Telephone Manufacturing Company, Sumter, S. C. Telephone-receiver.....	835,361	Nov. 6	971	207	125	246
Mason, David, assignor to J. A. Woods, New York, N. Y. Recording apparatus for motor-vehicles.....	815,303	Mar. 13	2612	548	121	629
Mason, Edward A., Montreal, Quebec, Canada. Wheel-guard for railway-cars.....	836,935	Nov. 27	4092	873	125	1143
Mason, Edward R., Chicago, Ill. Shoe-horn.....	821,049	May 22	4153	883	122	1103

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'E.	Vol.	Page.
Mason, Elliott J., Allegheny, assignor to Heyl & Patterson Incorporated, Pittsburg, Pa. Driving mechanism.	837,486	Dec. 4	413	94	125	1459
Mason, Elliott J., and L. J. Robb, assignors to Heyl & Patterson, Incorporated, Pittsburg, Pa. Device for operating trippers for belt conveyers.	834,921	Nov. 6	86	17	125	25
Mason, Frederic H., Spokane, Wash. Valve.	814,791	Mar. 13	1601	336	121	409
Mason, Frederic H., Spokane, Wash. Automatic balanced valve.	814,975	Mar. 13	1927	405	121	476
Mason & Hamlin Company. (See Binnig, Jacob, assignor.)						
Mason, Harry R., and C. C. Farmer, Chicago, Ill., assignors to Westinghouse Air Brake Company, Wilmerding, Pa. Load-brake apparatus.	836,124	Nov. 20	2418	510-11	125	698
Mason, Leonard A. (See Peters and Mason.)						
Mason Machine Works. (See Chandler, George E., assignor.)						
Mason, Mortimer B., <i>et al.</i> (See Warren, Joseph A., assignor.)						
Mason, Rector T., St. Joseph, Mo. Sash-lock.	826,343	July 17	3343	691	123	878
Mason Regulator Company. (See Dike, George P., assignor.)						
Mason Regulator Company. (See Mason, William B., assignor.)						
Mason, Rhenier S., Saginaw, Mich. Machine for shaping horse-collars.	829,985	Sept. 4	144	24	124	35
Mason, Richard, Cumberland, Md. Combination-tool.	827,167	July 31	5087	1058	123	1351
Mason, Sidney, Philadelphia, Pa., assignor to Welsbach Light Company, Gloucester City, N. J. Incandescent gas-light.	817,081	Apr. 3	1048	217	121	1590
Mason, Thomas F., assignor to one-half to T. P. Watson, Colonial Beach, Va. Windlass.	808,670	Jan. 2	93	21	120	22
Mason, Thomas S., assignor to New York Shipbuilding Company, Camden, N. J. Calk-ing-tool.						
Mason, Volney W., Providence, R. I. Elevator driving mechanism.	810,424	Jan. 23	3725	767	120	931
Mason, William, assignor to Winchester Repeating Arms Co., New Haven, Conn. Chuck.	824,129	June 26	3752	801	122	2710
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Pressure-varying device.	810,782	Jan. 23	4421	917-18	120	1085
Mason, William B., assignor to Mason Regulator Company, Boston, Mass. Cross-head guide.	822,850	June 5	1223	253	122	1995
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Fuel-supplying apparatus for liquid-hydrocarbon burners.	824,080	June 19	3676	782	122	2635
Mason, William S., La Salle, Ill. Nut-lock.	839,780	Dec. 25	4981	1063	125	2713
Massachusetts Association for Promoting the Interests of the Adult Blind. (See Pendergast, Frederick W., assignor.)	834,922	Nov. 6	89	18	125	26
Massette, Louis A., New York, assignor of one-half to F. B. Graff, Brooklyn, N. Y. Spinning-top.	837,316	Dec. 4	77	21	125	1373
Massey, Augustus C., Los Angeles, Cal. Divided axle for railway and other vehicles.	829,881	Aug. 28	4500	949	123	2898
Massey, Dora, Duncanville, Tex. Quilting-frame.	811,650	Feb. 6	226	48-9	120	1535
Massey, Harold F., Withington, England. Drop hammer or stamp.	829,594	Aug. 28	3897	826-7	123	2752
Massey Machine Company. (See Richardson, Charles G., assignor.)						
Massey, Orron I., Elk City, Okla. Ter. Rein-support.	837,579	Dec. 4	599	139	125	1503
Massie, Alfred N., Belleville, Ill. Key-lock.	812,663	Feb. 13	2294	499	120	2031
Massie, Mitford C. (See Stewart, James M., assignor.)						
Massie, Walter W., Providence, R. I. Condenser.	820,363	May 8	2705	590	122	665
Massie, Walter W., assignor to Massie Wireless Telegraph Company, Providence, R. I. Oscillaphone.	819,779	May 8	1479	316	122	391
Massie Wireless Telegraph Company. (See Massie, Walter W., assignor.)						
Massott, Adam, Jr., Mutterstadt, assignor to F. André, Haardt, near Neustadt A/H, Germany. Manufacture of steel from ordinary iron.	836,520	Nov. 20	3219	686	125	893
Mast, Aaron, Annapolis, Mo., assignor to Sheffield Car Company, Three Rivers, Mich. Car-wheel.	818,900	Apr. 24	4704	1009	121	2548
Masten, Abraham, Milan, and H. S. Masten, Detroit, Mich. Snow-plow.	821,660	May 29	5370	1144-5	122	1426
Masten, Herbert S. (See Masten, Abraham and H. S.)						
Masterman, William H. (See Magney and Masterman.)						
Masters, Charles I., <i>et al.</i> (See Watson, George D., assignor.)						
Masters, Crawford, Fair Oaks, Pa. Folding level.	830,796	Sept. 11	1833	381	124	492
Masterson, Frank D., assignor to Chase-Shawmut Co., Boston, Mass. Rail-bond.	833,072	Dec. 18	3508	758	125	2307
Masurath, Eduard, Werder, near Potsdam, Germany. Rein-holder.	838,731	Dec. 18	2879	620	125	2154
Matcham, Charles A., Allentown, Pa. Pulverized-fuel burner for furnaces.	815,929	Mar. 20	3945	835	121	964
Matcham, Charles A., Allentown, Pa. Drier. (Reissue.)	12,474	Apr. 24	4985	1067	121	2612
Matchan, George L. (See Lewallen and Stetler, assignors.)						
Matchless Cigar Lighter Manufacturing Company. (See Weisz, Albert R., assignor.)						
Mathein, Frank J., assignor to W. H. Hurley, New Haven, Conn. Pencil-tip calendar.	817,651	Apr. 10	2176	462	121	1890
Matheny, Otis, Chrisman, Ill. Compound tool.	820,723	May 15	3422	732	122	881
Matheny, Thurston. (See Hastings and Matheny.)						
Mather, George C. (See Jessurun, Emile C., assignor.)						
Mather, Lewis P., Pittsburg, Pa. Draft-gear for railway-cars.	817,433	Apr. 10	1764	370	121	1804
Mather, Lewis P., Pittsburg, Pa. Car-coupling.	834,833	Oct. 30	5898	1249-50	124	2839
Mather, W. Penn. (See Sisson, Albert T., assignor.)						
Mather, William, J. Hübner, and W. J. Pope, Manchester, England. Apparatus for mercerizing.	821,812	May 29	5686	1211-12	122	1499
Mather, William, J. Hübner, and W. J. Pope, Manchester, England. Mercerizing.	824,255	June 26	4014	859	122	2766
Mather, William S., Newark, N. J. Crucible-shaker.	813,658	Feb. 27	4277	940-1	120	2564
Mathers, Ezra A., Philadelphia, Pa. Excavating-machine.	829,882	Aug. 28	4501	949-50	123	2898
Mathers, James, San Francisco, Cal. Rock-drill.	826,108	July 17	2911	604	123	774
Mathes, John A., San Diego, Cal. Kerosene incandescent lamp.	823,733	June 19	3017	639	122	2491
Mathes, John A., San Diego, Cal. Kerosene vapor-stove.	823,734	June 19	3022	639	122	2492
Matheson, Carl L., and T. M. Dale, Statesville, N. C. Roller-protector for printing-presses.	824,732	July 3	63	13	123	20
Matheson Motor Car Company. (See Greuter, Charles R., assignor.)						
Matheson, William A., <i>et al.</i> (See Bellamy, Albert, assignor.)						
Mathews, Karl, Marshall, Tex. Machine for cutting key-seats in shafting.	828,948	Aug. 21	2517	534	123	2359
Mathews, Andrew S., and T. Roeder, Longmont, Colo. Vehicle-top support and protector.	832,688	Oct. 9	1353	273	124	1578
Mathews, Charles E., Rio, Wis. Chlorate-powder.	811,941	Feb. 6	817		120	1655
Mathews, Henry B. (See Roberts and Mathews.)						
Mathews, Rufus P., and C. H. Lister, St. Paul, Minn. Gravity freight-carrier.	824,943	July 3	533	105-6	123	142
Mathews, William G., <i>et al.</i> (See Birmingham, John P., assignor.)						
Mathewson, C. J., <i>et al.</i> (See Riddle, Gust A., assignor.)						
Mathewson, John A., San Jose, Cal. Trap.	832,142	Oct. 2	253	48	124	1274
Mathias, Theodore N., Milwaukee, Wis. Blanket.	831,452	Sept. 18	3104	657	124	835
Mathias, Thomas H., Chicago, Ill., assignor to Illinois Steel Company. Rolling metal plates.	823,345	June 12	2263	472	122	2271
Mathieson, Alexander S., Glasgow, Scotland. Nut wrench or spanner.	835,194	Nov. 6	641	132	125	163
Mathieu, Stanislas, Worcester, Mass. Bottle-seal.	827,106	July 31	4932	1029	123	1308
Mathis, George W. (See Metcalfe, Jefferson D., assignor.)						
Mathis, Michael, Sharpsburg, Pa. Shoemaker's last.	825,143	July 3	899	190	123	237

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g	Vol.	Page.
Mathis, Thomas H. (See Garrett, Edward T., assignor.)						
Matlack, Thomas, <i>et al.</i> (See Rihl, John A., assignor.)						
Matlock, Charles H., Emden, Ill. Four-horse equalizer.	813,567	Feb. 27	4108	900	120	2529
Matlowsky, Zeelig, New York, N. Y. Reflector.	819,570	May 1	1047	230	122	235
Matson, Charles I., Chicago, Ill. Amusement apparatus.	817,381	Apr. 10	1644	348	121	1780
Matson, Edgar C., and E. J. Baldwin, Harriman, Tenn. Lubricator.	836,195	Nov. 20	2572	542	125	734
Matson, Harry J., Havre, France. Life-saving raft.	818,183	Apr. 17	3267	700	121	2186
Matson, Harry J., Havre, France. Gear for supporting and launching life-rafts.	825,917	July 17	2520	525	123	671
Matt, Jacob, Buffalo, N. Y. Washing-machine.	819,152	May 1	225	48	122	56
Mattern, Peter, Cleveland, Ohio. Time-switch.	832,402	Oct. 2	771	149	124	1398
Matterson, Adah D., Fremont, Mich. Cover for churns.	825,472	July 10	1610	335	123	437
Matteson, Edward D., assignor to Western Inspection Company, Buffalo, N. Y. Chemical fire-extinguisher.	838,794	Dec. 18	3004	648	125	2184
Matteson, Edward J., <i>et al.</i> (See Matteson, Walter C., assignor.)						
Matteson, George, near Colvin, Ill. Milk-cooler.	814,614	Mar. 6	1221	256	121	264
Matteson, Lynn B., Pittsburg, Pa. Flying toy.	811,784	Feb. 6	477	102	120	1588
Matteson, Walter C., assignor of two-thirds to E. J. Matteson and A. H. Carpenter, Stockton, Cal. Lock-nut.	819,902	May 8	1726	371	122	450
Matthes, Samuel, Mansfield, Ohio. Nut-lock.	834,530	Oct. 30	5272	1120	124	2682
Matthew, William E., Bucyrus, Ohio. Torpedo.	825,229	July 3	1076	227	123	281
Matthews, Ambrose T. (See Buxton, Willard H., assignor.)						
Matthews, Arthur C., St. Louis, Mo. Vegetable cutter and slicer.	829,025	Aug. 21	2670	562	123	2395
Matthews, Charles, Jr., Chicago, Ill. Device for regulating the quality of gas.	838,633	Dec. 18	2709	581	125	2112
Matthews, Charles, Jr., Chicago, Ill. Device for regulating the quality of gas.	838,634	Dec. 18	2710	581	125	2112
Matthews, Charles, Jr., and E. E. Laun, Chicago, Ill. Device for intermittent gas-lights.	830,092	Sept. 4	367	74	124	89
Matthews, Charles H., Selden, Kans. Corn cultivator and weeder.	834,834	Oct. 30	5902	1250	124	2840
Matthews, Elmer R., Hohman, Ohio. Valve-adjuster for oil-wells.	822,971	June 12	1468	306	122	2095
Matthews, James H., Pittsburg, Pa. Form for cylinder-presses.	823,062	June 12	1665	345	122	3139
Matthews, John L., assignor of two-thirds to C. E. Barry and J. Roesser, Baltimore, Md. Smoke-cleaner.	824,800	July 3	233	42	123	65
Matthews, John T., <i>et al.</i> (See Benford, Rezin B., assignor.)						
Matthews, John W. (See Matthews, Joseph E. and J. W.)						
Matthews, Joseph E. and J. W., Oregon, Ill. Presser-bar for pianos.	824,498	June 26	4500	954	122	2869
Matthews, Joseph M., Philadelphia, Pa., assignor to F. Darlington, Great Barrington, Mass. Manufacture of carbon tetrachlorid.	835,307	Nov. 6	862	183	125	218
Matthews, Leonard. (See Fahl, Eugene, assignor.)						
Matthias, Edward A., Liverpool, England. Closure device for bottles, jars, and similar vessels.	810,164	Jan. 16	3127	647	120	768
Matthies, William H. (See Bullard and Matthies.)						
Mattoon Grain Conveyor Company. (See Akers, James M., assignor.)						
Mattson, Albin F., Philadelphia, Pa. Tunnel-lining of reinforced concrete blocks.	830,345	Sept. 4	892	183	124	221
Mattson, Samuel, New York, and W. M. Torrance, Yonkers, N. Y. Air-lock for caissons.	824,876	July 3	392	75	123	107
Mattson, Samuel, New York, and W. M. Torrance, Yonkers, N. Y. Air-lock for caissons.	824,877	July 3	393	75-6	123	107
Matusak, Peter, and G. Slaine, Greensburg, Pa. Wrench.	824,499	June 26	4500	954	122	2869
Matz, Bernard G., and M. Wozniowski, Chicago, Ill. Signal for switches.	817,860	Apr. 17	2606	563	121	2040
Maucher, Albert. (See Gheen and Maucher.)						
Mauck, Victor. (See West and Mauck.)						
Mauger, Philip J., Minier, Ill. Dumping and elevating apparatus.	831,966	Sept. 25	4175	871-2	124	1148
Maupin, Seth B. (See Maxfield and Maupin.)						
Maurer, John C., Chicago, Ill. Gyroscope.	829,663	Aug. 28	4034	854	123	2785
Maurer, Ludwig, Nuremberg, Germany. Friction-gearing for motor-vehicles, &c.	835,797	Nov. 13	1805	382	125	499
Mauritzen, Peter S., Port Richmond, N. Y. Float mechanism.	827,549	July 31	5928	1229	123	1555
Mausser, Alfons, Cologne, Germany. Cask, barrel, drum, and the like.	820,228	May 8	2441	529	122	607
Mausser, Paul, Oberndorf-on-the-Neckar, Germany. Magazine for small-arms.	808,938	Jan. 2	618	135	120	136
Maussner, Frederick, Philadelphia, Pa. Mattress.	819,903	May 8	1728	371	122	450
Maw, Robert, Montreal, Canada. Car starting and stopping device.	808,939	Jan. 2	621	136	120	137
Mawdsley, John H. S., Taunton, England. Dynamo-electric machinery.	811,312	Jan. 30	5484	1143	120	1350
Mawson, Mary. (See Greig and Mawson.)						
Max Ams Machine Company. (See Brenzinger, Julius, assignor.)						
Max Huncke Chemical Co. (See Crippen, Henry M., assignor.)						
Maxey, James W., Louisville, Ky. Straightening wooden handles.	812,350	Feb. 13	1685	.....	120	1910
Maxfield, James R., and S. B. Maupin, Grand Saline, Tex. Anesthetic holding and dispensing apparatus.	831,728	Sept. 25	3696	773	124	1029
Maxfield, William, Barrington, assignor of one-half to W. C. Dimond, Warren, R. I. Artificial calyx.	831,086	Sept. 18	2425	509	124	667
Maxfield, William, Barrington, assignor of one-half to W. C. Dimond, Warren, R. I. Device for supporting plants.	836,328	Nov. 20	2842	604	125	803
Maxim, Hiram S., West Norwood, Surrey, England. Roundabout.	831,366	Sept. 18	2949	625-6	124	796
Maxim, Hudson, Brooklyn, N. Y., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Erosion-meter.	829,117	Aug. 21	2873	603	123	2452
Maxson, Frank, <i>et al.</i> (See Wöehle, William, assignor.)						
Maxwell, Arthur A., trustee. (See Smith, Alba P., Jr., assignor.)						
Maxwell, Bert C., Canton, Ohio. Account-cabinet.	816,025	Mar. 27	4145	878	121	1061
Maxwell, Edward L., Mulberry, Fla. Pipe-flange.	823,346	June 12	2264	472	122	2271
Maxwell, French T. (See Cromwell and Maxwell.)						
Maxwell, George W., and A. Kingsbury, San Francisco, Cal.; said Kingsbury assignor to said Maxwell. Milk-receptacle.	827,984	Aug. 7	577	118	123	1815
Maxwell, Jacob B. (See Paxson, Wallace T., assignor.)						
Maxwell, Jonathan D., Detroit, Mich. Friction-clutch.	810,783	Jan. 23	4424	918	120	1087
Maxwell, Roscoe I., White Plains, N. Y. Corkless non-refillable bottle.	816,170	Mar. 27	4443	940	121	1125
May, Charles, London, England. Apparatus for ascertaining the level of liquids.	820,429	May 15	2851	621	122	755
May, Charles C., Canon City, Colo. Elastic cement.	826,180	July 17	3030	.....	123	802
May, Charles E. (See Oatway and May.)						
May, Edgar B., assignor of one-half to J. H. Davis, Chicago, Ill. Automatic relief-valve.	838,732	Dec. 18	2880	620	125	2155
May, Elihu, Magee, Miss. Rein-holder.	823,063	June 12	1666	345	122	2139
May, Henry H., New Albin, Iowa. Gate.	831,453	Sept. 18	3105	657-8	124	835
May, Henry H., New Albin, Iowa, assignor of one-half to S. Heath, Benson, Minn. Folding crate.	827,028	July 24	4734	987	123	1245
May Ira C. (See Rahm and May.)						
May, John C., Peoria, Ill. Door-spinner.	826,730	July 24	4174	867	123	1107
May, Louis B., New York, N. Y., assignor to International Amusement & Racing Association, Augusta, Me. Amusement apparatus.	834,016	Oct. 23	4229	897	124	2373
May, Rudolf A., Akron, Ohio. Gate.	815,450	Mar. 20	2971	619	121	756
Maydwell, C. A. (See Bien, Julius H., assignor.)						
Mayer, Benjamin, Baltimore, Md. Apparatus for grinding both fields of bifocal lenses simultaneously.	830,346	Sept. 4	893	183	124	221

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & E.	Vol.	Page.
Mayer, Casper P., Bridgeville, Pa. Turn-table	817,434	Apr. 10	1766	370-1	121	1805
Mayer, Casper P., Bridgeville, Pa. Brick and tile cutting machine	828,622	Aug. 14	1869	394	123	2165
Mayer, Emil W., Hamburg, assignor to Firm of Antignit-Gesellschaft mit Beschränkter Haftung, Schleusenhof, Germany. Fire-extinguishing compound	836,265	Nov. 20	2719		125	773
Mayer, Frederick C. (See Porter and Mayer.)						
Mayer, Godfried J. (See Steinbrenner and Mayer.)						
Mayer, Isidor. (See Hübner and Mayer.)						
Mayer, Katherine M. (See Youngman, Raymond D., assignor.)						
Mayer, Louis, Mankato, Minn. Excavating apparatus	835,029	Nov. 6	308	66	125	79
Mayer, Oscar. (See Wiese, Otto C., assignor.)						
Mayer, Walter, Madison, Wis. Attachment for platen printing-presses	824,256	June 26	4015	859	122	2766
Mayer, Walter S., Philadelphia, assignor to A. E. Newton, Daylesford, and W. M. Scott, Philadelphia, Pa. Electrical switch	819,360	May 1	666	140-1	122	152
Mayer, Walter S., Philadelphia, assignor to A. E. Newton, Daylesford, and W. M. Scott, Philadelphia, Pa. Circuit-breaking mechanism	825,144	July 3	899	190	123	237
Mayer, Wilhelm, Rüttenscheid, near Essen-on-the-Ruhr, assignor to F. Krupp Aktien-gesellschaft, Essen-on-the-Ruhr, Germany. Ammunition-package	808,854	Jan. 2	447	98	120	99
Mayer, Wilhelm, Essen-on-the-Ruhr-Rüttenscheid, assignor to F. Krupp Aktiengesell-schaft, Essen-on-the-Ruhr, Germany. Tilting ammunition-wagon	808,855	Jan. 2	448	99	120	100
Mayes, Melvin L. (See Sweeney and Mayes.)						
Mayfield, Daniel D. and E. F., Thayer, Mo. Combined churn and ice-cream freezer	823,612	June 19	2791	591	122	2442
Mayfield, Ella F. (See Mayfield, Daniel D. and E. F.)						
Mayfield Mfg. Co. (See Haverfield, Joseph L., assignor.)						
Mayhew, George S., assignor to G. W. Mellor, London, England. Process and appar-atus for preparing and cutting veneers	814,062	Mar. 6	123	24	121	28
Mayhew, James T., Chino, Cal. Roller seeding-machine	815,451	Mar. 20	2974	619	121	756
Mayhew, Percy G., Grand Rapids, Mich. Waterproof shoe	809,713	Jan. 9	2232	463	120	523
Mayhew, Theophilus, assignor to American Promoting Company, Detroit, Mich. Bowl-ing-alley pin	828,415	Aug. 14	1455	307	123	2057
Mayhew, Theophilus, assignor to American Promoting Company, Detroit, Mich. Safety-shield for bottles, &c.	832,869	Oct. 9	1728	356	124	1669
Mayhew, Theophilus, assignor to American Promoting Company, Detroit, Mich. Car-door	838,347	Dec. 11	2145	465	125	1931
Maylender, Louis K., et al. (See Howarth and McKinlay, assignors.)						
Maynard, Charles S., Chardon, assignor of one-half to J. Maynard and W. B. Treat, Cleveland, Ohio. Temporary telegraph-station	836,936	Nov. 27	4093	874	125	1143
Maynard, Flonzo A., Hickory, N. C. Engine	827,107	July 31	4933	1029	123	1308
Maynard, Fred B., Boston, Mass. Apparatus for making coffee	828,674	Aug. 14	1964	413	123	2187
Maynard, John, et al. (See Maynard, Charles S., assignor.)						
Maynard, Moses, Hancock, Mich. Device for lifting heavy metallic plates	815,452	Mar. 20	2975	619	121	756
Maynard, William C., Miami, Fla. Pin-retainer	811,421	Jan. 30	5688	1191	120	1392
Maynard, William G., Rondout, N. Y. Canceling-machine	813,809	Feb. 27	4555	1007-8	120	2624
Maynard, William G., Rondout, N. Y. Feeder	813,810	Feb. 27	4559	1008	120	2625
Mayne, William, Mildura, Victoria, Australia. Reversing-valve for fluid-pressure motors	825,853	July 10	2406	501-2	123	633
Mayo, Benjamin F., Salem, assignor to United Shoe Machinery Company, Boston, Mass. Pegging-machine	834,923	Nov. 6	92	18	125	26
Mayo, Frederick P., Boston, Mass. Pile-driver	822,620	June 5	786	160	122	1901
Mayo Knitting Machine and Needle Company. (See Hemphill, Joshua D., assignor.)						
Mayo, Thomas W., Redding, Cal. Rail-joint	813,224	Feb. 20	3405	750	120	2315
Mayrose, Henry D. (See Dicken, Bert W., assignor.)						
Mays, James F., Birmingham, Ala., assignor, by mesne assignments, of one-half to said Mays as trustee. Calculating-machine	838,128	Dec. 11	1713	368-9	125	1825
Mazaraki, Joseph de, Etterbeek, near Brussels, Belgium. Combined vehicle braking and starting device	822,679	June 5	900	184	122	1928
Maze, Walter H., et al. (See Nelson, John, assignor.)						
Mazeraud, Alexandre H., Paris, France. Draft apparatus for boiler-furnaces	811,570	Feb. 6	68	14	120	1500
Mazzerov, Morris, Duquesne, Pa. Stuffing-machine	816,871	Apr. 3	644	133-4	121	1502
Mazzanovich, Anton L., New York, N. Y. Fender for street-cars	820,005	May 8	1998	438	122	507
McAdam, John V., Granite City, Ill. Car-bolster	814,470	Mar. 6	952	195	121	207
McAdams, William A., New York, N. Y. Dish-drainer	815,855	Mar. 20	3806	805	121	934
McAfee, Claude M., Waco, Tex. Well-drilling machine	820,936	May 15	3894	830	122	866
McAfee, Claude M., Cincinnati, Ohio. Well-drilling machine	831,675	Sept. 25	3599	755	124	1003
McAfee, Morgan E., Atlanta, Ga., assignor to Heald Machine Company, Worcester, Mass. Sash-trimming machine	817,866	Apr. 17	2621	568	121	2044
McAfee, Stanley, North Adams, Mass. Reversible window	812,070	Feb. 6	1073	234-5	120	1707
McAlister, Donald C. (See De Cree and McAlister.)						
McAlister, James R., Hailesboro, N. Y. Vehicle-wheel	824,571	June 26	4648	988	122	2900
McAlister, Addams S., New York, N. Y. Alternating-current machinery	809,835	Jan. 9	2448	509	120	571
McAlister, Addams S., Ithaca, N. Y. Alternating-current machinery	815,459	Mar. 20	2986	622-3	121	758
McAlister, John E. (See Ohmer, Hill, Whistler, and McAlister.)						
McAllister, Robert. (See James, McAllister, and Byram.)						
McAlpin, Frank G., assignor of one-half to E. W. Bookland, Rockford, Ill. Overcheck-loop	832,921	Oct. 9	1825	376	124	1691
McAnulty, John A., assignor to Sanitary Stopper Company, Baltimore, Md. Stamp-ing-machine	837,633	Dec. 4	708	162-3	125	1530
McArthur, Ammie C., Conneaut Lake, Pa. Combination-trunk	825,673	July 10	2078	434	123	554
McArthur, B. F., et al. (See Latimer, Samuel A., assignor.)						
McArthur, Edna, and A. L. Rosmann, Milwaukee, Wis. Type-writing machine	825,335	July 10	1296	272-3	123	356
McArthur, Fred J. (See Walberg and McArthur.)						
McArthur, George E., and C. P. Springer, Eaton Rapids, Mich. Block-molding machine	834,155	Oct. 23	4536	962	124	2451
McArthur, Henry E., et al. (See Wilcox, William W., assignor.)						
McArthur, Jennie F., Detroit, Mich. Sleeve-ironing board	810,964	Jan. 30	4814	1000	120	1206
McAsian, Norman, Neola, Iowa. Portable sawing-machine	819,703	May 1	1313	285	122	295
McAtee, William R. (See Chapman and McAtee.)						
McBean, John C. (See McDermott and McBean.)						
McBee, Marshall E. (See Davis, James W., assignor.)						
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Supervisory signal for telephone-switchboards	817,867	Apr. 17	2622	568	121	2044
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Inclosing case for telephone sets	822,464	June 5	452	91	122	1823
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Register-signal for measured-service telephone-exchange systems	828,419	Aug. 14	1461	308	123	2059
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Telephone-exchange apparatus	829,724	Aug. 28	4172	883	123	2815
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Selective signal system for railways	830,247	Sept. 4	697	139-42	124	176

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
McBerty, Frank R., Evanston, and E. B. Craft, assignors to Western Electric Company, Chicago, Ill. Service-meter for telephone-exchanges.	813,230	Feb. 20	3414	752-3	120	2317
McBriar, James. (See Notz and McBriar.)						
McBride, Charles L., Toledo, Ohio. Die-press.	812,283	Feb. 13	1566	343	120	1883
McBride, John T., <i>et al.</i> (See Frank, Beecher, assignor.)						
McBride, Joseph J. (See Gunn and McBride.)						
McBride, Joseph M., Poteau, Ind. Ter. Churn-motor.	816,353	Mar. 27	4834	1025	121	1208
McBride, Patrick L., Lowell, Mass., assignor to T. K. Miller, Crafton, Pa. Feeding mechanism for carding-machines.	812,863	Feb. 20	2684	592	120	2160
McBride, William J., and J. J. Alford, Fort Worth, Tex. Road-working machine.	817,087	Apr. 3	1057	219	121	1593
McBrien, Joseph, <i>et al.</i> (See Brickett, Frank E., assignor.)						
McBurney, Uriah F., assignor of fifty-five one-hundredths to A. W. Wicher, Boise, Idaho. Head-gate.	828,233	Aug. 7	1064	224	123	1930
McCabe, Charles R., Pittsburg, Pa. Refrigerator.	829,415	Aug. 28	3490	734	123	2650
McCabe, Charles R., Pittsburg, Pa. Mailing-tube.	836,200	Nov. 20	2578	544	125	736
McCabe, Franklin J., assignor to A. S. F. Berquist and F. Tench, New York, N. Y. Amusement apparatus.	811,315	Jan. 30	5489	1144	120	1351
McCabe, Henry, Arcola, Ill. Mail-delivery apparatus.	816,876	Apr. 3	652	135	121	1503
McCabe, Horace B. (See Cochran and McCabe.)						
McCabe, James, <i>et al.</i> (See Hartough, D Maurice, assignor.)						
McCabe, William L., Seattle, Wash. Sling for hoisting apparatus.	819,576	May 1	1058	232-3	122	238
McCaffrey, Charles E., Winsted, Conn. Lubricator.	834,068	Oct. 23	4336	922	124	2398
McCaffrey, Charles P. (See Miner, Herbert A., assignor.)						
McCaffrey, Michael J., assignor to C. E. Miller and R. H. Benary, New York, N. Y. Varnishing and gumming machine.	827,934	Aug. 7	473	97	123	1790
McCaffrey, Peter J. (See Frank and McCaffrey.)						
McCahey, George F., Providence, R. I. Machine for tipping lacings.	835,309	Nov. 6	865	183-4	125	219
McCahon, Alexander, St. Joseph, Mo. Mold for cement building-walls.	814,154	Mar. 6	298	59	121	66
McCain, Billy S., Knox county, Ind. Puzzle.	821,182	May 22	4407	938	122	1160
McCain, Billy S., assignor of one-half to J. W. Jones, Monroe City, Ind. Shipping-crate.	827,877	Aug. 7	362	77	123	1760
McCain, John A., Atlanta, assignor of one-half to L. J. Cassels, Decatur, Ga. Spirit-level.	808,862	Jan. 2	459	101	120	102
McCain, Mert, Portland, Ind. Well-drilling machinery.	836,984	Nov. 27	4189	891-2	125	1167
McCain, Mert, Portland, Ind. Mast for well-drilling machines.	836,985	Nov. 27	4193	892-3	125	1168
McCall, C. S., Jr., <i>et al.</i> (See Brasington, John M., assignor.)						
McCall, Donald T., Jackson, Mich. Oval and round cardboard cutting machine.	822,976	June 12	1478	308	122	2097
McCall, T. E., <i>et al.</i> (See Brasington, John M., assignor.)						
McCall, Uriah L., <i>et al.</i> (See McCall, William W., assignor.)						
McCall, William S. (See Scott and McCall.)						
McCall, William W., assignor of one-fourth to F. K. Smith, Kansas City, Mo. Hammer-butt flange for piano-actions.	831,176	Sept. 18	2573	542	124	702
McCall, William W., assignor of two-fifths to W. F. Stone and U. L. McCall, Kansas City, Mo. Damper-lever flange for piano-actions.	809,970	Jan. 16	2728	561	120	684
McCalla, John B., Knoxville, Tenn. Foot-ball-player's shoulder-guard.	817,656	Apr. 10	2182	464	121	1891
McCallip, William W., Columbus, Ohio. Screen.	810,965	Mar. 30	4814	1001	120	1206
McCallum, Archibald J., Eagle Harbor, Mich. Railway-tie.	814,796	Mar. 13	1616	339	121	412
McCallum, Henry C., Montreal, Canada. Counting mechanism.	810,550	Jan. 23	3988	821	120	992
McCallum, John. (See Fletcher, William H., assignor.)						
McCance, David, Lockport, N. Y. Polishing-machine.	823,540	June 19	2666	562	122	2414
McCann, Daniel, assignor of two-thirds to F. R. Bartsch and L. C. Hatton, Chicago, Ill. Bookbinder.	818,777	Apr. 24	4477	959	121	2500
McCann, Harry, Hamilton, Ontario, Canada. Means for mounting window-sashes and trimmings therefor in concrete walls.	837,418	Dec. 4	279	68-9	125	1426
McCann, John P., Arnold, assignor to Window Glass Machine Company, Pittsburg, Pa. Flexible pipe connection.	833,408	Oct. 16	2817	597	124	1989
McCann, Joseph. (See Rottel, Herman W., assignor.)						
McCann, Joseph W., Washington, D. C. Dummy keyboard.	823,888	June 19	3314	706	122	2558
McCann, William E., Noble, Okla. Ter. Harrow.	827,110	July 31	4937	1030	123	1309
McCann, William H., Pittsburg, Pa. Stamping and labeling machine.	834,631	Oct. 30	5484	1164	124	2735
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Lubricating-pump for locomotive-engines.	822,684	June 5	908	186-7	122	1930
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Lubricating apparatus.	822,685	June 5	920	187-8	122	1932
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Lubricator.	822,900	June 5	1327	275	122	2016
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Locomotive-lubricator.	833,889	Oct. 23	3830	813-14	124	2277
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Lubricator for automobile-motors, &c.	838,565	Dec. 18	2571	556	125	2079
McCanney, James J. (See Halvorson and Johnson, assignors.)						
McCanse, William, Frederick, Okla. Ter. Nut-lock.	818,635	Apr. 24	4177	899	121	2434
McCants, Jason S., Talladega, Ala. Harness.	834,156	Oct. 23	4539	962-3	124	2452
McCants, Jason S., Talladega, Ala. Harness.	834,157	Oct. 23	4540	963	124	2452
McCardell, William K., Houston, Tex. Mosquito-net-frame attachment for bedsteads.	812,284	Feb. 13	1567	343	120	1883
McCardle, Christopher Y., Cameron, and S. N. Davis, Elm Grove, W. Va. Churning apparatus.	813,732	Feb. 27	4407	972	120	2592
McCargo, Grant. (See Vallney and Daniels, assignors.)						
McCarl, Joseph C., Weston, W. Va., assignor of three-fourths to W. J. Alexander, W. H. Hoyt, and J. O'Hare, Norwalk, Ohio. Automatic valve for water-closets.	809,722	Jan. 9	2248	467	120	527
McCarroll, David C., Kansas City, Mo. Automatic governing device for gasoline-engines.	811,734	Feb. 6	370	81	120	1568
McCarter, Charles, Indianapolis, Ind. Car-coupling.	814,979	Mar. 13	1934	466-7	121	477
McCarter, Louis N., assignor to R. S. Newbold & Son Company, Norristown, Pa. Flanging-machine.	825,235	July 3	1086	229-30	123	283
McCarter, Louis N., Norristown borough, Pa., assignor to International Pavement Company, Hartford, Conn. Block or tile press.	837,243	Nov. 27	4691	995-6	125	1290
McCarthy, Charles, and M. M. Phenice, Columbus, Ohio. Vehicle-tire tool.	816,354	Mar. 27	4835	1025	121	1209
McCarthy, Dennis F., Lowell, Mass., assignor to Brunswick-Balke-Collender Company, New York, N. Y. Bowling-alley.	817,504	Apr. 10	1911	402	121	1836
McCarthy, Elisha B. (See Reynolds and McCarthy.)						
McCarthy, Jeremiah G., Holyoke, Mass. Mop-wringer.	831,734	Sept. 25	3705	776	124	1032
McCarthy, John T., assignor of one-half to J. J. Riordon, Jr., Baltimore, Md. Vaginal syringe.	823,069	June 12	1679	347	122	2142
McCarthy, Joseph J. (See Duggan and McCarthy.)						
McCarthy, Louis, Boston, Mass. Electric-light-fixture insulator.	809,126	Jan. 2	1002	207	120	221
McCarthy Portable Elevator Company. (See McCarthy, Thomas J., assignor.)						
McCarthy, Thomas F., Waltham, Mass. Column.	813,318	Feb. 20	3596	790	120	2355

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
McCarthy, Thomas J., San Francisco, Cal., assignor to McCarthy Portable Elevator Company, San Francisco, Cal., and Jersey City, N. J. Portable elevator.	831,518	Sept. 18	3235	683	124	870
McCarthy, William, Lebanon, Ind. Corn-planter.	832,873	Oct. 9	1733	358	124	1670
McCarthy, William T., Brooklyn, N. Y. Concrete construction.	839,021	Dec. 18	3407	735	125	2282
McCartney, John F., Worcester, Mass. Plumber's trap.	809,971	Jan. 16	2729	561	120	684
McCartney, Robert L., Ottumwa, Iowa. Clamping attachment for miter-boxes and the like.	818,275	Apr. 17	3445	741	121	2223
McCartney, Robert L., Ottumwa, Iowa. Attachment for carpenters' squares.	825,150	July 3	918	194	123	242
McCarty, Edward W. (See Flynn, Michael J., assignor.)						
McCarty, Peter F., Washington, D. C. Curtain-fixture.	819,577	May 1	1060	233	122	238
McCarty, William F. M., Rocky Ridge, Md., assignor to T. A. Darby, trustee, New York, N. Y. Decomposing water by electrolysis.	813,105	Feb. 20	3164	692	120	2267
McCarty, William F. M., Rocky Ridge, Md., assignor to T. A. Darby, trustee, New York, N. Y. Apparatus for decomposing water by electrolysis.	814,155	Mar. 6	299	60	121	66
McCarty, William F. M., Rocky Ridge, Md., assignor to T. A. Darby, trustee, New York, N. Y. Apparatus for decomposing water by electrolysis.	816,355	Mar. 27	4836	1025	121	1209
McCaskey, Perry A., Lisbon, Ohio. Credit-accounting appliance.	809,723	Jan. 9	2250	467	120	527
McCaslin, Edward B., Terry, Mont. Rail-joint.	825,404	July 10	1441	302	123	392
McCarthy, David M., W. R. and N. B. Cain, Port Jervis, N. Y., assignors to Momentum Regulator, Inc. Fire-escape.	820,241	May 8	2472	535	122	613
McCathran, James K., Washington, D. C., assignor to Elliott-Fisher Company, New York, N. Y. Type-writing machine.	838,045	Dec. 11	1525	327-8	125	1778
McCaughy, Bernard, Pawtucket, R. I. Drip-pan.	831,088	Sept. 18	2427	510	124	667
McCauley, Albert B., Denver, Colo. Winding-machine.	811,655	Feb. 6	231	50-1	120	1536
McCauley, Joshua A. (See Gist and McCauley.)						
McCauley, Walter J., Texarkana, Tex. Safety-pocket.	827,258	July 31	5253	1091	123	1392
McCawley, Martin, Millport, N. Y. Rail-tie.	828,499	Aug. 14	1628	344	123	2102
McChesney, Jesse M., Honolulu, Hawaii. Clothes-pin.	823,889	June 19	3316	706	122	2559
McClain, Frederick, Pittsburg, Pa. Banking-book.	827,935	Aug. 7	475	97-8	123	1790
McClain, Thomas J., and R. S. McDaniel, Twist, Tex. Derrick.	816,590	Apr. 3	75	18	121	1372
McClain, William J., Jr., Steel, Ohio. Derrick-turning apparatus.	834,316	Oct. 30	4867	1029	124	2578
McClanahan, Samuel C., assignor of one-half to I. C. Dannelly, Centerville, Tenn. Neck-yoke.	834,317	Oct. 30	4869	1029	124	2578
McClarty, C. C., et al. (See Trabue, William, assignor.)						
McClary, James M., assignor of one-half to H. Cowan, Riceville, Iowa. Machine for handling coins.	826,521	July 17	3733	774-5	123	980
McClave-Brooks Company. (See McClave, William, assignor.)						
McClave, James M., Toronto, Ohio. Hot-blast furnace.	816,877	Apr. 3	655	136	121	1504
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Sectional grate-bar.	812,071	Feb. 6	1075	235	120	1708
McClave, William, assignor to McClave-Brooks Company, Scranton, Pa. Furnace-combustion-chamber structure.	812,072	Feb. 6	1078	235-6	120	1708
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Furnace draft-controller.	812,669	Feb. 13	2304	502-3	120	2033
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Furnace air-feeding mechanism.	819,669	May 1	1244	271-2	122	279
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Stoking-grate mechanism.	831,177	Sept. 18	2574	542-4	124	702
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Grate.	831,178	Sept. 18	2580	544	124	703
McClean Arms and Ordnance Company. (See McClean, Samuel N., assignor.)						
McClean, Samuel N., Cleveland, Ohio. Gun-carriage.	813,106	Feb. 20	3166	692	120	2267
McClean, Samuel N., Washington, Iowa, assignor to McClean Arms and Ordnance Company, Cleveland, Ohio. Automatic gas-operated firearm.	816,591	Apr. 3	76	18-19	121	1373
McClean, Samuel N., assignor to McClean Arms and Ordnance Company, Cleveland, Ohio. Discharge-actuated gun.	827,259	July 31	5254	1091-2	123	1393
McCleary, Alexander, assignor of one-half to F. D. Thompson and W. S. Korfhage, Denver, Colo. Lock.	837,946	Dec. 11	1316	289	125	1725
McCleary, George M., Pitzer, Iowa. Ditching-machine for tile, &c.	831,976	Sept. 25	4195	875	124	1153
McClellan, Benjamin S. (See Hull, Arthur E., assignor.)						
McClellan, J. W., et al. (See Burkins, Eugene, assignor.)						
McClellan, James R., Medina, Wis. Saw rounding and jointing attachment.	813,910	Feb. 27	4775	1054	120	2672
McClelland, Caleb T., assignor of three-fifths to C. S. Reinhart and O. Straub, Olympia, Wash. Chafe-iron.	838,883	Dec. 18	3162	681-2	125	2222
McClellon, James M., Everett, Mass. Boiler construction.	813,986	Feb. 27	4916	1088	120	2700
McClennan, Frederick L., Albany, N. Y. Parcel-rack.	815,201	Mar. 13	2426	506	121	589
McClintock, Edward, Merriam Park, assignor to McClintock Manufacturing Company, St. Paul, Minn. Locomotive-engineer's alarm.	831,025	Sept. 11	2240	473-4	124	591
McClintock, Edward, Merriam Park, assignor to McClintock Manufacturing Company, St. Paul, Minn. Engineer's alarm.	839,505	Dec. 25	4426	945	125	2578
McClintock, Frank, Mount Vernon, assignor to Mergenthaler Linotype Company, New York, N. Y. Type-distributing machine.	834,397	Oct. 30	5033	1066-7	124	2620
McClintock, Frank, Mount Vernon, assignor to Mergenthaler Linotype Company, New York, N. Y. Type-distributing machine.	836,332	Nov. 20	2850	605	125	805
McClintock, Frank, Mount Vernon, N. Y., assignor to Mergenthaler Linotype Company. Type-justifying mechanism.	836,697	Nov. 27	3596	766	125	1017
McClintock, Frank, Mount Vernon, N. Y., assignor to Mergenthaler Linotype Company. Type-setting machine.	836,698	Nov. 27	3597	767	125	1018
McClintock, Frank, Mount Vernon, assignor, by mesne assignments, to A. G. Norrie and W. E. Drummond, New York, N. Y. Machine for justifying type.	839,504	Dec. 25	4420	943-4	125	2576
McClintock Manufacturing Company. (See McClintock, Edward, assignor.)						
McCloskey, Charles, and J. McLaughlin, Sedalia, Mo. Furniture-display rack.	814,980	Mar. 13	1937	407	121	478
McCloskey, John, Boston, Mass. Inkstand.	826,263	July 17	3190	661	123	839
McCloskey, Thomas J., Prairie du Chien, Wis. Combined brush and comb.	828,234	Aug. 7	1066	224	123	1930
McCloud, Edward H., Columbus, Ohio. Roller for fireproof blinds or curtains.	810,966	Jan. 30	4816	1001	120	1206
McCloud, Edward H., Columbus, Ohio. Roller for fireproof blinds or curtains.	810,967	Jan. 30	4816	1001	120	1206
McCloud, William H., Dunkirk, Ohio. Wire-splicing tool.	827,552	July 31	5932	1230	123	1556
McCluer, Charles, El Paso, Ill. Automatic gate.	829,725	Aug. 28	4176	884	123	2817
McClung, Samuel J., Fayette, W. Va. Hasp-fastener.	824,260	June 26	4021	861	122	2768
McClung, William W., Butler, Pa. Switch.	815,202	Mar. 13	2427	506	121	589
McClure, Alonzo B. (See Crow, Elmette C., assignor.)						
McClure, Charles W., Saginaw, Mich. Silo.	814,067	Mar. 6	131	25	121	30
McClure, Edward W. (See Parish and McClure.)						
McClure, Elmer P. (See Buchner and McClure.)						
McClure, George M., Sterling, Kans. Railway-joint.	813,057	Feb. 20	3079	674-5	120	2248
McClure, John C., assignor to Sterling-Meaker Company, Newark, N. J. Double-strap handle.	830,732	Sept. 11	1731	357	124	467

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
McClure, Silas, assignor to Malleable Iron Range Company, Beaver Dam, Wis. Stove draft apparatus.....	839,622	Dec. 25	4644	990	125	2631
McClymonds, L. K. (See Coffey, Barton H., assignor.) (Reissue.)						
McCole, Walter W. (See Lay, Frank R., assignor.)						
McColl, George D. (See Tillou, William H., assignor.)						
McCollum, William J., assignor of one-third to F. E. Low, Paterson, N. J. Call system.....	828,235	Aug. 7	1066	224	123	1930
McCollum, James H. K., Toronto, Canada. Electric controlling device for cars.....	817,264	Apr. 10	1427	300-1	121	1733
McCollum, James H. K., Toronto, Canada. Electric controlling device for cars. (Reissue.)	12,510	July 24	4843	1008-10	123	1272
McCollum, Joseph C., assignor of two-thirds to L. Westenhaver and K. C. Spence, Bloomfield, Mo. Churn.....	816,732	Apr. 3	354	81	121	1438
McCollum, Marquis D. L., Williamsport, Pa. Coal-sifter.....	829,665	Aug. 28	4059	855	123	2787
McCollum, William W., Brierfield, Ala. Balloting-box.....	810,790	Jan. 23	3435	920	120	1090
McCombs, James A., Port Chester, N. Y. Checkrein attachment.....	810,214	Jan. 16	3242	671	120	791
McConihay, Edward M., Lewiston, W. Va. Telegraph-key.....	836,454	Nov. 20	3101	657	125	863
McConnell, Albert N. (See Kilburn and McConnell.)						
McConnell Asbestos & Covering Co. (See McConnell, John A., assignor.)						
McConnell, Henry, Minneapolis, Minn. Culinary vessel.....	816,356	Mar. 27	4838	1025	121	1210
McConnell, John A., Allegheny, assignor to McConnell Asbestos & Covering Co., Pittsburgh, Pa. Apparatus for molding materials which set by the addition of water thereto.....	812,147	Feb. 6	1240	269-70	120	1743
McConnell, John A., Allegheny, assignor to McConnell Asbestos & Covering Co., Pittsburgh, Pa. Apparatus for molding plastic material.....	812,148	Feb. 6	1243	270	120	1744
McConnell, John A., Allegheny, assignor to McConnell Asbestos & Covering Co., Pittsburgh, Pa. Pipe-covering and making same.....	829,483	Aug. 28	3666	774	123	2694
McConnell, John W., Parnassus, Pa. Attachment for ice-cream-freezing machines.....	832,692	Oct. 9	1350	275	124	1580
McConnell, Lewis W., and W. V. Gage, McCook, Nebr. Tooth-brush and dentifrice bracket.....	837,871	Dec. 4	1175	260	125	1646
McConnell, Louis Y., Rochester, assignor to T. Brown, Scottsville, N. Y. Ventilator for windows, doors, &c.....	836,201	Nov. 20	2579	244	125	736
McConnell, William C., Chicago, Ill. Apparatus for applying tie-plates to ties.....	832,332	Oct. 2	636	121	124	1366
McConnell, William C., Chicago, Ill. Apparatus for applying tie-plates to ties.....	832,333	Oct. 2	638	122	124	1366
McConnell, William C., Chicago, Ill. Applying tie-plates to ties.....	832,334	Oct. 2	641	122	124	1367
McConway & Torley Company. (See McConway, William, Jr., assignor.)						
McConway, William, Jr., assignor to McConway & Torley Company, Pittsburgh, Pa. Car-coupling.....	813,107	Feb. 20	3168	692-4	120	2268
McConway, William, Jr., assignor to McConway & Torley Company, Pittsburgh, Pa. Car-coupling.....	821,953	May 29	5948	1267	122	1556
McCord, Alvin C. (See Randel, Ivar A., assignor.)						
McCord, Andrew J., Chattanooga, Tenn. Sash holder and lock.....	818,547	Apr. 24	3999	858	121	2394
McCord & Company. (See Denegre, Edward, assignor.)						
McCord, James R., Jackson, Ga. Damper.....	817,183	Apr. 10	1260	262	121	1699
McCord, Joseph W., et al. (See Cook, David S., assignor.)						
McCormac, Lafayette H., Mallard, Ill. Corn-planter.....	830,517	Sept. 11	1256	260	124	338
McCormack, Harry S., Providence, R. I., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	819,785	May 8	1493	319-20	122	394
McCormack, Harry S., Providence, R. I., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	819,786	May 8	1502	320-1	122	397
McCormack, Harry S., Providence, R. I., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	829,989	Sept. 4	149	25	124	36
McCormack, William A., Bloomington, Ill. Paring device.....	818,276	Apr. 17	3446	741	121	2223
McCormick, C. H., et al. (See Inman, Wesley J., assignor.)						
McCormick, Charles. (See Pring, John R., assignor.)						
McCormick, Charles J., Akron, Ohio. Automatic gas shut-off.....	817,505	Apr. 10	1913	402	121	1836
McCormick, F. J. (See Koepnick, Charles A., assignor.)						
McCormick, John, Northville, S. D. Portable derrick.....	821,954	May 29	5951	1267	122	1556
McCormick, John H., Columbus, Ohio. Brake mechanism.....	836,271	Nov. 20	2728	581	125	776
McCormick, John H., Columbus, Ohio. Draft-gearing.....	838,436	Dec. 11	2320	502	125	1074
McCormick, John H., Columbus, Ohio, and J. D. Morrison, Washington, D. C. Cash register and indicator.....	810,377	Jan. 16	3599	740-2	120	870
McCormick, John H., and J. D. Morrison, assignors, by mesne assignments, to International Register Company, Columbus, Ohio. Cash indicator and recorder.....	810,376	Jan. 16	3586	738-40	120	867
McCormick, Michael, Uniontown, Pa. Damper.....	828,135	Aug. 7	887	183	123	1889
McCormick, Thomas, Somerville, Mass. Pneumatic concrete steel car-bumper.....	821,524	May 22	5097	1086	122	1311
McCormick, Thomas, Mount Pleasant, Pa. Carbureter.....	825,336	July 10	1297	273	123	356
McCormick, Washington, Hillyard, Wash. Tube expanding and beading tool.....	818,843	Apr. 24	4605	988	121	2527
McCormick, Washington, Hillyard, Wash. Flue-cutter.....	833,843	Oct. 23	3731	793	124	2253
McCormick, William F., assignor to International Telephone Manufacturing Company, Chicago, Ill. Telephone-switch.....	820,432	May 15	2855	622	122	756
McCormick, William F., assignor to International Telephone Manufacturing Company, Chicago, Ill. Telephone-switchboard.....	824,431	June 26	4367	929-30	122	2837
McCourt, Newton W., and T. N. Barnsdall, 2nd, Bradford, Pa. Druggist's label-holder.....	810,791	Jan. 23	4436	921	120	1090
McCoy, Alonzo B., Burlington, N. J. Steering device for boats.....	809,072	Jan. 2	881	187	120	195
McCoy, Ernest K., assignor of one-half to J. C. Tyler, Portsmouth, Va. Sanding-tool.....	819,578	May 1	1062	233-4	122	239
McCoy, Harry E. (See Cribbs and McCoy.)						
McCoy, Hollis E. (See Depew and McCoy.)						
McCoy, John E., et al. (See Davis, Stephen G., assignor.)						
McCoy, John H., Harrisville, Pa. Apparatus for building hollow concrete structures.....	837,101	Nov. 27	4427	938	125	1225
McCoy, Josiah R., Marshalltown, Iowa. Earth-chipping machine.....	839,179	Dec. 25	3765	813	125	2418
McCoy, Melvin A., Thomas, Ky. Fence-post.....	837,872	Dec. 4	1176	260	125	1646
McCoy, Robert, New York, N. Y. Level-surfacing machine.....	815,460	Mar. 20	2990	623	121	759
McCoy, Walter E., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Bearing for electrical measuring instruments.....	824,194	June 26	3887	830	122	2739
McCoy, Wilber A., and W. S. Kutscher, Allegheny, Pa. Reflector.....	836,819	Nov. 27	3844	819	125	1085
McCrea, Arthur M., Lamar, Mo. Target-trap.....	824,806	July 3	254	45	123	70
McCready, Andrew J., Parkley, Va. Vine-cutter.....	815,203	Mar. 13	2430	507	121	590
McCready, Charles H., Neodesha, Kans. Machine for turning pipes and other articles.....	823,804	June 19	3159	668	122	2523
McCreary, John S. (See Chase and McCreary.)						
McCreight, Harry, et al. (See Heaton, John S., assignor.)						
McCrory, Henry. (See Humphrey, McCrory, and Saupp.)						
McCrosky, Frederick B., assignor, by mesne assignments, to W. D. Hamaker, Meadville, Pa. Reamer.....	826,109	July 17	2913	604	123	774
McCue, Charles T., Hartford, Conn. Wheel-hub.....	832,148	Oct. 2	263	50	124	1276
McCuen, Robert E., Lexington, Ky. Hinge.....	830,916	Sept. 11	2047	430-1	124	545
McCullough, Andrew W., Homer City, Pa. Calendar for watchcases.....	836,598	Nov. 20	3355	715	125	926
McCullough, C. E. (See Nicholas, James A., assignor.)						
McCullough, John, Newark, N. J. Switching device for electric lamps.....	817,146	Apr. 3	1173	242	121	1620

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
McCullough, Ophelia. (See Schrader and McCullough.)						
McCullough, William O., Chicago, Ill. Pressure-regulator.	833,079	Oct. 9	2121	447	124	1765
McCully, John J., Mexico, Mo. Mine-car wheel.	818,108	Apr. 17	3098	668	121	2148
McCune, Frank, Pittsburg, Pa. Sheet-steel railway tie and rail brace.	815,972	Mar. 27	4027	852	121	1033
McCune, James L. (See Sober and Brown, assignors.)						
McCune, John, <i>et al.</i> (See Duff, Hugh Y. B., assignor.)						
McCune, Samuel A., New Waterford, Ohio. Weeder-tooth.	811,517	Jan. 30	5847	1224	120	1425
McCurdy, Arthur W., Toronto, Canada, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developing apparatus.	823,623	June 19	2814	597	122	2447
McCurdy, Arthur W., Baddeck, Canada, assignor to Eastman Kodak Company, Rochester, N. Y. Film-cartridge.	823,624	June 19	2818	597	122	2447
McCurdy, Charles M. (See Knopf, Albert H., assignor.)						
McCurdy, Oscar S., Wilkinsburg, Pa. Heating apparatus.	809,207	Jan. 2	1150	239	120	253
McCurdy, S. S. (See Prescott, Charles H., assignor.)						
McCurdy, William D., Dennison, Ohio. Rail-joint.	827,111	July 31	4938	1031	123	1310
McCusker, Bernard. (See Closson, John M., assignor.)						
McDaid, Martin, Edinburgh, Scotland. Machine for winding the cores of golf-balls.	838,202	Dec. 11	1866	400	125	1864
McDaniel, Henry B. (See Awtry, Edmund L., assignor.)						
McDaniel, John H., St. Louis, Mo. Refrigerator.	838,437	Dec. 11	2320	502-3	125	1974
McDaniel, Robert S. (See McClain and McDaniel.)						
McDaniel, Samuel H. (See Graves and McDaniel.)						
McDaniel, William A., Fort Wayne, Ind., assignor of one-half to C. I. Curry, Otsego, Mich. Shoe-lace-securing device.	837,331	Dec. 4	107	29	125	1381
McDermott, Charles H., Eveleth, Minn. Railway-ticket.	829,797	Aug. 28	4334	916	123	2858
McDermott, James, and J. C. McBean, Chicago, Ill. Soft-tread horseshoe.	821,817	May 29	5694	1213	122	1501
McDermott, Joseph F., Umatilla, Canada. Delivery-spout.	811,240	Jan. 30	5346	1117	120	1321
McDermott, William T., and W. F. Betzel, Baltimore, Md. Pulley-mounting.	809,390	Jan. 9	1591	323	120	383
McDiarmid, Donald G., Chicago, Ill. Vehicle-seat.	820,008	May 8	2005	440	122	509
McDonagh, Thomas J., assignor of two-thirds to E. Morris and J. M. Mann, Seattle, Wash. Rug-fastener.	831,179	Sept. 18	2584	545	124	704
McDonald, Charles, Boston, Mass. Baby-gate.	832,335	Oct. 2	643	122	124	1367
McDonald, Charles B., Chicago, Ill. Can-testing machine.	812,224	Feb. 13	1440	314-15	120	1854
McDonald, Charles B. and C. D., assignors to McDonald Machine Company, Chicago, Ill. Can-soldering machine.	834,009	Oct. 23	4337	922-3	124	2398
McDonald, Charles D. (See McDonald, Charles B. and C. D.)						
McDonald, Charles E., Butte, Mont. Railway-switch.	831,370	Sept. 18	2957	627	124	798
McDonald, David F., Lake Butler, Fla. Brick-machine.	832,404	Oct. 2	775	150	124	1399
McDonald, Donald, Crystal, N. D. Belt-shifter.	823,352	June 12	2276	476	122	2273
McDonald, Donald, Louisville, Ky. Coke-quenching apparatus.	832,693	Oct. 9	1362	275	124	1580
McDonald, Donald, and L. M. Seofield, Albany, assignors to American Meter Company, New York, N. Y. Station-meter index.	809,127	Jan. 2	1003	207	120	221
McDonald, Duncan, Cape North, Canada. Horse-hoof cutter.	816,733	Apr. 3	355	81	121	1438
McDonald, Elijah D., Los Angeles, Cal. Self-lubricating wheel.	832,994	Oct. 9	1959	409	124	1723
McDonald, Elijah D., Los Angeles, Cal. Trolley.	833,080	Oct. 9	2123	447	124	1766
McDonald, Frank, Roaring Spring, Pa. Electrolytic apparatus.	814,864	Mar. 13	1726	362	121	435
McDonald, Hallock R., Lisbon, Ohio. Holdback for harness.	829,888	Aug. 28	4508	951	123	2900
McDonald, Harry W., Chicago, Ill. Communication-sheet.	830,354	Sept. 4	911	188-9	124	225
McDonald, Harvey A., <i>et al.</i> (See Garrard, William D., assignor.)						
McDonald, Howard C., Buffalo, N. Y. Towel holder or cabinet.	828,566	Aug. 14	1765	371	123	2138
McDonald, James S., assignor to J. S. McDonald Company, Chicago, Ill. Loose-leaf binder.	827,461	July 31	5701	1180	123	1502
McDonald, John, Blair township, Washington county, Nebr. Toe or grouser attachment for traction-wheels.	813,571	Feb. 27	4117	902	120	2530
McDonald, John I., St. Joseph, Mo. Pavement.	814,797	Mar. 13	1617	339	121	412
McDonald, Joseph H., New York, N. Y. Apparatus for purifying water.	816,357	Mar. 27	4839	1026	121	1210
McDonald, Joseph J., Sylacauga, Ala. Cutting garments from tubular fabrics.	826,683	July 24	4984	848	123	1086
McDonald, Joseph P., Philadelphia, Pa. Postage-stamp-book cabinet.	812,073	Feb. 6	1082	236	120	1709
McDonald Machine Company. (See McDonald, Charles B. and C. D., assignors.)						
McDonald, Peter, assignor of one-half to J. P. Hughes, Spokane, Wash. Manually-operated log-sawing machine.	838,438	Dec. 11	2322	503	125	1974
McDonald, Reynolds, St. Louis, Mo. Combined plumb-bob and rule.	821,371	May 22	4797	1019	122	1247
McDonald, Robert A., Pittsburg, Pa. Protecting crucibles.	828,954	Aug. 21	2525	123	123	2361
McDonald, Ronald D. (See Ivey and McDonald.)						
McDonald, Wallace, Grass Valley, Cal. Tappet for stamping-mills.	824,572	June 26	4649	989	122	2901
McDonald, William E., Tusculumbia, Mo. Car-coupling.	817,088	Apr. 3	1059	220	121	1593
McDonald, William H., assignor of one-half to J. W. A. Davis, Talmo, Ga. Plow.	827,650	July 31	6132	1274	123	1610
McDonell, Alexander D., assignor of one-half to L. W. Gibson, Medford, Wis. Logging-sled.	821,728	May 29	5516	1176	122	1459
McDonnell, Alice C., assignor to N. Fairweather, Evanston, Ill. Skirt-marker.	828,955	Aug. 21	2526	535	123	2361
McDonnell, George P., St. Louis, Mo., assignor to American Electric Company, East Orange, N. J. Machine for securing filament-holders into the globes of incandescent lamps.	829,538	Aug. 28	3788	804-5	123	2723
McDonnell, George P., St. Louis, Mo., assignor to American Electric Company, East Orange, N. J. Finishing electric-lamp bulbs.	829,539	Aug. 28	3790	805	123	2724
McDonnell, George P., St. Louis, Mo., assignor to American Electric Company, East Orange, N. J. Incandescent electric lamp.	834,990	Nov. 6	221	48	125	58
McDonnell, George P., St. Louis, Mo., assignor to American Electric Company, East Orange, N. J. Electric switch.	837,634	Dec. 4	711	163	125	1531
McDonnell, George P., St. Louis, Mo., assignor to American Electric Company, East Orange, N. J. Bell-ringing circuit.	837,635	Dec. 4	712	163	125	1531
McDonnell, George P., St. Louis, Mo., assignor to American Electric Company, East Orange, N. J. Bell-ringing circuit.	837,636	Dec. 4	713	164	125	1532
McDonnell, Harry F., Latrobe, Pa. Cabinet.	812,074	Feb. 6	1082	236-7	120	1709
McDonnell, John J. (See Toole and McDonnell.)						
McDonnell, Murdoch H., Crystal Falls, Mich. Ice-tongs.	837,873	Dec. 4	1177	260	125	1646
McDonnell, Patrick E., Sr., Chicago, Ill. Lowering river-tunnels.	817,657	Apr. 10	2183	464	121	1891
McDonnell, Thomas F. (See Blitsch and McDonnell.)						
McDonner, Charley, assignor of two-thirds to J. J. Roemer and C. Ahlgrim, Manitowoc, Wis. Refrigerator.	810,499	Jan. 23	3883	798	120	970
McDonough, Francis T., Eau Claire, Wis. Lead-adjusting mechanism for band-saw guides.	833,690	Oct. 16	3396	723	124	2123
McDonough, James H., <i>et al.</i> (See Monroe, Simon E., assignor.)						
McDougall, Alexander, Duluth, Minn. Apparatus for moving and mining material of a granular and comminuted nature.	821,372	May 22	4798	1019-20	122	1247
McDougall, Alexander, Duluth, Minn. Ore-cleaner.	822,753	June 5	1043	214	122	1957
McDougall, Alexander, Duluth, Minn. Mining apparatus.	823,960	June 19	3452	738	122	2589

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
McDougall, Alexander, Duluth, Minn. Mining apparatus.	823,961	June 19	3455	738-9	122	2589
McDougall, Charles G. (See McDougall, William J. and C. G.)						
McDougall, Charles P. (See Horner, William C., assignor.)						
McDougall, William J. and C. G., Danforth, Ill. Device for holding wheels upon axles.	839,623	Dec. 25	4646	990	125	2632
McDowell, John G., <i>et al.</i> (See Hollman, Arthur L., assignor.)						
McDowell, John W., St. Louis, Mo. Combined water-bag, syringe, and colonic irrigator.	837,947	Dec. 11	1317	289	125	1723
McDowell, William C., Beaver, Pa. Game apparatus.	815,204	Mar. 13	2432	507	121	590
McDowell, Willis H., Auburn, Ind. Molding apparatus.	813,572	Feb. 27	4118	902	120	2531
McDowell, Willis H., Auburn, Ind. Machine for manufacturing concrete building-blocks.	813,573	Feb. 27	4119	902-3	120	2531
McEachern, Dougald, Erie, Canada, assignor of one-half to J. L. Kane, Marble, Wash. Blasting-cap.	829,595	Aug. 28	3903	827	123	2753
McEachern, John D., Memphis, Tenn. Railway-station indicator.	826,264	July 17	3192	661	123	840
McEachren, John D., Galt, Canada. Steam-heater.	819,911	May 8	1745	375	122	454
McElhenie, Thomas J., Montpelier, Ohio. Display-rack.	833,619	Oct. 16	3256	693	124	2092
McElhenny, James J., Philadelphia, Pa. Overshoe for horses.	814,914	Mar. 13	1812	379	121	453
McElherron, Thomas J., Alton, Ill., assignor to Salem Glass Works, Salem, N. J. Apparatus for manufacturing glassware.	822,623	June 5	793	161	122	1902
McElroy, James F. (See Scales and McElroy.)						
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Electrical switch.	816,028	Mar. 27	4150	878	121	1062
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Hose-coupling.	816,029	Mar. 27	4151	879	121	1062
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Dynamic trap or drain valve.	816,245	Mar. 27	4579	974	121	1153
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Engineer's valve.	821,818	May 29	5694	1213-14	122	1501
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Hose-coupling.	824,670	June 26	4836	1032	122	2942
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Current-director.	825,859	July 10	2415	504	123	635
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Valve.	828,236	Aug. 7	1071	225	123	1931
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Ventilated armature.	831,625	Sept. 25	3463	728	124	963
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Hot-water heating apparatus.	831,735	Sept. 25	3707	776	124	1032
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Thermo-float trap.	834,991	Nov. 6	222	48	125	59
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Plural-coil electric heater.	838,884	Dec. 18	3163	682	125	2223
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Alternating-current heater.	838,885	Dec. 18	3165	682	125	2223
McElroy, John F., assignor to Pyramid Post & Pole Company, Cedar Rapids, Iowa. Cement fence-post.	836,128	Nov. 20	2429	513	125	700
McElroy, John H., Chicago, Ill. Locked-seam-can-body machine.	812,285	Feb. 13	1569	343-5	120	1883
McElroy, John H., Chicago, Ill. Locked-seam-can-body machine.	818,109	Apr. 17	3099	668-9	121	2148
McElroy, John H., Chicago, Ill. Can-making machinery.	818,110	Apr. 17	3106	669-71	121	2150
McElroy, John H., Chicago, Ill. Mechanical movement.	830,162	Sept. 4	523	106-7	124	132
McElroy, Josephine D., Leavenworth, Kans. Dish-washing machine.	811,735	Feb. 6	374	82	120	1568
McElroy, Patrick J., Cambridge, and W. A. Randall, Swampscott, Mass. Aseptic syringe.	827,383	July 31	5498	1143	123	1450
McElroy, William J., assignor to W. W. McElroy, Buffalo, N. Y. Drying apparatus.	832,874	Oct. 9	1735	358	124	1670
McElroy, Wilman W. (See McElroy, William J., assignor.)						
McElvain, Fred B., Allendale, Mo. Car-door hanger.	815,461	Mar. 20	2992	623	121	759
McElvaney, Charles T., Denison, Tex. Piston-rod connection.	818,277	Apr. 17	3448	741	121	2224
McEntee, Thomas T., Steelton, Pa. Lock for window-sash.	823,070	June 12	1680	347	122	2142
McEntire, William J., Newman, Cal. Disk cultivator.	838,264	Dec. 11	2003	429	125	1895
McEvers, Louis V., La Salle, N. Y. Potato-planter.	836,129	Nov. 20	2431	513	125	701
McEvoy, James E. (See Wilson, George W., assignor.)						
McEvoy, Joseph H., Houston, Tex. Well-strainer.	828,956	Aug. 21	2527	536	123	2361
McEvoy, Nicholas J. (See Wallerstedt and McEvoy.)						
McEwen, John, Bradford, Pa. Attachment for pump-pistons.	818,636	Apr. 24	4178	899	121	2434
McEwing, Duncan S., Chicago, Ill. Sleeping-car.	835,799	Nov. 13	1808	383-4	125	500
McFadden, Winning P., assignor of two-thirds to I. and F. E. Miller, Silver Hill, W. Va. Safety-stirrup.	828,237	Aug. 7	1072	225	123	1932
McFarland, Benjamin F., and C. E. Crosby, Indianapolis, Ind. Mechanical advertiser.	823,187	June 12	1935	399-400	122	2199
McFarland, Charles N., assignor, by mesne assignments, to Burroughs Adding Machine Company, Detroit, Mich. Adding-machine.	836,130	Nov. 20	2434	513-14	125	701
McFarland, George W., Dayton, Ohio. Window-screen.	823,737	June 19	3029	640	122	2493
McFarlane, George C., Bay City, Mich. Meridian-transfer apparatus.	812,557	Feb. 13	2163	473-4	120	2007
McFarlane, James H., East Devonport, Tasmania, Australia. Side-lever pedal-gear for cycles.	832,497	Oct. 2	962	191	124	1443
McFarlane, James L., assignor of one-half to J. M. Frazier, Georgetown, Ill. Vehicle-axle.	820,433	May 15	2858	622	122	756
McFatrige, Charley M., Moravia, Iowa. Railway-crossing.	834,158	Oct. 23	4542	963	124	2452
McFeaters, George H., Johnstown, Pa., assignor to Lorain Steel Company. Surface-contact electric railway.	808,773	Jan. 2	303	65	120	69
McFell, Judson, Chicago, Ill. Fire-alarm system.	828,420	Aug. 14	1464	309	123	2060
McFerson, Perry, Revere, Mo. Disk breaking-plow.	820,242	May 8	2474	535	122	613
McFetridge, George A., Norwalk, Conn. Hydraulic power-generating apparatus.	835,310	Nov. 6	869	134	125	220
McGaff, John, Toledo, Ohio. Rotary heating-furnace.	827,813	Aug. 7	250	50	123	1733
McGahan, Alexander W., and O. K. Ascher, Los Angeles, Cal. Pipe-vise.	814,228	Mar. 6	438	90	121	95
McGahan, Fred L. (See Flager and McGahan.)						
McGahan, Fred L., and E. G. Flager, St. Louis, Mo., assignors to National Light, Heat & Power Company. Hydrocarbon-burner.	824,432	June 26	4372	930	122	2838
McGahan, Frederick L., St. Louis, Mo. Smelting-furnace.	834,747	Oct. 30	5696	1209-10	124	2788
McGahan, Frederick L., and E. G. Flager, St. Louis, Mo.; said Flager assignor to said McGahan. Fluid-fuel burner.	811,078	Jan. 30	5005	1045-6	120	1247
McGall, William J., West Orange, and J. G. Crowell, Orange, N. J. Hat-brim-ironing machine.	826,347	July 17	3349	693	123	879
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Adjustable horseshoe-calk.	817,578	Apr. 10	2052	432	121	1863
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Adjustable horseshoe-calk.	817,579	Apr. 10	2054	432	121	1864
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Detachable heel-calk for horseshoes.	817,580	Apr. 10	2056	433	121	1864

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drawg.	Vol.	Page.
McGann, Thomas W. J., assignor of one-half to A. Collins Washington, D. C. Detachable heel-calk for horseshoes.	817,581	Apr. 10	2057	433	121	1864
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Detachable heel-calk for horseshoes.	817,582	Apr. 10	2058	433	121	1865
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Detachable heel-calk for composite rubber-pad horseshoes.	817,583	Apr. 10	2059	433	121	1865
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Detachable calk for rubber-pad horseshoes.	817,584	Apr. 10	2061	434	121	1865
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Detachable heel-calk for horseshoes.	817,585	Apr. 10	2062	434	121	1866
McGann, Thomas W. J., assignor of one-half to A. Collins, Washington, D. C. Detachable calk for horseshoes.	817,586	Apr. 10	2063	434	121	1866
McGarry, John J., assignor to E. Resch, Redfern, New South Wales, Australia. Bottle-clip.	816,244	Mar. 27	4578	974	121	1153
McGarvey, Edward, Youngstown, Ohio. Mechanical recording-scale.	812,285	Feb. 13	1576	345-6	120	1885
McGarvey, Edward, Youngstown, Ohio. Vibro-meter.	834,926	Nov. 6	98	19	125	28
McGarvey, Edward, Bellefonte, Pa. Frequency-meter.	831,180	Sept. 18	2585	545-6	124	704
McGeary, Albert M., Canon City, Colo. Horse-controlling attachment for vehicles.	814,915	Mar. 13	1813	379	121	454
McGee, James W., assignor of one-half to W. F. Hanby, Bessemer, Ala. Brake-beam fulcrum.	814,865	Mar. 13	1727	362	121	435
McGee, William G., Honea Path, S. C. Spring-motor.	839,781	Dec. 25	4983	1064	125	2714
McGee, William J. (See Orr and McGee.)						
McGhee, John W., assignor of one-half to R. J. Hotaling and J. J. Bernard, St. Louis, Mo. Elevator-hatchway closure.	823,479	June 12	2518	528	122	2324
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Base for log-loaders.	822,010	May 29	6047	1289	122	1579
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Log-loading machine.	833,748	Oct. 23	3500	746	124	2196
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Portable log-loader.	833,794	Oct. 23	3599	770	124	2219
McGill, George W., Riverdale-on-the-Hudson, N. Y. Wire spring-clip.	818,904	Apr. 24	4709	1010	121	2549
McGill, George W., Riverdale-on-the-Hudson, N. Y. Wire spring-clip.	818,905	Apr. 24	4712	1011	121	2550
McGill, Henry, South Hadley Falls, Mass. Paper engine or beater.	838,265	Dec. 11	2004	429	125	1895
McGill, John J., assignor of one-half to F. J. Guernsey, Chicago, Ill. Third-rail insulator.	829,416	Aug. 28	3491	734	123	2650
McGill, Sydney A., Bowen, Ill. Concrete-mixer.	838,439	Dec. 11	2324	503	125	1975
McGillis, James, Chippewa Falls, Wis. Sled-propeller.	827,462	July 31	5703	1180	123	1502
McGillivray, Angus, and E. Frye, Quincy, Mass. Anchor or stay for poles, derricks, &c.	814,229	Mar. 6	440	91	121	95
McGinity, Cornelius V., Brooklyn, N. Y. Sash-lock.	825,475	July 10	1613	336	123	438
McGinn, Michael J., Proctor, Minn. Wrench.	817,506	Apr. 10	1914	402	121	1836
McGinn, Thomas F. (See Buckley, McGinn, and Rogan.)						
McGinnis, Claude A., Atlanta, Ga. Metallic window.	818,703	Apr. 24	4319	926-7	121	2465
McGinnis, Frank A., Detroit, Mich. Device for storing memoranda.	839,180	Dec. 25	3769	813	125	2419
McGinnis, Philip, London, Canada. Window.	821,665	May 29	5376	1146	122	1428
McGinnity, Joseph P., New York, N. Y., and E. H. Winkler, Krebs, Ind. Ter. Combination-tool.	820,814	May 15	3619	773	122	926
McGlone, Daniel, Far Rockaway, N. Y. Key-box for fire-alarms.	816,932	Apr. 3	771	158	121	1530
McGlynn, Peter T. (See MacIndoe and McGlynn.)						
McGonagle, Arthur, East Orange, N. J. Relief-valve for heating systems.	823,805	June 19	3160	668	122	2524
McGonigle, William J. (See Clark, Absalom F., assignor.)						
McGough, William C., Wilmerding, Pa. Invalid-bed.	836,397	Nov. 20	2979	631	125	834
McGowan, John W., Cincinnati, Ohio. Bottle.	821,114	May 22	4279	910	122	1130
McGowan, Michael, New York, N. Y. Railway signaling device.	832,995	Oct. 9	1962	410	124	1724
McGowan, Michael J., Jr., Newark, N. J. Fire-alarm signal-box.	817,437	Apr. 10	1772	372	121	1806
McGowan, Michael J., Jr., Newark, N. J. Outlet-box.	838,886	Dec. 18	3166	682	125	2224
McGowan, Scott. (See Kyser and McGowan.)						
McGowen, Alfred B. (See Provost, Camille, assignor.)						
McGowen, William R., Knoxville, assignor of one-half to A. I. Kelley, Bushnell, Ill. Line-guide.	817,723	Apr. 10	2299	495	121	1918
McGown, Samuel F., Dial, Ky. Grub-puller.	809,972	Jan. 16	2730	562	120	684
McGrady, James, Saginaw, Mich. Artificial limb.	832,270	Oct. 2	515	97	124	1338
McGrain, John W., Newark, N. J. Slat-lock for blinds.	837,419	Dec. 4	282	69	125	1427
McGranahan, Samuel Davenport, Iowa. Washing-machine.	837,874	Dec. 4	1177	261	125	1647
McGranighan, John, Roxboro, Pa. Pile-tube.	810,551	Jan. 23	3989	821	120	992
McGranighan, Patrick, Granite, Va. Submarine filter.	819,579	May 1	1063	234	122	239
McGrann, John, et al. (See Beck, William, assignor.)						
McGrath, J. W., et al. (See Hoskins, Zachary T., assignor.)						
McGrath, M. D., et al. (See Hoskins, Zachary T., assignor.)						
McGrath, Maurice K., assignor to Western Electric Company, Chicago, Ill. Condenser and making same.	825,405	July 10	1442	302	123	392
McGrath, Maurice K., assignor to Western Electric Company, Chicago, Ill. Polarized-magnet device.	825,406	July 10	1443	303	123	393
McGrath, Patrick H., Wollaston, Mass. Hinge.	822,636	June 5	925	188	122	1934
McGrath, William, et al. (See Clifford, Thomas G., assignor.)						
McGraw, William E., and A. M. Goodale, Denver, Colo. Puzzle.	822,862	June 5	1249	257	122	2000
McGregor, Archibald, Geraldton, assignor of three-fourths to J. N. Parkes, J. K. Mehan, Townsville, and T. F. Macdonald, Geraldton, Queensland, Australia. Diving-dress.	827,029	July 24	4735	988	123	1246
McGregor, John M. D., Ailey, Ga. Leaf-holder for use in transferring entries.	809,128	Jan. 2	1007	208	120	222
McGregor, William A. (See Evans and Gahan, assignors.)						
McGrew, John A., Columbus, Ohio. Grab-bucket.	831,089	Sept. 18	2428	510-11	124	667
McGrew, William W., Phoenix, N. D. Axle.	836,131	Nov. 20	2445	514	125	705
McGuigan, John, and A. Priddle, San Francisco, Cal. Vault-light.	816,115	Mar. 27	4336	918	121	1102
McGuinness, Benjamin F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom-shuttle binder holding device.	819,912	May 8	1746	375-6	122	454
McGuire, Eugene J. (See Gambee, William Y., assignor.)						
McGuire-Cummings Manufacturing Company. (See Lennox, Talbot, assignor.)						
McGuire, Edward L. (See McGuire, Frank J. and E. L.)						
McGuire, Frank J., Long Eddy, and E. L. McGuire, Hankins, N. Y. Track-fastening.	838,738	Dec. 18	2892	622	125	2157
McGuire, George H., Dahlonga, Ga. Cotton chopper and cultivator.	820,886	May 15	3790	808-9	122	962
McGuire, Hugh E. (See Miller, Harold A., assignor.)						
McGuire, John, Melbourne, Victoria, Australia. Cooking-oven.	834,159	Oct. 23	4542	964	124	2453
McGuire, John W., Joliette, N. D., assignor of one-half to G. F. Ogg, Minneapolis, Minn., and D. Dow, Grand Forks, N. D. Motor-plow.	820,887	May 15	3793	809-10	122	963
McGuire Manufacturing Company. (See Hall, Joseph B., assignor.)						
McGuire, Michael G., Chicago, Ill. Umbrella.	808,863	Jan. 2	459	101	120	102
McGuire, Squire D., Arkoe, Mo., assignor of one-half to J. C. Hocker, San Diego, Cal. Cultivator.	836,455	Nov. 20	3103	658	125	863

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr't.	Vol.	Page.
McGuire, Thomas A., Oakland, Ill. Dressing-booth.....	813,661	Feb. 27	4282	942	120	2566
McGuire, William J., assignor of one-half to J. E. Pilliod, Toledo, Ohio. Nut-lock.....	833,409	Oct. 16	2820	597	124	1989
McGurrian, Frank E., Salt Lake City, Utah. Garbage-burner.....	835,311	Nov. 6	872	184-5	125	221
McHarg, Arthur V. A., Edgewater, N. J. Safety apparatus for elevators.....	825,337	July 10	1299	273	123	357
McHarg, Leslie, New York, N. Y. Multiple-speed railway.....	830,733	Sept. 11	1732	358	124	467
McHenry, Earl O. (See Noble and McHenry.)						
McHenry, Grant, Mount Liberty, Ohio. Vehicle running-gear.....	811,944	Feb. 6	820	179-80	120	1656
McHenry, Grant, Mount Liberty, Ohio. Rail-joint.....	831,458	Sept. 18	3117	660	124	839
McHenry, Samuel B., Chicago, Ill. Brush.....	832,498	Oct. 2	962	191	124	1443
McHorney, Benjamine F., and E. J. Kelley, Norfolk, Va. Boat holding-down and detach- ing device.....	819,022	Apr. 24	4937	1059	121	2600
McHugh, Dora O., Lorain, Ohio. Clasp.....	833,539	Oct. 16	3087	655	124	2051
McHugh, William J., Dana, Iowa. Drain-tile protector.....	813,016	Feb. 20	2985	657	120	2226
McIlvaine, John W., Canyoncreek, Mont. Vehicle-brake.....	814,553	Mar. 6	1124	234	121	244
McIlvaine, Robert W., Western Springs, Ill. Trolley-track switch.....	834,483	Oct. 30	5187	1102	124	2059
McIlvrid, William, assignor to Cockburn Barrow and Machine Company, Jersey City, N. J. Air-lock for caissons.....	810,298	Jan. 16	3431	708	120	832
McIndoe, James W., Dorchester, assignor of one-half to A. E. Whitney, Winchester, Mass. Forming printing-cylinders.....	837,102	Nov. 27	4429	939	125	1226
McIntire, Clarence E., Belfast, Me. Roller-bushing.....	829,223	Aug. 21	3103	652	123	2509
McIntire, Dewitt C., Bradford, Pa. Pumping apparatus.....	828,624	Aug. 14	1872	394	123	2165
McIntire, Jacob N., New York, N. Y., assignor to Brunswick-Balke-Collender Company. Combined sofa or settee and pool or billiard table.....	831,293	Sept. 18	2814	593-4	124	763
McIntosh, Angus A., Alexandria, Ontario, Canada. Releasing block or hook.....	837,948	Dec. 11	1319	289	125	1725
McIntosh, Bruce, Warren, Pa. Railway-switch-operating mechanism.....	839,407	Dec. 25	4213	902	125	2525
McIntosh, Douglas, New Glasgow, assignor to F. Johnson, Montreal, Canada. Target- illuminating device for firearms.....	829,726	Aug. 28	4177	884	123	2817
McIntosh, Frederic W., Montesano, Wash. Crosscut-saw.....	836,048	Nov. 13	2235	478	125	601
McIntosh, Frederick F., et al. (See Russ, John D., assignor.)						
McIntosh, Hugh. (See Carbaugh, George W., assignor.)						
McIntosh, James, Lansing, Mich. Carbureter.....	810,792	Jan. 23	4439	921	120	1091
McIntosh, Josephine M., Providence, R. I. Tobacco-stripping machine.....	809,724	Jan. 9	2251	467-8	120	527
McIntosh, Ross S., Buffalo, N. Y., assignor to Liberty Manufacturing Company, Pitts- burg, Pa. Rotary engine.....	813,815	Feb. 27	4566	1010	120	2626
McIntosh, William, Wilmington, Ill. Horseshoe-conformator.....	839,181	Dec. 25	3771	813	125	2419
McIntyre, Frank, assignor to Eagle Pencil Company, New York, N. Y. Pencil-tip.....	813,108	Feb. 20	3173	694	120	2269
McIntyre, Frank, assignor to Eagle Pencil Company, New York, N. Y. Eraser-tip for lead-pencils, penholders, pencil-point protectors, and the like.....	824,375	June 26	4242	904	122	2813
McIntyre, Frank, assignor to T. H. Joseph and J. J. Ehrenreich, New York, N. Y. Elec- tric-lamp-shade holder.....	822,219	May 29	6450	1370	122	1671
McIntyre, Fred. (See De Long, Charles E., assignor.)						
McIntyre, George T., Riverside, Cal. Apparatus for molding plastics.....	817,383	Apr. 10	1648	349-50	121	1780
McIntyre, James, Edmonton, Canada. Folding scaffold-bracket.....	809,973	Jan. 16	2731	562	120	685
McIntyre, James P., Chicago Lawn, Ill. Feed-box.....	811,573	Feb. 6	78	15	120	1502
McIntyre, John J., Hartford, Conn. Vehicle-wheel.....	837,709	Dec. 4	874	197	125	1572
McIntyre, John P. (See Downey, William H. J., assignor.)						
McIntyre, Robert D., assignor of one-half to S. Harter, Mansfield, Ohio. Incandescent- light hanger.....	812,355	Feb. 13	1692	372	120	1911
McIntyre, William, Kansas City, assignor of one-half to W. T. Cleary, St. Louis, Mo. Condenser and water-purifier.....	824,880	July 3	403	77	123	110
McIntyre, William J., Hartford, Conn. Tool for marking and incising hinge-butt re- cesses.....	813,319	Feb. 20	3597	790-1	120	2356
McKay, Charles H., Fitchburg, Mass. Air-cooler for motor-cylinders.....	832,803	Oct. 9	1588	325	124	1633
McKay, George D. (See Clark, James T., assignor.)						
McKay, Isaac M., Fruitvale, Cal. Stone-saw.....	824,946	July 3	539	106	123	144
McKay, James, Gilman, Iowa. Pump-rod balance.....	817,794	Apr. 17	2481	530	121	2013
McKay, John, Newport News, Va. Metal-bending machine.....	827,553	July 31	5934	1230	123	1556
McKay, Peter, assignor of one-half to W. Hill and W. Harrison, Day Dawn, Western Australia, Australia. Drill-chuck.....	838,638	Dec. 18	2717	582	125	2114
McKay, Walter E., Leland, Idaho. Brake.....	833,844	Oct. 23	3732	793	124	2253
McKean, James. (See Gribbon, John S., assignor.)						
McKean, John O., Westfield, Mass. Winding-machine.....	829,886	Aug. 28	4511	951-2	123	2900
McKean, John O., Westfield, Mass., assignor to Foster Machine Company. Winding- machine.....	831,564	Sept. 25	3346	702-3	124	933
McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Tension device for winding-machines.....	838,046	Dec. 11	1527	328	125	1778
McKechnie, Joseph F., Eleele, Hawaii. Tie-bar.....	835,456	Nov. 6	1163	251	125	292
McKee, Austin C., Salem, Mo. Crate.....	830,096	Sept. 4	374	75-6	124	91
McKee, Charles E., et al. (See Hart, Sidney J., assignor.)						
McKee, Charles W., and H. Finkbeiner, Philadelphia, Pa. Portable step-rail.....	838,266	Dec. 11	2005	430	125	1895
McKee, Edwin F., and E. Oftedahl, St. Louis, Mo., assignors to Standard Optical Com- pany, Geneva, N. Y. Mounting for eyeglasses.....	836,599	Nov. 20	3356	715	125	926
McKee, Jacob R., Mount Calm, Tex. Cotton-chopper.....	814,916	Mar. 13	1815	380	121	454
McKee, Robert A., assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-tur- bine packing.....	815,973	Mar. 27	4027	853	121	1033
McKee, Thomas M., assignor of one-half to J. W. Comstock, Greenfield, Ind. Extension- table.....	822,901	June 5	1330	275	122	2016
McKee, Warner W., Belleville, N. J. Spring-wheel.....	817,265	Apr. 10	1434	302	121	1734
McKee, Willis, Elyria, Ohio. Machine for manufacturing tie-plates.....	817,795	Apr. 17	2482	530-1	121	2013
McKee, Willis, assignor to Elyria Iron & Steel Company, Elyria, Ohio. Pipe-forming apparatus.....	829,990	Sept. 4	151	25	124	37
McKeen, Charles W., Richards, Okla. Ter. Stock-car.....	823,890	June 19	3317	706	122	2559
McKeen, Benjamin and G. Peabody, Mass. Glazing or rolling machine.....	817,507	Apr. 10	1915	403	121	1836
McKeen, Gordon. (See McKeen, Benjamin and G.)						
McKeen, William R., Jr., Omaha, Nebr. Car-frame.....	809,317	Jan. 9	1428	289	120	348
McKeen, William R., Jr., Omaha, Nebr. Truss frame for cars.....	809,974	Jan. 16	2732	562-3	120	685
McKeen, William R., Jr., Omaha, Nebr. Heating and ventilating system.....	817,658	Apr. 10	2186	464-5	121	1892
McKeen, William R., Jr., Omaha, Nebr. Weed-cutter.....	830,163	Sept. 4	526	107	124	133
McKeen, William R., Jr., and A. H. Fetter, Omaha, Nebr. Vegetation-destroyer.....	810,793	Jan. 23	4442	921-2	120	1002
McKelvey, David, New York, N. Y. Amalgamator.....	835,457	Nov. 6	1164	251-2	125	292
McKelvey, William W. (See Sherman and McKelvey.)						
McKendrick, Robert. (See Austin and McKendrick.)						
McKenna, Alexander G. (See Wheeler and McKenna.)						
McKenna, Charles E., Albany, N. Y. Glass-protector for faucets.....	820,517	May 15	3043	655	122	799
McKenna, Edward, et al. (See Landau, Dewis, assignor.)						
McKenna, Edward D., Brooklyn, N. Y. Holder for sales-checks.....	828,044	Aug. 7	705	146	123	1845

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
McKenna, James P., Brooklyn, N. Y. Fire-escape.	815,030	Mar. 13	2069	434	121	506
McKenzie, Alpine, Evangeline, La. Combined hair-brush and comb.	812,766	Feb. 13	2490	547	120	2071
McKenzie, Alpine, Evangeline, La. Door-check.	834,398	Oct. 30	5041	1067	124	2621
McKenzie, Angus, Canton, Ohio. Curtain and counterbalance for book and other cases.	816,496	Mar. 27	5117	1085	121	1268
McKenzie, Angus, assignor to Berger Manufacturing Company, Canton, Ohio. Connection for furniture-sections.	819,913	May 8	1748	376	122	454
McKenzie, Charles, assignor of one-half to J. F. Charles, Butte, Mont. Punching-bag.	825,860	July 10	2416	504	123	636
McKenzie, Donald G., Victoria, Canada. Cash-change-giving device.	829,417	Aug. 28	3494	734-5	123	2650
McKenzie, Dougal J., Chicago, Ill. Furnace-grate.	838,639	Dec. 18	2718	582-3	125	2114
McKenzie, James S., Atlanta, Ga. Harness-tug.	809,577	Jan. 9	1956	406	120	462
McKenzie, William. (See Gray and McKenzie.)						
McKenzie, William M., Wilkensburg, Pa. Nut-tapping machine.	823,225	June 12	2036	423	122	2222
McKeown, James, assignor of one-half to J. Isreal, Pittsburg, Pa. Injector connection for locomotive-boilers.	810,877	Jan. 23	4596	957	120	1125
McKeown, Joseph B., Union Hill, N. J. Window-sash.	818,844	Apr. 24	4607	988	121	2527
McKeown, Joseph B., Union Hill, N. J. Automatic window-controlling attachment.	837,875	Dec. 4	1179	261	125	1647
McKerahan, George, Marshfield, Oreg. Adjustable wrench.	812,440	Feb. 13	1861	409	120	1945
McKernan, Dennis D., Chicago, Ill. Feed-bag.	830,734	Sept. 11	1734	358	124	468
McKerrow, Herbert G. (See Sandison, William M., assignor.)						
McKey, Thomas F., Albert Lea, Minn. Machine for applying postage-stamps to envelopes.	826,955	July 24	4593	957	123	1212
McKichan, Matthew D., Doncaster, Ontario, Canada. Thermometer-case.	837,949	Dec. 11	1321	290	125	1724
McKiernan Drill Company. (See Sturtevant, Thomas E., assignor.)						
McKiliget, Richard C., New Orleans, La. Cable or wire hanger.	825,236	July 3	1088	230	123	284
McKim, Frederick G., London, England. Pneumatic tire.	814,068	Mar. 6	132	25-6	121	30
McKimsey, William J., Barnett, Ill. Screw-connecting die and stock.	812,075	Feb. 6	1084	237	120	1709
McKinlay, John J. (See Howarth and McKinlay.)						
McKinley, Joseph S., Cincinnati, Ohio. Ink-distributor for printing-presses.	809,521	Jan. 9	1847	383	120	440
McKinne, Haywood W., Kingston, N. C. Means for protecting ships from fire.	824,573	June 26	4650	989	122	2901
McKinney, Clayton A., assignor of one-half to M. P. Brumbaugh, Altoona, Pa. Pole.	832,554	Oct. 2	1065	213-14	124	1469
McKinney, David F., et al. (See Roach, Arland B., assignor.)						
McKinney, David F., et al. (See Roach and Hodge, assignors.)						
McKinney, Dennis L., and G. W. Henderson, Fairmont, W. Va. Window-sash fastener.	816,116	Mar. 27	4337	919	121	1102
McKinney, Dennis L., and G. W. Henderson, Fairmont, W. Va. Wire-working tool.	819,304	May 1	546	116	122	126
McKinney, George B., Barry, Ill. Merry-go-round.	819,580	May 1	1065	234	122	240
McKinney, Henry D., Janesville, Wis. Checkrein-hook.	832,149	Oct. 2	264	50	124	1276
McKinney, Oscar F., Montesano, Wash. Saw-handle.	826,049	July 17	2783	576	123	742
McKinney, Walter S., Chicago, Ill. Stamp-actuating mechanism for ore-crushers.	811,079	Jan. 30	5006	1046	120	1248
McKinnon, Elmer L., Sheboygan Falls, Wis. Cheese-press.	828,421	Aug. 14	1471	310	123	2061
McKinnon, Joseph F. (See McLellan and McKinnon.)						
McKinny, Alexander, et al. (See Clegg, Thomas, assignor.)						
McKinsey, Noble S., and A. R. Nelson, Susanville, Cal. Selective telephone system.	820,063	May 8	2122	462-3	122	536
McKinsey, Noble S., and A. R. Nelson, Susanville, Cal. Selective telephone.	820,064	May 8	2129	464-5	122	538
McKinstiry, Charles E. (See Rhodes, Bert O., assignor.)						
McKinstry, George. (See Messer, Daniel, assignor.)						
McKittrick, Robert H., and H. E. Sterry, San Francisco, Cal. Brush.	829,540	Aug. 28	3792	805	123	2725
McKnight, Charles K. (See Tarwater and McKnight.)						
McKnight, Isaiah, Louisville, Ky. Harness attachment.	835,549	Nov. 13	1339	287	125	381
McKnight, John W., Hanover, Pa., assignor to Hanover Gas Regenerating Co. Inspirator and mixer for gas-burners.	810,968	Jan. 30	4817	1002	120	1207
McKnight, Squire T., assignor of one-third to A. Bond, Puxico, Mo. Ash-pit.	826,348	July 17	3352	693	123	880
McKnight, Stephen E., Iola, assignor to S. Davidson, Yates Center, Kans. Crude-oil burner.	811,429	Jan. 30	5704	1194	120	1396
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Dump-car.	809,522	Jan. 9	1849	383-4	120	440
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Axle-skein and sand-collar.	821,729	May 29	5518	1176-7	122	1459
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Brake for dump-wagons.	821,730	May 29	5520	1177	122	1460
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Conveyor for rock-crushers.	825,608	July 10	1898	401	123	505
McKnight, William L., West Charleston, W. Va. Rail-joint.	831,459	Sept. 18	3117	660	124	839
McKnight, William R., Columbus, Ohio. Rotary swing.	814,156	Mar. 6	300	60	121	66
McKown, Charles B., Indianapolis, Ind. Self-lubricating pulley.	827,171	July 31	5104	1061	123	1355
McKoy, Edwin A., Atlanta, Ga. Sap-receiving receptacle.	818,278	Apr. 17	3449	742	121	2224
McKoy, Edwin A., New Orleans, La. Sap-receiving receptacle and support therefor.	825,237	July 3	1090	230	123	284
McKusick, Willard S., Denmark, Me. Sled-knee.	833,691	Oct. 16	3399	724	124	2124
McLachlan, John C., Toronto, Canada. Sparking igniter for gasoline-engines.	816,990	Apr. 3	894	185	121	1557
McLachlan, John C., Chicago, Ill. Dedicating apparatus.	827,172	July 31	5105	1061-2	123	1355
McLain, David, assignor of one-half to N. A. Christensen, Milwaukee, Wis. Molding flask or box.	820,591	May 15	3178	683	122	829
McLain, John T., Stonypoint, N. C. Andiron.	809,975	Jan. 16	2736	563	120	686
McLain, Richard W. (See Hickok and McLain.)						
McLaren, William H., Hamilton, Ontario, Canada. Coffee-pot.	836,699	Nov. 27	3598	767	125	1018
McLaren, William W., Ensley, Ala. Bottle.	816,358	Mar. 27	4843	1026	121	1210
McLaughlin, Cunningham N., assignor to New Winona Manufacturing Co., Winona, Minn. Grinding-mill.	811,945	Feb. 6	821	180	120	1656
McLaughlin, Hugh, Loami, Ill. Nut-lock.	828,332	Aug. 14	1300	275	123	2017
McLaughlin, John. (See McCloskey and McLaughlin.)						
McLaughlin, John A., San Rafael, Cal. Thill-coupling.	810,552	Jan. 23	3990	822	120	992
McLaughlin, John C., assignor to Underwood Typewriter Company, New York, N. Y. Card-holding device for type-writers.	816,174	Mar. 27	4450	942	121	1126
McLaughlin, John C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	839,408	Dec. 25	4214	902	125	2525
McLaughlin, John C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	839,409	Dec. 25	4217	903	125	2526
McLaughlin, John E. (See Kidd, George E., assignor.)						
McLaughlin, John K., Philadelphia, Pa. Water-heater.	822,545	June 5	611	123	122	1861
McLaughlin, John L. (See Hubley, Edwin J., assignor.)						
McLaughlin, Luther E., Freeburg, Pa. Paper-file.	808,864	Jan. 2	461	101	120	103
McLaughlin, Neal, Jethro, Ark. Combined scraper and shovel-plow.	809,626	Jan. 9	2062	427	120	484
McLaughlin, Wharton B., assignor of one-half to L. N. Bail, New York, N. Y. Window-tent.	815,622	Mar. 20	3288	689	121	824
McLaughlin, estate of William, deceased, et al. (See Stevens, Calvin M., assignor.)						
McLean, Archibald. (See Bedell, Francis H., assignor.)						
McLean, C. B. (See Geltz and Hosack, assignors.)						
McLean, Donald M., Boston, Mass. Centerboard.	834,840	Oct. 30	5912	1253	124	2843

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
McLean, Embury, New York, N. Y. Regulation of furnaces.....	817,438	Apr. 10	1774	372-3	121	1806
McLean, Embury, New York, N. Y. Regulating furnaces.....	826,349	July 17	3353	693-4	123	880
McLean, Embury, New York, N. Y. Pressure-regulating valve.....	837,332	Dec. 4	108	29	125	1381
McLean, Francis J., <i>et al.</i> (See Whiteford, John, assignor.)						
McLean, Frank J., <i>et al.</i> (See Whiteford, John, assignor.)						
McLean, Henry A., Jamaica, Vt. Stone-boat.....	830,097	Sept. 4	376	76	124	91
McLean, James F., Montreal, Canada. Vise.....	825,151	July 3	920	194	123	242
McLean, John, Newark, N. J. Paper-clip.....	812,800	Feb. 13	2553	562	120	2086
McLean, John, Manistique, Mich. Apparatus for holding saws.....	815,462	Mar. 20	2993	624	121	760
McLean, John, Camden, Ala. Combination-square.....	839,182	Dec. 25	3771	814	125	2419
McLean, John, assignor to Whitehead & Hoag Company, Newark, N. J. Tape-holder.....	812,149	Feb. 6	1246	270	120	1744
McLean, John, assignor to Whitehead & Hoag Company, Newark, N. J. Tape-measure.....	812,150	Feb. 6	1247	271	120	1744
McLean, John C. (See Corcoran, Michael B., assignor.)						
McLean, Lachlan, Brooklyn, N. Y. Veterinary pocket mouth-speculum.....	817,659	Apr. 10	2189	465	121	1893
McLean, Robert C., Cleveland, Ohio. Rotary engine.....	812,588	Feb. 13	2165	474	120	2007
McLean, William B., Manchester, England. Worm-wheel-cutting machine.....	812,441	Feb. 13	1864	410	120	1946
McLean, William S., Vancouver, and J. D. Kinney, New Westminster, Canada. Inserted saw-tooth.....	816,592	Apr. 3	95	19	121	1378
McLeish, Archibald L., Glencoe, Ill. Sales-check book.....	808,865	Jan. 2	463	102	120	103
McLellan, Harry R. (See Strickland, James L., assignor.)						
McLellan, Jack, Philadelphia, Pa. Rail for street-railways.....	826,265	July 17	3195	662	123	841
McLellan, Peter D., and J. F. McKinnon, Dorchester, Mass. Apparatus for cleaning hulls of ships.....	834,899	Oct. 30	5042	1067	124	2621
McLendon, Nancy A. E., Sanford, Colo. Car-step.....	818,279	Apr. 17	3450	742	121	2224
McLennan, William G. (See Kregelg and McLennan.)						
McLeod, Alexander, Brisbane, Queensland, Australia. Tripod-stand for cameras.....	821,052	May 22	4158	884	122	1104
McLeod, George D., Chicago, Ill. Mortise or hinge gage.....	824,134	June 26	3762	803-4	122	2712
McLeod, Hugh, Hatfield, Mass. Pulley-crowning attachment for lathes.....	822,754	June 5	1044	214	122	1958
McLeod, John P., assignor to Friedly & Voshardt, Chicago, Ill. Drop-hammer.....	823,480	June 12	2520	528-9	122	2325
McLeod, John P., assignor to one-half to H. F. Voshardt, Chicago, Ill. Furnace.....	823,962	June 19	3457	739	122	2590
McLeod, Kenneth, San Francisco, Cal. Sliding-door hanger and fixture.....	827,878	Aug. 7	363	78	123	1760
McLeod, Norman M. (See Haney, Michael J., assignor.)						
McLeod, William H., Kansas City, Kans. Weather-strip for doors.....	829,168	Aug. 21	3005	627	123	2484
McLeran, Alvord M., Kansas City, Mo. Combination wire-working tool.....	831,676	Sept. 25	3601	755	124	1004
McLeran, Alvord M., assignor to Two-Edge Manufacturing Company, Kansas City, Mo. Sharpening-machine.....	822,070	May 29	6168	1315	122	1607
McLewee, Carrie H. (See McLewee, William S., assignor.)						
McLewee, William S., Yardley, Pa. Gas-lamp.....	837,333	Dec. 4	109	30	125	1381
McLewee, William S., assignor to C. H. McLewee, Yardley, Pa. Folding bed.....	819,305	May 1	547	116	122	126
McLewee, William S., Yardley, Pa., assignor to General Manufacturing and Supply Company, Trenton, N. J. Gas-burner.....	822,465	June 5	453	92	122	1824
McLimans, John F. (See Carr and McLimans.)						
McLinden, James J., Waterbury, Conn. Can.....	820,592	May 15	3179	684	122	829
McLaughlin, Joseph J., Chicago, Ill. Coat and similar garment.....	829,029	Aug. 21	2678	564	123	2396
McMahon, Hugh J., Monessen, Pa., assignor to Westinghouse Electric & Manufacturing Company. Controller for synchronizing switches.....	819,787	May 8	1511	321	122	400
McMahon, Charles, <i>et al.</i> (See Huntley, Lucian F., assignor.)						
McMahon, James, Oakdale, Cal. Telephone-receiver switch.....	836,202	Nov. 20	2580	544	125	736
McMahon, James P., assignor to two-thirds to J. W. Russell and C. H. Potts, Renovo, Pa. Smoke-consuming apparatus for furnaces.....	814,230	Mar. 6	441	91-2	121	95
McMahon, Josiah C., Allegheny, Pa., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Metal weather-strip.....	832,150	Oct. 2	265	51	124	1277
McMahon, Josiah C., Pittsburg, Pa., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Weather-strip.....	832,205	Oct. 2	378	70	124	1304
McMahon, Patrick, Baltimore, Md. Toy.....	835,550	Nov. 13	1340	288	125	382
McMahon, Stephen D., Genoa township, Delaware county, Ohio. Railway-signal.....	835,032	Nov. 6	313	67	125	81
McMahon, Thomas S., Champaign, Ill. Device for replanting corn.....	813,987	Feb. 27	4919	1089	120	2700
McManaman, Bryan, Wilkes-Barre, Pa. Trolley.....	826,439	July 17	3520	733	123	921
McManaman, Bryan, Wilkes-Barre, Pa. Trolley-stand.....	826,440	July 17	3522	733	123	921
McManmon, John J., Ironton, Ohio. Plow-shovel.....	836,986	Nov. 27	4198	893	125	1168
McManmon, John J., Atlanta, Ga., assignor to one-half to O. W. Lintner, Ironton, Ohio. Plow.....	813,988	Feb. 27	4920	1089	120	2700
McManus, Charles E., New York, N. Y. Die for finishing bottle-caps.....	822,755	June 5	1046	214	122	1958
McManus, Charles E., New York, N. Y. Bottle-closure.....	826,796	July 24	4293	893	123	1139
McManus, Charles E., New York, N. Y. Combined bottle-stopper and pulling attachment therefor.....	832,336	Oct. 2	644	123	124	1368
McManus, Frank, South Norfolk, Va. Clothes-line support.....	820,815	May 15	3622	773	122	926
McManus, John A., Philadelphia, Pa. Wave-motor.....	823,431	June 12	2413	508	122	2301
McManus, John A., Philadelphia, Pa. Apparatus for generating power from waves.....	836,600	Nov. 20	3358	716	125	926
McMaster, George H., U. S. Army. Combination military tool.....	825,749	July 10	2226	464	123	589
McMeekin, Adam, Doagh, Ireland. Spinning yarn from flax, cotton, &c.....	815,623	Mar. 20	3291	689-90	121	825
McMeen & Miller. (See Fricke, William A., assignor.)						
McMellan, James E. (See Lavertine and McMellan.)						
McMichael & Wildman Manufacturing Co. (See Wildman and Loomis, assignors.)						
McMillan, Alex. (See Spittall, John, assignor.)						
McMillan, Bennett H., W. C. Johnson, and F. M. Collord, Danville, Ill. Machine for molding cement fence-posts.....	812,767	Feb. 13	2491	547-9	120	2071
McMillan, Ferdinand D., Atlanta, Ga. Digester for extracting spirits of turpentine.....	827,554	July 31	5935	1230-1	123	1557
McMillan, Frank, Duluth, Minn. Wrench.....	829,283	Aug. 21	3224	679	123	2538
McMillan, Gilbert N., Buffalo, N. Y. Starting device for explosive-engines.....	817,266	Apr. 10	1436	302	121	1734
McMillan, James A., Santa Paula, Cal. Automatic car-fender.....	832,206	Oct. 2	381	70	124	1305
McMillan, Milton. (See Catlin and McMillan.)						
McMillen, James A. (See Taylor, McMillen, and Milbery.)						
McMillen, William W., and F. Anderson, McCook, Nebr. Hame staple and clip connector.....	836,525	Nov. 20	3227	687	125	895
McMillin, Edward A., North Adams, Mass. Buckle.....	817,184	Apr. 10	1262	262	121	1699
McMullen, Charles P., Brooklyn, N. Y., assignor to one-half to W. E. Nye, Wareham, Mass. Governor for pumping-engines.....	810,666	Jan. 23	4201	869	120	1039
McMullen, Howard H., Brooklyn, assignor to Ideal Automatic Pump Governor Company, New York, N. Y. Soldering-iron.....	839,506	Dec. 25	4429	945	125	2578
McMullen, James B. (See Gordon, Lewis S., assignor.)						
McMunn, Samuel W. (See Poor and Stabell, assignors.)						
McMurray, William, New York, N. Y., assignor to Williams Wire-Hinging Machine Company. Machine for feeding and driving staples.....	820,243	May 8	2475	535-7	122	613
McMurray, William, New York, N. Y., assignor to Williams Wire-Hinging Machine Company. Box-hinging machine.....	820,244	May 8	2486	537-8	122	617
McMurtrie, Gilbert, Clinton, Iowa. Wagon-bolster.....	810,500	Jan. 23	3885	798	120	970

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drawg.	Vol.	Page.
McMurtry, Alden L., New York, N. Y. Speed-timing apparatus.	820,123	May 8	2245	489	122	564
McMyler, John. (See Lovell, Frederick W., assignor.)						
McMyler, John, Cleveland, Ohio. Clam-shell bucket.	811,946	Feb. 6	824	181	120	1657
McMyler, John, Cleveland, Ohio. Apron for car-dumping machines.	820,434	May 15	2858	622	122	757
McMyler Manufacturing Company. (See Lovell, Frederick W., assignor.)						
McNab, John L. (See Cutler, John M., assignor.)						
McNabb, Bernard A., Lowell, Mass. Apparatus for handling hides.	835,312	Nov. 6	875	185-6	125	222
McNair, John, Siloam Springs, Ark. Pruning implement.	828,764	Aug. 14	2141	453	123	2232
McNair, William A., Detroit, Mich. Track-cleaner.	829,418	Aug. 28	3501	735	123	2653
McNally, Charles H., Waipahu, Hawaii. Machine for clearing land.	809,523	Jan. 9	1851	384	120	440
McNally, John, Longreach, Queensland, Australia. Dropper.	832,618	Oct. 9	1217	244	124	1547
McNally, John J. (See Fiddymend and McNally.)						
McNally, Thomas W., assignor of one-third to H. B. Nelson, Bristol, Pa. Hair-clipper.	818,462	Apr. 24	3809	819	121	2355
McNamara, Alexander, Randfontein, Transvaal. Supporting means for boring-rods.	827,814	Aug. 7	252	51	123	1734
McNamara, Robert F., Rochester, N. Y. Vise.	823,353	June 12	2277	476	122	2273
McNamee, James, Philmont, N. Y. Knitting-machine.	810,794	Jan. 23	4445	922-3	120	1092
McNames, William, Aberdeen, S. D. Wire-stretcher.	813,574	Feb. 27	4121	903	120	2531
McNamire, Willard F., Mendon, Ohio. Cement-mold.	823,963	June 19	3458	739	122	2590
McNaught, Joseph. (See Duff, John T., assignor.)						
McNaught, Joseph, <i>et al.</i> (See Duff, Hugh Y. B., assignor.)						
McNaught, William, Holyoke, Mass. Head-box for paper-machines.	809,073	Jan. 2	882	187-8	120	195
McNaughton, Peter, Charlotte, Mich. Grate-bar.	833,845	Oct. 23	3733	794	124	2253
McNeal, Luther C., assignor of one-fourth to H. L. Osgood and C. S. Davis, Rochester, N. Y. Temporary binder.	818,548	Apr. 24	4001	858-9	121	2395
McNeely, Robert W. (See Graeme and McNeely.)						
McNeil, Alfred H., Clapton, assignor to Pearson Fire Alarm, Limited, London, England. Electric fire-alarm and thermo-indicator.	810,501	Jan. 23	3886	798	120	971
McNeil, Angus, North Sydney, Canada. Draft appliance.	809,318	Jan. 9	1431	289	120	349
McNeil, Chester. (See Woodward and McNeil.)						
McNeil, Fred W., St. Louis, Mo. Floating wheel-dam.	830,917	Sept. 11	2048	431	124	545
McNeil, Leonard A., Maywood, Ill. Suspending aerial cables.	816,991	Apr. 3	896	185	121	1557
McNeill, Hugh J., Brandon, Canada. Device for shifting threshing-machine bodies.	819,581	May 1	1066	235	122	240
McNeill, John F., Melbourne, Victoria, Australia. Go-cart.	839,624	Dec. 25	4647	991	125	2632
McNeely, Martin M., assignor to A. L. Allen and M. J. Schermerhorn, Des Moines, Iowa. Apparatus for operating railway-switches.	823,136	June 12	1830	377-8	122	2174
McNelly, Mathias F., Chicago, Ill. Acetylene-gas generator.	836,272	Nov. 20	2732	581	125	777
McNelly, Thomas J., New York, N. Y. Target.	812,589	Feb. 13	2167	474	120	2007
McNiel, Daniel T., Ann Arbor, Mich. Belt-pulley.	817,439	Apr. 10	1778	373-4	121	1807
McNiel, Daniel T., Detroit, Mich. Belt-pulley.	826,185	July 17	3037	630-1	123	804
McNulty, William. (See Livingston and McNulty.)						
McNutt, John F., assignor to Olds Gasoline Engine Works, Lansing, Mich. Governor for explosion-engines.	831,565	Sept. 25	3349	704	124	933
McNutt, William D., Upper Sandusky, Ohio. Vehicle-body.	821,053	May 22	4159	884	122	1104
McOuat, Margaret A., New York, N. Y. Skirt-support.	825,338	July 10	1301	273	123	357
McPhail, Neal A., assignor to O. K. Jones, Cass City, Mich. Gate-latch.	824,195	June 26	3888	830	122	2740
McPhail, Alva, <i>et al.</i> (See McPhaill, Hugh, assignor.)						
McPhaill, Hugh, Visalia, assignor of eleven-twentieths to A. McPhaill, L. L. Clark, and C. H. Holley, Tulare county, Cal. Piano-playing attachment.	808,774	Jan. 2	304	66-7	120	69
McPhee, Claud D., Arnprior, assignor of one-half to J. Robinson, Montreal, Canada. Electrically-operated line-indicator for railways.	830,164	Sept. 4	529	107-8	124	134
McPherson, Charles R., Monango, N. D. Wire-stretcher.	810,795	Jan. 23	4449	923	120	1093
McPherson, Clayton, Bridgeton, N. J. Damper-operating mechanism.	810,071	Jan. 16	2953	615	120	734
McPherson, James A., Hamilton, Canada. Hockey-boot.	811,316	Jan. 30	5492	1145	120	1352
McPherson, John W. (See Cunningham and McPherson.)						
McPherson, William G., assignor to W. G. McPherson Company, Portland, Oreg. Draft device for furnaces.	835,458	Nov. 6	1166	252	125	293
McPike, Curtis, Wabash, Ind. Card-index drawer.	819,367	May 1	681	143	122	156
McPike, Curtis, Wabash, Ind. Letter-file.	825,067	July 3	755	158	123	202
McPike, Curtis, Wabash, Ind. Letter-file box.	825,068	July 3	756	158	123	202
McPike, Curtis, Wabash, Ind. Document-file.	839,625	Dec. 25	4649	991	125	2632
McQuaig, Peter, <i>et al.</i> (See Bellamy, Albert, assignor.)						
McQuarrie, James L., South Orange, N. J., assignor to Western Electric Company, Chicago, Ill. Signaling system for party telephone-lines.	822,466	June 5	454	92	122	1824
McQuarrie, James L., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Selector for automatic telephone-exchanges.	826,350	July 17	3357	694-5	123	880
McQuinn, James S., Newcastle, Ind. Molding-board.	820,726	May 15	3430	734	122	882
McQuown, Charles, Grove City, Ohio. Rotary engine.	839,022	Dec. 18	3408	735-6	125	2282
McRae, Alexander, Pendleton, Oreg. Grain-separator.	820,816	May 15	3623	773-4	122	927
McSpadden, John L., H. L. Wilkie, and W. H. Lewis, Detour, Mich. Splicing-pin.	811,788	Feb. 6	483	104	120	1589
McSpadden, John L., H. L. Wilkie, and W. H. Lewis, Detour, Mich. Nut-lock.	826,186	July 17	3040	631	123	805
McSpadden, John L., H. L. Wilkie, and W. H. Lewis, Detour, Mich. Door-knob attachment.	826,187	July 17	3041	631	123	805
McTammany, F. A. (See McTammany, John, assignor.)						
McTammany, John, Worcester, Mass. Musical instrument.	839,183	Dec. 25	3773	814-15	125	2420
McTammany, John, assignor to F. A. McTammany, New York, N. Y. Mechanical musical instrument.	827,384	July 31	5499	1143	123	1450
McVey, Hugh, <i>et al.</i> (See Newton, Isaac S., assignor.)						
McVey, John C., Kansas City, Mo. Fence-post.	813,816	Feb. 27	4568	1010	120	2626
McVey, John C., Kansas City, Mo. Churn.	816,992	Apr. 3	898	186	121	1558
McVoy, Joseph L., Chicago, Ill. Paneled goods-receptacle.	809,005	Jan. 2	759	164	120	167
McVoy, Vincen P., Pensacola, Fla., assignor to J. W. Wade, Mobile, Ala. Extracting sap.	832,405	Oct. 2	777		124	1400
McVoy, Vincen P., Pensacola, Fla., assignor to J. W. Wade, Mobile, Ala. Vacuum sap-collector.	833,081	Oct. 9	2125	447	124	1766
McVoy, Vincen P., Pensacola, Fla., assignor to J. W. Wade, Mobile, Ala. Sap-collector.	834,841	Oct. 30	5914	1253	124	2843
McWade, William J., Chicago, Ill. Combination mail-box, speaking-tube, &c.	825,339	July 10	1302	274	123	357
McWhorter Manufacturing Company. (See McWhorter, William A., assignor.)						
McWhorter, William A., Norfolk, Va., assignor to McWhorter Manufacturing Company. Distributor or duster.	838,267	Dec. 11	2006	430	125	1896
Meach, Alonzo H., Blissfield, Mich. Penholder.	822,008	May 29	6046	1288	122	1578
Meacham, Larned E., <i>et al.</i> (See Reeve, Sidney A., assignor.)						
Meacham, William M., <i>et al.</i> (See Reeve, Sidney A., assignor.)						
Mead, Caroline E., Louisville, Ky. Furniture.	825,854	July 10	2407	502	123	633
Mead, Charles, assignor of three-fourths to M. Prager Company, Limited, L. A. Schlesinger, L. Prager, M. Wolf, Murray, and W. W. Woods, Wallace, Idaho. Mining-machine.	831,516	Sept. 18	3226	681-2	124	868
Mead, Charles B., and P. S. Fullerton, assignors of one-third to J. V. Murphy, East Palestine, Ohio. Car-brake.	823,285	June 12	2152	449	122	2246

Alphabetical list of patents—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Mead, George A., Mansfield, Ohio. Strain-insulator.....	834,392	Oct. 30	5027	1064	124	2618
Mead, Jacob J., New York, N. Y. Fountain-pen.....	834,744	Oct. 30	5692	1203	124	2787
Mead, Lyman J. (See Turner, Robert O., assignor.)						
Mead, Reuben A. (See Ballew and Mead.)						
Meade, George L., Cleveland, Ohio. Metallic hoop.....	809,519	Jan. 9	1843	381	120	439
Meador, Charles H. (See Smith, Henry M., assignor.)						
Meadors, Eddie D., and J. T. Brown, Albertville, Ala. Cotton-scraper.....	835,451	Nov. 6	1155	249	125	291
Meadow, James D. (See Carlton and Meadow.)						
Meadowcroft, Henry L., Pawtucket, R. I., assignor of two-fifths to L. Lapierre, Lynn, Mass. Adjustable shade-roller bracket.....	814,226	Mar. 6	436	90	121	94
Meadows, Charles A., assignor to Merchants Printing and Manufacturing Company, Yonkers, N. Y. Paper bag or envelop.....	824,878	July 3	397	76	123	109
Meadows, Frederick. (See Ny and Meadows.)						
Meagher, Andrew C. (See Wood, Hoen, and Meagher.)						
Meahl, Philip J., Bayonne, N. J. Selecting mechanism for perforating and similar machines.....	837,318	Dec. 4	83	22	125	1375
Meahl, Philip J., Bayonne, N. J. Paper-feed for perforating-machines.....	837,319	Dec. 4	85	23	125	1376
Meahl, Philip J., Bayonne, N. J., assignor to Aeolian Company, New York, N. Y. Music-roll-marking machine.....	837,317	Dec. 4	78	21-2	125	1373
Meaker, Guy L., Chicago, Ill. Electroplating apparatus.....	815,027	Mar. 13	2061	432	121	504
Meaker, Guy L., Evanston, Ill., assignor to American Steel and Wire Company of New Jersey. Apparatus for galvanizing wire.....	830,093	Sept. 4	369	74-5	124	90
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Spool-holder.....	810,292	Jan. 16	3404	705	120	826
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Paper-cabinet.....	810,293	Jan. 16	3407	705	120	827
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Paper-cabinet.....	810,294	Jan. 16	3410	705	120	827
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Paper-cabinet.....	810,295	Jan. 16	3414	706	120	828
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Stand or table.....	810,296	Jan. 16	3417	706	120	828
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Coin holding and delivering machine.....	817,927	Apr. 17	2755	596-7	121	2076
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company. Coin holding and delivering machine.....	827,985	Aug. 7	578	118-19	123	1815
Meaker, John W., Chicago, Ill., assignor, by mesne assignments, to Meaker Sales Company, Detroit, Mich. Change-making machine.....	827,986	Aug. 7	585	119	123	1816
Meaker Sales Company. (See Meaker, John W., assignor.)						
Means, Benjamin K., Blairsville, Pa. Lock-setting implement.....	824,306	June 26	4096	876	122	2783
Means, Charles M., Punxsutawney, Pa., assignor to H. W. Johns-Manville Company. Section-insulator for trolley-roads.....	835,909	Nov. 13	2011	427	125	547
Mearing, Frank J. (See Titus and Mearing.)						
Mearis, Eugenie, Baltimore, Md. Table.....	831,967	Sept. 25	4179	872	124	1149
Mears, Bernard B., Baltimore, Md. Gas-engine.....	829,279	Aug. 21	3218	677	123	2536
Mears Ear Phone Company. (See Schneider, Eugene W., assignor.)						
Mears, William, Cleveland, Ohio. Rail-joint.....	820,229	May 8	2443	529	122	607
Mease, Frank R., and C. F. Sechrist, Freeport, Ill. Oil-can.....	838,653	Dec. 18	2713	581	125	2113
Measer, William L., Hutchinson, Kans. Wrench.....	827,250	July 31	5241	1088	123	1389
Measuring Appliance Company. (See Hutchins, Arthur W., assignor.)						
Meatner, C., et al. (See Nédelski, Bogumil, assignor.)						
Mebane, Alexander R., Hickory Flat, Miss. Car-standard.....	832,493	Oct. 2	952	189	124	1443
Mebane Bedding Co. (See Creedon, Henry C., assignor.)						
Mebane, James A., South Boston, Va. Electrical rosette.....	812,760	Feb. 13	2477	543	120	2069
Mebane, James A., South Boston, Va. Ceiling-block and electric cut-out for incandescent lamps.....	829,026	Aug. 21	2672	562	123	2395
Mebane, James A., South Boston, Va. Electric-lamp socket.....	829,027	Aug. 21	2673	563	123	2395
Mecherle, Walter R., Bloomington, Ill. Nut-lock.....	814,555	Mar. 6	1112	231	121	241
Meckersheimer, George, San Francisco, Cal. Propeller.....	816,347	Mar. 27	4816	1020	121	1204
Meckfessel, Gottfred, et al. (See Vale, Elizabeth T., assignor.)						
Medart, Philip, assignor of one-half to W. Medart, St. Louis, Mo. Friction-clutch.....	833,537	Oct. 16	3081	654	124	2050
Medart, William. (See Medart, Philip, assignor.)						
Meddings, William G., Remuera, near Auckland, New Zealand. Sprinkler alarm device.....	829,796	Aug. 28	4333	916	123	2858
Medhus, Ole, Faribault, Minn. Combination-tool.....	816,674	Apr. 3	262	61	121	1418
Medley, Harry, Germantown, Pa. Game apparatus.....	817,928	Apr. 17	2759	597	121	2077
Medley, James A. (See Medley, Robert and J. A.)						
Medley, Robert and J. A., Chippewa Falls, Wis. Kettle.....	818,973	Apr. 24	4842	1041	121	2578
Meech, Alfred H., Chatham, N. Y. Rope-clamp.....	834,924	Nov. 6	95	19	125	27
Meehan, James, Chicago, Ill. Automatic lubricator.....	828,327	Aug. 14	1292	273	123	2015
Meehan, John J. (See Gill and Meehan.)						
Meehan, John J., Denver, Colo. Safety-razor.....	835,077	Nov. 6	417	84	125	110
Meehan, Patrick, Lowellville, Ohio. Gas-cleaner.....	821,425	May 22	4915	1044-5	122	1272
Meek Company. (See Kristofek, Frank J., assignor.)						
Meek, Nellie C., Fremont, Ohio. Bedclothes-holder.....	829,118	Aug. 21	2874	603	123	2452
Meeker, William P., Newark, N. J. Tile-mold.....	823,184	June 12	1931	398	122	2198
Meeker, William P., Newark, N. J. Cap.....	828,561	Aug. 14	1757	369-70	123	2135
Meeker, William P., Newark, N. J. Tile-press.....	830,160	Sept. 4	517	105-6	124	131
Meeks, William, and D. Brown, Seadrift, Tex.; said Brown assignor to said Meeks. Boll-weevil exterminator.....	833,138	Oct. 9	2238	472	124	1796
Meem, James C., assignor of one-half to Borough Construction Company, Brooklyn, N. Y. Tunnel-roof shield.....	819,361	May 1	669	141	122	153
Meem, James C., assignor of two-thirds to Borough Construction Company, Brooklyn, N. Y. Apparatus for excavating tunnels.....	819,443	May 1	823	177	122	185
Meer, Gustav ter, Hanover, Germany. Centrifugal machine.....	815,363	Mar. 20	2798	532	121	714
Meermans, John, Cleveland, Ohio. Non-refillable bottle.....	817,500	Apr. 10	1902	401	121	1834
Meers, Stephen, New York, N. Y. Artificial leather and making the same.....	837,700	Dec. 4	854		125	1567
Mefferd, Oral E., Denver, Colo. Adjustable seat for electric-car motomen.....	815,546	Mar. 20	3149	659	121	793
Meffert, Alexander, St. Louis, Mo. Pipe-wrench.....	818,901	Apr. 24	4705	1009	121	2548
Meffert, Alexander, St. Louis, Mo. Pipe-wrench.....	827,458	July 31	5693	1179	123	1500
Megirian, Joseph J. (See Southey and Megirian.)						
Megone, William B., Paddington, England. Motor road-vehicle.....	821,302	May 22	4646	989-90	122	1211
Mehagan, Clinton L. (See Peterbusch, Edward J., assignor.)						
Mehan, John K., et al. (See McGregor, Archibald, assignor.)						
Mehder, Louis F. (See Clark and Mehder.)						
Mehlhorn, Alfred, Dietrichsdorf, and P. von Klitzing, Neumühlen, near Kiel, Germany. Floating dock.....	821,110	May 22	4273	909	122	1129

Alphabetical list of patents—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Mehlig, Charles F. C., New York, N. Y. Flexible shaft.....	815,726	Mar. 20	3512	738	121	873
Mehlig, Charles F. C., New York, N. Y. Flexible shaft.....	816,240	Mar. 27	4569	972	121	1151
Mehner, Hermann, Friedenau, near Berlin, Germany. Solidifying earthy ground.....	829,664	Aug. 28	4035	854-5	123	2786
Mehner, Hermann, Berlin, Germany. Obtaining metals and compounds thereof.....	833,472	Oct. 16	2962	629	124	2023
Mehring, George, Chicago, Ill. Steam-pipe thimble.....	814,976	Mar. 13	1930	406	121	477
Meier, Albert J., Kirkwood, Mo. Surgical clip.....	816,026	Mar. 27	4147	878	121	1061
Meier, Frederick W., and W. A. Gipson, Upper Sandusky, Ohio. Hood for forges.....	822,533	June 5	591	119	122	1856
Meier, Harry W., Baltimore, Md. Articulation of dolls.....	818,842	Apr. 24	4604	988	121	2527
Meier, Julius W., New York, N. Y. Roach-trap.....	812,761	Feb. 13	2479	543	120	2069
Meierhoff, Adolf, St. Louis, Mo. Pipe-wrench.....	834,216	Oct. 23	4652	987	124	2480
Meigs, John F., and E. A. Gathmann, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Combination time and percussion fuse.....	814,860	Mar. 13	1718	359	121	433
Meigs, John F., and E. A. Gathmann, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Centrifugal percussion-fuse for projectiles.....	819,668	May 1	1243	271	122	279
Meigs, John F., and E. A. Gathmann, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Projectile.....	823,953	June 19	3439	734	122	2586
Meigs, John F., and H. G. Jakobsson, Bethlehem, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Firing mechanism for guns.....	812,431	Feb. 13	1843	405	120	1941
Meigs, John F., and H. G. Jakobsson, Bethlehem, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Firing mechanism for guns.....	812,432	Feb. 13	1847	405-6	120	1943
Meigs, John F., and H. G. Jakobsson, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Pedestal-mount.....	814,859	Mar. 13	1717	359	121	433
Meigs, John F., and H. G. Jakobsson, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Telescopic sight for guns.....	818,546	Apr. 24	3998	858	121	2394
Meigs, John F., and H. G. Jakobsson, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Firing mechanism of guns.....	824,130	June 26	3755	801-2	122	2710
Meigs, John F., and R. P. Stout, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Ammunition-hoisting mechanism.....	809,455	Jan. 9	1724	355-6	120	412
Meigs, John F., and S. A. S. Hammar, Bethlehem, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Gun-mount.....	810,660	Jan. 23	4192	866-7	120	1037
Meigs, John F., and S. A. S. Hammar, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Gun-mount.....	810,661	Jan. 23	4193	867	120	1037
Meigs, John F., and S. A. S. Hammar, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Gun-sight.....	836,815	Nov. 27	3837	817	125	1083
Meigs, John F., South Bethlehem, and S. A. S. Hammar, Bethlehem, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Breach mechanism.....	838,432	Dec. 11	2312	500-1	125	1972
Meigs, John F., South Bethlehem, H. G. Jakobsson and F. A. Sullivan, Bethlehem, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Balancing mechanism for guns.....	810,662	Jan. 23	4194	868	120	1037
Meitcke, Carl A., Hanley, Canada. Calculating-machine.....	823,426	June 12	2400	506	122	2299
Meincke, Alfred M. (See Bache-Wüz, Carl, assignor.)						
Meinecke, Christian W., Jersey City Heights, N. J., assignor to Whitall Tatum Company, New York, N. Y. Stopper for ice-bags, helmets, and the like.....	810,784	Jan. 23	4426	918	120	1088
Meinecke, Christian W., Jersey City Heights, N. J., assignor to Whitall Tatum Company, New York, N. Y. Valve or stopper.....	828,758	Aug. 14	2132	451	123	2230
Meinhard, Theodore P., assignor to St. Louis Car Company, St. Louis, Mo. Steering mechanism for motor-vehicles.....	809,620	Jan. 9	2051	425-6	120	482
Meinhard, Theodore P., assignor to St. Louis Car Company, St. Louis, Mo. Transmission-gear for motor-vehicles.....	812,664	Feb. 13	2296	499-500	120	2031
Meirowsky, Max, Cologne-Ehrenfeld, Germany. Electrical insulator.....	826,589	July 24	3904	809	123	1037
Meis, Henry K., Lawton, Okla. Ter. Springless lock.....	810,340	Jan. 16	3510	724	120	850
Meis, Kuno, Hoboken, N. J. Corn and bunion cutter.....	836,266	Nov. 20	2720	579	125	773
Meis, Michael, St. Paul, Minn. Match-box.....	829,928	Aug. 28	4612	970	123	2928
Meisel, John W., Bureau county, Ill. Combination adjustable trestle.....	808,940	Jan. 2	625	136	120	138
Meisenburg, Johann. (See Thielmann and Meisenburg.)						
Meisenheimer, Edward J., assignor to Meisenheimer Printing Company, Milwaukee, Wis. Folder and binding.....	812,798	Feb. 13	2550	561	120	2085
Meisenheimer Printing Company. (See Meisenheimer, Edward J., assignor.)						
Meiser, Georg W., assignor to Badische Anilin und Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making alkali-metal oxides.....	828,759	Aug. 14	2133		123	2230
Meissner, Edward C., St. Louis, Mo., assignor, by mesne assignments, to Chicago Pneumatic Tool Company. Pneumatic hammer.....	822,146	May 29	6308	1343	122	1639
Meissner, Julius H., Pittsburg, Pa. Boiler.....	824,801	July 3	234	42-3	123	66
Meissner, Otto W. (See Hart, Meissner, and Neikirk.)						
Meissner, Otto W., Chicago, Ill. Body-bolster for railway-cars.....	824,802	July 3	239	43	123	67
Meissner, Otto W., assignor to Rodger Ballast Car Company, Chicago, Ill. Freight-car.....	812,145	Feb. 6	1233	268	120	1742
Meissner, Otto W., assignor to Rodger Ballast Car Company, Chicago, Ill. Railway ballast-plow.....	812,222	Feb. 13	1437	313-14	120	1853
Meissner, Otto W., assignor to Rodger Ballast Car Company, Chicago, Ill. Bolster for railway-cars.....	827,646	July 31	6124	1272	123	1608
Meissner, Otto W., and W. Yost, assignors to Rodger Ballast Car Company, Chicago, Ill. Railway freight-car.....	820,058	May 8	2114	461	122	535
Meisner, Paul, assignor to A. Scherl, Berlin, Germany. Detachable book-cover.....	838,559	Dec. 18	2561	553	125	2076
Meister, Albert R., and A. E. Wright, Sacramento, Cal. Whiffletree.....	821,179	May 22	4402	937	122	1158
Meister, Robert, Cedar Rapids, Iowa. Testing-plug for soil-pipe.....	834,393	Oct. 30	5028	1064	124	2618
Meixell, John W., Lewisburg, Pa. Wheel.....	826,865	July 24	4433	922	123	1172
Méland, Maurice J. (See La Rochefoucauld and Méland.)						
Melaun, Franz, Charlottenburg, Germany. Embedding for street-car rails.....	826,344	July 17	3345	692	123	879
Melcher, Frederick. (See Jeneskee and Melcher.)						
Melchert, Ernst, Mount Olive, Ill. Brake mechanism for railway-cars.....	814,792	Mar. 13	1604	336-7	121	410
Melchior, Edward, Chicago, Ill. Adjustable shelf-supporting bracket.....	836,045	Nov. 13	2228	477	125	599
Melega, Johann. (See Boldog, Daniel, assignor.)						
Melendy, Hervey D., Nashua, N. H. Guard for circular saws.....	818,772	Apr. 24	4466	957	121	2497
Melctio, William A. (See Bender, Robert C., assignor.)						
Melichar, Franz, Brandeis, N/L, Austria-Hungary. Dust and rubbish sucking machine.....	837,091	Nov. 27	4408	934	125	1221
Mellberg, Victor, Newark, N. J. Capsule closing and printing machine.....	820,724	May 15	3422	732-3	122	881
Mellen, Emery E. (See Anthony, Daniel E., assignor.)						
Mellen, Frank X., Triadelphia, assignor of one-third to I. Baringer, Crooksville, Ohio. Dental plugger.....	829,119	Aug. 21	2876	603	123	2453
Mellen, George E., Chicago, Ill. Swing.....	821,813	May 29	5688	1212	122	1500
Meller, Johannes, Wandsbek, Germany. Life-buoy.....	817,652	Apr. 10	2177	462	121	1890
Mellin, Carl J. (See Cole and Mellin.)						
Mellinger, George B., assignor of two-thirds to R. Skemp and J. R. Stauffer, Scottdale, Pa. Tube-making machine.....	811,861	Feb. 6	616	135	120	1615

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr &g	Vol.	Page.
Mellinger, George B., assignor of two-thirds to R. Skemp and J. R. Stauffer, Scottdale, Pa. Producing tubes.	812,146	Feb. 6	1235	268-9	120	1742
Mellinger, John B., Juniata, Nebr. Crane for rural mail-boxes.	827,929	Aug. 7	467	96	123	1788
Mellon, George A., St. Louis, Mo. Davenport-bed.	820,808	May 15	3602	770-1	122	922
Mellon, George A., St. Louis, Mo. Spring bed-bottom.	823,427	June 12	2405	506-7	122	2299
Mellon, George A., St. Louis, Mo. Davenport-bed.	824,131	June 26	3757	802	122	2711
Mellor Box Opener Company. (See Baggett, Robert A., assignor.) (Reissue.)						
Mellor, George W. (See Mayhew, George S., assignor.)						
Mellott, John W., Sheridan, Pa. Heater.	830,244	Sept. 4	693	138	124	176
Mellowes, Frank W., Sheffield, England. Glazing device.	816,807	Apr. 3	504	110	121	1469
Mellquist, Adolph, and O. A. Westerson, Cannon Falls, Minn. Hay elevator and conveyor.	812,060	Feb. 6	1055	230	120	1704
Mellquist, Adolph, and O. A. Westerson, Cannon Falls, Minn. Grapple-fork.	812,061	Feb. 6	1057	230	120	1704
Melms & Pfenninger Gesellschaft mit beschränkter Haftung. (See Pfenninger, Carl, assignor.)						
Melms & Pfenninger, Gesellschaft mit beschränkter Haftung. (See Roth, Carl, assignor.)						
Melotte, Jules, Remicourt, Belgium. Transmission system for automobiles.	829,413	Aug. 28	3486	733	123	2649
Melson, John T., and J. D. Marvil, assignors to Collapsible Barrel Company, Laurel, Del. Barrel.	812,062	Feb. 6	1058	230	120	1704
Melton, Albert C., Sedalia, Mo. Lawn-mower.	825,473	July 10	1611	335	123	437
Melton, Arthur P., Minneapolis, Minn., assignor to Miracle Pressed Stone Company, Sioux Falls, S. D., and Minneapolis, Minn. Sidewalk-block-molding machine.	825,918	July 17	2522	525	123	672
Melton, Arthur P., Minneapolis, Minn., assignor to Miracle Pressed Stone Company, Sioux Falls, S. D., and Minneapolis, Minn. Brick-molding machine.	825,919	July 17	2524	526	123	672
Melton, Arthur P., Minneapolis, Minn., assignor to Miracle Pressed Stone Company, Sioux Falls, S. D., and Minneapolis, Minn. Mold for making bell-mouthed concrete pipe.	826,181	July 17	3030	628	123	803
Melton, Ephraim B., Decatur, Tex. Preserving.	821,947	May 29	5942	122	122	1554
Melton, Henry C., assignor of seven-ninths to J. F. Turner, Winnsboro, and R. S. Bass, Greenville, Tex. Fertilizer and seed distributor.	808,856	Jan. 2	450	99	120	100
Melton, Peter M., Whitakers, N. C. Water-motor.	827,744	Aug. 7	103	22	123	1696
Melton, William K., Bivins, assignor of one-half to J. G. King, Atlanta, Tex. Timber-hewing machine.	827,251	July 31	5242	1089	123	1389
Melven, Galt M., Louisville, Ky. Hose-reel.	828,562	Aug. 14	1757	370	123	2136
Melville, John I. (See Fluhr, Emile, assignor.)						
Melville, William, Manchester, England. Substitute for oil-cloth or linoleum.	828,623	Aug. 14	1871	123	123	2165
Melvin, Charles H., assignor to Deere and Company, Moline, Ill. Disk gang-plow.	825,145	July 3	903	190-1	123	239
Melvin, Charles P., Monongahela, Pa. Wheel.	813,225	Feb. 20	3406	751	120	2315
Melvin, Ira H., Laurel, Del. Barrel-forming device.	816,872	Apr. 3	646	134	121	1502
Melvin, Thayer E., Allegheny, Pa. Typographic paper-punch.	813,907	Feb. 27	4766	1052	120	2670
Memphis Column Company. (See Neudorff, Fredrick, assignor.)						
Menard, Alfred, Salix, Iowa. Elevator.	830,669	Sept. 11	1582	326	124	425
Mendel, Milton, et al. (See Browne, George W., assignor.)						
Mendel, Sophie, assignor to B. E. David, New York, N. Y. Thread-cutter for sewing-machines.	813,811	Feb. 27	4561	1009	120	2625
Mendelsohn, Aaron, San Francisco, Cal. Cigar for asthma.	811,942	Feb. 6	817	179	120	1656
Mendelson, David, New York, N. Y. Electric motor.	830,347	Sept. 4	895	183-5	124	222
Mendelson, David, Brooklyn, N. Y. Electric motor.	837,701	Dec. 4	856	193	125	1567
Mendenhall, John. (See Mock and Mendenhall.)						
Mendenhall, John F., Springville, Utah. Self-dumping scraper.	810,165	Jan. 16	3128	647	120	768
Mendenhall, Oliver M., Newton, Iowa. Speed-jack for windmills.	827,252	Jan. 31	5245	1089	123	1391
Mendenhall, Walter S., assignor to Samuel C. Tatum Company, Cincinnati, Ohio. Temporary binder.	827,697	July 31	6251	1298	123	1642
Mendenhall, Walter S., assignor to Samuel C. Tatum Company, Cincinnati, Ohio. Temporary binder.	838,795	Dec. 18	3006	648	125	2184
Mendez, Jesus M., Delrio, Tex. Medical compound.	829,986	Sept. 4	146	124	124	36
Menges, Albert C., assignor to W. Harrison, Grand Rapids, Mich. Friction-clutch.	811,422	Jan. 30	5690	1191	120	1393
Menges, Albert C., assignor to W. Harrison, Grand Rapids, Mich. Intake-valve for explosive-engines.	820,230	May 8	2444	529	122	607
Menges, Albert C., assignor to W. Harrison, Grand Rapids, Mich. Valve-gear for explosive-engines.	823,347	June 12	2266	473	122	2271
Menges, Albert C., assignor to W. Harrison, Grand Rapids, Mich. Igniter.	836,521	Nov. 20	3220	686	125	893
Mengle, Lloyd M., West Hamburg, Pa. Railway-rail joint.	826,045	July 17	2774	575	123	740
Menier, Henri E., Paris, France. Grinding-machine.	835,286	Nov. 6	819	171	125	207
Menkey, Frederick W., Portage, Wis. Return-flue for stoves and the like.	837,320	Dec. 4	87	23	125	1376
Menkin, Max, New York, N. Y. Self-winding electric clock.	813,161	Feb. 20	3281	721-2	120	2291
Mennes, Wilhelm J., Amsterdam, Netherlands. Apparatus for stretching fingers.	835,968	Nov. 13	2108	452	125	569
Menns, Albert W., Malden, Mass. Carbureter.	829,345	Aug. 21	3354	706	123	2570
Menns, Albert W., Malden, and W. K. Menns, Everett, Mass. Carbureter.	828,228	Aug. 7	1055	222	123	1927
Menns, Walter K. (See Menns, Albert W. and W. K.)						
Menser, Albert N., Johnstown, Pa. Lock.	810,785	Jan. 23	4427	918-19	120	1088
Mentzer, Claude E., assignor of forty-nine one-hundredths to L. A. Freeman, Denver, Colo. Electric time-switch.	825,230	July 3	1077	227-8	123	281
Menzel, William G., Fond du Lac, assignor of one-half to C. W. Booth, Milwaukee, Wis. Brake-shoe.	815,612	Mar. 20	3263	685	121	819
Menzies, Robert C., Glens Falls, N. Y. Self-loading cart.	810,547	Jan. 23	3978	820	120	990
Méran, Maurice M., Paris, France. Ceramic product.	827,550	July 31	5930	123	123	1556
Mercantile Manufacturing Company. (See Peterson, Charles E., assignor.)						
Mercantile Trust Company, trustee. (See Scales, William S., assignor.)						
Mercenier, Adhémar. (See Joors and Mercenier.)						
Mercer, Alfonso, assignor to J. F. East, Norfolk, Va., and Southern Novelty and Amusement Company, Inc. Amusement device.	832,800	Oct. 9	1580	324	124	1632
Mercer, Alfonso, assignor to J. F. East, Norfolk, Va., and Southern Novelty and Amusement Company, Inc. Policeman's nippers.	832,143	Oct. 2	254	49	124	1274
Mercer, Frederick, Marton, New Zealand. Sprayer.	815,192	Mar. 13	2398	500	121	580
Mercer, Frederick J., Hyde Park, Mass. Spring.	814,387	Mar. 6	784	158	121	173
Mercer, Isaac B., and H. D. Orchard, Bloomington, Ind. Bottle-seal.	816,489	Mar. 27	5104	1082	121	1265
Mercer, Joseph, Marion, Ind. Ink-fountain.	828,760	Aug. 14	2134	451-2	123	2231
Mercer, Norman G., Bridgeville, Pa. Attachment for plows.	828,132	Aug. 7	881	181	123	1888
Merchant, George B., Johnston, S. C. Winding mechanism for stump-extractors.	812,063	Feb. 6	1060	231	120	1705
Merchant, William M., Garrison, Iowa. Lamp-burner.	808,770	Jan. 2	298	64	120	68
Merchants Printing and Manufacturing Company. (See Meadows, Charles A., assignor.)						
Merck, Firm of E. (See Wolfes, Otto, assignor.)						
Merckens, August, East Orange, N. J. Vending-machine.	811,571	Feb. 6	71	15	120	1500
Merckens, August, Brooklyn, N. Y. Vending-machine.	823,064	June 12	1568	345	122	2140
Merckens, John, assignor to Edmonds-Metzel Manufacturing Company, Chicago, Ill. Wrench.	825,401	July 10	1434	299	123	391

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Merckens, John, assignor to Edmunds-Metzel Manufacturing Company, Chicago, Ill. Combined wrench and thread-retracing tool.	828,859	Aug. 14	2324	494	123	2278
Meredith, George W., Wichita, Kans., assignor to M. R. Meredith, Wabash, Ind. Cigar-vending machine.	823,954	June 19	3441	735	122	2586
Meredith, George W., Wichita, Kans., assignor to M. R. Meredith, Wabash, Ind. Cigar-vending machine.	823,955	June 19	3443	736	122	2587
Meredith, George W., Wichita, Kans., assignor to M. R. Meredith, Wabash, Ind. Coin-controlled vending device.	823,956	June 19	3447	736-7	122	2587
Meredith, Milo R. (See Meredith, George W., assignor.)						
Meredith, Pearl C. and T. O., Marne, Iowa. Sod and cornstalk cutter.	818,105	Apr. 17	3091	667	121	2146
Meredith, Thomas O. (See Meredith, Pearl C. and T. O.)						
Meredith, Z. Albert, Tahlequah, Ind. Ter. Cornet.	814,615	Mar. 6	1222	257-8	121	265
Mergenthaler Linotype Company. (See Bartlett, Henry B., assignor.) (Reissue.)						
Mergenthaler Linotype Company. (See Bedell, Richard M., assignor.)						
Mergenthaler Linotype Company. (See Bright, Fred E., assignor.)						
Mergenthaler Linotype Company. (See Dodge, Philip T., assignor.)						
Mergenthaler Linotype Company. (See Foster, Robert J., assignor.)						
Mergenthaler Linotype Company. (See Greenleaf, Abner, assignor.)						
Mergenthaler Linotype Company. (See Grohmann, Carl L., assignor.)						
Mergenthaler Linotype Company. (See Homans, Thomas S., assignor.)						
Mergenthaler Linotype Company. (See Johannesen, Frank, assignor.)						
Mergenthaler Linotype Company. (See Kennedy, David S., assignor.)						
Mergenthaler Linotype Company. (See Kennedy, Luther L., assignor.)						
Mergenthaler Linotype Company. (See Kent, Perry E., assignor.)						
Mergenthaler Linotype Company. (See McClintock, Frank, assignor.)						
Mergenthaler Linotype Company. (See Middleton, Winton G., assignor.)						
Mergenthaler Linotype Company. (See Morehouse, Melvin W., assignor.)						
Mergenthaler Linotype Company. (See Muehleisen, Carl, assignor.)						
Mergenthaler Linotype Company. (See Petri-Palmedo, David, assignor.)						
Mergenthaler Linotype Company. (See Poe, David A., assignor.)						
Mergenthaler Linotype Company. (See Rogers, John R., assignor.)						
Mergenthaler Linotype Company. (See Saffery, Joseph E., assignor.)						
Mergenthaler Linotype Company. (See Ward, Lewis, assignor.)						
Merkel, Arthur E. (See Rice, Walter P., assignor.)						
Merline, John P., Oconto, Wis. Holder.	822,063	May 29	6152	1311	122	1602
Mermord, Gustave A., <i>et al.</i> (See Keller, Alfred, assignor.)						
Mermord, Leon M., <i>et al.</i> (See Keller, Alfred, assignor.)						
Mermord, Louis P., <i>et al.</i> (See Keller, Alfred, assignor.)						
Merrall, Ward G., Onondaga, Ontario, Canada. Baling-press.	839,170	Dec. 25	3748	809-10	125	2413
Merralls, William A., San Francisco, Cal. Rock breaker and pulverizer.	827,745	Aug. 7	104	22	123	1696
Merrell, Gurdon W., Roanoke, Va. Guard-rail brace-plate.	828,949	Aug. 21	2519	534	123	2360
Merrell, Irving S., assignor to Merrell-Soule Company, Syracuse, N. Y. Conveyer system.	823,477	June 12	2506	527-8	122	2322
Merrell-Soule Company. (See Merrell, Irving S., assignor.)						
Merrell, Thomas J., Hindsboro, Ill. Barrel-roller machine.	822,288	June 5	126	25	122	1756
Merriam, Henry P., New York, N. Y. Fuse for projectiles.	822,289	June 5	126	25-6	122	1756
Merriam, Lyman W., Fitchburg, Mass. Machine for moistening and severing strips of gummed paper.	820,512	May 15	3032	653	122	797
Merrick, Asa L., <i>et al.</i> (See Lawson, Benjamin S., assignor.) (Reissue.)						
Merrick, Frank W., Boston, Mass. Handle or holder for knife-blades or other tools.	839,495	Dec. 25	4405	940	125	2573
Merrick, Robert, Jr., and O. E. Miller, Hopedale, Ohio. Caster.	824,733	July 3	64	13	123	21
Merrill, Alver S., and H. M. Howard, Beulah, Mich. Buckle.	812,862	Feb. 20	2683	592	120	2159
Merrill, Charles W. (See Sharwood, William J., assignor.)						
Merrill, Charles W., Lead, S. D. Container for filter-presses.	813,014	Feb. 20	2982	657	120	2225
Merrill, Charles W., Lead, S. D. Treating metal-bearing materials.	820,430	May 15	2852		122	755
Merrill, Charles W., Lead, S. D. Classifier.	820,934	May 15	3357	829	122	984
Merrill, Charles W., Lead, S. D. Treating precious-metal-bearing materials.	825,920	July 17	2527		123	674
Merrill, Charles W., Los Angeles, Cal. Route-index.	829,339	Dec. 25	4192	898	125	2521
Merrill, Charles W., Alameda, Cal. Refining hydrometallurgical products containing precious metals.	815,851	Mar. 20	3799		121	933
Merrill, Edward W., Jr., New York, N. Y. Drop-hammer.	821,303	May 22	4648	990	122	1211
Merrill, Edwin R., assignor to J. A. Jeffrey, Columbus, Ohio. Mining-machine.	813,508	Feb. 27	3980	874	120	2499
Merrill, Frank H., Los Angeles, Cal. Soap-drying machine.	831,884	Sept. 25	4026	839	124	1111
Merrill, George S., Peace Dale, R. I. Coking.	815,453	Mar. 20	2976	620	121	757
Merrill, Joseph J. (See Chamberlain and Merrill.)						
Merrill, Josiah. (See Burlingame and Merrill.)						
Merrill, Wilbur L., Schenectady, N. Y., assignor to General Electric Company. Operating bulkhead-doors.	835,362	Nov. 6	972	207	125	246
Merrill, William, Wilmington, Del. Circuit-breaker.	837,092	Nov. 27	4410	934	125	1221
Merrill, William, assignor to Mitts & Merrill, Saginaw, Mich. Wood-cutting machine.	817,382	Apr. 10	1646	349	121	1780
Merrill, William W. (See Hoffmann, Otto C., assignor.)						
Merriman, Edward B., Boston, Mass. Bridle attachment.	820,658	May 15	3288	706	122	851
Merriman, George, Toledo, Ohio. Railway paving plant.	819,904	May 8	1728	371-2	122	450
Merriman, Grace F. (See Frazier, George W., assignor.)						
Merritt, Arthur A., New York, N. Y. Beam-compass.	811,237	Jan. 30	5342	1116	120	1320
Merritt, Benjamin F., East Orange, N. J., assignor to New York Telephone Company, New York, N. Y. Multiple-switchboard construction.	826,680	July 24	4080	846-7	123	1085
Merritt and Company. (See Holden, George, assignor.)						
Merritt and Company. (See Jefferis, Richard W., assignor.)						
Merritt, George W., San Francisco, Cal. Antiseptic telephone-mouthpiece attachment.	821,948	May 29	5942	1265	122	1554
Merritt, Gordon, Ridgewood, N. J. Pulley device.	815,613	Mar. 20	3264	685	121	819
Merritt, Henry W. (See Barron and Merritt.)						
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	808,771	Jan. 2	299	65	120	68
Merritt, Henry W., Springfield, Mass., and W. J. Barron, Brooklyn, assignors to Densmore Typewriter Company, Syracuse, N. Y. Type-writing machine.	814,310	Mar. 6	615	127	121	133
Merritt, Joseph. (See Lorenz and Merritt.)						
Merrweather, Frederick W., Kansas City, Mo. Bed-clamp.	823,800	June 19	3153	667	122	2522
Merry, Ernest B., Augusta, Ga. Excavating and conveying system.	825,743	July 10	2211	461-2	123	585
Merry, Ernest B., Augusta, Ga. Cable-gripper.	831,729	Sept. 25	3697	774	124	1030
Merryman, Thomas J., and C. L. Allen, Lincoln, Nebr. Telephone.	823,886	June 19	3310	705	122	2558
Merryweather, Charles A., Brooklyn, N. Y. Handle attachment for window-sashes.	820,231	May 8	2446	530	122	607
Mersfelder, Daniel, Cincinnati, and W. L. Mersfelder, Norwood, Ohio. Rail-joint chair.	810,493	Jan. 23	3865	794	120	966
Mersfelder, William L. (See Mersfelder, Daniel and W. L.)						
Mershon, Edward C., Saginaw, Mich. Band resaw-machine.	833,538	Oct. 16	3084	654-5	124	2051
Mershon, Ralph D., New York, N. Y. Reverse-relay device.	816,111	Mar. 27	4326	916-17	121	1100

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Mershon, Ralph D., New York, N. Y. Circuit-controlling apparatus.	816,112	Mar. 27	4331	917	121	1101
Mershon, Ralph D., New York, N. Y. Variable-speed polyphase motor.	839,612	Dec. 25	4618	986	125	2625
Mertens, John C., assignor of one-half to J. Hanreddy, Chicago, Ill. Asphalt-cutting mechanism.	832,919	Oct. 9	1820	376	124	1690
Mertens, Ludwig, Charlottenburg, Germany, assignor to "Abbé" Engineering Company, New York, N. Y. Internal-combustion engine.	823,286	June 12	2153	449	122	2246
Mertes, August, Emsworth, Pa. Drawing-pen.	817,861	Apr. 17	2608	563	121	2041
Mertes, August, Emsworth, assignor to F. H. Hieber Wagon Manufacturing Co., McKees Rocks, Pa. Pawl-and-ratchet device for dumping-vehicles.	835,452	Nov. 6	1156	249-50	125	291
Mertins, John L., Wolfe City, Tex. Adjustable metallic trunk-strap.	837,321	Dec. 4	90	23-4	125	1377
Mertinz, Franz, Vienna, Austria-Hungary. Die for cutting and punching leather, &c.	835,969	Nov. 13	2109	452	125	569
Mertsheimer, Frederick, Kansas City, Mo. Car-mover.	816,873	Apr. 3	648	134	121	1502
Merwin, Erwin C. (See O'Brien and Merwin.)						
Merwin, Samuel L., Palatka, Fla. Adjustable harrow or cultivator.	835,970	Nov. 13	2111	453	125	569
Meschenmoser, William F., Hoboken, N. J. Coin-operated vending-machine.	832,144	Oct. 2	257	49	124	1275
Mesinger, Frederick, New York, N. Y. Tire.	828,416	Aug. 14	1456	307	123	2058
Mesinger, Frederick, New York, N. Y. Tire.	836,450	Nov. 20	3095	656	125	861
Mesker & Brother. (See Dowling, William, assignor.)						
Mesker, John L., St. Louis, Mo. Window.	814,616	Mar. 6	1224	258	121	265
Messenger, Thomas W., Quorn, South Australia, Australia. Window-sash fitting.	834,677	Oct. 30	5573	1183	124	2757
Messer, Daniel, assignor of one-half to G. McKinstry, Rochester, N. Y. Ironing-board.	810,166	Jan. 16	3129	648	120	768
Messer, Horace W., and G. B. Joslyn, Springfield, Mass.; said Messer assignor to said Joslyn. Machine for folding turnover collars.	827,253	July 31	5246	1089	123	1391
Messer, Jeremiah C. and J. Cook, Buda, Tex. Agricultural implement.	832,267	Oct. 2	511	97	124	1336
Messig, Walter E., assignor of two-thirds to F. A. and H. A. Richter, Minneapolis, Minn. Garment-hanger.	816,805	Apr. 3	505	110	121	1469
Messinger, Aaron. (See Messinger, Benjamin and A.)						
Messinger, Benjamin and A., Philadelphia, Pa. Horseshoe.	820,232	Feb. 8	2447	530	122	608
Messler, Eugene L., Pittsburg, Pa. Gas-relief valve for blast-furnaces.	813,442	May 27	3853	844	120	2470
Messmore, Herbert L., New York, N. Y. Wall-covering.	815,547	Mar. 20	3150	660	121	793
Messner, David A., et al. (See Williams, Harry A., assignor.)						
Mesta, George, Pittsburg, Pa., assignor to Mesta Machine Company. Blowing-engine valve.	833,473	Oct. 16	2965	629	124	2023
Mesta Machine Company. (See Conkling, Charles E., assignor.)						
Mesta Machine Company. (See Helander, Axel H., assignor.)						
Mesta Machine Company. (See Mesta, George, assignor.)						
Meston, Charles R., assignor to Emerson Electric Manufacturing Company, St. Louis, Mo. Machine-operating mechanism.	821,661	May 29	5371	1145	122	1427
Metal Sectional Furniture Company. (See Rice, Lowell H., assignor.)						
Metal Sectional Furniture Company. (See Shoemaker, George A., assignor.)						
Metal Stamping Company. (See Boeck, Charles H., assignor.)						
Metal Stamping Company. (See Fernwell, George, assignor.)						
Metallic Folding Bed Company. (See Jonas, Charles, assignor.)						
Metallic Webbing & Manufacturing Company. (See Cole, Thomas A., assignor.)						
Metals Manufacturing Company. (See Hutchinson, William F., assignor.)						
Metcalf, Clarence E. (See Draper and Metcalf.)						
Metcalf, Clarence E., assignor to Draper Company, Hopedale, Mass. Ring spinning or twisting apparatus.	820,659	May 15	3290	707	122	851
Metcalf, Edwin D., assignor to Columbian Rope Company, Auburn, N. Y. Rope.	809,386	Jan. 9	1580	321	120	381
Metcalf, Foster M., Battle Creek, Mich. Steam pumping-engine.	814,793	Mar. 13	1606	337-8	121	410
Metcalf, Frank G., Southbury, Conn. Metallic railway-tie and means for securing rails thereto.	809,000	Jan. 2	752	163	120	166
Metcalf, George E., Worcester, Mass. Means for truing grinding-wheels. (Reissue.)	12,546	Oct. 23	4707	997	124	2492
Metcalf, John C., Mercersburg, Pa. Reversing mechanism for traction-engines.	834,394	Oct. 30	5029	1065	124	2619
Metcalf, John S., assignor to John S. Metcalf Company, Chicago, Ill. Grain-elevator.	836,392	Nov. 20	2965	628-9	125	831
Metcalf, Walton J., and J. W. Pickering, Leominster, Mass. Ornamental comb.	809,574	Jan. 9	1951	405	120	461
Metcalf, George, Wilczinski, Miss. Harrow.	831,885	Sept. 25	4030	839	124	1112
Metcalf, Jefferson D., assignor of one-half to G. W. Mathis, Darrington, Miss. Winding-lever for motor-vehicles.	830,348	Sept. 4	900	185	124	222
Metcalf, John, assignor of one-half to F. E. Reed Company, Worcester, Mass. Speed-changing mechanism.	833,330	Oct. 16	2656	558-9	124	1950
Methegan, George H., Lima, Ohio. Switch-receptacle.	818,387	Apr. 17	3663	786-7	121	2268
Methessel, Charles F., and W. J. Hartson, assignors of one-third to F. H. Whitney, Milwaukee, Wis. Metallic cord-fastener. (Reissue.)	12,492	June 5	1340	277	122	2019
Metropolitan Air Goods Company. (See Whall, Richard A., assignor.)						
Metropolitan Code Co. (See Gurnee, Daniel C., assignor.)						
Metropolitan Sewing Machine Company. (See Miller, William V., assignor.)						
Metropolitan Sewing Machine Company. (See Weis, John P., assignor.)						
Metropolitan Sewing Machine Company. (See Weis and Robbins, assignors.)						
Metropolitan Trust & Savings Bank, trustee. (See Edwards, Edgar A., assignor.)						
Metten, John F., Philadelphia, Pa. Cooling system for braking and clutch mechanisms.	817,180	Apr. 10	1255	260	121	1698
Mettenheimer, John H., and W. L. Herblin, Austin, Tex. Sewerage system for trains.	809,070	Jan. 2	876	186	120	194
Metterhausen, Carl, Chicago, Ill. Car-coupling.	832,689	Oct. 9	1354	274	124	1578
Mettler, Carl, Munich, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Production of aromatic alcohols.	815,193	Mar. 13	2399		121	581
Mettler, Charles, Munich, Germany. Producing aromatic alcohols and their derivatives.	815,548	Mar. 20	3151		121	793
Mettler, Eugene, Indianapolis, Ind. Guard for boiler-tube cleaners.	811,862	Feb. 6	622	136	120	1616
Mettler, Eugene, Indianapolis, Ind., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Boiler-tube cleaner.	836,267	Nov. 20	2720	579	125	773
Metz, Henry, Bascom, Ohio. Adjustable shoe-top.	815,194	Mar. 13	2400	500	121	581
Metz, Herman A. (See Clarkson, Philip S., assignor.)						
Metz, Herman A. (See Fournieux, Emile A., assignor.)						
Metz, Herman A. (See Tschinkel, Alfred, assignor.)						
Metz, Herman A., New York, N. Y. Pump.	829,723	Aug. 28	4171	883	123	2815
Metzger, David, New York, N. Y. Twisting-machine.	821,814	May 29	5690	1212	122	1500
Metzger, Emanuel, assignor of two-thirds to J. Hardenburgh and N. Davis, Kingston, N. Y. Car-cuspidor.	816,809	Apr. 3	506	111	121	1469
Metzger, Frank B., Bayonne, N. J. Needle and pin holder.	830,609	Sept. 11	1437	299	124	384
Metzger, Frank B., Bayonne, N. J. Transformation toy.	839,400	Dec. 25	4195	898	125	2522
Metzger, Mark E., et al. (See Clippinger, Harry C., assignor.)						
Metzger, Meyer. (See Durboraw, Charles L., assignor.)						
Meumann, Emil K. A., and M. J. Hirsch, Schöna, near Chemnitz, Germany. Sewing-machine for manufacturing smoked plaits.	838,348	Dec. 11	2147	465-6	125	1933
Meurer, Eugene, Muskegon, Mich. Pulp-screen.	830,349	Sept. 4	900	185	124	221
Meurisse, Paul, Lille, France. Steam-boiler.	811,755	Feb. 6	478	103	120	1588
Mewes, Richard W., What Cheer, Iowa. Boiler.	836,522	Nov. 20	3221	686-7	125	894

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Meyer, Anton, St. Louis, Mo. Glass-rolling apparatus.....	810,786	Jan. 23	4428	919	120	1088
Meyer, August R., deceased; E. J. Meyer, executrix, assignor to United Zinc & Chemical Company, Kansas City, Mo. Extraction of precious metals from zinc ores.....	815,614	Mar. 20	3266	.....	121	819
Meyer, Charles, New York, N. Y. Collapsible gate.....	828,229	Aug. 7	1058	222	123	1928
Meyer, Emma J., executrix. (See Meyer, August R.)						
Meyer, Ernest C., assignor to Champion Machinery Company, Cleveland, Ohio. Heading-machine.....	809,520	Jan. 9	1844	381-3	120	439
Meyer, Ernest C., assignor to Cleveland Pneumatic Tool Company, Cleveland, Ohio. Engine.....	819,905	May 8	1730	372-3	122	451
Meyer, Franz, Oak Park, Ill. Piano-bridge.....	812,510	Feb. 13	1994	437	120	1973
Meyer, Frederick, Chicago, Ill. Separator.....	826,781	July 24	4175	867-8	123	1107
Meyer, Frederick F., Pittsburg, Pa. Self-leveling table.....	822,680	June 5	902	184	122	1928
Meyer, George W., Waterloo, Iowa. Journal-box.....	818,634	Apr. 24	4175	898	121	2433
Meyer, George W., and C. G. Chevalier, Sparrows Point, Md. Portable liquid-fuel furnace.....	819,906	May 8	1737	373	122	452
Meyer, Gottfried, and C. G. Braun, Philadelphia, Pa. Fountain paint-brush.....	821,879	May 29	5797	1235	122	1522
Meyer, Hans. (See Anderson and Pederson, assignors.)						
Meyer, Henry. (See Johnson and Meyer.)						
Meyer, Henry, West Hoboken, N. J. Shade-bracket.....	815,195	Mar. 13	2401	500	121	581
Meyer, Henry A., assignor to Wolf Electrical Promoting Company, Cincinnati, Ohio. Circular knife and retaining-gear therefor for cloth-cutting machines.....	813,313	Feb. 20	3588	788	120	2354
Meyer, John H., New Kensington, Pa. Switch-throwing device.....	818,773	Apr. 24	4469	958	121	2498
Meyer, John J., assignor of two-thirds to J. D. Gunn and J. A. Sharp, New York, N. Y. Adjustable clamp for pipes.....	821,426	May 22	4921	1045-6	122	1273
Meyer, Joseph A., and J. S. Satter, Rochester, N. Y. Door.....	823,065	June 12	1671	345-6	122	2140
Meyer, Joseph J., Chicago, Ill. Dish-pan.....	827,168	July 31	5088	1058	123	1351
Meyer, Julius C., New York, N. Y. Sash-lock.....	834,586	Oct. 30	5383	1142	124	2707
Meyer, Lambert G., and E. P. Dehulla, Detroit, Mich. Bread-cutter.....	836,694	Nov. 27	3590	765	125	1016
Meyer, Louis, Dayton, Ky. Vegetable-washer.....	810,548	Jan. 23	3986	820	120	991
Meyer, Louis, New York, and J. B. Losey, Groton, N. Y. Type-writing machine.....	835,453	Nov. 6	1159	250	125	291
Meyer, Martin, Sheffield, Iowa. Corn-planter.....	832,022	Sept. 25	4278	895	124	1174
Meyer, Maurice, Brooklyn, N. Y. Lacing for wearing-apparel.....	819,907	May 8	1738	374	122	453
Meyer, Max, Berlin, Germany. Apparatus for delivering acid and alkaline liquids in measured quantities.....	823,287	June 12	2155	450	122	2247
Meyer, Phillip, Santa Rosa, Cal. Superheater-retort.....	828,493	Aug. 14	1619	342	123	2099
Meyer, Ralph J., Grand Junction, Colo. Fly-screen.....	822,534	June 5	592	119	122	1857
Meyer, Sophie, assignor to A. and E. Frankenstein and S. Buyer, New York, N. Y. Back and bust supporter.....	817,653	Apr. 10	2178	463	121	1890
Meyer, William J. (See Vogel and Meyer.)						
Meyer, William J., Milwaukee, Wis. Spring-power motor.....	827,647	July 31	6127	1272-3	123	1609
Meyers, Charles A., Leipsic, Ohio. Press for molding cement or plastic blocks.....	811,423	Jan. 30	5691	1191-2	120	1393
Meyers, Charles H., and E. Loudenslager, Columbus, Ohio. Water-heating boiler.....	821,304	May 22	4649	990	122	1212
Meyers, Edna L., Cameron, Tex. Wheel-tire machine.....	836,593	Nov. 20	3346	713	125	924
Meyers, Frederick, Chicago, Ill., and C. T. Hildebrandt, assignors to Dayton Hydraulic Machinery Co., Dayton, Ohio. Sewage-ejector.....	821,050	May 22	4154	883	122	1103
Meyersberg, Gustav, Berlin, Germany, assignor to General Electric Company. Nozzle for elastic-fluid turbines.....	814,466	Mar. 6	942	193	121	205
Meyersberg, Gustav, Berlin, Germany, assignor to General Electric Company. Multi-stage turbine.....	839,171	Dec. 25	3752	811	125	2414
Meyn, Anthony. (See Di Vito and Meyn.)						
Meyn, Charles G., Rochester, N. Y. Producing zinc lithographic plates.....	838,349	Dec. 11	2150	.....	125	1932
Meyners, Henry, Palestine, Tex. Machine for grinding valve-seats.....	817,435	Apr. 10	1769	371	121	1805
Meyrowitz, Emil B., New York, N. Y. Goggles.....	835,828	Nov. 13	1867	394	125	515
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz Manufacturing Co. Eyeglasses.....	809,001	Jan. 2	753	163	120	166
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz Manufacturing Company. Opera-glass.....	822,215	May 29	6443	1369	122	1670
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz-Manufacturing Company. Eyeglass-holder.....	823,133	June 12	1825	377	122	2173
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz Manufacturing Company. Eyeglasses.....	824,944	July 3	536	106	123	143
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz Manufacturing Company. Eyeglasses.....	833,077	Oct. 9	2119	446	124	1765
Meyrowitz Manufacturing Company. (See Meyrowitz, Emil B., assignor.)						
Mez, Gustav, Baden, Germany. Letter-file and the like.....	822,147	May 29	6318	1343	122	1642
Michael, Lazelle A., trustee. (See Olmsted, Albert P., assignor.)						
Michaelis, Albert H., Freeport, Ill. Hook and eye.....	824,257	June 26	4016	860	122	2767
Michaelis, Clyde, Omaha, Nebr. Window-lift.....	833,331	Oct. 16	2658	559	124	1950
Michaelis, Gustavus, Albany, N. Y. Paint-remover.....	812,582	Feb. 13	2153	.....	120	2005
Michaelis, Gustavus, assignor to Albany Chemical Company, Albany, N. Y. Paint-remover.....	823,801	June 19	3154	.....	122	2522
Michalk, Wilhelm, Deuben, near Dresden, Germany. Steam lubricating apparatus.....	826,517	July 17	3727	772	123	978
Michaud, Elzear, Montreal, Quebec, Canada. Head and back rest for beds.....	831,517	Sept. 18	3233	682	124	869
Michel, Albert, et al. (See Klousnitzer, Frank, assignor.)						
Michel, Albert J., Scranton, Pa. Pipe-coupling.....	828,230	Aug. 7	1060	223	123	1929
Michele, Abruzzo, assignor of one-half to B. Gasparro, Pittsburg, Pa. Repeating firearm or rifle.....	819,153	May 1	227	48-9	122	56
Michelena é Inarra, Nicolas, Renteria, Spain. Artificial-stone post or column.....	816,171	Mar. 27	4444	941	121	1125
Michell, Henry C., London, England. Manufacture of flake mica from mica plates, crystals, or nodules.....	832,494	Oct. 2	954	189-90	124	1442
Michie, Henry C., Jr., Charlottesville, Va. Hypodermic-syringe case.....	824,371	June 26	4234	903	122	2812
Michigan Buggy Company. (See Grant, Thomas, assignor.)						
Michigan Lubricator Co. (See Bryant, William E., assignor.)						
Michigan Lubricator Company. (See Bryant, Wolcott, and Davidson, assignors.)						
Michigan Machinery Manufacturing Company. (See Dobson, John E., assignor.)						
Michigan Wire Fence Company. (See Morse, John J., assignor.)						
Michigan Woven Wire Fence Co. (See Raymond, George A., assignor.)						
Mick, Josiah O., assignor of two-fifths to A. J. Berkey, Goshen, Ind. Canopy-support and chandelier.....	810,068	Jan. 16	2950	615	120	733
Mick, Richard M., Bussey, Iowa. Carbureter.....	814,617	Mar. 6	1227	258	121	265
Mickey, Simon P., Monarat, and C. W. Caldwell, Galax, Va. Railway-track machine.....	815,727	Mar. 20	3514	738-9	121	874
Mickle, Harry. (See Lockwood, Morris C., assignor.)						
Mickle, Robert T., Philadelphia, Pa., assignor to Ridgely and Johnson Tool Company. Starting mechanism for pneumatic tools.....	818,037	Apr. 17	2971	642	121	2122
Middlebrook, William D., assignor to Oakville Company, Waterbury, Conn. Machine for making safety-pins.....	812,762	Feb. 13	2480	544-5	120	2069

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
Middleby, Joseph, Jr. (See Dooley, Thomas B., assignor.)						
Middleby Oven Manufacturing Company. (See Faulds, John, assignor.)						
Middleton, George, Putney, London, England. Wheel for road-vehicles.	827,930	Aug. 7	468	96	123	1789
Middleton, John Y. (See Middleton, William and J. Y.)						
Middleton, Robert A., Rexburg, Idaho. Carburetor for gasoline-engines.	822,681	June 5	903	185	122	1929
Middleton, William and J. Y., Newcastle-upon-Tyne, England. Terminal or coupling for electric cables.	817,329	Apr. 10	1546	325	121	1757
Middleton, Winton G., Tucson, Ariz. Ter., assignor to Mergenthaler Linotype Company. Linotype-machine.	830,350	Sept. 4	902	185-6	124	223
Middleton, Winton G., Tucson, Ariz. Ter., assignor to Mergenthaler Linotype Company. Linotype-machine.	834,835	Oct. 30	5903	1250-1	124	2840
Middletown Car Works. (See Aderholt, Dawson, assignor.)						
Midgard, Andrew J., Stoughton, Wis. Manifolding-book.	818,388	Apr. 17	3665	787	121	2269
Midgley, Thomas, Hartford, Conn. Vehicle-wheel.	839,018	Dec. 18	3400	733	125	2280
Mieden, Adam, Seattle, Wash. Dumping-car.	820,006	May 8	2000	438-9	122	508
Miehle, Robert, Chicago, Ill. Air-cushion for printing-presses.	836,268	Nov. 20	2722	580	125	773
Miehle, Robert, Chicago, Ill. Inking mechanism for cylinder-presses.	837,093	Nov. 27	4411	935-6	125	1221
Miehle, Robert, Chicago, Ill. Means for holding and registering printing-plates.	838,039	Dec. 11	1508	325	125	1773
Mielenhausen, George, New York, N. Y. Combusting coal mixtures in furnaces.	825,066	July 3	753	158	123	202
Mielke, O. W. (See Stassart, Lola O., assignor.)						
Mierswa, Ralph E., Oshkosh, Wis. Backwater-trap.	833,614	Oct. 16	3249	691	124	2090
Mietens, Oscar. (See Osoling, Adolph A., assignor.)						
Mietheke, Charles F., and F. J. Mach, New York, N. Y. Clothes-line support.	812,583	Feb. 13	2154	471	120	2005
Mighell, Louis J., Lake City, Iowa. Grain-door for cars.	823,735	June 19	3026	640	122	2493
Mighell, Seward N., Chicago, Ill. Coal-mining machine.	827,746	Aug. 7	106	22	123	1696
Mighill, Thomas A., assignor to Stone & Webster, Boston, Mass. Pressure-regulator.	827,410	July 31	5557	1156-7	123	1466
Mihills, Frank N., Boston, Mass. Rail-tie.	815,364	Mar. 20	2800	583	121	715
Mihills, Merrick A., Highland Park, Ill. Safety-razor.	823,134	June 12	1827	377	122	2173
Mika, Albert D. (See Courtwright and Mika.)						
Mikkelsen, Edward M., Chicago, Ill. Game-board.	829,222	Aug. 21	3102	652	123	2509
Mikkelsen, Hans A., Granite Falls, Minn. Checkrein-holder.	825,146	Sept. 3	909	192	123	240
Mikolajczak, Anton, Kastrop, Germany. Manufacture of glycerin nitrates.	830,909	July 11	2037	124	543	
Mikolasek, John F., Vodnany, S. D. Ditching-plow.	811,424	Jan. 30	5695	1192	120	1394
Mikolasek, Wenceslaus F., Vodnany, S. D. Rain-water filter.	838,129	Dec. 11	1720	370	125	1826
Mikorey, Hans, Schöneberg, near Berlin, assignor to W. Graaff & Company Gesellschaft mit beschränkter Haftung, Berlin, Germany. Compressor.	813,443	Feb. 27	3854	844	120	2470
Mikorey, Hans, Schöneberg, near Berlin, assignor to W. Graaff & Co., Gesellschaft mit beschränkter Haftung, Berlin, Germany. Chemical fire-extinguisher.	828,860	Aug. 14	2325	495	123	2278
Mikorey, Hans, Schöneberg, near Berlin, assignor to Firm of W. Graaff & Compagnie Ges. mit Beschr. Haftung, Berlin, Germany. Hand-operated color-spraying device with interchangeable color-receptacle.	835,708	Nov. 13	1635	348	125	456
Mikorey, Hans, Schöneberg, near Berlin, assignor to Firm of W. Graaff & Compagnie Ges. mit Beschr. Haftung, Berlin, Germany. Color-spraying apparatus.	835,888	Nov. 13	1971	418	125	536
Milam, James, Kansas City, Kans. Concrete-wall-building device.	839,496	Dec. 25	4407	940-1	125	2573
Milans, Joseph H., Washington, D. C. Sound-reproducing disk record.	832,403	Oct. 2	772	150	124	1399
Milbery, Thomas C. B. (See Taylor, McMillen, and Milbery.)						
Milch, Maurice, Schenectady, N. Y., assignor to General Electric Company. Alternating-current-motor control.	819,571	May 1	1048	230	122	235
Milch, Maurice, Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor and starting-switch.	819,572	May 1	1050	230	122	236
Milch, Maurice, Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	827,319	July 31	5374	1117	123	1420
Milch, Maurice, Schenectady, N. Y., assignor to General Electric Company. Repulsion-motor control.	832,741	Oct. 9	1452	293	124	1602
Milch, Maurice, Schenectady, N. Y., assignor to General Electric Company. Constant-current generator.	835,363	Nov. 6	975	208	125	247
Milch, Maurice, Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	839,401	Dec. 25	4196	899	125	2522
Mild, Charles, Mount Vernon, Ohio. Condenser.	828,042	Aug. 7	703	145	123	1844
Miles, Bernard N., North Ridgeville, Ohio. Washbasin.	837,487	Dec. 4	414	94	125	1459
Miles, Casper W., Cincinnati, Ohio. Compressor for ice-machines.	825,973	July 17	2629	546	123	703
Miles, Clarence B. (See Wanamaker and Miles.)						
Miles, George W., Belmont, Mass. Cellulose derivative and making the same.	838,350	Dec. 11	2151	125	1932	
Miles, Harriet, New York, N. Y., assignor to Nealon Company. Hose-supporter clasp.	821,949	May 29	5944	1266	122	1554
Miles, Harriet, New York, N. Y., assignor to Nealon Company. Hose-supporter clasp.	832,073	Oct. 2	88	19	124	1233
Miles, John H., Hammond, Cal. Conveyor.	833,474	Oct. 16	2967	630	124	2024
Miles, Joseph F., assignor to A. N. Rodgers and J. W. Wade, Paris, Tex. Combined water-heater and smoke-consumer.	828,494	Aug. 14	1620	342-3	123	2100
Miles, Lucius C., et al. (See Stevens, William C., assignor.)						
Miles, Reuben M., and E. Young, Haverhill, Mass. Shoe-lacer.	827,987	Aug. 7	589	119	123	1817
Miles, Richard B., Indianapolis, Ind. Folding vehicle-top.	820,059	May 8	2116	461	122	535
Miles, Theodore S., Omaha, Neb. Ink-well.	830,351	Sept. 4	905	136	124	224
Miles, William, Jackson, Mich. Mixing-machine.	833,790	Oct. 23	3593	768	124	2218
Miley, James R. (See Johnson, James P., assignor.)						
Miley, John, assignor to Craven Brothers, Limited, Manchester, England. Reversing mechanism for machine-tools.	825,231	July 3	1081	228	123	282
Miley, John J., Boston, Mass. Electric fuse.	834,989	Nov. 6	220	47	125	58
Milham, Harry K., Twickenham, England. Reversible or feathering screw-propeller.	822,064	May 29	6153	1312	122	1608
Milks, Harry S., Parsons, Kans. Measuring implement.	825,606	July 10	1896	400	123	504
Mill Machinery Manufacturers. (See Chapman, Frank M., assignor.)						
Millar, John, Cincinnati, Ohio. Belt-fastener.	817,501	Apr. 10	1905	401	121	1835
Millar, William, New Hamburg, Ontario, Canada. Compensating stovepipe joint and coupling.	839,498	Dec. 25	4413	941	125	2574
Millard, Charles O., assignor of one-half to G. Levia, Bruce, Wis. Horseshoe.	828,495	Aug. 14	1622	343	123	2100
Millard, Harry E. (See Millard, Jacob B. and H. E.)						
Millard, Jacob B. and H. E., Lebanon, Pa. Hoisting apparatus.	835,829	Nov. 13	1869	394-5	125	515
Millard, Jacob B. and H. E., Lebanon, Pa. Car for hoisting apparatus.	835,830	Nov. 13	1870	395-6	125	515
Millen, Walter G. (See Seavey and Millen.)						
Miller, Abel A., Franklin, Pa. Taper shank for drills and like tools.	837,322	Dec. 4	91	24	125	1377
Miller, Abraham, Newton, Iowa. Automatic fly-brush and door-closer.	821,880	May 29	5798	1235	122	1522
Miller, Adolph, assignor to Miller Manufacturing Company, St. Louis, Mo. Refrigerator.	829,167	Aug. 21	3004	627	123	2484
Miller, Alfred, Toronto, Ontario, Canada. Sanitary protector for head-rests for barbers' chairs.	838,733	Dec. 18	2882	620	125	2155
Miller, Alfred E., Pittsfield, Ill. Mold.	832,074	Oct. 2	89	20	124	1233
Miller, Alva. (See Barnes, Blackmun, and Miller.)						
Miller, Andrew F., assignor, by mesne assignments, to H. Cassard, Baltimore, Md. Broom-sewing machine.	820,980	May 22	4017	853-5	122	1073

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Miller, Andrew E., assignor, by mesne assignments, to H. Cassard, Baltimore, Md. Broom-sewing machine.....	825,402	July 10	1436	301-2	123	391
Miller, Andrew E., assignor, by mesne assignments, to H. Cassard, Baltimore, Md. Broom-sewing machine.....	827,169	July 31	5088	1058-61	123	1351
Miller, Anna G., Muskegon, Mich. Hook and eye.....	814,556	Mar. 6	1113	232	121	241
Miller, Arthur K., Peekskill, N. Y. Pump.....	808,857	Jan. 2	451	99	120	100
Miller, Arthur S., Birmingham, Ala. Cylinder relief-valve.....	839,172	Dec. 25	3753	811	125	2414
Miller, Ashbel A. (See Van Horn and Miller.)						
Miller, Benjamin F. D., assignor to J. J. Rusek and H. J. Lehman, Wooster, Ohio. Thill-tug.....	828,231	Aug. 7	1061	223	123	1929
Miller, Burns S., Everett, Wash. Danger-signal.....	833,935	Oct. 23	3935	835	124	2306
Miller, Charles, Binghamton, N. Y. Tire.....	818,184	Apr. 17	3268	700	121	2186
Miller, Charles A., Buffalo, N. Y. Game apparatus.....	821,111	May 22	4274	909	122	1129
Miller, Charles A., Sturgis, Mich. Tank for water-closets.....	825,921	July 17	2528	526	123	674
Miller, Charles A., Leafriver, Minn. Wire-stretcher.....	830,797	Sept. 11	1834	381	124	492
Miller, Charles E., <i>et al.</i> (See McCaffrey, Michael J., assignor.)						
Miller, Charles J., Minneapolis, Minn. Store-service apparatus.....	809,714	Jan. 9	2234	463	120	523
Miller, Charles M., Tyrone, Pa. Coaling device for moving trains.....	811,425	Jan. 30	5695	1192-3	120	1394
Miller, Charles T., and D. B. Storek, Battle Creek, Iowa. Chimney-cowl.....	826,345	July 17	3346	692	123	879
Miller, Chauncey D., Poughkeepsie, N. Y. Tooth-brush.....	835,709	Nov. 13	1636	348	125	456
Miller, Clara B., Sewaren, N. J. Dish-washing apparatus.....	821,250	May 22	4533	965	122	1188
Miller, Conrad, Denver, Colo. Dumping-wagon.....	814,861	Mar. 13	1720	359-60	121	434
Miller, Cyrus E., <i>et al.</i> (See Ober, Edward J., assignor.)						
Miller, D. D., Wooster, Ohio. Door-hanger.....	823,066	June 12	1673	346	122	2140
Miller, David. (See Geisenhöner and Miller.)						
Miller, David, Evanston, Ill. Bowling-alley.....	809,715	Jan. 9	2235	464	120	524
Miller, David, Schenectady, N. Y., assignor to General Electric Company. Starting-rheostat.....	822,290	June 5	134	26	122	1758
Miller, David R., Chicago, Ill. Printing-cylinder.....	824,803	July 3	240	43	123	67
Miller, Dennis L. (See Holland, David L., assignor.)						
Miller, Edward, Homestead, Pa. Clothes-line hook.....	835,971	Nov. 13	2112	453	125	570
Miller, Edward H., assignor to National Straw Binder and Machine Co., Indianapolis, Ind. Game apparatus.....	824,879	July 3	399	76-7	123	109
Miller, Edward J., <i>et al.</i> (See Bauer, William, assignor.)						
Miller, Edward J., Cambridge Springs, Pa. Bottle.....	826,261	July 17	3188	660	123	839
Miller, Edward R., Wytheville, Va. Harrow.....	809,716	Jan. 9	2237	464	120	524
Miller, Eli J., York, Pa. Dish-washer.....	829,414	Aug. 28	3488	733	123	2649
Miller, Elmer B., and P. C. Sayer, assignors to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash-cord guide.....	831,796	Sept. 25	3816	799	124	1060
Miller, Emil, Concordia, Kans. Bottle.....	838,130	Dec. 11	1721	370	125	1827
Milet, Ernest H., assignor of two-thirds to J. W. Holman and C. V. Rote, Lancaster, Pa. Electromagnet.....	812,511	Feb. 13	1997	438	120	1973
Miller, Ernest H., assignor of two-thirds to J. W. Holman and C. V. Rote, Lancaster, Pa. Electromagnet.....	815,365	Mar. 20	2801	583	121	715
Miller, Ernest H., and C. V. Rote, assignors of one-third to J. W. Holman, Lancaster, Pa. Air-brake.....	811,863	Feb. 6	623	136-7	120	1616
Miller, Ernest L., Louisville, Ky. Bottling-machine.....	809,621	Jan. 9	2053	426	120	482
Miller, Francis M., Neutral, Kans. End-gate.....	815,454	Mar. 20	2979	620	121	757
Miller, Frank E. (See Isham and Miller.)						
Miller, Franklin P., Bloomfield, N. J. Tool-holder.....	811,786	Feb. 6	479	103	120	1588
Miller, Fred H. (See Kieren, Henry, assignor.)						
Miller, Frederick C., Cincinnati, Ohio. Front axle for automobiles.....	811,076	Jan. 30	5002	1044	120	1247
Miller, Frenzy E., <i>et al.</i> (See McFadden, Winning P., assignor.)						
Miller, George B., Parry Sound, Canada. Gang-saw for manufacturing lumber.....	808,671	Jan. 2	95	22	120	23
Miller, George C., <i>et al.</i> (See Landau, John, assignor.)						
Miller, George C. (See Ruhlman and Miller.)						
Miller, George E., assignor of one-half to E. L. Pequegnat, Riverside, Cal. Fruit-display box.....	811,651	Feb. 6	227	49	120	1535
Miller, George F., Brooklyn, assignor to American Can Company, New York, N. Y. Sifter-top powder box or can.....	834,314	Oct. 30	4864	1028	124	2577
Miller, George H. (See Johnson and Miller.)						
Miller, George H., Norwalk, Ohio. Track-anchor.....	835,910	Nov. 13	2013	428	125	547
Miller, George J., Endicott, Wash. Animal-trap.....	809,203	Jan. 2	1143	237	120	251
Miller, George P. (See Miller, George W. and G. P.)						
Miller, George W., Osceola, Wis. Acetylene-generator.....	836,695	Nov. 27	3592	766	125	1016
Miller, George W., and G. P. Augusta, Me. Sash-fastener.....	824,667	June 26	4831	1030	122	2940
Miller, Gideon D., Springs, Pa. Superheater for boiler fire-boxes.....	821,662	May 29	5373	1145	122	1427
Miller, Gus L. (See Hedges and Miller.)						
Miller, Gustav A., Wichita, Kans. Theatrical scenic apparatus.....	817,577	Apr. 10	2050	431-2	121	1863
Miller, Gustav F., and J. Kronier, Frankfort-on-the-Main, Germany. Packing for water-tube boilers.....	815,930	Mar. 20	3946	836	121	964
Miller, Harold A., assignor of one-half to H. E. McGuire, Pittsburg, Pa. Sterilizer.....	837,094	Nov. 27	4416	936	125	1223
Miller, Harry A., Los Angeles, Cal. Sparking device.....	813,104	Feb. 20	3163	692	120	2266
Miller, Harvey C., Philadelphia, Pa. Cleaning grains.....	810,960	Jan. 30	4806	999	120	1204
Miller, Harvey C., Philadelphia, Pa. Apparatus for cleaning grains.....	812,799	Feb. 13	2553	561	120	2085
Miller, Henry, Seattle, Wash. Ice chest water-cooler.....	825,855	July 10	2408	502	123	633
Miller, Henry C., Waterford, N. Y. Buttonhole-sewing machine.....	810,297	Jan. 16	4768	707-8	120	828
Miller, Henry C., Waterford, N. Y. Machine for assembling collar-blanks.....	813,908	Feb. 27	3419	1052-3	120	2670
Miller, Henry C., Waterford, N. Y. Locating-gage for sewing-machines.....	822,535	June 5	593	119-20	122	1857
Miller, Henry G. (See Loew and Miller.)						
Miller, Henry G., Cleveland, Ohio, assignor to Loew Supply & Manufacturing Company, Cranford, N. J. Feed-water heater.....	812,944	Feb. 20	2849	628	120	2197
Miller, Henry G., assignor to Loew Manufacturing Company, Cleveland, Ohio. Oil-separator.....	832,616	Oct. 9	1210	244	124	1545
Miller, Henry G., and G. R. Lawrence, Cleveland, Ohio. Racking apparatus.....	808,941	Jan. 2	627	137	120	138
Miller, Henry J., Goshen, N. Y. Sulky.....	815,615	Mar. 20	3267	685-6	121	819
Miller, Henry J., Goshen, N. Y. Sulky.....	815,616	Mar. 20	3271	687	121	820
Miller, Henry J., Goshen, N. Y. Road-vehicle.....	839,613	Dec. 25	4624	986	125	2626
Miller, Henry J., Sheboygan, Wis. Saw-set.....	824,996	July 3	639	128	123	167
Miller, Henry N., Buffalo, N. Y. Advertising device.....	826,681	July 24	4081	847	123	1085
Miller, Henry S., Fond du Lac, Wis. Screen for photographic camera-lenses.....	809,830	Jan. 9	2434	505-6	120	568
Miller, Herbert, Hudson, N. Y. Interchangeable and adjustable hand, band, and jig saw filing machine.....	819,573	May 1	1054	231	122	237
Miller, Howard O., Brockton, Mass., assignor, by mesne assignments, to O. A. Miller Treeing Machine Company, Portland, Me. Display-form.....	828,328	Aug. 14	1294	273	123	2015
Miller, Howard O., Brockton, Mass., assignor, by mesne assignments, to O. A. Miller Treeing Machine Company, Portland, Me. Boot or shoe holder.....	838,198	Dec. 11	1859	398	125	1862

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Miller, Ione, Bradford, Pa. Detachable button.	820,588	May 15	3171	683	122	827
Miller, Ira, <i>et al.</i> (See McFadden, Winning P., assignor.)						
Miller, Isaac N., Somerset, Ind. Fence-post.	824,562	June 26	4631	985	122	2897
Miller, Jacob C., Greenwood, Ind. Feeding device.	812,665	Feb. 13	2298	500	120	2032
Miller, James B., Rochester, N. Y. Basket.	831,730	Sept. 25	3699	774	124	1030
Miller, James C., assignor to Forter Miller Engineering Company, Pittsburg, Pa. Furnace.	813,226	Feb. 20	3408	751	120	2316
Miller, James M., Rushville, Ind. Corn-lifting device.	813,509	Feb. 27	3982	874	120	2500
Miller, Jasper N., Ashland, Oreg. Book-holder.	813,227	Feb. 20	3410	751	120	2316
Miller, Jeremiah, Chicago, Ill. Neck-yoke.	823,957	June 19	3448	737	122	2588
Miller, John, Jr., assignor to W. E. Biddle, Amesbury, Mass. Overhead trolley harp and shoe for electric railways.	810,069	Jan. 16	2950	615	120	733
Miller, John, Minneapolis, Minn., assignor to Winner Block Machine Company. Concrete-mixer.	819,299	May 1	535	113	122	123
Miller, John, Jr., Beloit, Wis., assignor to C. H. Besly, Chicago, Ill. Nut-grinding device.	828,563	Aug. 14	1759	370	123	2136
Miller, John A., Baltimore, Md., assignor to J. M. Thurston, trustee, Washington, D. C. Safety system for motor-propelled cars.	823,478	June 12	2515	528	122	2323
Miller, John B. P., Louisville, Ky. Nut-cracker.	827,648	July 31	6129	1273	123	1609
Miller, John C., <i>et al.</i> (See Laube, Godfred and G. C. G., assignors.)						
Miller, John C. (See Rymill, Painter, and Miller.)						
Miller, John C., Jackson, Mich. Block-mold.	810,494	Jan. 23	3867	794	120	966
Miller, John C., Oil City, Pa. Pull-rod coupling.	834,836	Oct. 30	5905	1251	124	2841
Miller, John C., assignor, by mesne assignments, to Miller Pasteurizing Machine Co., Canton, Ohio. Apparatus for sterilizing liquids. (Reissue.)	12,448	Feb. 6	1329	289	120	1762
Miller, John C., assignor to Miller Pasteurizing Machine Company, Canton, Ohio. Pasteurizer.	820,981	May 22	4023	855-6	122	1074
Miller, John C., assignor of one-half to G. Holoach, Philadelphia, Pa. Combination shade-bracket and curtain-holder.	819,362	May 1	671	141	122	153
Miller, John C., Oak Park, and L. E. Howard, La Grange, Ill., assignors to Simonds Manufacturing Company, Fitchburg, Mass. Grinding-machine.	823,613	June 19	2792	591-2	122	2442
Miller, John C. W., Wenatchee, Wash. Ink or mucilage bottle.	835,972	Nov. 13	2113	453	125	570
Miller, John H., Hamburg, Pa. Dumb-waiter.	830,910	Sept. 11	2038	429	124	543
Miller, John H., Fort Jennings, Ohio. Coin-operated vending-machine.	837,702	Dec. 4	859	193-4	125	1568
Miller, John L., Wood River, Nebr. Check-row corn-planter.	812,666	Feb. 13	2299	500	120	2032
Miller, John N. (See Stedham and Miller.)						
Miller, John S., St. Louis, Mo. Coffee-roaster.	824,037	June 19	3602	767	122	2618
Miller, John W. (See French and Miller.)						
Miller, John W., Chicago, Ill. Cylinder-compression-relief valve.	816,348	Mar. 27	4817	1020-1	121	1204
Miller, John W., Akron, Ohio. Well-drilling machine.	816,988	Apr. 3	890	184	121	1556
Miller, John Z., Erie, Pa. Telephone-transmitter.	809,831	Jan. 9	2435	506	120	568
Miller, John Z., Erie, Pa. Telephone.	830,161	Sept. 4	520	106	124	131
Miller, Joseph, Bexhill, England. Instrument for softening dental trial-plates.	835,628	Nov. 13	1498	319	125	423
Miller, Joseph G., Chicago, Ill. Coupling for conduit-pipes.	826,437	July 17	3516	732	123	920
Miller, Joseph R. (See Sutton, Ross S., assignor.)						
Miller, Julius J., St. Joseph, Mich., assignor to W. P. Healy, Chicago, Ill. Machine for making wire-bound box-blanks.	815,196	Mar. 13	2403	501-3	121	581
Miller, Julius J., St. Joseph, Mich., assignor to W. P. Healy, Chicago, Ill. Machine for use in making metal-bound packages.	815,197	Mar. 13	2415	503-5	121	586
Miller, Lafayette, Saratoga Springs, N. Y. Whip-holder.	821,427	May 22	4923	1046	122	1274
Miller, Lewis, Elwood, Ind. Transplanter.	838,199	Dec. 11	1860	398	125	1863
Miller, Lewis L., Despatch, N. Y. Cord and rope holder.	819,363	May 1	672	142	122	154
Miller, Luther O., Middletown, assignor to Industrial Engineering Company, Columbus, Ohio. Conveyor.	819,908	May 8	1741	374	122	453
Miller Manufacturing Company. (See Miller, Adolph, assignor.)						
Miller, Marcell A., Belleville, Ill. Hay-loader.	839,497	Dec. 25	4411	941	125	2574
Miller, Mark, Hugheston, W. Va. Dining-table.	831,797	Sept. 25	3818	799	124	1060
Miller, N. Albert. (See Hansen, Emil E., assignor.)						
Miller, Otis H., Riverdale, Md. Folding bed.	826,590	July 24	3907	809	123	1038
Miller, Otis E. (See Merrick and Miller.)						
Miller Pasteurizing Machine Co. (See Miller, John C., assignor.) (Reissue.)						
Miller Pasteurizing Machine Company. (See Miller, John C., assignor.)						
Miller, Peter F., Blooming Prairie, Minn. Stanchion.	835,911	Nov. 13	2014	428	125	548
Miller, Peter J., Mountaintop, Pa. Rail-joint.	821,950	May 29	5945	1266	122	1555
Miller, Philip C., Chicago, Ill. Valve.	824,945	July 3	537	106	123	144
Miller, Philip C., Chicago, Ill. Dust-collector.	838,879	Dec. 18	3158	680	125	2221
Miller, Reuben, Jr., assignor of one-half to D. W. Dunlevy, Pittsburg, Pa. Air-valve for gas-engines.	823,185	June 12	1933	398	122	2199
Miller, Richard, Appleton, Wis. Hay-carrier.	811,572	Feb. 6	74	15	120	1501
Miller, Robert B. (See Cornish, Charles W. A., assignor.)						
Miller, Robert E., Russellville, Ark. Thill-coupling.	820,660	May 15	3292	707	122	852
Miller, Robert R., Grand Rapids, Mich. Incandescent-lamp socket.	813,568	Feb. 27	4109	901	120	2529
Miller, Rudolph, Wheaton, Minn. Draft-equalizer.	818,038	Apr. 17	2973	642	121	2123
Miller, Sam, Marshfield, Wis. Artificial fruit.	836,887	Nov. 27	3968	848	125	1117
Miller, Samuel C., Louisville, Ky. Bottle-capping machine.	817,129	Apr. 3	1138	236	121	1613
Miller, Samuel H., Oklahoma, Okla. Ter. Wrench.	839,614	Dec. 25	4626	987	125	2627
Miller, Samuel P., Boston, Mass. Cigar retainer and cutter.	812,064	Feb. 6	1062	231	120	1705
Miller, Samuel W., Philadelphia, Pa. Side-dump car.	837,417	Dec. 4	277	68	125	1425
Miller, Samuel W., Columbus, Ohio. Valve.	838,433	Dec. 11	2315	501	125	1972
Miller, Stanley G., <i>et al.</i> (See Tate, Hugh J., assignor.)						
Miller, Thomas, Auburn, R. I. Mechanism for molding and vulcanizing rubber soles on shoes.	817,791	Apr. 17	2471	528	121	2011
Miller, Thomas D. (See Logan, Eugene J., assignor.)						
Miller, Thomas K. (See McBride, Patrick L., assignor.)						
Miller, Thomas S., South Orange, N. J. Cableway.	809,387	Jan. 9	1582	321-2	120	381
Miller, Thomas S., South Orange, N. J. Rope-drum.	809,968	Jan. 16	2722	560	120	682
Miller, Thomas S., South Orange, N. J. Rope-drum.	821,305	May 22	4650	991	122	1212
Miller, Thomas S., South Orange, N. J. Friction clutch mechanism.	827,382	July 31	5495	1142-3	123	1449
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Conveyor.	808,858	Jan. 2	452	100	120	101
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Hoisting and conveying apparatus.	814,717	Mar. 13	1454	305	121	378
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Conveyor.	815,852	Mar. 20	3800	802-3	121	933
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Sheave-block.	837,703	Dec. 4	861	194	125	1568
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Cable tension apparatus.	839,019	Dec. 18	3403	734	125	2281
Miller, Thomas W., Akron, Ohio. Water bag or bottle.	815,366	Mar. 20	2803	584	121	715

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette	
			Spec.	Dr'g	Vol.	Page.
Miller, Vernon B., Philadelphia, Pa. Starting mechanism for gas-engines.....	812,584	Feb. 13	2155	472	120	2005
Miller, Wallace. (See Minerd, Charles A., assignor.)						
Miller, Warren H., assignor to Sheffield Car Company, Three Rivers, Mich. Hand-car.....	830,610	Sept. 11	1439	299-300	124	384
Miller, William A. (See Dronsfield, Albert J., assignor.)						
Miller, William A., Boston, Mass. Self-sealing bottle.....	817,181	Apr. 10	1258	261	121	1698
Miller, William E. (See Blodgett and Miller.)						
Miller, William G., West Medway, Mass. Gas-engine.....	810,495	Jan. 23	3868	795	120	966
Miller, William G., Cambridge, Mass. Safety device for elevators.....	837,323	Dec. 4	92	24	125	1377
Miller, William H., Galveston, Tex. Sheet-metal fireproof window.....	810,663	Jan. 23	4195	868	120	1038
Miller, William H., Galveston, Tex. Window construction.....	816,241	Mar. 27	4570	973	121	1152
Miller, William H., Galveston, Tex. Fireproof window.....	816,242	Mar. 27	4573	973-4	121	1152
Miller, William J. (See Frayer and Miller.)						
Miller, William R., assignor to Forter-Miller Engineering Company, Pittsburg, Pa. Continuous-heating furnace.....	815,198	Mar. 13	2422	505	121	588
Miller, William R., assignor to Forter-Miller Engineering Company, Pittsburg, Pa. Reverse-valve.....	833,170	Oct. 16	2317	485-6	124	1862
Miller, William R., Pittsburg, and P. V. Cole, Allegheny, assignors to Forter-Miller Engineering Company, Pittsburg, Pa. Continuous ingot-heating furnace.....	822,380	June 5	297	61	122	1790
Miller, William V., assignor to Metropolitan Sewing Machine Company, Nyack, N. Y. Pitman connection.....	810,961	Jan. 30	4808	999	120	1204
Miller, William W., Oakland, Cal. Railway-switch.....	836,393	Nov. 20	2968	630	125	832
Miller, Wilson W., Newton, Kans. Push-rake.....	813,569	Feb. 27	4111	901	120	2529
Miller, Wilson W., Newton, Kans. Hoisting apparatus.....	824,258	June 26	4017	860	122	2767
Millers Falls Company. (See Parsons, William J., assignor.)						
Millet, Liberty, Hagerman, Idaho. Wall structure.....	824,563	June 26	4632	985	122	2897
Millet, Phillip A., and A. M. Powell, Worcester, Mass. Angle-sawing mechanism.....	822,291	June 5	135	26-7	122	1758
Millett, George A., Cedar City, Utah. Reservoir-gate.....	832,495	Oct. 2	958	190-1	124	1442
Millett, Shirley S., Kansas City, Mo. Duplicating and swaging device.....	836,196	Nov. 20	2573	543	125	734
Millican, John M., Brazos, Tex. Gate.....	824,997	July 3	640	128	123	168
Milligan, Arthur G. (See Shannon and Milligan.)						
Milligan, George H., and J. F. Bee, Charleston, S. C. Knockdown barrel.....	830,670	Sept. 11	1584	327	124	425
Milligan, Lorenzo A., Barstow, Cal. Spike-puller.....	809,122	Jan. 2	996	205-6	120	219
Milligan, William. (See Rickabaugh, Justus A., assignor.)						
Milliken, Edwin C., Portland, Me. Belt or girle support.....	833,615	Dec. 25	4628	987	125	2627
Milliken, Francis C., East Parsonfield, Me. Wheel construction.....	831,731	Sept. 25	3701	775	124	1031
Milliken, George F., Boston, Mass., assignor to Gamewell Fire-Alarm Telegraph Company, New York, N. Y. Auxiliary fire-alarm system.....	824,804	July 3	242	44-5	123	68
Milliken, John A., New York, N. Y., assignor, by mesne assignments, to Scheuer Factory. Nail and rivet delivering machine.....	813,162	Feb. 20	3286	722-3	120	2292
Milliken, Walter L. (See Shiek, Daniel W., assignor.)						
Millingar, Harry. (See Mitchell and Millingar.)						
Millington, Arthur E., Espavola, Canada. Paper-tarring apparatus.....	825,744	July 10	2215	462	123	586
Milliron, Ira A., Franklin, Pa. Glass-working furnace.....	812,065	Feb. 6	1063	231-2	120	1705
Milliron, Lorenzo, Flandreau, S. D. Penel and pen holder.....	812,763	Feb. 13	2485	546	120	2070
Millross, Albert J., assignor of one-fifth to L. E. Knoles, Los Angeles, Cal. Ore-pulverizing machine.....	832,801	Oct. 9	1583	325	124	1632
Mills, Adelbert P., Shortsville, N. Y., assignor to American Seeding Machine Company, Jersey City, N. J. Adjustable feed for grain-drills.....	813,054	Feb. 20	3071	672-3	120	2247
Mills, Arthur, Aukum, Cal. Steering-gear.....	829,987	Sept. 4	147	24-5	124	36
Mills, Charles, Woolston, near Christchurch, New Zealand. Adjustable bracket for employment on windows, ladders, and parapets.....	811,514	Jan. 30	5840	1223	120	1424
Mills, Charles, Woolston, near Christchurch, New Zealand. Adjustable bracket for supporting platforms.....	829,537	Aug. 28	3787	804	123	2723
Mills, Charles, assignor to Saco & Pettee Machine Shops, Newton, Mass. Drawing-roll.....	820,982	May 22	4027	856	122	1076
Mills, Charles, Newton Upper Falls, Mass., assignor to W. C. Swift, Fitzwilliam, N. H. Lathe for turning axles.....	823,614	June 19	2796	592-3	122	2443
Mills, Charles S., Norwood, Mass. Exhaust-nozzle.....	822,216	May 29	6445	1369	122	1670
Mills, Chester B., Wilmerding, Pa., assignor to Westinghouse Electric & Manufacturing Company. Brush-holder for electrical machines.....	825,974	July 17	2631	546	123	704
Mills, David, East Rand, Transvaal. Air-pump.....	809,002	Jan. 2	754	163	120	166
Mills, David B., East Orange, N. J. Attachment device for electric conductors.....	810,664	Jan. 23	4198	868	120	1038
Mills, David B., East Orange, N. J. Spark-plug.....	825,856	July 10	2410	502	123	634
Mills, Edwin H., Columbus, Ohio. Paving and building block.....	829,480	Aug. 28	3660	773	123	2693
Mills, Francis A., Lawrence, assignor of one-half to G. B. Emmons, Methuen, Mass. Shuttle check and lock for looms.....	820,589	May 15	3172	683	122	828
Mills, Francis A., Lawrence, assignor of one-half to G. B. Emmons, Methuen, Mass. Shuttle check and lock for looms.....	820,661	May 15	3293	707-8	122	852
Mills, Francis A., Lawrence, assignor of one-half to G. B. Emmons, Methuen, Mass. Shuttle-check for looms.....	820,662	May 15	3301	708-9	122	854
Mills, Francis A., Lawrence, assignor of one-half to G. B. Emmons, Methuen, Mass. Shuttle-checking means for looms.....	820,663	May 15	3305	709	122	855
Mills, Francis A., Lawrence, assignor of one-half to G. B. Emmons, Methuen, Mass. Shuttle check and lock for looms.....	820,664	May 15	3308	709	122	856
Mills, George B., South Bend, Ind. Convertible wagon-box and hay-rack.....	809,388	Jan. 9	1586	322-3	120	382
Mills, George M., Jersey City, N. J. Molding device.....	822,536	June 5	598	120	122	1858
Mills, George R., Hudson, Mich. Wire-fence tie.....	822,292	June 5	137	27	122	1759
Mills, Harry S., Keokuk, Iowa. Hat and coat rack.....	827,551	July 31	5931	1229	123	1556
Mills, Herbert S., Chicago, Ill. Gramophone.....	812,512	Feb. 13	1999	438	120	1973
Mills, Isaac J., Macy, Ind. Wheat temperer and heater.....	819,240	May 1	415	87	122	97
Mills, James N., Oak Station, Pa. Curtain-pole.....	816,490	Mar. 27	5105	1082	121	1265
Mills, Jared, Villisca, Iowa. Combined monkey-wrench, pipe-wrench, and bolt-holder.....	827,254	July 31	5248	1090	123	1391
Mills, Joe C., News Ferry, Va. Vehicle-spoke boot.....	834,150	Oct. 23	4528	961	124	2449
Mills, John M., Tiskilwa, Ill. Curtain-fixture.....	822,009	May 29	6047	1289	122	1579
Mills, Joseph H., assignor to Richmond Casket Company, Richmond, Ind. Burial-casket.....	812,945	Feb. 20	2852	629	120	2199
Mills, Melvin A., Lawrence, Mass. Refining-engine for paper-pulp.....	818,039	Apr. 17	2975	642-4	121	2123
Mills Novelty Company. (See Lavery, Henry C., assignor.)						
Mills Novelty Company. (See Sandell, Henry K., assignor.)						
Mills Novelty Company. (See Spear, Arthur, assignor.)						
Mills, Silas F., Garfield, Kans. Wheel-hub.....	813,659	Feb. 27	4279	941	120	2565
Mills, Virgil H., Hubbard, Tex. Hydrant.....	808,859	Jan. 2	453	100	120	101
Millspaugh, H. L. (See Sisco, Henry C., assignor.)						
Millwee, Frank, Marlow, Ind. Fer. Cooking utensil.....	836,983	Nov. 27	4188	891	125	1167
Milner, George, Brooklyn, N. Y. Mechanical movement.....	837,863	Dec. 4	1162	256-7	125	1643
Milroy, Charles M. (See Bancroft, James E., assignor.)						
Milson, John R., Providence, assignor of one-fourth to Collins Brothers, Pawtucket, R. I. Spinning and twisting machine.....	816,675	Apr. 3	264	61-2	121	1418

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Milton Bradley Company. (See Klein, Frederick P., assignor.)						
Milton, William H., Stafford, Kans. Motor-driven plow	838,796	Dec. 18	3007	648-50	125	2184
Milwaukee Hay Tool Company. (See Burbank, Abner J., assignor.)						
Minck, Paul H., <i>et al.</i> (See Knopf, Carl, assignor.)						
Minder, Charles T., Rock Falls, Ill. Hair-pin	836,937	Nov. 27	4094	874	125	1143
Miner, Edith M., Rathdrum, Idaho. Postal card	838,880	Dec. 18	3159	680	125	2222
Miner, Herbert A., assignor of one-half to C. P. McCallrey, Logansport, Ind. Air-brake bleeding-valve	834,837	Oct. 30	5907	1252	124	2841
Miner, Montie B., Sampson, Oreg. Friction-set	823,802	June 19	3155	667	122	2522
Miner, Robert J., Greenwich, Conn., assignor to Kerosene Power Company, of New York. Gaseous-fuel burner	835,629	Nov. 13	1500	320	125	423
Miner, Robert J., Greenwich, Conn., assignor, by mesne assignments, to C. A. Waite, East Orange, N. J. Throttle-valve	839,073	Dec. 18	3509	759	125	2307
Miner, Thomas H., Winona, Mo. Lightning-conductor	813,660	Feb. 27	4281	941	120	2565
Miner, Walter, Creston, Iowa. Railway-car braking and shifting apparatus	836,269	Nov. 20	2724	580	125	775
Miner, William H., Chicago, Ill. Brake-shoe for railway-cars	839,074	Dec. 18	3511	759	125	2308
Miner, William H., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars	838,560	Dec. 18	2561	553	125	2076
Miner, William H., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars	838,561	Dec. 18	2563	554	125	2077
Miner, William H., and J. F. O'Connor, assignors to W. H. Miner Company, Chicago, Ill. Composite metal-and-wood tie for railway-tracks	838,562	Dec. 18	2565	554	125	2077
Mineral Separation. (See Sulman, Kirkpatrick-Picard, and Ballot, assignors.)						
Mineralac Company. (See Eastman, George N., assignor.)						
Minerd, Charles A., assignor of one-half to W. Miller, Uniontown, Pa. Railway-tie	822,217	May 29	6447	1369	122	1671
Minerd, Robert W., Pittsburg, Kans. Miner's tool	819,154	May 1	229	49	122	57
Minery, William, Scammon, Kans. Attaching means for miners' lamps	835,308	Nov. 6	864	183	125	219
Minier, Peter G., Ridgway, Pa. Snow-plow	838,200	Dec. 11	1861	398-9	125	1863
Minitier, John J. (See Bullard and Minitier.)						
Minnich, Johann, Rummelsburg, near Berlin, Germany. Fire-screen for locomotive-furnaces	817,654	Apr. 10	2179	463	121	1891
Minnich, Mary M. (See Minnich, Simon B., assignor.)						
Minnich, Simon B., assignor to M. M. Minnich, Landisville, Pa. Tubular telescoping jack or press	820,983	May 22	4029	856	122	1076
Minnick, William, Barberton, Ohio. Rail-joint	839,616	Dec. 25	4629	987	125	2628
Minor, Frank, Batavia, N. Y. Shoe-display fixture	810,425	Jan. 23	3726	768	120	932
Minter, John E., Macon, Ga. Sewer-pipe-junction cutter	827,070	July 24	4839	1007	123	1271
Mintier, John H., Washington, Iowa. Garment-supporter	825,922	July 17	2530	527	123	674
Minton, John W., Washington, Pa. Flushing apparatus	818,185	Apr. 17	3269	700	121	2187
Minturn, John, Grogan, assignor of two-thirds to A. C. Gerlach and J. C. Nicholson, Columbus, Ohio. Attachment for locomotives	834,925	Nov. 6	97	19	125	27
Minturn, Joseph A. (See Jackson, Cyrus W., assignor.)						
Miracle Pressed Stone Company. (See Balzer, Andrew M., assignor.)						
Miracle Pressed Stone Company. (See Burton, Charles S., assignor.)						
Miracle Pressed Stone Company. (See Hamm, John, assignor.) (Reissue.)						
Miracle Pressed Stone Company. (See Melton, Arthur P., assignor.)						
Mire, Benjamin C., New Orleans, La. Mosquito-guard for cisterns and tanks	818,389	Apr. 17	3666	787	121	2269
Mirk, Thomas. (See Hunt and Mirk.)						
Misell, David, New York, N. Y. Electric cigar-lighter	839,306	Dec. 25	4015	862-3	125	2477
Mislowsky, José P. (See Bargiela, Mislowsky, Caricchia, and Odio.)						
Mississippi Burial Vault Co. (See Beall, Albert E., assignor.)						
Mississippi Glass Company. (See Walsh, Robert A. B., assignor.)						
Mississippi Wire Glass Company. (See Speer and Otto, assignors.)						
Mitchell, Albert O., Bethlehem, Conn. Brake mechanism	837,943	Dec. 11	1311	288	125	1721
Mitchell, Alfred S., Oakland, Cal. Ore-washing machine	815,853	Mar. 20	3801	803	121	934
Mitchell, Andrew, White Lake, N. Y. Fence-post	835,364	Nov. 6	977	208	125	248
Mitchell, Arthur B., and S. Smith, Jr., assignors of one-third to W. Moore, Birmingham, Ala. Land reference-book	839,173	Dec. 25	3754	811	125	2415
Mitchell, Charles, and H. Millingar, assignors of one-half to H. E. Dickinson, East St. Louis, Ill. Electrical railway signaling system	812,433	Feb. 13	1849	406-7	120	1943
Mitchell, Charles E., New York, N. Y. Plane	814,718	Mar. 13	1456	305	121	378
Mitchell, Charles J., assignor to L. Mitchell, Toronto, Ontario, Canada. Self-testing safety-code	831,968	Sept. 25	4180	873	124	1149
Mitchell, Charlie I. (See Hamm and Mitchell.)						
Mitchell, Chas. D. (See Cook, Emery L., assignor.)						
Mitchell, Curran E., Fort Payne, Ala. Washing-machine	823,887	June 19	3312	705	122	2558
Mitchell, David R. (See Zachary, William H., assignor.)						
Mitchell, Edgar S., Homer, La. Extension car-step	829,280	Aug. 21	3221	678	123	2537
Mitchell, Edward S., Glenridge, N. J. Amusement apparatus	838,797	Dec. 18	3010	650	125	2185
Mitchell, Frank P. (See Thompson and Mitchell.)						
Mitchell, Frederick W., Fort Smith, Ark. Invalid-bed	829,481	Aug. 28	3662	773	123	2603
Mitchell, George, Los Angeles, Cal. Apparatus for generating steam from hot slag	809,123	Jan. 2	997	206	120	219
Mitchell, George, Los Angeles, Cal. Slag steam-generator	809,204	Jan. 2	1144	238	120	252
Mitchell, George H., North Yarmouth, Me. Vehicle-wheel	821,519	May 22	5088	1084	122	1309
Mitchell, George W., Lunenburg, Canada. Skirt, waist, and belt holder	822,148	May 29	6319	1344	122	1643
Mitchell, George W., and T. Broadfoot, Wichita, Kans. Flue-cutter	826,346	July 17	3348	692	123	879
Mitchell, Gideon D. (See Oldham, Carrick P., assignor.)						
Mitchell, Herbert L., London, and G. W. Goode, Heath Grange, South Godstone, assignors to W. H. A. Fitz Patrick, Cragside, England. Composition for briquetting coal and the like	830,798	Sept. 11	1835		124	492
Mitchell, Hiram A., and T. D. Singleton, Fall River, Mass. Potato-parer	811,652	Feb. 6	228	49	120	1535
Mitchell, Ira G., Meeker, Colo., assignor to Mitchell Manufacturing and Irrigation Company. Pumping apparatus	829,346	Aug. 21	3357	706-7	123	2571
Mitchell, Ira G., assignor of one-half to A. C. Moulton, F. E. Sheridan, R. S. Ball, L. Peterson, F. H. J. Hantgen, and G. E. Aicher, Meeker, Colo. Adjustable crank-disk	811,426	Jan. 30	5699	1193	120	1395
Mitchell, James D., Lakewood, Ohio. Facing-tool	817,502	Apr. 10	1907	401	121	1835
Mitchell, James D., Lakewood, Ohio. Truing device for valve-seats	821,367	May 22	4790	1018	122	1246
Mitchell, James H., Westerly, R. I. Device for bending fore-and-aft sails	810,787	Jan. 23	4431	920	120	1089
Mitchell, James H., Philadelphia, Pa. Paper box	837,324	Dec. 4	95	25	125	1378
Mitchell, James H., Philadelphia, Pa. Box-forming machine	837,325	Dec. 4	96	25-6	125	1378
Mitchell, James M., St. Louis, Mo. Stove	836,046	Nov. 13	2229	477-8	125	600
Mitchell, James R. (See Mitchell, Winfield J. and J. R.)						
Mitchell, John, Dannemora, N. Y. Carrier for barrels and the like	809,003	Jan. 2	756	163	120	166
Mitchell, John E., assignor to Alsop Process Company, St. Louis, Mo. Treating flour	812,764	Feb. 13	2486	546	120	2070
Mitchell, John E., and D. Parks, assignors to Alsop Process Company, St. Louis, Mo. Apparatus for subjecting air to electric discharges	817,082	Apr. 3	1049	218	121	1591

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Mitchell, John F. (See Graham and Mitchell.)						
Mitchell, John R., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-tenders or other cars.	832,870	Oct. 9	1729	357	124	1669
Mitchell, John R., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars.	838,563	Dec. 18	2567	554-5	125	2078
Mitchell, John T., Seattle, Wash. Artificial bait.	825,232	July 3	1083	229	123	282
Mitchell, John T. H., Chicago, Ill. Combined illustrated letter and inclosure.	827,809	Aug. 7	243	49	123	1732
Mitchell, Joseph, Bellevue, Ohio. Extension-table.	835,973	Nov. 13	2114	454	125	570
Mitchell, Lambert, Philadelphia, Pa. Oyster-fryer.	839,307	Dec. 25	4017	863	125	2477
Mitchell, Lillian. (See Mitchell, Charles J., assignor.)						
Mitchell Manufacturing and Irrigation Company. (See Mitchell, Ira G., assignor.)						
Mitchell, Mark D., Franklin, Pa. Oil-flushing system.	825,745	July 10	2217	463	123	586
Mitchell, Melvin, Peoria, Ill. Rotary disk.	834,838	Oct. 30	5909	1252	124	2842
Mitchell, Preston C., Homer, Mich. Seed-planter.	834,839	Oct. 30	5910	1252	124	2842
Mitchell Punctureless Pneumatic Tire Company. (See Mitchell, Winfield J. and J. R., assignors.)						
Mitchell, Robert, Detroit, Mich. Lip-turning machine.	818,774	Apr. 24	4470	958	121	2498
Mitchell, Robert H. (See Barber, Carr, and Mitchell.)						
Mitchell, Roy D., Sandusky, Ohio. Educational device.	832,871	Oct. 9	1730	357	124	1669
Mitchell, Samuel P., Philadelphia, Pa. Derrick-car.	817,862	Apr. 17	2609	563-6	121	2041
Mitchell, Samuel P., Philadelphia, Pa. Derrick-car.	817,863	Apr. 17	2614	566-7	121	2042
Mitchell, Samuel P., Philadelphia, Pa. Derrick-car.	817,864	Apr. 17	2616	567-8	121	2042
Mitchell, Thomas F., and H. Bauman, Duluth, Minn. Door for grain-cars.	838,636	Dec. 18	2714	581	125	2113
Mitchell, Thomas H., New York, N. Y. Combined scope and distance finder.	822,751	June 5	1040	213	122	1957
Mitchell, Thomas J. (See Cooney and Mitchell.)						
Mitchell, Thomas J., Connellsville, Pa. Fluid-pressure cylinder.	821,663	May 29	5374	1146	122	1427
Mitchell, Wade H., Rugby, Tex. Cultivator attachment.	812,946	Feb. 20	2854	629	120	2199
Mitchell, Willey A., assignor of sixty one-hundredths to G. L. Toole and W. H. Hite, Aiken, S. C. Pump.	830,484	Sept. 4	1185	247	124	293
Mitchell, William, Milwaukee, Wis. Carrier.	837,944	Dec. 11	1312	288	125	1722
Mitchell, William H., and J. A. Isaman, Aurora, Nebr. Gate.	819,300	May 1	536	114	122	124
Mitchell, William J., San Francisco, Cal. Feeder attachment for feed-cutters.	832,872	Oct. 9	1732	357	124	1670
Mitchell, Willie W., Sr., Olive Branch, Miss. Cultivator.	838,798	Dec. 18	3015	650	125	2186
Mitchell, Willis, Malden, Mass. Vapor-burning lamp.	837,238	Nov. 27	4682	994	125	1288
Mitchell, Winfield J. and J. R., assignors to Mitchell Punctureless Pneumatic Tire Company, Lynn, Mass. Vehicle-wheel.	837,326	Dec. 4	99	26	125	1379
Mitten, Philip J., assignor of one-half to E. E. Warner, Milwaukee, Wis. Removable car for railways, &c.	824,188	June 26	3870	826-7	122	2736
Mittinger, Geroge, Jr., Cleveland, Ohio. Ventilator.	838,637	Dec. 18	2715	582	125	2114
Mitts & Merrill. (See Merrill, William, assignor.)						
Mix, Allen H., assignor to Porter Screen Manufacturing Company, Burlington, Vt. Metal window-screen.	810,962	Jan. 30	4810	1000	120	1205
Mix, Harvey W., Seattle, Wash. Fire-extinguisher.	827,255	July 31	5249	1090	123	1391
Mixon, Martha E., Burnsville, Ala. Animal-trap.	823,736	June 13	3027	640	122	2493
Mixer, George W., assignor to Deere & Company, Moline, Ill. Disk cultivator.	826,795	July 24	4291	892	123	1139
Mlada, Joseph, Manitowoc, Wis. Mold for butter.	810,665	Jan. 23	4200	869	120	1038
Moak, William V., Utica, N. Y. Mechanism for operating railway-signals.	816,676	Apr. 3	267	62	121	1419
Moats, Harlan G., Villisca, Iowa. Culvert.	818,272	Apr. 17	3441	740	121	2222
Mobbs and Lewis. (See Lewis, Alfred, assignor.)						
Mobley, Edwin H., Morton, Pa. Diaphragm for transmitting sound-waves.	834,629	Oct. 30	5483	1163	124	2734
Mobley, Richard, St. Louis, Mo. Sliding-door hanger.	831,674	Sept. 25	3598	755	124	1003
Mobley, Richard, assignor of one-half to D. B. Ridpath, St. Louis, Mo. Bending-machine.	808,672	Jan. 2	97	22	120	23
Mock, George A., and J. Mendenhall, Granada, Colo. Gate.	824,500	June 26	4501	954-5	122	2869
Modern Improvements Mfg. Co. (See Wilks and Klaiber, assignors.)						
Mödlinger, Josef, assignor to Ganz & Társa Vasöntő-és Gépgyár Részvény Társulat, Budapest, Austria-Hungary. Smoke-consuming furnace.	838,507	Dec. 11	2447	532	125	2004
Moe, Carl W., and C. H. Norblom, Minneapolis, Minn. Evener.	836,197	Nov. 20	2575	543	125	735
Mockel, Aratine G., assignor of one-half to S. Freshman and Z. J. Reese, Dallas, Tex. Washing-machine.	810,549	Jan. 23	3987	821	120	991
Moeller, John. (See Moeller, Samuel and J.)						
Moeller, John, Bay Port, Mich. Colter.	817,083	Apr. 3	1052	218	121	1591
Moeller, Samuel, Sebewaing, and J. Moeller, Bay Port, Mich. Wheel-support for plows.	821,520	May 22	5089	1084	122	1309
Moeller, William J., Hartwell, assignor to Philip Carey Manufacturing Company, Lockland, Ohio. Ready-made roofing.	813,163	Feb. 20	3289	723	120	2292
Moeller, William J., Hartwell, assignor to Philip Carey Manufacturing Company, Lockland, Ohio. Ready-made roofing.	835,889	Nov. 13	1973	418	125	537
Moening, Herman, Ottawa, Ohio. Attachment for corn-harvesters.	816,874	Apr. 3	650	134	121	1503
Moffat, Henry E., Woodstock, Canada. Oil-extractor.	813,314	Feb. 20	3589	788	120	2354
Moffat, Henry E., Woodstock, Ontario, Canada. Feed-water heater and purifier.	831,886	Sept. 25	4031	840	124	1112
Moffat, John, Berlin, Canada. Boiler attachment.	818,459	Apr. 24	3803	818	121	2354
Moffat, Walter A., Denver, Colo. Feed-water heater.	822,972	June 12	1469	306	122	2095
Moffat, Walter A., Denver, Colo. Car-fender.	831,454	Sept. 18	3108	658	124	836
Moffat, Walter A., Denver, Colo. Feed-water heater for locomotive-boilers.	835,630	Nov. 13	1502	320	125	423
Moffat, Walter A., assignor to Improved Boiler Feed Company, Denver, Colo. Gravity boiler-feeder.	825,746	July 10	2218	463	123	587
Moffatt, James R., assignor to Union Special Sewing Machine Company, Chicago, Ill. Band or tape guiding device for sewing-machines.	836,198	Nov. 20	2576	543	125	735
Moffatt, Richard R., Brooklyn, N. Y., assignor to Imperial Ore Separator Company. Magnetic ore-separator.	816,491	Mar. 27	5106	1083	121	1265
Moffatt, Richard R., Brooklyn, N. Y., assignor to Imperial Ore Separator Company. Magnetic ore-separator.	825,672	July 10	2076	433	123	553
Moffet, Carmelous C., Barney, S. D. Nut-lock.	837,945	Dec. 11	1314	289	125	1722
Moffett Bearing Company. (See Perkins Julius A., assignor.)						
Moggett, Lewis B., Crickmer, W. Va. Coal-finding instrument.	818,902	Apr. 24	4706	1009	121	2549
Möhlenbrück, Henri, Lausanne, Switzerland. Gearing-indicator for screw-cutting lathes.	814,467	Mar. 6	946	193	121	206
Mohler, Levi D., McPherson, Kans. Smoke-consuming attachment for furnaces.	836,597	Nov. 20	3353	715	125	925
Mohns, Carl J., Chemnitz, assignor to Wanderer Fahrradwerke vorm. Winkhofer & Jäenicke A.-G., Schönaun, Germany. Interchangeable platen for type-writers.	814,719	Mar. 13	1458	306	121	379
Mohns, Carl J., Chemnitz, assignor to Wanderer Fahrradwerke vorm. Winkhofer & Jäenicke A. G., Schönaun, near Chemnitz, Saxony, Germany. Mounting of the platen-roller in type-writing machines.	829,929	Aug. 28	4614	971	123	2928
Mohr, Charles E. (See Sobey and Mohr.)						
Mohr, Ernst, Milwaukee, Wis., assignor to National Enameling and Stamping Company. Handle for vessels or receptacles.	818,273	Apr. 17	3442	740	121	2223
Mohr, Helena E., and G. H. Cooper, Denver, Colo. Skirt-marker.	815,455	Mar. 20	2980	620	121	757

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Mohr, Joseph. (See Hammen, Charles, assignor.)						
Mohr, Martin, Newport, Ky., assignor of one-third to G. B. Poole, Cincinnati, Ohio. Lock.	816,492	Mar. 27	5107	1083	121	1266
Mohr, Michel, Wahpeton N. D. Nut-lock.	826,591	July 24	3908	810	123	1039
Mohr, Michel, Wahpeton, N. D. Tooth for agricultural implements.	828,329	Aug. 14	1295	274	123	2015
Mohr, Rosalia, San Francisco, Cal. Window and screen attachment.	814,468	Mar. 6	948	194	121	206
Mohrdeck, Peter, assignor to Standard Gas Engine Company, San Francisco, Cal. Governor for engines.	824,564	June 26	4633	985	122	2897
Mohrdeck, Peter, assignor to Standard Gas Engine Company, San Francisco, Cal. Gas-engine.	827,810	Aug. 7	244	49-50	123	1732
Moir, Ernest W., London, England, assignor to S. Pearson and Son, Inc., Long Island City, N. Y. Calking apparatus for tunnels.	824,668	June 26	4832	1031	122	2941
Moir, Ernest W., London, England, assignor to S. Pearson and Son, Incorporated, Long Island City, N. Y. Shield for tunnels.	834,745	Oct. 30	5694	1208	124	2788
Moir, Ernest W., London, England, assignor to S. Pearson & Son, Inc., Long Island City, N. Y. Valve for ventilating air-locks.	838,351	Dec. 11	2154	466	125	1932
Moldenhauer, Frederick W., Oconomowoc, and L. Dornfeld, Watertown, Wis. Return-flue for stoves and the like.	825,747	July 10	2222	463	123	588
Mole, John G., Batavia, Ill. Horse-power.	812,282	Feb. 13	1565	342-3	120	1882
Molen, Evert V., Chicago, Ill. Musical instrument.	815,854	Mar. 20	3803	804	121	934
Moler, Jesse R., H. E. Insley, and S. L. Phillips, Denver, Colo. Garbage-can.	816,989	Apr. 3	893	185	121	1557
Moler, Harvey T., near Shepherdstown, W. Va. Nut-lock.	838,734	Dec. 18	2883	621	125	2155
Molesworth, Clyde E., Oklahoma, Okla. Ter. Ice-cream freezer.	816,810	Apr. 3	507	111	121	1470
Moline Plow Company. (See Lindgren, August, assignor.)						
Moline Plow Company. (See Lindgren, August, assignor.)						
Molitor, Charles, Chicago, Ill. Lamp-guard.	827,811	Aug. 7	247	50	123	1732
Molitor, Cornelius. (See Stangel and Molitor.)						
Molkenhain, Herman E. E., Cœur d'Alene, Idaho. Combination-tool of the hammer type.	812,947	Feb. 20	2856	629	120	2199
Moll, Max S., Rochester, N. Y. Bookbinding.	829,988	Sept. 4	148	25	124	36
Molle, John E., Sturgeon Bay, Wis. Type-writing machine.	813,570	Feb. 27	4113	901-2	120	2530
Möller, Karl, Charlottenburg, Germany, assignor to General Electric Company. Signal.	811,238	Jan. 30	5344	1116	120	1320
Mollier, Etienne N., and E. E. Mariner, Paris, France. Rotary engine.	828,417	Aug. 14	1457	307-8	123	2058
Molloy, Edmond, Philadelphia, Pa. Construction of walls, floors, &c.	821,368	May 22	4792	1018	122	1246
Molloy, Edmond, Philadelphia, Pa. Tubular-metal structure.	824,501	June 26	4502	955	122	2870
Molloy, Edmond, Philadelphia, Pa. Frame structure.	824,502	June 26	4504	955-6	122	2870
Molloy, Edmond, Philadelphia, Pa. Railway-track.	836,394	Nov. 20	2971	630	125	833
Molloy, James F., West Haven, Conn. Buckle.	837,095	Nov. 27	4418	937	125	1223
Molloy, James F., West Haven, Conn. Suspender-buckle.	837,704	Dec. 4	863	195	125	1569
Moloney, John, Miller's Forest, New South Wales, Australia. Tobacco-pipe.	812,351	Feb. 13	1686	370	120	1910
Molt, William F., Indianapolis, Ind. Means for controlling vibrators.	815,728	Mar. 20	3516	739	121	874
Moltke, Nancy V., Parching, Germany. Support for bicycles.	833,615	Oct. 16	3250	691	124	2090
Moltrup, Stephen, Beaver Falls, Pa. Metallic post.	821,725	May 29	5511	1174	122	1457
Moltrup, Stephen, and W. L. Horner, Beaver Falls, Pa. Printer's chase.	821,726	May 29	5512	1175	122	1458
Mombel, Georges. (See Rosenheim and Mombel.)						
Momburg, Henry L., assignor to G. and A. Kolb, Bay City, Mich. Beer-racking apparatus.	838,735	Dec. 18	2884	621	125	2156
Momentum Regulator. (See McCathie and Cain, assignors.)						
Momsen, Melville C., Armour, S. D. Wall construction and concrete block for the same.	830,094	Sept. 4	371	75	124	90
Momsen, Melville C., Armour, S. D. Plastic building-block.	831,732	Sept. 25	3702	775	124	1031
Monachinoff, Alexander, Essen-on-the-Ruhr, Germany. Abacus.	826,732	July 24	4177	868	123	1108
Monaghan, John R., North Temiscamingue, Canada. Combined quilting-frame and curtain-stretcher.	820,513	May 15	3035	653	122	797
Monaghan, Thomas L., New York, N. Y. Umbrella-stand.	830,843	Sept. 11	1924	403	124	516
Monahan, Joseph W. (See Monahan, Thomas H. and J. W.)						
Monahan, Louis J., assignor to Termaat & Monahan Co., Oshkosh, Wis. Gas-engine condenser.	825,923	July 17	2531	527	123	675
Monahan, Thomas H. and J. W., Providence, R. I. Skid.	822,621	June 5	790	161	122	1902
Monahan, Thomas H. and J. W., Providence, R. I. Brake-lever.	834,151	Oct. 23	4529	961	124	2450
Monarch Acetylene Gas Company. (See Schlieder, Augustus E., assignor.)						
Monarch Telephone Manufacturing Co. (See Yaxley, Ernest E., assignor.)						
Monarch Telephone Manufacturing Company. (See Corwin Elmer R., assignor.)						
Monarch Typewriter Company. (See Morrill, Henry W., assignor.)						
Monarch Typewriter Company. (See Ney, Louis, assignor.)						
Monarch Typewriter Company. (See Pool, Morris W., assignor.)						
Monarch Typewriter Company. (See Seib, George A., assignor.)						
Monash-Younger Company. (See Leuthesser, Fred W., assignor.)						
Moncrief, George D., Memphis, Tenn. Window-screen.	820,233	May 8	2448	530	122	608
Mond Nickel Company. (See Langer, Carl, assignor.)						
Mond, Robert L. (See Wildermann and Mond.)						
Mondragon, Manuel, Gourbevoie, France. Hydraulic piston-brake mechanism for cannon.	833,616	Oct. 16	3251	691	124	2090
Mondt, Eugen, Chemnitz, Germany. Apparatus for discharging condensed steam.	811,162	Jan. 30	5193	1084-5	120	1286
Monell, Ambrose, New York, N. Y. Manufacture of nickel-copper alloys.	811,239	Jan. 30	5346		120	1321
Monell, Ira F., Boulder, Colo. Ore-slicer.	820,234	May 8	2449	530-1	122	608
Monetti, Giovanni, Taylorville, Ill. Whip-stock.	815,199	Mar. 13	2424	505	121	588
Moneuse, Elie J., New York, N. Y. Jacket or hood for use in connection with the exhaust-heads of hot-water urns of coffee apparatus.	824,669	June 26	4834	1032	122	2941
Monfort, Charles J., deceased, St. Paul, Minn.; A. M. Dunn, administratrix. Steam-heater for warming and moistening foods.	810,496	Jan. 23	3874	796	120	968
Mong, George H., Fairmont, W. Va. Lathe attachment.	809,717	Jan. 9	2238	465	120	524
Mong, Lincoln G., assignor to Erie City Iron Works, Erie, Pa. Boiler-brace.	819,020	Apr. 24	4934	1059	121	2599
Monger, Ira Z., Larned, Kans. Milling appliance.	824,998	July 3	641	129	123	168
Moniot, Achille D., Philadelphia, Pa. Pattern-card-reproducing machine.	817,792	Apr. 17	2473	529	121	2011
Monitor Drill Co. (See Brennan, Thomas, Jr., assignor.)						
Monitor Drill Co. (See Davis, Spencer E., assignor.)						
Monk, William, Newark, N. J. Differential traverse-bar for textile-frames.	834,017	Oct. 23	4233	898	124	2374
Monnet, Jean B. (See Voland, Diederichs, and Monnet.)						
Monolith Steel Company. (See Golding, John F., assignor.)						
Monro, William E., London, England. Bath-cabinet.	829,281	Aug. 21	3221	678	123	2537
Monroe, Charles D., Elgin, Ill. Emulsifier.	814,720	Mar. 13	1458	306	121	379
Monroe, Charles D., assignor to American Farm Products Company, Elgin, Ill. Apparatus for melting and purifying butter and fats.	823,803	June 19	3157	668	122	2523
Monroe, Charles E., Chase, Kans. Oar-lock.	831,971	Sept. 25	4187	874	124	1151
Monroe Novelty Company. (See Kreag, George B., assignor.)						
Monroe, Orville V., assignor to General Patent Promoting Company, Portland, Oreg. Gas-generating machine.	819,074	May 1	79	19	122	21

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Monroe, Simon E., assignor of two-thirds to B. F. Jackson, Boston, and J. H. McDonough, Chelsea, Mass. Hair-straightener.....	819,444	May 1	825	178	122	185
Monroe, William L., Omaha, Nebr. Alarm.....	813,164	Feb. 20	3290	723	120	2293
Monserud, Hans P., Waubay, S. D. Trace-fastener.....	824,372	June 26	4236	903	122	2812
Monste, Robert, Bucharest, Roumania. Apparatus for printing books in type for the blind.....	811,787	Feb. 6	481	104	120	1588
Monson, August A., Grey Eagle, Minn. Automatic telephone system.....	822,973	June 12	1471	306-7	122	2096
Monson, Carl A., Hartford, Conn. Manifold-book.....	828,496	Aug. 14	1623	343	123	2101
Monson, Carl A., Hartford, Conn. Book-leaf holder.....	828,950	Aug. 21	2521	534	123	2360
Montague Compressed Air Company of Missouri. (See Obear, Bryan, assignor.)						
Montague, Dwight P., et al. (See Lee, Ulysses G., assignor.)						
Montague, Dwight P., et al. (See Lyle, Alexander, assignor.)						
Montague, Dwight P. (See Owens, Charles, assignor.)						
Montague, Dwight P. (See Owens and Lee, assignors.)						
Montague, Robert L., et al. (See Gourdin, John K., assignor.)						
Montanye, Stanley S., Canton, Pa. Water-cooler.....	827,931	Aug. 7	470	96	123	1789
Montauk Engineering Company. (See Anderson, James A., assignor.)						
Monteagle, Robert C., New York, N. Y. Grate-bar.....	820,060	May 8	2118	462	122	535
Monteagle, Robert C., assignor of one-half to E. M. Vynne, New York, N. Y. Machine for helically grooving tubes.....	812,434	Feb. 13	1852	407	120	1944
Monteagle, Robert C., assignor of one-half to E. M. Vynne, New York, N. Y. Helically grooving tubes.....	812,435	Feb. 13	1854	408	120	1944
Monteith, Jabus H., Santa Cruz, Cal. Lifting-jack.....	818,040	Apr. 17	2981	644	121	2124
Monteith, Robert H. (See Hanes and Monteith.)						
Montgomery, Henry C., Chicago, Ill. Valve.....	834,395	Oct. 30	5031	1065	124	2619
Montgomery, Henry J., assignor of one-half to N. Briggs, Silver Creek, N. Y. Hat-display stand.....	815,456	Mar. 20	2981	620	121	757
Montgomery, Henry S., Topeka, Kans. Antimagnetic watch.....	831,561	Sept. 25	3336	700-1	124	931
Montgomery, James F., Argenta, Ill. Attachment for wagon-bodies.....	826,592	July 24	3909	810	123	1039
Montgomery, James W., Ochlochnee, Ga. Metallic clothes-line.....	839,402	Dec. 25	4198	899	125	2523
Montgomery, John, Toronto, Canada. Cylinder knob-lock.....	823,348	June 12	2269	473-4	122	2272
Montgomery, John J., Santa Clara, Cal. Aeroplane.....	831,173	Sept. 18	2565	541	124	699
Montgomery, William, et al. (See Woodward, Anderson, assignor.)						
Montross, Levi H., Camden, N. J. Burial-casket.....	819,301	May 1	537	114	122	124
Monty, William H. (See Costello and Monty.)						
Monville, Joseph, and M. Roberts, Hubbell, Mich. Steam-boiler furnace.....	822,537	June 5	598	120	122	1859
Moody, Amanda, Harris, Va. Washing-machine.....	838,881	Dec. 18	3160	681	125	2222
Moody, Arthur E. (See Moody, Percival D. and A. E.)						
Moody, Chester, Ellisville, Miss. Binding-post.....	829,883	Aug. 28	4504	950	123	2899
Moody, Percival D. and A. E., New York, N. Y.; said Percival D. assignor to said A. E. Moody. Butter-tray machine.....	820,725	May 15	3426	733-4	122	882
Moody, Walter S., Schenectady, N. Y., assignor to General Electric Company. Transformer.....	815,729	Mar. 20	3519	739-40	121	874
Moody, Walter S., Schenectady, N. Y., assignor to General Electric Company. Operating a multiphase transformer having the windings for one phase inoperative.....	821,521	May 22	5090	1084	122	1309
Moody, Walter S., Schenectady, N. Y., assignor to General Electric Company. Transformer.....	822,293	June 5	138	27	122	1759
Moers, Louis P., assignor to Peerless Motor Car Company, Cleveland, Ohio. Power-transmitting mechanism for automobiles.....	832,991	Oct. 9	1953	408	124	1721
Moon Brothers Carriage Company. (See Demsky and Redecker, assignors.)						
Moon, George R., Cleveland, Ohio. Oven.....	823,288	June 12	2156	450	122	2247
Moon, Philip, Brandon, Canada. Grain cleaning and separating machine.....	815,457	Mar. 20	2982	621	121	758
Moon, Sampson W., assignor to Horto Electric Company, Chicago, Ill. Electric massage and vibrator machine.....	821,180	May 22	4403	937	122	1158
Mooney Development Co. (See Cox, William N., assignor.)						
Mooney, Ernest, assignor of one-half to Armstrong Oil Company, Limited, York, England. Woven fabric for lubricating-pads.....	814,152	Mar. 6	294	59	121	65
Mooney, Patrick J., Brazil, Ind. Foraminous fire-plate cover.....	828,330	Aug. 14	1296	274	123	2016
Mooney, Thomas H. (See Mooney, Peirce, and Mooney.)						
Mooney, William, Philadelphia, Pa. Elevating and delivering mechanism for vending-machines.....	837,239	Nov. 27	4685	994	125	1289
Mooney, William H., J. E. Peirce, and T. H. Mooney, Dayton, Ohio. Machine for grinding mosaic flooring.....	835,631	Nov. 13	1505	320-1	125	424
Moor, Levi C. (See Cotton and Moor.)						
Moore, Alanson A., assignor of one-half to F. H. Bessenger, Detroit, Mich. Armor for pneumatic tires.....	811,732	Feb. 6	367	81	120	1567
Moore, Albert, Jr. (See Stokes, Delmer F., assignor.)						
Moore, Alfred L., Moline, Ill. Wagon.....	835,454	Nov. 6	1160	250	125	291
Moore, Allen T., Eminence, Ky. Shaft-support.....	838,736	Dec. 18	2889	622	125	2156
Moore, Aman, Portland, Colo. Apparatus for the combustion of pulverulent fuel.....	820,235	May 8	2452	531	122	608
Moore, Aman, Portland, Colo. Utilization of pulverulent fuel.....	820,236	May 8	2455	532	122	609
Moore, Arthur H., et al. (See Troxler, Gustavus J., assignor.)						
Moore, Benjamin F., Peebles, Ohio. Dumping-car.....	836,395	Nov. 20	2975	630-1	125	834
Moore, Benton, Cherryvale, Kans. Nut-lock.....	825,233	July 3	1083	229	123	282
Moore, Calvin P., Akron, Ohio. Pocket-inhaler.....	836,523	Nov. 20	3224	687	125	894
Moore, Carlos B., Worcester, Mass. Mirror-holder.....	816,588	Apr. 3	71	17	121	1371
Moore Carving Machine Company. (See Yarnell, Charles S., assignor.)						
Moore, Charles, Elizabeth, N. J. Loose pulley.....	835,546	Nov. 13	1334	286	125	380
Moore, Charles A., Jr., New Castle, Pa. Window-fixture.....	837,096	Nov. 27	4419	937	125	1223
Moore, Charles H., New York, N. Y. Water-closet flush-pipe.....	810,070	Jan. 16	2952	615	120	733
Moore, Charles W., St. Louis, Mo. Curtain-shade fixture.....	827,256	July 31	5250	1090	123	1392
Moore, Charles W., St. Louis, Mo. Clamp-bracket for shades and curtains.....	830,245	Sept. 4	695	138	124	176
Moore, Clarence S., and W. G. Thomas, Lexington, Ky. Drier.....	829,028	Aug. 21	2675	563-4	123	2396
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Producing vacuum-lamps.....	814,794	Mar. 13	1610	338	121	411
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Vacuum-tube regulator.....	820,364	May 8	2706	590-1	122	666
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Vacuum-tube regulator.....	820,365	May 8	2711	591	122	667
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Electric-tube lighting. (Reissue.).....	12,561	Nov. 20	3487	744	125	955
Moore, Edward Y., Cleveland, Ohio. Hoist.....	811,077	Jan. 30	5002	1044-5	120	1247
Moore, Edward Y., Cleveland, Ohio. Grapple.....	814,388	Mar. 6	785	158	121	173
Moore, Edward Y., Cleveland, Ohio. Hoist.....	816,349	Mar. 27	4822	1021	121	1205
Moore, Edward Y., Cleveland, Ohio. Hoist.....	836,451	Nov. 20	3096	657	125	861
Moore, Edwin R., St. Paul, Minn. Duplicating apparatus.....	826,733	July 24	4180	868	123	1108

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Moore Electrical Company. (See Moore, Daniel M., assignor.)						
Moore Electrical Company. (See Moore, Daniel M., assignor.) (Reissue.)						
Moore, F. J. (See Johnson, Alvin S., assignor.)						
Moore, Francis A., assignor of one-third to W. E. Green, Tyler, Tex. Car-coupling.....	826,951	July 24	4586	955	123	1211
Moore, Francis B., Metamora, Ill. Ground-roller.....	822,752	June 5	10+1	213	122	1957
Moore, Frank W. (See Ramsey, Thomas L., assignor.)						
Moore, Franklin O., Los Angeles, Cal. Music-leaf turner.....	810,497	Jan. 23	3875	796	120	969
Moore, George, Boston, Mass. Machine for embossing and printing upon leather, silk, &c.	815,931	Mar. 20	3947	836	121	965
Moore, George, London, England. Ore-separator.....	817,655	Apr. 10	2180	463	121	1891
Moore, George A., assignor to Card Printer Company, New York, N. Y. Coin-operated printing-machine.....	820,514	May 15	3037	653-4	122	798
Moore, George C., Detroit, Mich. Snow-plow.....	814,977	Mar. 13	1932	406	121	477
Moore, George C., Revere, Mass. Woven fabric.....	820,515	May 15	3040	654	122	799
Moore, George D., Worcester, Mass., assignor to Multiple Woven Hose & Rubber Co., New York, N. Y. Textile belting and preparing and treating the same.....	824,189	June 26	3872	827	122	2736
Moore, Henry C., Atlanta, Ga. Feed-water heater.....	820,665	May 15	3310	709-10	122	856
Moore, Henry E., Brookline, Mass. Sleeping-bag.....	831,733	Sept. 25	3703	775	124	1031
Moore, Henry J., assignor to John C. Moore Corporation, Rochester, N. Y. Loose-leaf binder frame and leaf therefor.....	816,493	Mar. 27	5108	1083	121	1266
Moore, Henry J., assignor to John C. Moore Corporation, Rochester, N. Y. Loose-leaf binder frame and leaf therefor.....	816,494	Mar. 27	5113	1084	121	1267
Moore, Henry W., Anderson, assignor of one-fifth to M. G. Moore, Madison county, Ind. Truck.....	812,066	Feb. 6	1064	232	120	1706
Moore, Ila N., assignor to Advance Pump & Compressor Company, Battle Creek, Mich. Duplex steam-engine.....	825,924	July 17	2533	527-8	123	675
Moore, James, Elsternwick, assignor of one-half to T. Robinson & Co. Proprietary Limited, Spottiswoode, Victoria, Australia. Disk plow.....	836,773	Nov. 27	3748	800	125	1058
Moore, James F., New York, N. Y. Bottle.....	819,155	May 1	230	49	122	57
Moore, James L., assignor to Kerr Turbine Company, Wellsville, N. Y. Steam-turbine.	821,051	May 22	4155	884	122	1103
Moore, John C., New York, N. Y., assignor to North & Judd Manufacturing Company, New Britain, Conn. Wire buckle and loop.....	818,041	Apr. 17	2983	644	121	2125
Moore, John E., Davenport, Iowa. Electric outlet-insulator.....	836,396	Nov. 20	2976	631	125	834
Moore, John L., New York, N. Y. Electric-railway system.....	823,067	June 12	1674	346-7	122	2141
Moore, John M. (See Plaster, Purl C., assignor.)						
Moore, John W. (See Dewhurst, Moore, and Griffiths.)						
Moore, John W., and J. A. White, Philadelphia, Pa. Paper-making machine.....	809,832	Jan. 9	2436	506	120	569
Moore, Joseph C. (See Eiermann, Sophus A., assignor.)						
Moore, Joseph G., Cleveland, Ohio. Interlocking block and order signal.....	838,262	Dec. 11	1999	428-9	125	1894
Moore, Josiah H., assignor to Chattanooga Plow Company, Chattanooga, Tenn. Plow.	817,793	Apr. 17	2478	530	121	2012
Moore, Kate M., Middletown, Ohio. Lap-board or sewing-table.....	815,200	Mar. 13	2425	506	121	588
Moore Leather Machine Company. (See Moore, William H., assignor.)						
Moore, Lincoln, Numa, Iowa. Wire-stretcher.....	836,125	Nov. 20	2420	511	125	699
Moore, Louis S., Selma, Ala. Ash-pan for locomotives.....	819,364	May 1	673	142	122	154
Moore, Mettie G. (See Moore, Henry W., assignor.)						
Moore, Montague, Melbourne, and T. J. Heskett, Brunswick, Victoria, Australia. Apparatus for the treatment of ore for the manufacture of iron and steel therefrom.....	814,557	Mar. 6	1114	232-3	121	241
Moore, Newton W., Windber, Pa. Ticket-case.....	819,574	May 1	1056	232	122	237
Moore, Orville H., Fort Edward, N. Y. Pulp-screen.....	833,617	Oct. 16	3252	692	124	2091
Moore, Richmond S. A., Ridgedale, Tenn. Box.....	810,341	Jan. 16	3511	724	120	850
Moore, Sarepta R., Detroit, Mich. Folding bed.....	824,734	July 3	66	14	123	21
Moore, Sargent Z., assignor of one-half to W. W. Hayes, Dallas, Tex. Fire-escape.....	816,495	Mar. 27	5116	1084	121	1268
Moore Screen Company. (See Wells, William W., assignor.)						
Moore, Thomas J., Sandusky, and E. Ball, Minden City, Mich. Metal-conduit construction.....	838,263	Dec. 11	2002	429	125	1895
Moore, Thomas L., San Antonio, Tex. Railway signaling-lantern.....	823,615	June 19	2800	593	122	2444
Moore, Thomas R., Walden, N. Y. Machine for grinding cutlery-blades and the like.....	813,510	Feb. 27	3984	874-5	120	2500
Moore, Walter. (See Mitchell and Smith, assignors.)						
Moore, Walter G. (See Gordon, Walter T., assignor.)						
Moore, Walter J., Sterling, Ill. Mold for concrete posts.....	838,737	Dec. 18	2890	622	125	2157
Moore, Walter T. (See Simmons and Moore.)						
Moore & White Company. (See White, Joseph A., assignor.)						
Moore, William A., Canton, Mich. Bedstead.....	819,241	May 1	417	87-8	122	98
Moore, William D., Creston, Iowa. Building-block.....	812,667	Feb. 13	2301	501	120	2032
Moore, William E., Connellsville, and J. W. Bridge, Newhaven, Pa. Lubricating device.	817,084	Apr. 3	1053	218	121	1592
Moore, William H., Salem, Mass., assignor to Moore Leather Machine Company, Kittery, Me. Leather-seasoning machine.....	809,718	Jan. 9	2240	465-6	120	524
Moore, William J., Washington, D. C. Safety-razor.....	819,780	May 8	1480	316	122	391
Moore, William L., Honolulu, Hawaii. Centrifuge attachment for electric fans.....	811,865	Feb. 6	631	138	120	1619
Moore, William L., and E. L. Hutchinson, Honolulu, Hawaii. Dental and surgical obtunder.....	811,864	Feb. 6	629	137	120	1618
Moore, William N. (See Donaldson and Moore.)						
Moore, William R. (See Clarke, William H., assignor.)						
Moore, William W., Lansing, Mich. Railway-gate.....	822,065	May 29	6156	1312	122	1604
Moore, Willis C., Los Angeles, Cal. Rock-boring machine.....	811,943	Feb. 6	818	179	120	1656
Moorer, Ernest S., Anderson, S. C. Electric alarm.....	837,097	Nov. 27	4420	937	125	1224
Moorhead, Albert E., Oakland, Cal. Pneumatic cleansing apparatus.....	820,007	May 8	2002	439	122	508
Moorman, Harry, Jamestown, Ohio. Sash-fastener for car-windows.....	837,864	Dec. 4	1164	257	125	1643
Moos, Reinhold, Placerville, Cal. Shoe.....	822,381	June 5	299	62	122	1791
Moran, Daniel E., Mendham, N. J. Construction and sinking of caissons, &c.....	830,515	Sept. 11	1252	259	124	337
Moran, Daniel E., Mendham, N. J. Construction and sinking of caissons, &c.....	830,516	Sept. 11	1255	260	124	337
Moran, Daniel E., Mendham, N. J. Construction and sinking of caissons, &c.....	833,791	Oct. 23	3595	768	124	2218
Moran, Daniel E., Mendham, N. J. Construction and sinking of caissons or the like.....	833,792	Oct. 23	3596	769	124	2218
Moran, Daniel E., Mendham, N. J., and J. W. Doty, New York, N. Y. Caisson.....	828,761	Aug. 14	2135	452	123	2231
Moran, Daniel E., Mendham, N. J., and J. W. Doty, New York, N. Y. Shafting for caissons and the like.....	828,861	Aug. 14	2326	495-6	123	2278
Moran, David P., Wichita, Kans. Car-coupling.....	836,329	Nov. 20	2844	604	125	804
Moran, Edward, Lowell, Wash. Piston.....	817,390	Apr. 10	1547	325	121	1757
Moran, James, and L. H. Griffith, Seattle, Wash. Tunnel-boring apparatus.....	825,857	July 10	2411	503	123	634
Moran, John, Chicago, Ill. Corn-turner.....	821,369	May 22	4793	1019	122	1246
Moran, Robert, Seattle, Wash. Power plant.....	812,668	Feb. 13	2302	501	120	2033
Moran, Thomas. (See Maloney, John L., assignor.)						
Moran, Thomas J. (See Peetz, Gustav, assignor.)						
Moran, Thomas O., Ipswich, Queensland, Australia. Garment-supporter.....	828,951	Aug. 21	2522	535	123	2360
Morang Chemical Company. (See Morang, William F., assignor.)						
Morang, William F., assignor to Morang Chemical Company, Manchester, N. H. Composition of matter for softening and bleaching sole-leather.....	820,121	May 8	2244		122	563

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Moras, Edmond R., Chicago, Ill. Tool-holding and self-locking attachment.	829,081	Aug. 21	2786	587	123	2429
Moravec, John, Chatham, Canada. Wood-grinder.	825,925	July 17	2537	528	123	677
Morck, Emanuel, Frankfort-on-the-Main, Germany. Alternating-current meter on Ferraris principle.	819,242	May 1	418	88	122	98
Morden, Lucena M., Waterbury, Conn. Means for retaining book-rings in position.	836,127	Nov. 20	2426	512	125	700
Morden, Lucena M., Waterbury, Conn. Divided ring for loose-leaf books.	839,403	Dec. 25	4200	599-900	125	2523
Morden, Lucena M., Waterbury, and L. R. Hitchcock, Watertown, Conn.; said Hitchcock assignor to said Morden. Adjustable loose-leaf binder.	831,969	Sept. 25	4182	873	124	1149
Moreau, Joseph, St. Germain de Grantham, Canada. Rossing-machine.	827,747	Aug. 7	108	23-4	123	1697
Moreau, Joseph, St. Germain de Grantham, Quebec, Canada. Potato-digger.	834,315	Oct. 30	4865	1028	124	2577
Moreaux, Arnould L., Paris, France. Hinge.	828,762	Aug. 14	2138	452	123	2231
Morehead, James T. (See Roberts, Isaiah L., assignor.)						
Morehead, John, assignor to D. Stott, Detroit, Mich. Governor for steam systems and meter therefor.	816,589	Apr. 3	72	17-18	121	1372
Morehead, John M., Chicago, Ill. Gas-analysis apparatus.	824,999	July 3	643	129	123	168
Morehead, John M., Chicago, Ill. Producing calcium carbide.	825,234	July 3	1085	229	123	283
Morehouse, David, St. Elmo, Ill. Lubricator for engine-valves.	823,349	June 12	2271	474	122	2272
Morehouse, David, Delphos, Ohio. Steam-engine lubricator.	838,040	Dec. 11	1513	325	125	1774
Morehouse, Eugene W., assignor to B. A. Ballou & Company, Providence, R. I. Pintongue and hinge-joint.	825,403	July 10	1440	302	123	392
Morehouse, Melvin W., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	808,772	Jan. 2	302	65	120	69
Morehouse, Melvin W., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	818,274	Apr. 17	3443	740	121	2223
Morehouse, Melvin W., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	826,593	July 24	3910	810	123	1039
Morehouse, Melvin W., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	828,763	Aug. 14	2139	453	123	2232
Morehouse, Ralph, Oswein, Iowa. Measuring-rule.	827,932	Aug. 7	471	97	123	1789
Morel, Charles F. V., Paris, France. Apparatus for sterilizing liquid by heat under pressure.	812,765	Feb. 13	2488	546	120	2070
Moreland, Joseph S., assignor of one-half to M. Mosely, Rochester, N. Y. Sparking-ignition-controlling means for explosive-engines.	818,460	Apr. 24	3895	818	121	2354
Morell, David, Cassel, Germany. Packing for rotary engines.	823,428	June 12	2407	507	122	2300
Morelock, William H. H., Jonesboro, Ark. Automatic damper.	813,228	Feb. 20	3411	752	120	2317
Moremen, Marcus S., Switzerland, Fla. Sap-receptacle.	832,496	Oct. 2	960	191	124	1443
Moreno, Luigi, and A. D'Antony, Turin, Italy. Apparatus for burning gas.	812,513	Feb. 13	2000	438-9	120	1974
Moreton, George W., assignor to Betts Machine Company, Wilmington, Del. Driving mechanism.	830,799	Sept. 11	1836	382	124	492
Morewood, William B., Elizabeth, N. J. Door-bolt and means for operating the same.	828,673	Jan. 2	98	22	120	24
Morewood, William B., Elizabeth, N. J. Supporting device.	818,700	Apr. 24	4315	925	121	2465
Morey, Charles A., Floyd, Iowa. Rein-holder.	839,174	Dec. 25	3758	811	125	2416
Morey, Edward K. (See Alexander, Arthur F., assignor.)						
Morford, Isaac N., Waynesville, Ill. Wire-fence machine.	821,112	May 22	4277	910	122	1129
Morgan, Carlos, Castleton, N. Y. Pianissimo device.	823,616	June 19	2801	593	122	2444
Morgan, Charles, South Orange, N. J. Shock-absorber.	835,247	Nov. 6	750	157	125	189
Morgan, Charles H., Worcester, Mass. Gas-producer.	819,075	May 1	83	19	122	22
Morgan, Claude L., and J. F. Hoheisel, Idaho Springs, Colo. Floating-metal-saving device for concentrators.	829,884	Aug. 28	4506	950-1	123	2899
Morgan Construction Company. (See Edwards, Victor E., assignor.) (Reissue.)						
Morgan Construction Company. (See George, Jerome R., assignor.)						
Morgan, Doctor F., Chicago, Ill. Diaphragm-valve.	814,063	Mar. 6	125	24	121	28
Morgan, Edmund C., Chicago, Ill., assignor to Morgan Electric Machine Company, East Chicago, Ind. Rheostat.	814,913	Mar. 13	1809	379	121	453
Morgan, Edward L., Little Rock, Ark. Railway-switch stand.	809,719	Jan. 9	2243	466	120	526
Morgan Electric Machine Company. (See Morgan, Edmund C., assignor.)						
Morgan Engineering Company. (See Taylor, Clarence L., assignor.)						
Morgan, Frances L., Rock Mart, Ga. Bedstead attachment.	830,246	Sept. 4	696	139	124	176
Morgan, Francis F., Brooklyn, N. Y. Trap for condensed matter in gas-pipes.	836,696	Nov. 27	3594	766	125	1017
Morgan-Gardner Electric Company. (See Noble, Ralph E., assignor.)						
Morgan, George H., Loup City, Nebr. Power-converting apparatus.	828,497	Aug. 14	1624	343	123	2101
Morgan, George W., Jr. (See Wilcox, Theodore B., assignor.)						
Morgan, Gwendolyn C. (See Morgan, Thomas S., assignor.)						
Morgan, Henry, assignor of one-half to C. Fisher, Cripple Creek, Colo. Beverage-spoon.	832,992	Oct. 9	1957	409	124	1723
Morgan, Henry P., Norwalk, assignor to Norwalk Iron Works Company, South Norwalk, Conn. Mechanism for unloading air-compressors.	837,327	Dec. 4	101	27	125	1379
Morgan, Henry W., Rochester, N. Y. Nailing-machine.	816,350	Mar. 27	4823	1021-3	121	1206
Morgan, Hubert W., Cleveland, Ohio. Vulcanizing.	837,865	Dec. 4	1165	257	125	1643
Morgan, James, New Bedford, Mass. Elevator-catch.	822,538	June 5	600	121	122	1859
Morgan, James, Randfontein, Transvaal. Respirator.	838,434	Dec. 11	2316	501	125	1973
Morgan, John J., assignor to J. C. Hooper and T. M. Hanson, Baltimore, Md. Pneumatic sander.	831,970	Sept. 25	4185	873-4	124	1150
Morgan, Mary E., Fort Smith, Ark. Trunk.	809,124	Jan. 2	999	206	120	220
Morgan Potter Company. (See Potter, Morgan, assignor.)						
Morgan, Ralph L., Worcester, Mass. Flexible shaft.	838,882	Dec. 18	3161	681	125	2222
Morgan, Ralph L., and J. N. Heald, assignors to Heald Machine Company, Worcester, Mass. Grinding-machine.	810,426	Jan. 23	3727	758	120	932
Morgan, Ralph L., and J. N. Heald, assignors to Heald Machine Company, Worcester, Mass. Drill-grinding machine.	827,459	July 31	5694	1179	123	1500
Morgan, Robert W., Youngstown, Ohio. Combined tooth-brush and holder.	835,365	Nov. 6	978	208	125	248
Morgan, Rovena G., Fort Worth, Tex. Combined lifting-jack and shaft-support.	816,113	Mar. 27	4332	917	121	1101
Morgan Spring Company. (See Bigelow, George E., assignor.)						
Morgan Spring Company. (See Bullard and Scott, assignors.)						
Morgan, Stephen L., Rutherford, N. J. Printing-machine.	824,190	June 26	3874	827-8	122	2737
Morgan, Stephen L., Rutherford, N. J. Inking mechanism for printing-presses.	824,191	June 26	3880	828	122	2738
Morgan, Thomas S., assignor to G. C. Morgan, Chicago, Ill. Steam-heating system.	820,809	May 15	3605	771	122	923
Morgan, Thomas W., assignor to W. W. Marsh, Waterloo, Iowa. Driving mechanism for centrifugal liquid-separators.	822,974	June 12	1476	307	122	2097
Morgan, William H. (See Seely, Freeman H., assignor.)						
Morgan, William H., Los Angeles, Cal. Amalgamator.	816,243	Mar. 27	4576	974	121	1153
Morgan, William H., San Francisco, Cal. Placer-amalgamator.	835,195	Nov. 6	642	132	125	163
Morgan, William J., Kansas City, Mo. Seesaw.	826,682	July 24	4083	847	123	1086
Morgan, William S., and S. W. Fellows, Russell, Minn. Pin-setting apparatus.	814,227	Mar. 6	437	90	121	94
Morgans, William C., and T. Gilloon, Dubuque, Iowa. Bale binder and tier.	810,212	Jan. 16	3235	669-70	120	789
Morgenthaler, Peter C., Fort Wayne, Ind., assignor to General Electric Company. Fuse-box.	825,333	July 10	1293	272	123	355

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Di'g.	Vol.	Page.
Morgeneier, Robert, assignor to R. F. Jackson, Oakland, Cal. Briquet-machine	826,046	July 17	2774	575-6	123	740
Moriarty, George J. (See Akers, D. Claude, assignor.)						
Moriarty, John J. (See Lieske, Frank, assignor.)						
Moriarty, Thomas J., Newport, R. I. Means for carrying and handling torpedoes on vessels	818,390	Apr. 17	3667	787-9	121	2269
Moriarty, William, Norcross, assignor of one-half to G. J. Maher, Millinocket, Me. Dam-gate hoist	825,000	July 3	645	129	123	169
Morig, John, Black Earth, Wis. Steering device for vehicles	828,952	Aug. 21	2523	535	123	2361
Morin, J. Tancrede. (See Belair, Albert, assignor.)						
Morison, Donald B., Hartlepool, England. Apparatus for condensing steam	816,811	Apr. 3	510	111-12	121	1470
Moritz, Adolph, Montgomery, Ala. Car-coupling	829,347	Aug. 21	3359	707	123	2578
Moritz & Kummer. (See Spoerl, Johann H., assignor.)						
Morkert, Samuel, Querida, Colo. Combination-tool	822,066	May 29	6158	1313	122	1604
Morley, Edgar L. (See Hatzel and Morley.)						
Morrell, Edward, San Quentin, Cal. Pneumatic life-saving suit	836,524	Nov. 20	3225	687	125	894
Morrice, George, and C. G. Grim, Sonora, Cal. Power transmission	820,122	May 8	2244	488	122	563
Morrill, Hollis L., Monticello, Me. Ventilator	823,350	June 12	2272	474	122	2272
Morrill, Leon G., Norwood, Mass. Appliance for putting tires on the rims of vehicles	819,156	May 1	231	49	122	57
Morrill, William C., New York, N. Y. Liquid-dispensing apparatus	835,162	Nov. 6	577	118	125	146
Morris, Archibald D., New York, N. Y. Detachable-link chain	813,229	Feb. 20	3412	752	120	2317
Morris, Arthur. (See Baker, John W., assignor.)						
Morris, Arthur A., San Diego, Cal. Means for assembling blocks for marine dry-docks	835,139	Nov. 6	541	110	125	138
Morris, Arthur E., and J. W. Baker, Adrian, Mich. Clothes-holder	831,367	Sept. 18	2952	626	124	797
Morris, Charles A., Bloomfield, N. J., assignor to Hayward Company, New York, N. Y. Dredging-bucket	814,618	Mar. 6	1228	259-60	121	266
Morris, Charles A., Bloomfield, N. J., assignor to Hayward Company, New York, N. Y. Hoisting and transferring apparatus	819,445	May 1	826	178	122	185
Morris, Charles H., Pasadena, Cal. File-binder	825,474	July 10	1612	335	123	431
Morris, Charles W., Newark, N. J. Pintle-retainer	836,199	Nov. 20	2577	543	125	735
Morris & Company of Illinois. (See Brooks, William A., assignor.)						
Morris, De Haven, Wilmington, Del. Tool	812,067	Feb. 6	1068	233	120	1706
Morris, Edgar T., Elburn, Ill. Gate	820,516	May 15	3042	654	122	799
Morris, Edgar T., Elburn, Ill. Culvert-mold	837,328	Dec. 4	104	28	125	1380
Morris, Edgar T., Elburn, Ill. Gate-opener	837,329	Dec. 4	105	28-9	125	1380
Morris, Edward, <i>et al.</i> (See McDonagh, Thomas J., assignor.)						
Morris, Edwin J. (See Morris and Staples, assignors.)						
Morris, Emerson T., assignor of one-half to G. H. Morris, Derwent, Ohio. Stone-quarrying machine	823,351	June 12	2273	474-5	122	2272
Morris, George, Fruithurst, Ala., assignor of one-third to L. Frazier, Lawrenceburg, Tenn. Sawing-machine	815,028	Mar. 13	2065	432	121	505
Morris, George H. (See Morris, Emerson T., assignor.)						
Morris, Harry W., Oak Park, Ill., assignor to Northern Electrical Manufacturing Company. Safety appliance	839,404	Dec. 25	4202	900-1	125	2524
Morris, Henry G., Philadelphia, Pa. Brick molding and pressing machine	819,781	May 8	1481	317	122	391
Morris, James, assignor to Streater Metal Stamping Company, Streater, Ill. Top-buggy	821,727	May 29	5513	1175	122	1458
Morris, James A., Atlanta, Ga. Spirometer	821,664	May 29	5375	1146	122	1428
Morris, James H., St. Louis, Mo. Safety heel attachment	833,235	Oct. 16	2406	516	124	1900
Morris, John B., <i>et al.</i> (See Hayward, Eugene, assignor.)						
Morris, John J. (See Lind, John W., assignor.)						
Morris, John O., New York, N. Y., assignor to Norfolk Novelty Corporation, Norfolk, Va. Burglar-alarm	824,259	June 26	4019	860	122	2767
Morris, John R., Jewell, Kans. Combined cane and whip	815,438	Mar. 20	2984	622	121	758
Morris, Robert, Winthrop, Me. Spinning-spindle	815,367	Mar. 20	2804	584	121	716
Morris, Robert S. (See Lineback, John B., assignor.)						
Morris, Thomas F., Waterford, N. Y. Power mechanism for knitting-machines	824,565	June 26	4636	985	122	2898
Morris, Walter. (See Todd, Jesse J., assignor.)						
Morris, William C., Houston, Tex. Double-screw swivel lifting-jack	810,374	Jan. 16	3582	737	120	866
Morris, William M., and E. M. Staples, Elizabeth, assignors to W. M. and E. J. Morris, Yardville, N. J. Metallic frame for baskets and trucks	828,232	July 7	1062	223	123	1929
Morris, William R., Kingsland, Ark. Gate-latch	826,952	Aug. 24	4588	955	123	1211
Morrison, Andrew. (See Thomson, McLeod W., assignor.)						
Morrison, Andrew, Pittsburg, Pa. Metallic railway-tie	821,951	May 29	5946	1266	122	1555
Morrison, Andrew, Pittsburg, Pa. Insulated-track system	831,562	Sept. 25	3337	701	124	931
Morrison, Archibald, Covington, Tenn. Plow	814,721	Mar. 13	1460	306	121	379
Morrison, Donald H., <i>et al.</i> (See Woods, Thomas S., assignor.)						
Morrison, Douglas P., Newark, N. J. System of calibrating recording watt-hour meters	812,436	Feb. 13	1855	408	120	1944
Morrison, Dudley R., Hartford City, Ind. Casing for crude-oil engines	832,993	Oct. 9	1958	409	124	1723
Morrison, Florence A. (See Webster, John A., assignor.)						
Morrison, Fred, <i>et al.</i> (See Bundy, Henry C., assignor.)						
Morrison, Frederick J., Emporium, Pa. Grab-hook	808,860	Jan. 2	454	100	120	101
Morrison, Henry B., Newtown, near Sydney, New South Wales, Australia. Heel of boots and shoes	833,078	Oct. 9	2120	446	124	1765
Morrison, James A., and S. O. Dickinson, Manila, Philippine Islands. Fiber-disintegrating machine	836,126	Nov. 20	2423	511-12	125	699
Morrison, James D. (See McCormick and Morrison.)						
Morrison, James F., assignor to M. R. Morrison, Chicago, Ill. Brake-shoe	832,145	Oct. 2	260	49	124	1276
Morrison, James F., assignor to M. R. Morrison, Chicago, Ill. Brake-shoe	832,146	Oct. 2	260	50	124	1276
Morrison, James H., Dayton, Ohio. Lamp-burner	827,812	Aug. 7	248	50	123	1733
Morrison, James H., Dayton, Ohio. Construction of lamp-wicks	828,953	Aug. 21	2524	535	123	2361
Morrison, James H., Dayton, Ohio. Lamp-burner	839,175	Dec. 25	3758	812	125	2416
Morrison, James M., Sioux City, Iowa. Explosive-engine	821,370	May 22	4796	1019	122	1247
Morrison, John, Jr., Troy, N. Y. Pneumatic brush-filling machine	824,503	June 26	4507	956	122	2871
Morrison, John, Pittsburg, Pa. Plumb rule and level	826,182	July 17	3033	628	123	803
Morrison, John C., Louisville, Ky. Hat-fastener	808,674	Jan. 2	99	23	120	24
Morrison, John C., New York, N. Y. Button-fastener	822,539	June 5	600	121	122	1859
Morrison, John C., New York, N. Y. Hat-fastener	822,540	June 5	602	121	122	1859
Morrison, Lewis E., Philadelphia, Pa. Tripping mechanism for printing-presses	818,903	Apr. 24	4707	1010	121	2549
Morrison, Lewis E., Philadelphia, Pa. Sheet-manipulating mechanism for printing-presses	818,974	Apr. 24	4844	1041-2	121	2579
Morrison, Mary R. (See Morrison, James F., assignor.)	819,699	May 7	1307	284	122	294
Morrison, Putnam, Chattanooga, Tenn. Knockdown cabinet	828,133	Aug. 7	882	182	123	1888
Morrison, Reason R., Mineral City, Ohio. Fire-clay block and attachment	812,437	Feb. 13	1857	408	120	1944
Morrison, Samuel E., Oxford, assignor of three-fourths to J. W. Woodside, Philadelphia, and D. B. Woodside, Oxford, Pa. Machine for plucking feathers	837,330	Dec. 4	106	29	125	1380
Morrison, Samuel M., Bakersfield, Cal. Oil-burner	831,972	Sept. 25	4188	874	124	1151

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Morrison, Vaughn, assignor of one-half to L. H. Osterman, Coleridge, Nebr. Carbureter.	832,330	Oct. 2	633	121	124	1365
Morrison, Walter D., San Francisco, Cal. Machine for automatically segregating, measuring, and delivering molten glass	810,167	Jan. 16	3131	648	120	768
Morrison, William J., assignor to Electric Candy Machine Company, Nashville, Tenn. Candy-machine.	816,114	Mar. 27	4333	918	121	1102
Morriss, Thomas E., Forestburg, Tex. Combination-tool.	839,176	Dec. 25	3760	812	125	2416
Morrissey, Thomas F., West Orange, N. J., assignor to Rosenfield Manufacturing Company, New York, N. Y. Returning device for phonographs and other talking-machines.	831,455	Sept. 18	3110	658-9	124	837
Morrow, Alexander P., Elmira, N. Y. Back-pedaling brake.	821,522	May 22	5092	1085	122	1310
Morrow, David W., Plumville, Pa. Mail-box.	812,514	Feb. 13	2002	439	120	1974
Morrow, Ernest E., Bluffton, Ind. Window-screen.	811,733	Feb. 6	369	81	120	1568
Morrow, John B., assignor to Pepperell Card & Paper Company, Pepperell, Mass. Coating-machine	826,518	July 17	3730	773	123	979
Morrow, John H., Chicago, Ill. Fishing-tool for wells	832,920	Oct. 9	1822	376	124	1690
Morrow, Mark. (See Orr, Francis L., assignor.)						
Morrow, William L., Stockton, Cal. Double cylinder for gas-engines	832,268	Oct. 2	512	97	124	1337
Morrow, William L., Stockton, Cal. Tandem steam-engine	833,475	Oct. 16	2969	630	124	2024
Morrow, William P., Woodward, Okla. Ter. Lifter	838,041	Dec. 11	1515	325	125	1775
Mors, Fritz C., Elwood, Ind., assignor to American Sheet and Tin Plate Company, Pittsburgh, Pa. Power-sledge	809,575	Jan. 9	1952	405	120	462
Morse, Alfred B., South Easton, Mass. Automobile-frame.	835,547	Nov. 13	1335	287	125	380
Morse, Alonzo C., Shelby, Ohio. Crutch	815,368	Mar. 20	2806	584	121	716
Morse, Arthur A., assignor to La Crosse Can Company, La Crosse, Wis. Means for attaching handles for containers	830,095	Sept. 4	373	75	124	91
Morse Chain Company. (See Morse, Frank L., assignor.)						
Morse, Frank H., Rockford, Ill. Hub	833,407	Oct. 16	2816	597	124	1988
Morse, Frank L., assignor to Morse Chain Company, Trumansburg, N. Y. Detachable teeth for gear-wheels	824,132	June 26	3759	803	122	2711
Morse, Frank L., Trumansburg, assignor of one-third to H. H. Westinghouse, New York, N. Y. Method and apparatus for gaging temperatures	826,594	July 24	3912	810	123	1040
Morse, Frank W., and F. B. Hubbard, Warren, Ohio. Hot-air engine	822,463	June 5	450	91	122	1823
Morse, Harmon N., and J. C. W. Frazer, assignors of one-third to R. B. Morse, Baltimore, Md. Electric heater	816,172	Mar. 27	4445	941	121	1125
Morse, Herman A., Malden, Mass. Door-closing device	831,290	Sept. 18	2810	592-3	124	762
Morse, Jay D., Holbrook, Nebr. Post	811,313	Jan. 30	5456	1144	120	1350
Morse, John J., assignor to Michigan Wire Fence Company, Adrian, Mich. Tie for wire fencing	823,224	June 12	2035	423	122	2222
Morse, Joseph F., Chicago, Ill. Educational apparatus	832,331	Oct. 2	634	121	124	1365
Morse, Orville M., Jackson, Mich. Pallet for molds	815,109	Mar. 13	2221	467	121	539
Morse, Orville M., Jackson, Mich. Combined dust separator and collector	827,460	July 31	5695	1179-80	123	1500
Morse, Orville M., Jackson, Mich. Separator	837,705	Dec. 4	864	195	125	1569
Morse, Oscar D., Adrian, Mich. Fence-tie	811,866	Feb. 6	631	138	120	1619
Morse, Oscar D., Adrian, Mich. Tie for wire fencing	836,816	Nov. 27	3839	818	125	1083
Morse, Robert B. (See Morse and Frazer, assignors.)						
Morse, Rodolph F., Providence, R. I. Dispensing-can	822,622	June 5	791	161	122	1902
Morse, Sumner L., Athol, Mass. Inclosure for infants	818,106	Apr. 17	3092	667	121	2147
Morse, Sumner L., Athol, Mass. Cradle	824,133	June 26	3761	803	122	2712
Morse, William F., New York, N. Y. Garbage-furnace	836,330	Nov. 20	2847	605	125	804
Morse, William F., assignor to Enterprise Foundry Company, Rochester, N. Y. Machine for making building-blocks	832,690	Oct. 9	1356	274	124	1578
Morse, William W., West Orange, N. J. Sparking device	827,108	July 31	4934	1030	123	1309
Morsier, Frédéric de, Geneva, Switzerland. Expansion clamp device	811,163	Jan. 30	5195	1085	120	1287
Morsing, Christian, Plummer, Minn. Road-grader	813,055	Feb. 20	3072	673	120	2247
Morss, Rosannah L. (See Etzenhouser and Morss.)						
Mortensen, Casper C. M. (See Riddell and Mortensen.)						
Mortensen, Casper C. M., Schenectady, N. Y., assignor to General Electric Company. Work-holder for machine-tools	834,481	Oct. 30	5184	1101	124	2659
Mortensen, Hans J., assignor of one-half to H. P. Stewart, Baltimore, Md. Combined carrier and fastener for paper bags	835,455	Nov. 6	1162	251	125	292
Mortensen, Hans J., assignor of one-half to H. P. Stewart, Baltimore, Md. Non-refillable bottle	835,548	Nov. 13	1338	287	125	381
Mortensen, Martin, Sioux City, Iowa. Cream cooler and aerator	809,125	Jan. 2	1000	206	120	220
Mortensen, Peter A., Sanford, Colo. Whistle	819,076	May 1	85	20	122	23
Mortensen, William C., and G. M. Thenn, Salt Lake City, Utah. Switch mechanism	816,812	Apr. 3	515	112	121	1472
Mortrud, Einar, Konga, Sweden. Valve and means for actuating the same	831,798	Sept. 25	3820	800	124	1061
Mortrud, Einar, Christiania, Norway. Recovery of valuable gases in the sulfite process	833,936	Oct. 23	3937	836	124	2306
Mortimer, Charles G., Jr., New York, N. Y., assignor to Howard Miniature Lamp Company. Game and toy	830,800	Sept. 11	1837	382	124	493
Mortimer, Charles G., Jr., New York, N. Y., assignor to Howard Miniature Lamp Company. Game and toy	830,801	Sept. 11	1840	382	124	493
Mortimer, John D. D., Newport, England. File-box	839,405	Dec. 25	4209	901	125	2525
Mortland, Thomas. (See Connor, Joseph B., assignor.)						
Morton, Alexander F., Pittsburg, Pa. Hose-coupling for railway-trains	837,098	Nov. 27	4421	937-8	125	1224
Morton, Charles H., Jr. (See Gifford and Morton.)						
Morton, Ephraim S., Brockton, Mass. Last-thimble	813,812	Feb. 27	4562	1069	120	2625
Morton, Gavin, Carlisle, England. Apparatus for printing warps	834,396	Oct. 30	5032	1065	124	2619
Morton, Henry S., et al. (See Anderson, Lars, assignor.)						
Morton, Hezekiah, Thomasville, N. C. Plow	816,173	Mar. 27	4448	941	121	1125
Morton, Horace J., Chicago, Ill. Drying-kiln for lumber	837,866	Dec. 4	1166	258	125	1644
Morton, Marshall J. (See Ross and Morton.)						
Morton, Rolla A., San Jose, Cal. Power-transmission mechanism	818,107	Apr. 17	3093	667-8	121	2147
Morton, Samuel S., assignor to Ohio Manufacturing Company, Upper Sandusky, Ohio. Cooler for explosive-engines	839,617	Dec. 25	4631	988	125	2628
Morton Trust Company, trustee. (See Pope, Harry M., assignor.)						
Morway, John W., assignor to E. Ingraham Company, Bristol, Conn. Intermittent-alarm clock	831,233	Sept. 18	2680	563-4	124	727
Mosby, Alfred D., Philadelphia, Pa., assignor to Dodge Coal Storage Company, Naugatuck, Conn. Hoisting-bucket	821,523	May 22	5095	1085-6	122	1310
Mosebach, Albert, assignor to H. Mosebach & Sons, Philadelphia, Pa. Candy-machine	813,315	Feb. 20	3591	788-9	120	2354
Mosebach & Sons, H. (See Mosebach, Albert, assignor.)						
Moseley, Herman E., Rockymount, Va. Sack-filler	811,653	Feb. 6	229	49	120	1535
Moseley, John B., Danville, Va. Screen	810,788	Jan. 23	4433	920	120	1089
Moseley, Moss. (See Moreland, Joseph S., assignor.)						
Moser, Frank W., et al. (See Robinson, Frank T., assignor.)						
Moser, Fred J., Kane, Pa. Gas-well apparatus	820,237	May 8	2457	532	122	609

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Moser, Joseph J., West Covington, Ky. Can-closure	823,429	June 12	2409	507	122	2300
Moser, Joseph J., West Covington, Ky. Can-closure	823,430	June 12	2411	507	122	2300
Moser, Joseph J., West Covington, Ky. Can-closure	833,332	Oct. 16	2660	559	124	1950
Moses, De Witt S., Oshkosh, and H. P. Hamilton, assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Copy-holder	839,177	Dec. 25	3761	812	125	2416
Moses, Frank D., Trenton, N. J. Stove	817,182	Apr. 10	1259	261	121	1699
Moses, Horace A. (See Crocker, Eben C., assignor.)						
Moses, Walter D., (by judicial change of name now Walter M. Davis,) New York, N. Y. Means for governing the tempo in mechanical musical instruments	814,521	Mar. 6	1042	216	121	227
Moses, William S., Tracy, Minn. Rotary engine	814,389	Mar. 6	787	158-9	121	174
Mosher, Charles D., New York, N. Y. Air-feeding device for steam-generators	828,498	Aug. 14	1626	344	123	2101
Mosher, Charles P., assignor to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Sad-iron rest	831,456	Sept. 18	3114	659	124	839
Mosher, De Witt C., Manitou, Colo. Barrel-filter	812,438	Feb. 13	1853	408	120	1945
Mosher, George A., and F. C. Curtis, Troy, N. Y. Speed-regulator	831,563	Sept. 25	3338	701-2	124	931
Mosher, George W., Newport, Ky. Mail-pouch-exchanging device	823,617	June 19	2803	594	122	2145
Mosher, John J., Rochester, N. Y. Mechanism for printing-presses	809,004	Jan. 2	757	164	120	167
Mosher, Joseph, Grossdale, Ill. Harness-saddle	819,446	May 1	829	179	122	186
Mosher, Isaiah C., and J. S. Beatty, Los Angeles, Cal. Anti-interfering device	839,406	Dec. 25	4212	902	125	2525
Moshier, James W. assignor to Chase Rolling Mill Co., Waterbury, Conn. Machine for making metal bars or rods	817,085	Apr. 3	1055	219	121	1592
Mosler, Moses, New York, N. Y., assignor to Mosler Safe Company, Hamilton, Ohio. Fireproof safe	824,373	June 26	4237	903	122	2812
Mosler Safe Company. (See Mosler, Moses, assignor.)						
Mosley, James W., Bridgeport, Conn. Clamp for flexible tubes	823,068	June 12	1676	347	122	2141
Moss, Augustus L., Sandusky, Ohio. Explosion-turbine	820,238	May 8	2463	533	122	611
Moss, Augustus L., Sandusky, Ohio. Valve	820,239	May 8	2466	534	122	612
Moss, Bertie B., Salem, Ind. Non-refillable bottle	828,675	Aug. 14	1965	413	123	2188
Moss, Bertie B., Salem, assignor of one-half to C. L. Jewett, New Albany, Ind. Tie-plate	837,706	Dec. 4	868	196	125	1570
Moss, James F., Palmyra, Va. Shipping-crate	824,566	June 26	4638	986	122	2898
Moss, John I., Abbotsford, Victoria, Australia. Self-acting window-lock	824,567	June 26	4639	986	122	2899
Moss, Leon F. (See Bell, Walter J., assignor.)						
Moss, Lincoln, assignor to Robins Conveying Belt Company, New York, N. Y. Conveyor	828,331	Aug. 14	1298	274	123	2016
Moss, Walter L., Blaine, Ga. Fishing device	810,789	Jan. 23	4434	920	120	1089
Mossberg, Oscar F., Chicopee Falls, Mass. Pistol	837,867	Dec. 4	1168	258-9	125	1644
Mossberg, Oscar F., assignor to M. E. Johnson, Fitchburg, Mass., executrix of I. Johnson, deceased. Breech-loading firearm	818,461	Apr. 24	3808	819	121	2355
Mosses, Henry F., Boston, Mass. Card-catalogue	815,110	Mar. 13	2222	467	121	539
Mosteller, Dosier H., assignor to Mosteller Manufacturing Company, Chicago, Ill. Fruit-squeezer	808,861	Jan. 2	456	100	120	101
Mosteller, Dosier H., assignor to Mosteller Manufacturing Company, Chicago, Ill. Ice-cream spoon	825,147	July 3	910	192	123	241
Mosteller, Dosier H., assignor to Mosteller Manufacturing Company, Chicago, Ill. Dipper	836,817	Nov. 27	3840	818	125	1083
Mosteller, Dosier H., assignor of one-half to R. N. and F. N. Baylies, Chicago, Ill. Ice-cream spoon	820,061	May 8	2119	462	122	536
Mosteller Manufacturing Company. (See Mosteller, Dosier H., assignor.)						
Mothes, Georg, Rüttenscheid, near Essen-on-the-Ruhr, assignor to F. Krupp, Essen-on-the-Ruhr, Germany. Apparatus for the production of globoidal worm-wheels	809,833	Jan. 9	2438	507	120	563
Mothes, Georg, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Measuring device	819,243	May 1	420	88	122	98
Motley, Phillips B., Montreal, Canada. Means for supporting the expansion ends of bridges, &c.	809,071	Jan. 2	878	186-7	120	194
Motor Traction Company. (See Rhodes, Levi, assignor.)						
Motsinger Device Manufacturing Company. (See Motsinger, Homer N., assignor.)						
Motsinger, Homer N., assignor to Motsinger Device Manufacturing Company, Pendleton, Ind. Electric igniter	810,963	Jan. 30	4811	1000	120	1205
Mott, Albert M., Hampton, Iowa. Automatic electric block system	813,909	Feb. 27	4773	1053-4	120	2671
Mott Carbonator Company. (See Fox, John H., assignor.)						
Mott, Charles S., Utica, N. Y., assignor to Hyatt Roller Bearing Company, Harrison, N. J. Roller-bearing for automobile-wheels	839,499	Dec. 25	4414	941	125	2575
Mott, Daniel L. (See Horton, Robert E., assignor.)						
Mott, Elias. (See Willson, John W., assignor.)						
Motti, César, Grasse, France. Photographic apparatus	838,042	Dec. 11	1516	326	125	1775
Mottlau, August J., New York, N. Y., assignor to Borden's Condensed Milk Co. Dispensing device for receptacles	820,062	May 8	2120	462	122	536
Mouchel, Gustave L., London, England. Concrete pile, pillar, &c.	812,223	Feb. 13	1438	314	120	1854
Mouck, Andrew B., Twisp, Wash., assignor of two-thirds to R. S. Lewis and T. Twichell, Fargo, N. D. Leaching-tank	808,675	Jan. 2	101	23	120	25
Moulié, Eugène, Jacksonville, Fla. Pollen-collecting device	834,746	Oct. 30	5695	1209	124	2788
Moulton, Arthur C., et al. (See Mitchell, Ira G., assignor.)						
Moulton, Dexter E. (See Sexsmith and Moulton.)						
Moulton and Evans. (See Seeley, Marquis F., assignor.)						
Moulton, James N., Haverhill, Mass., assignor to Waterproof Welt & Filler Co., Hartford, Conn. Shoe	809,622	Jan. 9	2055	426	120	483
Moulton, James N., Haverhill, Mass., assignor to Waterproof Welt & Filler Company, Hartford, Conn. Box for toes of shoes	830,911	Sept. 11	2039	429	124	543
Moulton, James N., Philadelphia, Pa., assignor to J. R. Reynolds, Hartford, Conn. Waterproof sole	809,623	Jan. 9	2057	427	120	483
Moulton, Walter E., Plain City, Ohio. Fastening device for umbrella-handles	818,701	Apr. 24	4316	925	121	2465
Mount, Austin, assignor of one-fourth to C. Johnson, Erie, Pa. Device for holding target-stickers	821,113	May 22	4278	910	122	1130
Mount, Austin, assignor of one-fourth to C. Johnson, Erie, Pa. Target-sticker	824,307	June 26	4098	876	122	2784
Mountain, William, Alexandria, Ind. Rolls	836,047	Nov. 13	2233	478	125	601
Mouser, Adam C., Richmond, Ind. Gas-burner	817,261	Apr. 10	1423	299	121	1732
Mouser, Robert H., Jr., Crown, Tex. Seeder	834,482	Oct. 30	5186	1101-2	124	2659
Mousseau, Edward A. E. (See Mousseau, Edward D. and E. A. E.)						
Mousseau, Edward D. and E. A. E. Hull, Quebec, Canada; said E. A. E. Mousseau assignor to said Edward D. Mousseau. Rotary engine	835,030	Nov. 6	310	66	125	80
Moussette, Oliver J., Brooklyn, N. Y. Grinding-mill	825,148	July 3	913	192-3	123	241
Mouterde, Francois, Lyon, France. Storage battery	814,064	Mar. 6	126	24	121	29
Mouterde, Francois, Lyon, France. Apparatus for forming tubes for electrode-plates	837,707	Dec. 4	869	196	125	1571
Mowat, Oliver M., McKeesport, Pa. Drill-chuck	824,735	July 3	68	14	123	21
Mowat, Oliver M., McKeesport, assignor to National Tube Company, Pittsburg, Pa. Countersinking or facing machine	815,029	Mar. 13	2066	433	121	505

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Mowbray, Frank H., Glenburnie, W. Black, Wardsworth Common, and R. Warriner, Catford, England. Multicolor-printing press.	819,157	May 1	232	50	122	58
Mowbray, James W., Walton, Canada. Governor for marine engines.	817,262	Apr. 10	1424	300	121	1732
Mowen, Daniel H., Myersville, Md. Wave-motor.	822,067	May 29	6159	1313	122	1605
Mowers, Arthur D. (See Underwood and Mowers.)						
Mowery, Elizabeth H. (See Sherin, Gilbert W., assignor.)						
Mowery, Lewis W., and J. A. Humphrey, Lima, Ohio. Railway-rail tie.	829,282	Aug. 21	3223	678	123	2538
Mowrer, Martin L., Dayton, Ohio. Machine for hulling, degerminating, and hominying corn.	823,186	June 12	1934	398-9	122	2199
Mowrey, Frank. (See Stewart and Mowrey.)						
Mowry, Joseph B., assignor of one-eighth to E. Lindmueller, Cleveland, Ohio. Steam-boiler.	826,519	July 17	3731	773-4	123	979
Moxham, Arthur J., Wilmington, Del. Machine for crimping or bending the ends of cylinders formed of plastic or flexible material.	822,068	May 29	6161	1313-14	122	1605
Moxham, Egbert, Wilmington, Del. Machine for crimping or bending the bodies of pulp kegs or packages.	832,075	Oct. 2	90	20	124	1233
Moxley, Delozier, <i>et al.</i> (See Trabue, William, assignor.)						
Moyer, Harvey A., <i>et al.</i> (See Kavie, Oscar C., assignor.)						
Moyer, Harvey A. (See Latta, Emmitt G., assignor.)						
Moyer, Harvey A., Syracuse, N. Y. Type-writing machine.	820,935	May 15	3888	829-30	122	984
Moyer, Harvey A., Syracuse, N. Y. Tag for live stock.	834,587	Oct. 30	5383	1142	124	2708
Moyer, Harvey A., assignor of one-half to E. G. Latta, Syracuse, N. Y. Securing means for the hangers of type-writing machines.	819,366	May 1	679	142-3	122	155
Moyer, Harvey A., assignor of one-half to E. G. Latta, Syracuse, N. Y. Securing means for the hangers for type-writing machines.	832,802	Oct. 9	1585	325	124	1632
Moyer, Harvey A., and E. G. Latta, Syracuse, N. Y. Type-writing machine.	819,365	May 1	675	142	122	154
Moyer, Harvey A., and E. G. Latta, Syracuse, N. Y. Type-writing machine.	819,782	May 8	1483	318	122	392
Moyer, Herman, Denver, Colo. Butter-cutting device.	814,558	Mar. 6	1122	233	121	244
Moyer, Jacob T., Milford Square, Pa. Clamp for rules.	814,722	Mar. 13	1461	306	121	379
Moylan, Alexander M., Century, Fla. Nut-lock.	826,734	July 24	4181	868	123	1108
Moylan, Bryan. (See Hadley and Moylan.)						
Moylan, Lillian F., Detroit, Mich. Corset.	819,447	May 1	831	179	122	186
Moyle, John, Saxton, Pa. Railway-rail.	825,975	July 17	2632	547	123	704
Moyle, Leigh, St. Louis, Mo. Lantern.	831,291	Sept. 18	2812	593	124	762
Mrazay, John, <i>et al.</i> (See Salmen, Carl R., assignor.)						
Mucklé, John S. (See Mucklé and Smith.)						
Mucklé, John S. (See Mucklé and Smith.) (Reissue.)						
Mucklé, John S., assignor to Standard Elevator Interlock Company, Philadelphia, Pa. Locking mechanism for elevators.	811,427	Jan. 30	5700	1193	120	1395
Mucklé, Mark R., Jr., and J. S., and T. C. Smith, Philadelphia, Pa. Pumping system.	826,953	July 24	4589	956-7	123	1211
Mucklé, Mark R., Jr., and J. S., and T. C. Smith, Philadelphia, Pa. Pumping system. (Reissue.)	12,547	Oct. 23	4710	997-8	124	2493
Mudd, Joseph A., assignor to Chicago Binder & File Company, Chicago, Ill. Loose-leaf binder.	838,201	Dec. 11	1865	399	125	1864
Mudd, Joseph A., and T. R. Eddy, Chicago, Ill. Loose-leaf binder.	838,435	Dec. 11	2317	501-2	125	1973
Mudd, William R., Cincinnati, Ohio. Advertising device.	831,973	Sept. 25	4190	874	124	1152
Mudge, Benjamin C., Boston, Mass., assignor to W. M. Stone, trustee, New York, N. Y. Treating fibrous material.	831,621	Sept. 25	3455		124	962
Mudge, Charles A., New York, N. Y. System of electric-motor control.	815,304	Mar. 13	2614	548-9	121	629
Mudge, Henry H. (See Mudge, Marguerite D. and H. H.)						
Mudge, Marguerite D. and H. H., Bristol, R. I. Removable calk for horseshoes.	822,541	June 5	604	122	122	1860
Mudge, Marguerite D. and H. H., Bristol, R. I. Horseshoe.	835,974	Nov. 13	2116	454	125	571
Muehleisen, Carl, Berlin, Germany, assignor to Mergenthaler Linotype Company. Typographic machine.	812,585	Feb. 13	2157	472	120	2006
Muehleisen, Carl, Berlin, Germany, assignor to Mergenthaler Linotype Company. Linotype-machine.	812,586	Feb. 13	2161	473	120	2006
Muehleisen, Carl, Berlin, Germany, assignor to Mergenthaler Linotype Company. Linotype-machine.	814,469	Mar. 6	949	194-5	121	207
Muehleisen, Carl, Berlin, Germany, assignor to Mergenthaler Linotype Company, New York, N. Y. Typographic machine.	828,564	Aug. 14	1762	370-1	123	2137
Muehr, Lawrence J., Duluth, Minn. Car-mover.	830,912	Sept. 11	2042	429	124	544
Mueller, Bernhard A., East St. Louis, Ill. Mold for concrete-wall construction.	824,192	June 26	3883	828-9	122	2739
Mueller, Bernhard A., East St. Louis, Ill. Core for concrete-wall constructions.	824,193	June 26	3886	829	122	2739
Mueller, Carl L., Wapakoneta, Ohio. Metallic railway-tie.	814,978	Mar. 13	1933	406	121	477
Mueller, Charles F., and H. R. Braunsdorf, Elizabeth, N. J. Screw-driver and other hand-tool.	828,895	Aug. 21	2415	514	123	2332
Mueller, Charles P. (See Weber and Mueller.)						
Mueller and Co., C. F. (See Mueller, Samuel, assignor.)						
Mueller, Edmund, <i>et al.</i> (See Stupe, Carl F. R., assignor.)						
Mueller, Felix, assignor to Standard Stopper Company, New York, N. Y. Feeding device.	826,595	July 24	3914	811	123	1040
Mueller, Frederick T., New York, N. Y. Thermostat.	826,735	July 24	4182	869	123	1109
Mueller, Friedrich, St. Louis, Mo. Brick-press.	826,438	July 17	3518	732-3	123	921
Mueller, Friedrich, St. Louis, Mo. Tile-press.	833,793	Oct. 23	3597	769	124	2219
Mueller, Gustav, Cleveland, Ohio. Box-lid holder.	822,975	June 12	1477	307	122	2097
Mueller, Henry, Kilbourn, Wis. Mail-box and transmitter.	822,294	June 5	140	27-8	122	1759
Mueller, John, Elmhurst, Ill. Seesaw and roundabout.	823,618	June 19	2805	594	122	2445
Mueller, Philip, assignor to H. Mueller Manufacturing Company, Decatur, Ill. Basin-cock.	809,720	Jan. 9	2246	466	120	526
Mueller, Philip, assignor to H. Mueller Manufacturing Company, Decatur, Ill. Basin-cock.	810,168	Jan. 16	3133	648	120	769
Mueller, Philip, and J. Boland; said Mueller assignor to H. Mueller Manufacturing Company, Decatur, Ill. Grinding or polishing machine.	819,021	Apr. 24	4935	1059	121	2600
Mueller, Philip, and J. C. White, assignors to H. Mueller Manufacturing Company, Decatur, Ill. Blow-off connection for steam-boilers.	818,775	Apr. 24	4474	958	121	2499
Mueller, Rudolph. (See Wenzy, Charles, assignor.)						
Mueller, Samuel, assignor to C. F. Mueller and Co., Jersey City, N. J. Noodle-dough-cutting apparatus.	814,862	Mar. 13	1723	360-1	121	434
Mueller, Samuel, assignor to C. F. Mueller Co., Jersey City, N. J. Macaroni-sawing machine.	822,218	May 29	6448	1369-70	122	1671
Mueller, William C., Chicago, Ill. Attachment for barbers' chairs.	826,954	July 24	4593	957	123	1212
Mueller, William J., Salamanca, N. Y. Bottle-closure.	824,504	June 26	4509	956	122	2871
Mueser, William, New York, N. Y. Material of construction.	815,617	Mar. 20	3275	687	121	821
Mueser, William, New York, N. Y. Materials of construction.	815,618	Mar. 20	3277	688	121	822
Mueser, William, New York, N. Y. Concrete-steel construction.	815,619	Mar. 20	3279	688	121	822
Mueser, William, New York, N. Y. Concrete-steel construction.	815,620	Mar. 20	3281	688	121	823

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Muff, Charles E., assignor of one-half to Ateliers de Constructions Mécaniques Cidevant Ducommun, Mülhausen, Alsace, Germany. Driving mechanism for motor-vehicles.	811,314	Jan. 30	5487	1144	120	1351
Muffy, Sidney T., Philadelphia, Pa., assignor to Philadelphia Cyanide Process Company, Wilmington, Del., and Philadelphia, Pa. Extracting precious metals from their ores.	820,810	May 15	3606	771	122	923
Muffy, Sidney T., Philadelphia, Pa., assignor to Philadelphia Cyanide Process Company, Wilmington, Del., and Philadelphia, Pa. Apparatus for extracting precious metals from their ores.	820,811	May 15	3610	771	122	924
Muffy, Sidney T., Philadelphia, Pa., assignor to Philadelphia Cyanide Process Company, Wilmington, Del., and Philadelphia, Pa. Lixivator.	820,812	May 15	3614	772	122	925
Muffy, Sidney T., Philadelphia, Pa., assignor to Philadelphia Cyanide Process Company, Wilmington, Del., and Philadelphia, Pa. Condensing or dissolving gases and vapors.	820,813	May 15	3616	772	122	925
Muffy, Sidney T., Philadelphia, Pa., assignor to Philadelphia Cyanide Process Company, Wilmington, Del., and Philadelphia, Pa. Apparatus for condensing gases.	820,884	May 15	3786	807-8	122	962
Mühlrad, Johann, Jasio, Austria-Hungary. Lubrication-pipe.	812,352	Feb. 13	1687	371	120	1910
Mühlstephan, Carl W. H., Jr., Magdeburg, Germany. Hawser.	825,748	July 10	2225	463	123	588
Muir, James, North Adams, Mass. Oil drip-cup.	828,896	Aug. 21	2417	514	123	2333
Muir, John, Brantford, Canada. Measuring device for concrete-mixers.	817,436	Apr. 10	1771	371	121	1806
Muir, John, Carlisle, Scotland. Window-sash frame.	820,885	May 15	3788	808	122	962
Muir, John, Beith, Scotland. Axle-block for vehicles.	836,331	Nov. 20	2849	605	125	805
Muir, Reginald L. (See Bens, Samuel J., assignor.)						
Munhead, John, East Oakland, Cal., assignor of one-third to G. M. Bailey, Providence, R. I. Ink-well.	828,043	Aug. 7	704	145	123	1845
Muirheid, Silas B., St. Louis, Mo. Cotton-chopper.	821,815	May 29	5691	1213	122	1500
Mulally, Thomas, Princeville, Ill. Cultivator.	816,351	Mar. 27	4828	1023-4	121	1207
Mulhall, Charles W. (See Jensen, Joseph J., assignor.)						
Mulhearn, Charles, assignor of two-thirds to R. J. O'Donnell and C. Phillips, Freeland, Pa. Safety device for mine-cages.	825,334	July 10	1294	272	123	355
Mulholland, Vergil. (See Knapp and Mulholland.)						
Mulkerins, Thomas M., Chicago, Ill. Candle-socket.	837,240	Nov. 27	4686	944	125	1289
Mull, James H., Philadelphia, Pa., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Pipe-bending machine.	811,516	Jan. 30	5845	1224	120	1425
Mullan, Joseph J. (See Wheeler and Mullan.)						
Mullarkey, John F., West Toledo, assignor of one-half to H. Herzog, Toledo, Ohio. Non-refillable bottle.	822,542	June 5	606	122	122	1860
Mullarkey, Michael J., Sharpsville, Ind. Fence-post.	819,783	May 8	1491	319	122	393
Mullen, Gregory M., Baltimore, Md. Grate.	831,368	Sept. 18	2953	626-7	124	797
Müller, Adolph, Berlin, Germany. Storage battery.	813,730	Feb. 27	4405	971	120	2592
Müller, Andreas C., Mögeltodern, Germany. Molding-machine for building-bricks.	820,590	May 15	3177	683	122	829
Müller, Arthur, Berlin, Germany. Frame building.	822,295	June 5	141	28-9	122	1760
Müller-Braltz, Erwin, Charlottenburg, Germany. Automatic spring-gun.	836,453	Nov. 20	3099	657	125	862
Müller, Carl J. R., Sundbyberg, Sweden. Furnace for charring wood, peat, and the like.	830,352	Sept. 4	906	186-7	124	224
Muller, Edward A., Madisonville, assignor to King Machine Tool Company, Cincinnati, Ohio. Belt-shifter.	821,181	May 22	4405	937-8	122	1159
Muller, Edward A., Madisonville, assignor to King Machine Tool Company, Winton Place, Ohio. Friction-clutch.	824,805	July 3	252	45	123	70
Müller, Emilius, London, England. Artificial eye.	826,047	July 17	2779	576	123	741
Müller, Frank X., assignor to Buffalo Forge Company, Buffalo, N. Y. Fan-blower.	820,431	May 15	2853	621	122	755
Müller, Franz. (See Glanzberg, Ernst H., assignor.)						
Müller, Friederich, Elizabeth, N. J. Feeding mechanism for machine-tools.	831,974	Sept. 25	4191	875	124	1152
Müller, Friederich, Elizabeth, N. J. Clutch.	837,632	Dec. 4	704	162	125	1528
Muller, George A., San Francisco, Cal. Baking apparatus.	819,575	May 1	1057	232	122	238
Müller, Gottfried, Philadelphia, Pa. Apparatus for treating dough, &c.	834,678	Oct. 30	5574	1183	124	2757
Müller, Gustav H., Kiel, and E. Jarek, Hamburg, Germany. Heat-non-conducting material.	810,342	Jan. 16	3512	724	120	850
Müller, Henry J. (See Foulon, Peter J., assignor.)						
Müller, Herman, Astoria, and E. Zipprich, assignors to Budde & Westermann, New York, N. Y. Bottle-capping machine.	812,068	Feb. 6	1069	233-4	120	1706
Müller, Hermann, Chemnitz, Germany. Horseshoe-calk.	837,488	Dec. 4	416	94	125	1459
Müller, John. (See Boeck and Müller.)						
Müller, Max, Altdamm, Germany. Producing lustrous threads, &c., from viscose.	836,452	Nov. 20	3098		125	862
Müller, Rudolf, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Hydrosulfite preparation.	839,500	Dec. 25	4415		125	2575
Müller, Wilhelm, Peine, Germany. Coupling-sleeve holder for the rollers of rolling-mills.	819,909	May 8	1743	375	122	454
Müller, William P., and C. Blumel, Philadelphia, Pa. Shoe-polisher.	827,933	Aug. 7	472	97	123	1789
Mullett, R. M. (See Buckingham, John E., Jr., assignor.)						
Mulligan, James C. (See Small and Mulligan.)						
Mullin, John R., assignor of one-half to E. G. Gilbert, Rome, N. Y. Non-refillable bottle.	831,622	Sept. 25	3459	727	124	962
Mullins, Edward W. (See Brodeur, Francois X., assignor.)						
Mullins, James, Atchison, Kans. Brake-lever.	831,174	Sept. 18	2570	542	124	701
Mullins, William H., and W. C. Hare, Salem, Ohio. Metallic boat.	819,784	May 8	1492	319	122	393
Mullins, William H., and W. C. Hare, Salem, Ohio. Sash-cord-pulley hanger and window-frame head.	825,001	July 3	646	130	123	169
Mullins, William H., and W. C. Hare, Salem, Ohio. Fireproof window.	825,002	July 3	648	130	123	170
Mulock, Peter. (See Vulpius, Herman, assignor.)						
Mulock, William R., Winnipeg, Canada. Railway freight-car.	820,240	May 8	2468	534-5	122	612
Mulry, Joseph L., assignor of one-half to W. K. Toole, Pawtucket, R. I. Portable electric lamp.	814,065	Mar. 6	128	25	121	29
Multi-Vending Company. (See Packard, John E., assignor.)						
Multiple Woven Hose & Rubber Co. (See Alvord, Clinton, assignor.)						
Multiple Woven Hose & Rubber Co. (See Moore, George D., assignor.)						
Multiple Woven Hose & Rubber Company. (See Shepard, Charles C., assignor.)						
Mulvaney, James T., and C. F. Keller, Chicago, Ill. Combined bottle holder and opener.	815,971	Mar. 27	4026	852	121	1032
Mumford, George A., Rochester, N. Y. Valve for controlling fluids.	829,120	Aug. 21	2877	604	123	2453
Mumford, George D., et al. (See Ashley, Frank M., assignor.)						
Mumford, John F., Fall River, Mass., assignor of one-half to F. Fanning, Providence, R. I. Lace-curtain-exhibiting apparatus.	813,165	Feb. 20	3291	723-4	120	2293
Mumm, Charles C., E. C. Quimby, and C. Anderson, Minneapolis, Minn.; said Quimby and Anderson assignors to said Mumm. Case for duplicate sale-slips.	822,899	June 5	1326	274	122	2015
Mumma, Abraham L. (See Buffington, George W., assignor.)						
Münch, Eduard. (See Julius and Münch.)						
Munch, Samuel, Fremont, Ohio. Pump-piston.	819,077	May 1	86	20	122	23
Munday, Daniel G., McAdoo, Pa. Window-shade fixture.	825,926	July 17	2541	528-9	123	677
Mundigler, Georg L., Milwaukee, Wis. Turbine.	822,069	May 29	6164	1314-15	122	1606
Mundlos, Heinrich, Magdeburg-Neustadt, Germany. Sewing-machine.	830,353	Sept. 4	909	187-8	124	224
Mundorff, Theodore, New York, N. Y. Machine for making bifocal lenses.	817,503	Apr. 10	1908	401-2	121	1835

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Mundschenk, Edward, St. Louis, Mo. Belt-fastener.....	830,913	Sept. 11	2043	430	124	544
Mundy and Scott. (See Stubbs, William W., assignor.)						
Munn, Marshall C., assignor of one-half to A. R. Younggren, Lee, Ill. Machine for molding fence-posts.....	839,178	Dec. 25	3764	812	125	2417
Munro, Arthur B. (See Munro, Edward A. and A. B.)						
Munro, Edward A. and A. B., New York, N. Y. Ceiling-plate.....	815,369	Mar. 20	2807	584	121	716
Munro, Edward A. and L. B., New York, N. Y. Back-rest.....	839,501	Dec. 25	4416	942	125	2575
Munro, Lillie B. (See Munro, Edward A. and L. B.)						
Munro, William L. (See Franzen, Nicklas, assignor.)						
Munro, William T., East Blairlinn, Cumbernauld, Scotland. Temperature-alarm.....	826,048	July 17	2780	576	123	742
Munroe, Frederick M., Brooklyn, N. Y. Mucilage-bottle.....	813,813	Feb. 27	4564	1009	120	2626
Munroe, James R., Haskins, Iowa, assignor of one-half to C. A. Rogers, Winnemucca, Nev. Train signal apparatus.....	828,134	Aug. 7	885	182	123	1889
Munroe, Thomas W. (See Hurlbut and Munroe.)						
Munsell, Albert H., Brookline, Mass. Color chart or scale.....	824,374	June 26	4238	903-4	122	2812
Munsing, George D., New York, N. Y. Vehicle-wheel.....	809,205	Jan. 2	1146	238	120	252
Munsing, George D., New York, N. Y. Wheel-mount for vehicles.....	819,302	May 1	542	115	122	124
Munsing, George D., New York, N. Y. Wheel-mount for vehicles.....	819,303	May 1	545	115	122	125
Munson, Anson B., Stockton, Cal. Scraper.....	831,087	Sept. 18	2426	510	124	667
Munson, Garry W., and T. F. Hodgkiss, assignors to Munson Supply Company, New York, N. Y. Cushion-key for type-writers.....	832,617	Oct. 9	1214	244	124	1546
Munson, Homer W., Williamsburg, Mass. Jointed gun-stock.....	824,505	June 26	4510	957	122	2871
Munson, Hugh H., Truro, Iowa. Gearing for washing-machines.....	813,015	Feb. 20	2983	657	120	2225
Munson, James E. (See Burry, John, assignor.)						
Munson, Martin L., New York, N. Y. Folding phonographic horn.....	813,814	Feb. 27	4565	1009	120	2626
Munson Supply Company. (See Munson and Hodgkiss, assignors.)						
Münster, Karl, assignor to Becker & Kolbinger, Munich, Germany. Pictorial post-card.....	812,515	Feb. 13	2004	439	120	1975
Münster, Max von, Munich, Germany. Pocket-cutlery.....	833,171	Oct. 16	2318	486	124	1863
Munter, Charles, New York, N. Y. Conformer-corset.....	811,428	Jan. 30	5701	1194	120	1396
Munton, James. (See Hermanson, Gustaf A., assignor.)						
Munton, James, Maywood, and G. A. Hermanson, Chicago, Ill.; said Hermanson assignor to said Munton. Car-coupling.....	830,731	Sept. 11	1727	357	124	465
Münzel, Max, Brunswick, Germany. Automatic cut-off for explosive-engines.....	813,316	Feb. 20	3593	789-90	120	2355
Munzer, Francis G. (See Maddux, Joshua O., assignor.)						
Munzinger, Louis. (See Cody, George, assignor.)						
Murchison, Neil, New York, N. Y. Attachments for boat-davits.....	812,069	Feb. 6	1071	234	120	1707
Murdoch, Andrew, New York, N. Y. Fruit-picking device.....	838,131	Dec. 11	1722	370	125	1827
Murdoch and Geb Company. (See Murdoch, Thomas J., assignor.)						
Murdock, George J., Newark, N. J. Stocking-supporter.....	833,618	Oct. 16	3255	693	124	2091
Murdock, Henry D., Wilkensburg, Pa. Insulating-cleat.....	818,186	Apr. 17	3271	700	121	2187
Murdock, Horace B., Detroit, Mich. Cement-brick press.....	809,834	Jan. 9	2441	507-9	120	569
Murdock, John M., assignor to H. K. Townsend, Chicago, Ill. Window-shade fixture.....	815,621	Mar. 20	3284	688	121	823
Murdock, Thomas J., assignor to Murdoch and Geb Company, Franklin, Mass. Bobbin-holder.....	809,624	Jan. 9	2059	427	120	484
Murlasitis, Gabriel, Lyndora, Pa. Rail-joint.....	831,292	Sept. 18	2813	593	124	762
Murrann, Frederick J., and A. B. Shreve, Mount Vernon, N. Y. Safety equipment for series electrical distribution systems.....	815,370	Mar. 20	2808	585	121	716
Murmans, John, Cleveland, Ohio. Aerating device for mattresses.....	813,731	Feb. 27	4406	971	120	2592
Murphy, Albert J., Leeds, England. Cabinet.....	827,649	July 31	6130	1273	123	1609
Murphy, Barney, assignor of one-half to F. Wallace, New Haven, Conn. Trolley-harp.....	816,875	Apr. 3	651	135	121	1503
Murphy, Charles D., Kingston, Minn. Horseshoe.....	831,975	Sept. 25	4194	875	124	1153
Murphy, Charles J., Annapolis, Md. Shaft-support.....	816,027	Mar. 27	4148	878	121	1061
Murphy, Colonel A., Chatham, Minn. Trap.....	822,543	June 5	607	122	122	1860
Murphy, Daniel H., Milwaukee, Wis., assignor to Safety Armorite Conduit Company, Pittsburg, Pa. Conduit for electric wires.....	817,086	Apr. 3	1056	219	121	1592
Murphy, Daniel R., Scenery Hill, Pa., assignor to J. A. Jeffrey, Columbus, Ohio. Mining-machine.....	809,206	Jan. 2	1147	238	120	252
Murphy, Edward C., Royse, Tex. Switch-operating mechanism.....	831,457	Sept. 18	3115	659	124	839
Murphy, Edward D., assignor to American Can Company, New York, N. Y. Device for closing the caps or covers on friction-top cans.....	817,865	Apr. 17	2619	568	121	2043
Murphy, Edward H., St. Paul, Minn. Thermostatic valve.....	837,099	Nov. 27	4423	938	125	1224
Murphy, Edwin J., Rugby, England, assignor to General Electric Company. Electric-arc lamp.....	823,958	June 19	3449	737	122	2588
Murphy, Frank, Lisbon, N. Y. Butter-press.....	812,439	Feb. 13	1858	409	120	1945
Murphy, Frank B., Logansport, Ind. Inhaler.....	831,623	Sept. 25	3460	727	124	963
Murphy, Harold T., Springfield, Mass. Fire-extinguisher.....	816,352	Mar. 27	4831	1024	121	1208
Murphy, Harold T., Springfield, Mass. Collar-button.....	823,135	June 12	1828	377	122	2174
Murphy, Henry J., Courtney, N. D. Tobacco-moistening apparatus.....	809,576	Jan. 9	1954	406	120	462
Murphy, Hugh E., Oroville, Cal. Dump-car.....	837,580	Dec. 4	599	140	125	1503
Murphy, James, Kenosha, Wis. Bed-rail joint.....	822,682	June 5	905	185	122	1929
Murphy, James J., <i>et al.</i> (See Dunnell, Frederick W., assignor.)						
Murphy, James J., assignor to Eagle Lock Co., Terryville, Conn. Lock.....	837,100	Nov. 27	4425	938	125	1225
Murphy, James V. (See Mead and Fullerton, assignors.)						
Murphy, Jeremiah. (See Carnahan and Murphy.)						
Murphy, Jeremiah, Chicago, Ill. Locking-socket for electric lights.....	819,702	May 1	1312	285	122	295
Murphy, Jeremiah, Chicago, Ill. Electric railway.....	831,624	Sept. 25	3462	727	124	963
Murphy, Jeremiah, Leadville, assignor to C. T. Carnahan, Denver, Colo. Drilling and boring machine.....	831,369	Sept. 18	2955	627	124	797
Murphy, Jeremiah, assignor to C. T. Carnahan, Leadville, Colo. Percussive device.....	834,152	Oct. 23	4531	961	124	2450
Murphy, Jeremiah, assignor to C. T. Carnahan, Denver, Colo. Drill.....	834,153	Oct. 23	4533	961	124	2450
Murphy, John. (See Heindorf, Oscar, assignor.)						
Murphy, John. (See Thompson, Joseph H., assignor.)						
Murphy, John, Columbus, Ohio. Railway-tie.....	826,262	July 17	3189	661	123	839
Murphy, John, Ottawa, Ontario, Canada. Art of and apparatus for the prevention of the accumulation of frazil and anchor ice in or on water-power apparatus.....	838,564	Dec. 18	2569	555-6	125	2079
Murphy, John J., assignor of one-half to A. E. Grimes, Norwich, Conn. Single trigger for double guns.....	825,550	July 10	1787	377	123	479
Murphy, John J., assignor to Hopkins & Allen Arms Co., Norwich, Conn. Firearm.....	829,082	Aug. 21	2788	587	123	2429
Murphy, John P., Sacramento, Cal. Indicator.....	812,354	Feb. 13	1691	372	120	1911
Murphy, John P., Portland, and N. W. Rancourt, Lewiston, Me. Lewis-bolt.....	821,952	May 29	5948	1267	122	1555
Murphy, Joseph F., Ennis, Tex. Steam-engine.....	812,353	Feb. 13	1688	371	120	1910
Murphy, Joseph F., Ennis, Tex. Steam-engine.....	822,544	June 5	609	122-3	122	1861
Murphy, Leo F., Detroit, Mich. Rear-light indicator for automobiles.....	832,147	Oct. 2	261	50	124	1276
Murphy, Nicholas J., Asbury Park, N. J. Water-gage.....	839,618	Dec. 25	4633	988	125	2629
Murphy, Otis T., Brooklyn, N. Y. Apparatus for heating liquids in casks.....	822,382	June 5	300	62	122	1791
Murphy, Peter H., St. Louis, Mo. Bending-machine.....	818,702	Apr. 24	4317	925-6	121	2465

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Murphy, Peter H., St. Louis, Mo. Valve-block.....	827,170	July 31	5102	1061	123	1355
Murphy, Roy E., Colorado Springs, Colo. Railway-switch.....	836,270	Nov. 20	2727	581	125	775
Murphy, Thomas J. (See Whiting, Charles D., assignor.)						
Murphy, Thomas J., New York, N. Y. Electric-wave detector.....	811,654	Feb. 6	230	50	120	1535
Murphy, Thomas J., San Francisco, Cal. Train-pipe coupling for railway-coaches.....	838,043	Dec. 11	1520	327	125	1777
Murphy, William F., Long Branch, N. J. Mechanical movement.....	825,858	July 10	2414	503	123	635
Murray, Charles T., Kansas City, Mo., assignor to Murray Machinery Co. Metal cutting and trimming machine.....	817,263	Apr. 10	1426	300	121	1732
Murray, Chauncey A., Cumberland, Wyo. Suspenders.....	834,154	Oct. 23	4535	962	124	2451
Murray, Christopher A. (See Weaver, Albert S., assignor.)						
Murray, Edward, Chicago, Ill. Railway-tie.....	810,876	Jan. 23	4593	956	120	1124
Murray, Eugene and W. B., Washington, D. C. Elevator-cage-door opener.....	810,169	Jan. 16	3134	648-9	120	770
Murray, Frank M., Cadyville, N. Y. Shield for potato-digging machines.....	816,730	Apr. 3	351	81	121	1438
Murray, Frederick S., assignor to New York Calcium Light Company, New York, N. Y. Arc-lamp.....	836,774	Nov. 27	3751	800	125	1059
Murray, Frederick W., assignor of one-half to H. B. Kent, New Brunswick, N. J. Top for powder-containers.....	830,611	Sept. 11	1443	300	124	386
Murray, George C., Washington, D. C. Car truck-bolster.....	809,625	Jan. 9	2060	427	120	484
Murray, Harry D., and E. J. Fithian, assignors to Bessemer Gas Engine Company, Grove City, Pa. Igniting device for explosive-engines.....	837,708	Dec. 4	872	197	125	1571
Murray, Homer C., Gulfport, Miss. Mechanical toy.....	837,868	Dec. 4	1171	259	125	1645
Murray Iron Works Company (See Salmon, Frederick W., assignor.)						
Murray, James H., Los Angeles, Cal. Floor-rack for stalls.....	813,317	Feb. 20	3595	790	120	2355
Murray, John, Edinburgh, Scotland. Gearing for bundling-presses.....	811,164	Jan. 30	5196	1085	120	1287
Murray, John B., Ashland, Ohio. Burial-vault.....	831,799	Sept. 25	3821	800	124	1061
Murray, John D., San Francisco, Cal. Sand-blast apparatus.....	818,776	Apr. 24	4475	959	121	2499
Murray, Junius C., assignor of one-half to H. Sparrer, St. Louis, Mo. Shoe-lasting tool.....	829,482	Aug. 28	3664	774	123	2694
Murray, Lebbeus A. (See Race, William B., assignor.)						
Murray Machinery Co. (See Murray, Charles T., assignor.)						
Murray, Michael R., Cambridge, assignor to Trojan Toe-Calk Company, Troy, N. Y. Horseshoe-calk.....	833,476	Oct. 16	2970	630	124	2025
Murray, Mont, <i>et al.</i> (See Knox, Luther L., assignor.)						
Murray, Thomas E., Brooklyn, N. Y. Elevator.....	816,677	Apr. 3	270	63	121	1419
Murray, Thomas E., Brooklyn, N. Y. Elevator.....	816,678	Apr. 3	272	63	121	1420
Murray, Thomas E., Brooklyn, N. Y. Elevator.....	816,679	Apr. 3	274	64	121	1420
Murray, Walter D., assignor to Maine Sprinkler Company, Portland, Me. Automatic sprinkler for fire-extinguishers.....	826,866	July 24	4436	923	123	1173
Murray, Warren E. (See Folsom, Ernest B., assignor.)						
Murray, William B. (See Murray, Eugene and W. B.)						
Murray, William E., Geyserville, Cal. Harness breeching-brace.....	824,568	June 26	4641	986	122	2899
Murray, William E., Los Angeles, Cal. Steady foundation for floating structures.....	825,149	July 3	914	193-4	123	242
Murray, William E., Los Angeles, Cal. Battery.....	826,183	July 17	3034	629	123	803
Murray, William F., San Francisco, Cal. Winding-drum attachment.....	828,565	Aug. 14	1763	371	123	2137
Murray, William J., Denver, Colo. Coal-slack leveling and tamping appliance.....	826,184	July 17	3035	629-30	123	803
Murray, William J., assignor of one-half to H. W. Wolcott, Leavenworth, Kans. Electric switch.....	837,241	Nov. 27	4687	995	125	1289
Murrell, Hopping, Hope Hull, Ala. Fence-wire stretcher.....	827,257	July 31	5251	1090	123	1392
Murta, Paul S., Philadelphia, Pa. Gas-heater and evaporator.....	825,607	July 10	1897	401	123	504
Muschenheim, Frederick, New York, N. Y. Signal apparatus.....	824,430	June 26	4366	929	122	2837
Mushatt, William A., Brainerd, Minn. Stump-puller.....	822,861	June 5	1248	256-7	122	2000
Musick, Albert R. (See Forquer and Musick.)						
Muslar, Nelson, Worcester, assignor, by mesne assignments, to Standard Labeling Machine Company, Boston, Mass. Bottle-labeling machine.....	824,569	June 26	4642	987-8	122	2899
Musselman, Layton M., Chester, Pa. Detachable calk-holder for horseshoes.....	833,172	Oct. 16	2319	486-7	124	1863
Muth, John. (See Heinkel and Muth.)						
Mutter, John W. (See Buskist and Mutter.)						
Mutual Gas and Engineering Company. (See Foveaux, Frank J., assignor.)						
Muzzy, William H., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register and coin-handling device.....	836,818	Nov. 27	3841	818-19	125	1084
Myer, Albert J., Lake View, N. Y. Elevator.....	827,109	July 31	4935	1030	123	1309
Myer, Harry, and M. Koenigs, New York, N. Y. Twine and thread cutter.....	814,153	Mar. 6	296	59	121	65
Myer, James W. (See Byers and Myer.)						
Myer, James W., San Diego, Cal. Pump.....	839,020	Dec. 18	3405	734	125	2281
Myers, Allen L., Lincoln, Nebr. Gage.....	837,869	Dec. 4	1172	259	125	1645
Myers, Amos C. (See Bausher and Myers.)						
Myers & Bro., F. E. (See Myers, Philip A., assignor.)						
Myers, Daniel F., New Hartford, N. Y. Mop-wringing machine.....	820,309	May 8	2610	569	122	644
Myers, David E. (See Warren and Myers.)						
Myers, Edward J., Chicago, Ill. Book-holder.....	819,910	May 8	1744	375	122	454
Myers, Eugene O., Zion City, Ill. Moistener.....	826,520	July 17	3732	774	123	980
Myers, Eugene V., East Orange, N. J. Fishing-reel.....	837,489	Dec. 4	416	95	125	1460
Myers, Eugene W., Bloomfield, N. J. Electric motor.....	839,502	Dec. 25	4417	942	125	2575
Myers, Francesca, St. Kilda, Victoria, Australia. Ornamental shoe-lace guard.....	837,870	Dec. 4	1173	259	125	1645
Myers, Gamaliel C. (See Rieske, Edward L., assignor.)						
Myers, George M., Midland, Tex. Animal-trap.....	814,066	Mar. 6	129	25	121	29
Myers, George P. (See Diehl, Frank, assignor.)						
Myers, George S., Philadelphia, Pa. Railway-tie and rail-joint fastener therefor.....	816,731	Apr. 3	353	81	121	1438
Myers, Grant G., Sterling, Ill. Mold for cement cisterns.....	828,418	Aug. 14	1459	308	123	2058
Myers, H. M. (See Johnson, Joseph S., assignor.)						
Myers, Henry, Philadelphia, Pa. Elastic bandage.....	814,795	Mar. 13	1615	338	121	412
Myers, Hubert A., Goshen, Ind. Fire-extinguisher.....	832,269	Oct. 2	514	97	124	1337
Myers, Irvin, and C. Simensen, Spokane, Wash. Cattle-guard.....	814,863	Mar. 13	1725	361	121	435
Myers, Jacob A., St. Louis, Mo. Farm-gate.....	810,213	Jan. 16	3240	671	120	791
Myers, James W., assignor to Myers Manufacturing Company, Chicago, Ill. Combination machine-tool.....	813,056	Feb. 20	3073	673-4	120	2247
Myers, Jason G., Mancos, Colo. Whiffletree-hook.....	830,914	Sept. 11	2044	430	124	545
Myers, John D., Pikeville, Ohio. Metallic railway cross-tie and rail-brace.....	838,044	Dec. 11	1523	327	125	1777
Myers, John F., Sodas, N. Y. Clinical-thermometer case.....	824,038	June 19	3604	768	122	2619
Myers, John F., Hiawatha, Kans. Car-step.....	837,242	Nov. 27	4689	995	125	1290
Myers, John W., Des Moines, Iowa. Device for teaching the playing of stringed instruments.....	830,915	Sept. 11	2045	430	124	545
Myers, Leila W., New York, N. Y. Ash-pan.....	834,630	Oct. 30	5484	1164	124	2734
Myers, Lewis C. (See Hess and Myers.)						
Myers, Louis, assignor to Williams Typewriter Company, Derby, Conn. Type-writing machine.....	839,503	Dec. 25	4419	942-3	125	2576

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Myers Machine Works. (See Myers, William H., assignor.)						
Myers Manufacturing Company. (See Myers, James W., assignor.)						
Myers, McClelland, Moosic, Pa. Glass-molding apparatus	809,969	Jan. 16	2723	560-1	120	683
Myers, McClelland, Moosic, assignor of one-half to J. P. Elkins, Indiana, Pa. Glass-manufacturing apparatus	810,375	Jan. 16	3583	737	120	866
Myers, Olla E., assignor of one-fourth to J. Schmitt, Verona, Pa. Automatic thermostatic shut-off	828,862	Aug. 14	2330	496	123	2279
Myers, Orlando B. (See Snyder and Potts, assignors.)						
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Pump	809,389	Jan. 9	1588	323	120	383
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Hay-carrier	810,498	Jan. 23	3879	796-7	120	969
Myers, Philip A., assignor to F. E. Myers & Bro., Ashland, Ohio. Door-hanger	815,371	Mar. 20	2811	585	121	717
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Pump	831,175	Sept. 18	2571	542	124	701
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Door-hanger	839,619	Dec. 25	4635	989	125	2629
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Door-hanger	839,620	Dec. 25	4639	989-90	125	2630
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Door-hanger	839,621	Dec. 25	4642	990	125	2631
Myers, Richard A., Warren, Pa. Well-operating apparatus	818,042	Apr. 17	2984	645	121	2125
Myers, Sirwell S., Swissvale, Pa. Hanger for smoke-bells	823,959	June 19	3451	737	122	2588
Myers, Stephen O., Mount Vernon, N. Y. Measuring-machine	822,683	June 5	906	185-6	122	1929
Myers, Theodore A., and W. M. Clemans, assignors of one-third to C. C. Schmidt, Wheeling, W. Va. Thermostatic alarm	815,111	Mar. 13	2224	467	121	540
Myers, William D., Wavonoka, assignor of one-half to W. H. Hermes, Canton, Okla. Ter. Journal-box bearing for rotary disks of drills	835,031	Nov. 6	312	67	125	80
Myers, William F., Broken Bow, Nebr., assignor of one-half to C. H. Leisure. Wire stretcher and stringer	809,721	Jan. 9	2247	466	120	526
Myers, William H., assignor, by mesne assignments, to Myers Machine Works, Brooklyn, N. Y. Piston-packing	819,448	May 1	831	179	122	187
Myers, William M., St. Joseph, Mo. Pumping system	836,775	Nov. 27	3753	800	125	1060
Myers, William S. (See Landis and Myers.)						
Myers, William S., Ashland, Ky. Automatic wiper for freshly-galvanized wire	832,691	Oct. 9	1358	275	124	1579
Mygatt, Otis A., New York, N. Y. Prismatic reflector	821,306	May 22	4654	991	122	1213
Mygatt, Otis A., New York, N. Y. Decorative shade-reflector for artificial lights	821,307	May 22	4655	992	122	1214
Mygatt, Otis A., New York, N. Y. Decorative glass shade	821,308	May 22	4658	992-3	122	1214
Mygatt, Otis A., New York, N. Y. Decorated shade-reflector	821,309	May 22	4661	993	122	1214
Mygatt, Otis A., New York, N. Y. Compound reflector for artificial lights	821,310	May 22	4662	993	122	1214
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector	821,311	May 22	4664	993	122	1214
Mygatt, Otis A., New York, N. Y. Composite electrical lamp and prismatic-glass reflector	823,619	June 19	2807	595	122	2446
Mygatt, Otis A., New York, N. Y. Illuminator	823,620	June 19	2808	595	122	2446
Mygatt, Otis A., New York, N. Y. Illuminator	823,621	June 19	2811	595-6	122	2446
Mygatt, Otis A., New York, N. Y. Composite shade for artificial lights	823,622	June 19	2814	596	122	2446
Mylod, John, et al. (See Partrick, Minot S., assignor.)						
Myrick, Thomas W., Woonsocket, R. I. Pipe or tube cutter	821,816	May 29	5693	1213	122	1500
Myser, James F., and A. Ziesenis, Rifle, Colo. Eaves-trough	824,570	June 26	4647	988	122	2900
N. Stafford Company. (See Stafford, Nelson, assignor.)						
Nachod, Carl P., Wilkinsburg, Pa. Electrical signal system	825,927	July 17	2543	529	123	678
Nachod, Julius E., Philadelphia, Pa. Envelop-sealing apparatus	816,175	Mar. 27	4452	942	121	1127
Nachod, Julius E., Philadelphia, Pa. Envelop-sealing apparatus	816,176	Mar. 27	4455	943	121	1127
Nachod, Julius E., Philadelphia, Pa. Envelop-sealing machine	829,030	Aug. 21	2681	564-5	123	2397
Nacke, Arnold, assignor of one-half to I. Kitsee, Philadelphia, Pa. Platform for power-motors	813,444	Feb. 27	3856	845	120	2470
Nacken, Mathias, Wurselen, near Aix-la-Chapelle, Germany. Blackboard-trestle with adjustable map-displayer and roll-support	815,974	Mar. 27	4029	853	121	1033
Nadeau, Stephen. (See Brais and Nadeau.)						
Nadeau, Theodore, Lebanon, N. H. Putty	824,736	July 3	70		123	22
Naeve, Charles C., Portland, Oreg. Potato-masher	827,112	July 31	4939	1031	123	1310
Nagel, Charles G. (See Bode, Peter J., assignor.)						
Nagel, Henry and J. E., Brunswick, Nebr. Pump	838,887	Dec. 18	3167	683	125	2224
Nagel, Henry G. (See Neyland and Nagel.)						
Nagel, John E. (See Nagel, Henry and J. E.)						
Nagel, Ludwig. (See Knight and Nagel.)						
Nagel, Theodore, assignor of one-half to L. H. Collins, Chicago, Ill. Test-clamp	812,287	Feb. 13	1580	346	120	1886
Nagel, William G., Toledo, Ohio, assignor to United States Coin Register Company. Means for keeping records of coin-register tapes	824,196	June 26	3889	830	122	2740
Nager, Herman I. (See Lazar, Solomon, assignor.)						
Naginey, John C., assignor of one-half to W. S. Lupton, C. B. Thompson, C. L. Siniff, E. T. Purvis, and A. F. Turner, Bremen, Ohio. Railway-signal	837,244	Nov. 27	4697	996	125	1292
Nagle, Henry J., Abbottstown, Pa. Hinge	838,799	Dec. 18	3016	651	125	2186
Nagy, Ignaz. (See Watzke, Eduard, assignor.)						
Nahrwolt, William, Fort Wayne, Ind. Gearing for washing-machines	837,334	Dec. 4	110	30	125	1383
Nail, Charles K. (See Brown, Williamson, Parrish, and Nail.)						
Nail-Less Cushion Heel-Seat Company. (See Browne, Henry F., assignor.)						
Nakdimen, I. H. (See Shamblin, Andrew J., assignor.)						
Naletoff, Michel, St. Petersburg, Russia. Submarine boat	817,130	Apr. 3	1140	236	121	1613
Namack, William H., Ballston, N. Y. Brake-shoe	809,627	Jan. 9	2063	428	120	485
Nantz, John H., Thomasville, Ga. Car-rail standard	838,739	Dec. 18	2893	622	125	2158
Napier, Charles, assignor of one-half to E. S. Bradford, Jr., Springfield, Mass. Saw-setting machine	817,440	Apr. 10	1781	374	121	1808
Nardin, Georges, Paris, France, assignor of one-half to Ateliers de Constructions Mécaniques Ci-Devant Ducommun, Mulhouse, Alsace, Germany. Machine for cutting toothed gearing	831,234	Sept. 18	2682	564	124	727
Naser, James, New York, N. Y., assignor to Surety Alarm Company. Burglar-alarm. (Reissue)	12,500	June 26	4908	1043	122	2956
Nash, Alexander Q., Sherman, Tex. Mixing ingredients	830,518	Sept. 11	1258	260	124	338
Nash, Carl E., Pasadena, Cal. Extension-table	821,955	May 29	5952	1268	122	1556
Nash, Ebon F., assignor of one-third to W. F. Pond, Mount Carmel, Ohio. Feeder for corn huskers and shredders	818,549	Apr. 24	4004	859	121	2395
Nash, Francis M., Duluth, Minn. Journal-bearing	838,566	Dec. 18	2574	556	125	2080
Nash, Frank D. (See Hague, Isaac N., assignor.)						
Nash, George. (See Brayshaw, Shipley N., assignor.)						
Nash, John, Dayton, Wash. Heating and ventilating system	834,927	Nov. 6	100	19-20	125	28
Nash, John, assignor of one-half to A. Ricardo, Dayton, Wash. Grain-drier	825,407	July 10	1445	303	123	393
Nash, John, assignor of one-third to J. Schlotfeldt, North Yakima, Wash. Door-securer	831,235	Sept. 18	2686	564	124	728
Nash, John T., Lexington, Ky. Mail-bag-delivery apparatus	816,878	Apr. 3	658	136-7	121	1504
Nash, Joseph G., Adelaide, South Australia, Australia. Gas-producer	829,541	Aug. 28	3793	805	123	2725

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Nash, Lewis H., South Norwalk, Conn., assignor to National Meter Company, New York, N. Y. Water-meter-controlling device.....	832,619	Oct. 9	1218	245	124	1547
Nash, Lewis H., South Norwalk, Conn., assignor to National Meter Company, New York, N. Y. Meter-register.....	836,820	Nov. 27	3845	819	125	1085
Nash, William C., Neenah, Wis. Dandy-roll stand for paper-making machines.....	830,165	Sept. 4	533	108	124	135
Nason, William A. (See Goodson and Nason.)						
Nathan, Leopold, Zurich, Switzerland. Manufacture of vessels.....	835,078	Nov. 6	419	841	125	111
Nathan Manufacturing Company. (See Kaczander, Leopold, assignor.)						
Nather, Francis, Johnstown, Pa., assignor to Lorain Steel Company. Tongue-switch...	834,484	Oct. 30	5189	1102	124	2660
National Adding Machine Company. (See Dennis, Adolphus S., assignor.)						
National Biscuit Company. (See Rommer, Isaac A., assignor.)						
National Biscuit Company. (See Weingaertner, August, assignor.)						
National Blank Book Company. (See Egge, Frederick, assignor.)						
National Brake & Electric Company. (See Waters, William L., assignor.)						
National Briquette Company. (See Martin, Richard, assignor.)						
National Bung Manufacturing Company. (See Pool, John G., assignor.)						
National Canning & Manufacturing Company. (See Bucklin, Charles S., assignor.)						
National Car Coupler Company. (See Hinson, James A., assignor.)						
National Carbon Company. (See Brown, John W., assignor.)						
National Cash Register Company. (See Bockhoff, William F., assignor.)						
National Cash Register Company. (See Bockhoff and Pein, assignors.)						
National Cash Register Company. (See Bockhoff and Von Pein, assignors.)						
National Cash Register Company. (See Cleal, Joseph P., assignor.)						
National Cash Register Company. (See Cooney, Luke, Jr., assignor.)						
National Cash Register Company. (See Doty, Walter G., assignor.)						
National Cash Register Company. (See Muzzy, William H., assignor.)						
National Cash Register Company. (See Osborn, Francis C., assignor.)						
National Cipher Code Company. (See Peterson, Ernest E., assignor.)						
National Coal Dump Car Company. (See Caswell, William A., assignor.) (Reissue.)						
National Coal Dump Car Company. (See Hubbard and Taylor, assignors.)						
National Coal Dump Car Company. (See Lipschutz, Arthur, assignor.)						
National Coal Dump Car Company. (See Otis, Spencer, assignor.)						
National Drill Company. (See White, Omer E., assignor.)						
National Drill & Manufacturing Company. (See Freeman, Stuart E., assignor.)						
National Dump Car Company. (See Hart, Eli S., assignor.)						
National Dump Car Company. (See Otis, Spencer, assignor.)						
National Dump Car Company. (See Otis, Spencer, assignor.) (Reissue.)						
National Electric Lamp Company. (See Blackburn, Frank H., assignor.)						
National Electric Lamp Company. (See Doane, Samuel E., assignor.)						
National Electric Signaling Company. (See Fessenden, Reginald A., assignor.)						
National Electrolytic Company. (See Gibbs, Arthur E., assignor.)						
National Enameling and Stamping Company. (See Block, Gotthold, assignor.)						
National Enameling and Stamping Company. (See Mohr, Ernst, assignor.)						
National Enameling & Stamping Company. (See Wagandt, Charles L., assignor.)						
National Engine Company. (See Magney and Masterman, assignors.)						
National Engineering Corporation. (See Wright, Joseph L., assignor.)						
National Fire Proofing Company. (See Snowball, Joseph, assignor.)						
National Glass and Bottle Company. (See Guernsey, Charles C., assignor.)						
National Glass Company. (See Permar, William I., assignor.)						
National Laundry Machinery Co. (See Dillon, James A., assignor.)						
National Light, Heat & Power Company. (See Flager and McGahan, assignors.)						
National Light, Heat & Power Company. (See McGahan and Flager, assignors.)						
National Lock Washer Company. (See Hoyt, Daniel, assignor.)						
National Machinery Company. (See Clouse, William L., assignor.)						
National Magnetic Mineral Separating Company. (See Campbell, Henry F., assignor.)						
National Malleable Castings Company. (See Bazeley, Arthur J., assignor.)						
National Malleable Castings Company. (See Buckius, Albert O., Jr., assignor.)						
National Malleable Castings Company. (See Coffin, Walter E., assignor.)						
National Malleable Castings Company. (See Krakau, Harry T., assignor.)						
National Malleable Castings Company. (See Krakau and Conner, assignors.)						
National Malleable Castings Company. (See Kranz, William G., assignor.)						
National Malleable Castings Company. (See Pope, Henry F., assignor.)						
National Malleable Castings Company. (See Tower, Clinton A., assignor.)						
National Metallurgic Company. (See King, Tom C., assignor.)						
National Meter Company. (See Nash, Lewis H., assignor.)						
National Mfg. & Mailing Co. (See Farnham, Schuyler E., assignor.)						
National Moving Window Display Company. (See Steinhauser, George R., assignor.)						
National Novelty Corporation. (See Bailey, Charles A., assignor.)						
National Patent Holding Company. (See Otis, Spencer, assignor.)						
National Patent Lath and Manufacturing Company. (See O'Brien, John D., assignor.)						
National Regulator Company. (See Comfort, Edward W., assignor.)						
National Self-Winding Clock Company. (See Clark, Percy L., assignor.)						
National Shawmut Bank. (See Marston and Holden, assignors.)						
National Smoke Consumer Company. (See Sullivan, Isaac M., assignor.)						
National Soap Stone Co. (See Currier, Walker F., assignor.)						
National Straw Binder and Machine Co. (See Miller, Edward H., assignor.)						
National Supply Company. (See Dimond, Irving G., assignor.)						
National Sweeper Co. (See Ru Ton, Hiram W., assignor.)						
National Tool Company. (See Noll, Edward A., assignor.)						
National Tube Co. (See Saunders, Augustus M., assignor.)						
National Tube Company. (See Baehr, George, assignor.)						
National Tube Company. (See Heggie, David, assignor.)						
National Tube Company. (See Hock and Bernheim, assignors.)						
National Tube Company. (See Mowat, Oliver M., assignor.)						
National Tube Company. (See Nicholson, John H., assignor.)						
National Tube Company. (See Patterson, Peter, assignor.)						
National Tube Company. (See Patterson, Peter C., assignor.)						
National Tube Company. (See Stiefel, Ralph C., assignor.)						
National Tube Company. (See Stiefel and Nicholson, assignors.)						
National Twist Drill & Tool Company. (See Hoenscheid, Peter J., assignor.)						
National Umbrella Frame Company. (See Garrett, George K., assignor.)						
National Vaporizer Company. (See Dormont, Frank C., assignor.)						
National Voting Machine Company. (See Sandage, William L., assignor.)						
National Wood Pipe Company. (See Marks, John S. F., assignor.)						
Nau, John B., New York, N. Y. Reversing-valve for regenerative furnaces.....	816,813	Apr. 3	517	112	121	1472

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Nauer, Albert R., St. Louis, Mo. Folding-machine.....	817,929	Apr. 17	2760	598	121	2077
Naughton, Mary A., <i>et al.</i> (See Naughton, Thomas H., assignor.)						
Naughton, Thomas H., assignor, by mesne assignments, to M. A. Naughton, Boston, and M. Dunn, Springfield, Mass. Apparatus for recovering waste alcohol from liquor casks and barrels.....	815,463	Mar. 20	2994	624	121	760
Naughton, Thomas H., assignor, by mesne assignments, to M. A. Naughton, Boston, and M. Dunn, Springfield, Mass. Recovering waste alcohol from liquor casks and barrels.....	815,464	Mar. 20	2997	624	121	760
Naumann, Frederick. (See Lopitsch and Naumann.)						
Naunton Music Proprietary. (See Naunton, William E., assignor.)						
Naunton, William E., Fitzroy, near Melbourne, assignor to Naunton Music Proprietary Limited, Melbourne, Victoria, Australia. Music notation.....	832,406	Oct. 2	777	150	124	1400
Naus, Theodore, assignor to R. Goetzler and T. Loef, Sr., Manitowoc, Wis. Grain-elevator.....	829,484	Aug. 28	3670	775	123	2695
Navarro, Jose F. de, New York, N. Y. Locomotive-boiler.....	823,188	June 12	1938	400	122	2200
Naylor, Fred D. (See Gerrard, Clarence L., assignor.)						
Naylor, George, Salt Lake City, Utah. Double and swingle tree.....	835,459	Nov. 6	1168	252	125	293
Naylor, Isaac, Los Angeles, Cal. Packing-box or carrier for oranges.....	814,069	Mar. 6	135	26	121	30
Naysmith, Robert, assignor to Pittsburg Tube Company, Pittsburg, Pa. Bed-spring frame.....	818,111	Apr. 17	3117	671	121	2153
Naysmith, Robert, assignor to Pittsburg Tube Company, Pittsburg, Pa. Bed-spring frame.....	818,112	Apr. 17	3119	671	121	2153
Naysmith, Robert, assignor to Pittsburg Tube Company, Pittsburg, Pa. Spring-support for beds.....	818,113	Apr. 17	3121	672	121	2154
Naysmith, Robert, assignor to Pittsburg Tube Company, Pittsburg, Pa. Bed-spring fastener.....	818,187	Apr. 17	3273	701	121	2187
Nazor, Arthur W. (See Denton and Nazor.)						
Neabrey, Leonard M., Cincinnati, Ohio. Pivot-window.....	833,795	Oct. 23	3603	770	124	2220
Neal, Elmer E., assignor to Smith & Wesson, Springfield, Mass. Firearm.....	824,197	June 26	3891	830	122	2740
Neal, James H., Boston, assignor of one-half to H. L. Wilson, Brookline, Mass. Computing attachment for type-writing machines.....	821,428	May 22	4924	1046-7	122	1274
Neal, Rufus, Indianapolis, Ind. Sash-lock.....	821,956	May 29	5954	1268	122	1557
Neal, Thomas G., Warren, Pa. Hot-air furnace.....	838,888	Dec. 18	3168	683	125	2224
Neal, Van B., Desoto, Ohio. Calculating device.....	838,132	Dec. 11	1723	370	125	1827
Neale, Charles C., Minneapolis, Minn. Sealing device for weighing-scales.....	819,788	May 8	1516	322	122	402
Nealon Company. (See Binney, Harold, assignor.)						
Nealon Company. (See Miles, Harriet, assignor.)						
Near, Lizzie W., Muskegon, Mich. Spool-holder.....	812,670	Feb. 13	2310	503	120	2034
Near, William W., <i>et al.</i> (See MacDougall, John, assignor.)						
Neat, Benjamin C., <i>et al.</i> (See Bauer, William, assignor.)						
Neavling, Harry E. (See Baker and Neavling.)						
Nedselski, Bogumil, Riga, assignor to C. Medtner and E. Seeger, Moscow, Russia. Cover or wearing-surface for wheel-tires and other objects exposed to wear.....	835,079	Nov. 6	421	84	125	111
Needham, Frances M., Anderson, Ind. Flue-stopper.....	822,756	June 5	1049	215	122	1959
Neel, Randolph D., Topaz, Tex. Wire-stretcher.....	832,337	Oct. 2	645	123	124	1368
Neeland, Marvin A., Youngstown, Ohio. Valve-removing apparatus.....	810,215	Jan. 16	3243	671-2	120	791
Neeland, Marvin A., Youngstown, Ohio. Valve for blowing-engines, &c.....	810,216	Jan. 16	3245	672	120	792
Neelen, Edward B. (See Swimmer and Neelen.)						
Neeley, George S., St. Louis, Mo. Automatic voltage-regulator for dynamos.....	838,800	Dec. 18	3017	651	125	2187
Neeley, George S., St. Louis, Mo. Regulating the field density of electric generators.....	838,801	Dec. 18	3023	652	125	2188
Neeley, George S., St. Louis, Mo. Automatic regulator for direct-current dynamos.....	838,802	Dec. 18	3027	652-3	125	2189
Neely, Ira L., Independence, Kans. Well-drilling apparatus.....	811,947	Feb. 6	825	181	120	1658
Neely, William A., Boston, Mass., assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Trimming mechanism for sewing-machines.....	826,596	July 24	3919	811-12	123	1042
Neemes Bros. (See Neemes, Spencer, assignor.)						
Neemes, Spencer, assignor to Neemes Bros., Troy, N. Y. Journal-bearing.....	814,390	Mar. 6	791	159	121	175
Neemes, Spencer, assignor to Neemes Bros., Troy, N. Y. Grate.....	822,296	June 5	144	29-30	122	1760
Neff, August E., and C. G. Boldenweck, Chicago, Ill. Woven-pile-fabric rope.....	810,553	Jan. 23	3992	822	120	993
Neff, Harry J., Philadelphia, Pa. Support or stand for Christmas trees or the like.....	830,671	Sept. 11	1585	327	124	425
Neff, Ira J., assignor of two-thirds to E. H. Lee and E. L. Lloyd, Elkhart, Ind. Burglar-alarm.....	819,914	May 8	1748	376	122	455
Neff, Jacob L., Omaha, Nebr. Manicuring device.....	838,440	Dec. 11	2326	503	125	1975
Neff, Louis C., New York, N. Y. Type-writing machine.....	809,391	Jan. 9	1593	324	120	384
Neff, Louis C., New York, N. Y. Duplicating apparatus.....	809,725	Jan. 9	2253	468	120	528
Neff, Orvil, Elkhart county, near Milford, Ind. Castrating-box.....	833,692	Oct. 16	3399	724	124	2124
Neff, William H. (See Fassett, Riley D., assignor.)						
Neher, William H., Inglewood, Cal. Crude-oil generator.....	814,866	Mar. 13	1729	362-3	121	436
Nehr, Herman F., New York, N. Y. Luna for holding the host.....	810,217	Jan. 16	3246	672	120	792
Nehr, Herman F., Brooklyn, assignor to Benzinger Bros., New York, N. Y. Candle-socket.....	828,238	Aug. 7	1073	225	123	1932
Nehr, William F., Newark, assignor to New Jersey Patent Company, West Orange, N. J. Production of phonographic sound-records.....	834,485	Oct. 30	5190	1103	124	2660
Neider, Fred A., Augusta, Ky. Carriage-curtain knob.....	819,158	May 1	237	50	122	59
Neider, Fred A., Augusta, Ky. Tufting-button.....	834,400	Oct. 30	5043	1068	124	2621
Neidhardt, August, Albany, N. Y. Composition of matter for removing old paint, varnish, &c.....	816,359	Mar. 27	4844	.....	121	1210
Neidig, Hannah M., Sunbury, Pa. Garment-fastening.....	825,551	July 10	1788	377	123	479
Neiglick, Anders E., Chicago, Ill. Knife.....	825,976	July 17	2633	547	123	704
Neihysel, Jacob, assignor of one-half to M. Levy, New Orleans, La. Mailing-envelop.....	821,666	May 29	5378	1147	122	1428
Neikirk, John O. (See Hart and Neikirk.)						
Neikirk, John O. (See Hart, Meissner, and Neikirk.)						
Neikirk, John O. (See Hart, Neikirk, and Cameron.)						
Neikirk, John O., Chicago, Ill. Brake-operating mechanism for cars.....	813,511	Feb. 27	3991	875	120	2502
Neikirk, John O., Chicago, Ill. Bolster for railway-cars.....	830,519	Sept. 11	1260	261	124	339
Neil, James, New York, N. Y. Spike-lock.....	838,203	Dec. 11	1871	401	125	1865
Neil, Moses H., <i>et al.</i> (See Schlared, Charles, assignor.)						
Neil, Robert, <i>et al.</i> (See Troxler, Gustavus, Jr., assignor.)						
Neil, William, and G. Alstad, Chicago, Ill., said Alstad assignor to said Neil. Pump....	814,867	Mar. 13	1733	363-4	121	436
Neild, Eli, and H. Marsh, New Bedford, Mass. Machine for winding and spinning yarn.....	836,398	Nov. 20	2980	632	125	834
Neill, James W., Salt Lake City, Utah. Charging device for furnaces.....	837,637	Dec. 4	715	164-5	125	1532
Neilson, James R., Union City, Tenn. Combined ratchet wrench and drill.....	822,687	June 5	927	188	122	1934
Neilson, John, Rockford, Ill. Storm-window hanger.....	834,928	Nov. 6	102	20	125	28
Nejedlo, Frantisek J., Vinohrady-Prague, assignor to J. Skall, Prague, Austria-Hungary. Apparatus for lowering coffins.....	820,593	May 15	3180	684	122	830
Nelan, William P. (See Robbe, Jefferson G., assignor.)						
Nellis, George A., Allegheny, Pa. Incandescent electric lamp.....	839,023	Dec. 18	3411	736	125	2283

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Nellis, Robert L., Earlham, Iowa. Riding attachment for harrows.	829,930	Aug. 28	4614	971	123	2928
Nelms, Charles F., Smithfield, assignor to Norfolk Storage Company, Norfolk, Va. Peanut-stemmer.	829,348	Aug. 21	3362	708	123	2572
Nelms, Thomas L., assignor of one-half to J. F. Page, Spartanburg, S. C. Ironing-table.	815,465	Mar. 20	2999	625	121	761
Nelson, Albert, Chicago Heights, Ill. Brake-shoe.	828,957	Aug. 21	2529	536	123	2362
Nelson, Albert G., Beatrice, Nebr. Printer's rule-gage.	833,477	Oct. 16	2972	630	124	2025
Nelson, Andrew, Rock Island, Ill. Apparatus for molding building-blocks.	834,632	Oct. 30	5487	1164-5	124	2735
Nelson, Andrew W., assignor to Columbian Enameling & Stamping Company, Terre Haute, Ind. Kettle-cover fastening.	823,071	June 12	1681	348	122	2142
Nelson, Anton R. (See McKinsey and Nelson.)						
Nelson, Arthur W., Chicago, Ill. Cutter-head.	815,549	Mar. 20	3152	660	121	793
Nelson, Arthur W., Chicago, Ill. Rotary cutter for woodworking-machines.	828,958	Aug. 21	2530	536	123	2362
Nelson, August W., Spokane, Wash. Electrical railway-signal.	813,662	Feb. 27	4283	942	120	2566
Nelson, Axel L., Ottumwa, Iowa. Bit.	837,490	Dec. 4	418	95	125	1460
Nelson, Charles, St. Louis, Mo. Ice-cream cabinet.	819,789	May 8	1518	322	122	402
Nelson, Charles F., assignor to E-Z Manufacturing Company, Galesburg, Ill. Animal-trap.	816,814	Apr. 3	519	113	121	1472
Nelson, Charles R., Chicago, Ill., assignor to Sieber & Trussell Manufacturing Company. File-binder.	813,817	Feb. 27	4570	1010	120	2627
Nelson, Charles R., Chicago, Ill., assignor to Sieber & Trussell Manufacturing Company. Binder-file.	813,818	Feb. 27	4571	1011	120	2627
Nelson, Charles R., Chicago, Ill., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.	819,368	May 1	683	143	122	156
Nelson, Chris, Memphis, Tenn. Oil-press.	817,930	Apr. 17	2762	598	121	2077
Nelson, Edward, Jersey City, N. J. Cord-clamp.	809,726	Jan. 9	2257	468	120	528
Nelson, Edward, New York, N. Y. Transmission mechanism.	818,845	Apr. 24	4608	988-9	121	2527
Nelson, Fred I., Chicago, Ill. Aerial tramway.	839,024	Dec. 18	3412	736-7	125	2283
Nelson, Fred N., McComb, Miss. Conveyor.	836,938	Nov. 27	4095	874	125	1144
Nelson, Frederick E., and G. W. Tribbey, Marshfield, Ore. Gate.	827,555	July 31	5938	1231	123	1557
Nelson, Gustaf, St. Louis Park, Minn. Boat and propelling-gear for same.	836,821	Nov. 27	3846	820	125	1085
Nelson, Henriette, San Francisco, Cal. Provision-safe.	836,648	Nov. 20	3451	737	125	947
Nelson, Henry R., Walnut Grove, Minn. Weeding attachment for corn-cultivators.	839,308	Dec. 25	4018	863	125	2478
Nelson, Henry R., Walnut Grove, Minn. Weeding attachment for cultivators.	839,309	Dec. 25	4019	864	125	2478
Nelson, Henry R., Walnut Grove, Minn. Weeder-tooth.	839,310	Dec. 25	4020	864	125	2478
Nelson, Hugh B. (See McNally, Thomas W., assignor.)						
Nelson, Jack E., Colorado City, Colo. Chimney closure and ventilator.	836,333	Nov. 20	2852	606	125	805
Nelson, James W. (See Hammond, Herbert, assignor.)						
Nelson, John, Ottawa, Kans. Punching-machine.	810,796	Jan. 23	4451	923-4	120	1093
Nelson, John, Peru, Ill. Polishing sheet metal.	819,369	May 1	685	144	122	156
Nelson, John, Peru, Ill. Anode.	830,918	Sept. 11	2050	431	124	546
Nelson, John, assignor of two-thirds to W. H. Maze and R. F. Struever, Peru, Ill. Polishing-machine.	810,554	Jan. 23	3994	822-3	120	993
Nelson, John F. (See Hoffman, Joseph M., assignor.)						
Nelson, John F., Juniata, Pa. Washing-machine.	835,975	Nov. 13	2118	454	125	571
Nelson, John L., Colona, Colo. Power-transmitting mechanism.	836,601	Nov. 20	3360	716	125	927
Nelson & Kreuter Company. (See André, William E., assignor.)						
Nelson & Le Moon. (See Le Moon, Axel R., assignor.)						
Nelson, Martin, Toronto, Canada. Machine for drilling nuts and the like.	817,587	Apr. 10	2066	435	121	1866
Nelson, Nels, New Haven, Conn. Spout-cap for oil-cans.	822,624	June 5	795	162	122	1902
Nelson, Nels H., Pennock, Minn. Power device.	831,371	Sept. 18	2959	628	124	798
Nelson, Nels M., Deerfield, Wis. Tank-heater.	836,526	Nov. 20	3228	688	125	895
Nelson, Nels O., Butte, Mont. Door or closure.	830,355	Sept. 4	913	189	124	226
Nelson, Nels P., Foy, Minn. Propelling and steering mechanism for vessels.	830,356	Sept. 4	915	189	124	226
Nelson, Nels P., Lexington, Ore. Disk jointer.	837,491	Dec. 4	419	95	125	1461
Nelson, Nicholas R., assignor to Beaver Dam Manufacturing Company, Beaver Dam, Wis. Combined grain-seeder and cultivator.	814,070	Mar. 6	136	27	121	31
Nelson, Nicholas R., and C. J. Kalkhurst, assignors to Beaver Dam Manufacturing Company, Beaver Dam, Wis. Automatic spring cultivator-tooth.	837,335	Dec. 4	112	30	125	1382
Nelson, Ole A. (See Brimmon and Nelson.)						
Nelson, Otto A., Ballard, Wash. Split pulley.	816,117	Mar. 27	4338	919	121	1103
Nelson, Peter, Chicago, Ill. Hame-fastener.	815,205	Mar. 13	2434	507	121	590
Nelson, Peter H. (See Wagner and Nelson.)						
Nelson, Peter W., New York, N. Y. Game or amusement device.	819,915	May 8	1750	376	122	455
Nelson, Reuben C., Healdsburg, Cal. Hydrocarbon-fuel-feeding apparatus.	814,311	Mar. 6	623	128	121	135
Nelson, Robert S., Martin, Cal. Plow.	816,360	Mar. 27	4844	1027	121	1210
Nelson, Robert B., Cornplanter township, Venango county, Pa. Branch clamp for oil-wells.	816,361	Mar. 27	4847	1027	121	1211
Nelson, Robert L. (See Wade, Edwin T., assignor.)						
Nelson, Soren M., and N. Nielsen, Marietta, Minn. Shock-loader.	811,165	Jan. 30	5197	1086	120	1288
Nelson, Sven T., assignor to Sullivan Machinery Company, Chicago, Ill. Hoisting-engine.	826,956	July 24	4595	958-9	123	1213
Nelson, William. (See Divan, James M., assignor.)						
Némath, Julius. (See Guttenberg and Némath.)						
Nepean-Hutchison, William, Camberwell, London, England. Apparatus for straining wire.	839,311	Dec. 25	4021	864	125	2479
"Nercumoff" Button Company. (See Forsyth, William H., assignor.)						
Nernst Lamp Company. (See Ackerman, Albert, assignor.)						
Nernst Lamp Company. (See Van Vleck, John, assignor.)						
Nesbit, David M., London, England. Steam-heating apparatus.	827,173	July 31	5107	1062	123	1356
Ness, Jens M. J., Maddock, N. D. Heating-drum.	817,185	Apr. 10	1263	262	121	1700
Nesselroad, Charles H., Stuart, Iowa. Brickmaking-machine.	830,357	Sept. 4	917	190-1	124	226
Neste, Knut T., Madison township, Winneshiek county, Iowa. Currycomb.	819,790	May 8	1519	322	122	402
Neste, Otto K., Madison township, Winneshiek county, Iowa. Post-hole digger.	819,791	May 8	1520	323	122	403
Nethery, Joseph W., assignor to Indiana Manufacturing Company, Indianapolis, Ind. Pneumatic straw-stacker.	811,736	Feb. 6	375	82	120	1568
Nettle, Gustav, Leaburg, Ore. Snatch-block.	831,460	Sept. 18	3118	660-1	124	840
Nettleton, Edward E., Quinter, Kans. Locomotive ash-pan.	838,740	Dec. 18	2895	623	125	2158
Nettleton, Joseph N., Rockfall, Conn. Nippers.	821,183	May 22	4408	938	122	1160
Neu, Joseph C., North Lake, and J. Hahn, Milwaukee, Wis. Drinking-fountain for chickens.	835,551	Nov. 13	1341	288	125	382
Neubauer, Jacob, Wells, Minn. Lifting apparatus.	812,356	Feb. 13	1693	372	120	1911
Neubauer, Julius K., assignor to R. Schwartz, Rankin, and I. Schwartz, McKees Rocks, Pa. Nail-making machine.	815,305	Mar. 13	2620	549	121	631
Neubert, Augustus, Elizabeth, assignor of one-half to E. H. Radel, New Brunswick, N. J. Trolley-pole.	826,050	July 17	2784	577	123	742
Neuberth, George E., Newark, N. J. Caster.	816,177	Mar. 27	4457	943	121	1127

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Neuburg, Martin G. (See Guggenheim and Neuburg.)						
Neuburger, Bernhard, and K. Witz, Nuremberg, Germany; said Witz assignor to said Neuburger, Cement.	834,633	Oct. 30	5489	1165	124	2735
Neudecker, George P. (See Edwards, Charles L., assignor.)						
Neudorff, Fredrick, Sheffield, Ala., assignor, by mesne assignments, to Memphis Column Company, Memphis, Tenn. Turning-lathe.	828,897	Aug. 21	2418	514-15	123	2333
Neuens, Michael W., assignor to Western Implement Company, Port Washington, Wis. Sulky attachment for harrows.	826,867	July 24	4439	923	123	1174
Neumaier, John, assignor of one-half to G. L. Baldauf, Milwaukee, Wis. Marine-torpedo guard.	808,942	Jan. 2	631	137-8	120	139
Neumaier, John, assignor of three-fourths to G. L. Baldauf, Milwaukee, Wis. Automatic railway-signal.	817,131	Apr. 3	1141	236-7	121	1613
Neumann, Albrecht B. (See Baker, David, assignor.)						
Neumann, Albrecht B. (See Baker, David, assignor.) (Reissue.)						
Neumann, Albrecht B., Joliet, Ill., assignor of one-half to D. Baker, Philadelphia, Pa. Distributer for blast-furnaces.	820,065	May 8	2135	465	122	539
Neumann, Christian, St. Louis, Mo. Pressure-blower.	839,312	Dec. 25	4022	865	125	2479
Neumann, Engelbert, assignor of one-half to A. Weyers & Cie., Crefeld, Prussia, Germany. Transfer apparatus for wire heddles.	812,076	Feb. 6	1086	237-8	120	1710
Neumann, Friedrich E. F., assignor to Kakao-Campagne Theodor Reichardt Gesellschaft mit beschränkter Haftung, Wandsbek, Germany. Lateral packing for the end faces of pairs of rollers.	813,320	Feb. 20	3601	791	120	2356
Neumann, Ludwig, Gleiwitz, Germany. Mechanism for converting rotary motion into reciprocatory motion.	816,933	Apr. 3	772	158-9	121	1530
Neumann, Richard G., assignor to Kakao-Campagne Theodor Reichardt Gesellschaft mit beschränkter Haftung, Wandsbek, near Hamburg, Germany. Concentrator for pulverulent materials.	821,819	May 29	5696	1214	122	1501
Neumayer, Edmund, assignor to Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Prism-telescope.	836,273	Nov. 20	2733	581-2	125	777
Neumayer, Edmund, and H. Jacob, assignors to Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Telescope for submarine and submergible boats.	829,121	Aug. 21	2879	604-5	123	2453
Neumeyer, Frank E. (See Neumeyer, Horace F. and F. E.)						
Neumeyer, Horace F. and F. E., Macungie, Pa. Cue-chalk holder.	826,736	July 24	4185	869	123	1109
Neustadt, Nathan E., Milwaukee, Wis. Pipe-case.	825,750	July 10	2227	464	123	589
Nevens, Herbert R., Portland, Me. Circuit-closer for telegraph-keys.	813,512	Feb. 27	3993	875	120	2502
Nevergold, George H., Jeannette, assignor of one-half to J. A. Kelly, Pittsburg, Pa. Manufacture of cylinders for window-glass and other like articles.	829,991	Sept. 4	152	26	124	38
Neves, Santiago, Valparaiso, Chile. Submarine vessel.	826,868	July 24	4440	924-5	123	1174
Neville, Asa G. (See Paull and Neville.)						
Neville, Asa G., Wellsburg, W. Va. Glass-mold.	825,977	July 17	2638	548	123	706
Neville, Edmund, Dixon, Ill. Hay-rack.	820,435	May 15	2860	623	122	757
Neville, John H., Bay City, Mich. Machine for shaping wood articles.	816,030	Mar. 27	4153	879	121	1062
Neville, John P., Oakland, Cal. Dry method of preparing lead compounds.	812,357	Feb. 13	1694	377	120	1911
Nevin, John H., Washington, Pa. Folding umbrella.	811,948	Feb. 6	827	182	120	1658
Nevins, Ennis M., assignor to Acme Manufacturing and Supply Company, Beaumont, Tex. Pump.	814,312	Mar. 6	624	128	121	135
Nevins, Patrick J., Haverhill, Mass. Gas-fixture.	809,727	Jan. 9	2258	468	120	529
Nevius, Peter T. B., assignor of one-half to A. T. Connet, Flemington, N. J. Skirt-hanger.	833,693	Oct. 16	3400	724	124	2125
New Britain Hardware Manufacturing Company. (See Pfeiffer, Christian, assignor.)						
New Haven Clock Company. (See Porter, Wilson E., assignor.)						
New Home Sewing Machine Company. (See Bowers, Edward L., assignor.)						
New Inverted Incandescent Gas Lamp Company. (See Bridger, James, assignor.)						
New Jersey Patent Company. (See Aiken, Edward L., assignor.)						
New Jersey Patent Company. (See Dodd, David A., assignor.)						
New Jersey Patent Company. (See Edison, Thomas A., assignor.)						
New Jersey Patent Company. (See Joyce, Maurice, assignor.)						
New Jersey Patent Company. (See Nehr, William F., assignor.)						
New Jersey Patent Company. (See Ott, John F., assignor.)						
New Jersey Patent Company. (See Pierman, Alexander N., assignor.)						
New Jersey Patent Company. (See Weber, Peter, assignor.)						
New Jersey Wire Cloth Company. (See Himmelwright, Abraham L. A., assignor.)						
New Jersey Zinc Company. (See Queneau, Augustin L. J., assignor.)						
New Process Steel & Wire Company. (See Griffin, Alvah M., assignor.)						
New, William J., Jr., Monterey, Ky. Buckle.	831,090	Sept. 18	2429	511	124	668
New Winona Manufacturing Co. (See McLaughlin, Cunningham N., assignor.)						
New York Adding Typewriter Company. (See Pike, William H., Jr., assignor.)						
New York Air Brake Company. (See Bickel, Henry F., assignor.)						
New York Air Brake Company. (See Kelly, John P., assignor.)						
New York Automatic Telephone Company. (See Gilgen, Adolph C., assignor.)						
New York Calcium Light Company. (See Murray, Frederick S., assignor.)						
New York Cigarette Machine Company. (See Boucher, Arthur L., assignor.)						
New York Couch Bed Company. (See Baker, Charles A., assignor.)						
New York Dimensions Supply Company. (See Kramer, Louis and F. L., assignors.)						
New York Leather Belting Company. (See Stine, John R., assignor.)						
New York Lime Company. (See Shortt, Edward G., assignor.)						
New York Shipbuilding Company. (See Mason, Thomas S., assignor.)						
New York Switch and Crossing Company. (See Wood, William C., assignor.)						
New York Telephone Company. (See Merritt, Benjamin F., assignor.)						
New York Telephone Company. (See Turner, Maurice C., assignor.)						
Newark Cornice and Skylight Works. (See Yunker, Gottlieb, assignor.)						
Newark Cornice and Skylight Works. (See Yunker and Schwing, assignors.)						
Newark Machine Company. (See Kinney, Clement L. V., assignor.)						
Newbold, Harry, London, England. Spectacles.	815,975	Mar. 27	4031	853	121	1034
Newbold, Roger M., Louisville, Ky., assignor to Adams & Westlake Company. Storage-battery jar.	819,159	May 1	237	51	122	59
Newbold, Roger M., Louisville, Ky., assignor to Adams & Westlake Company. Pole-changer.	819,160	May 1	238	51	122	59
Newcomb, Charles N., West Palmbeach, Fla. Suction-dredge.	822,863	June 5	1250	257-8	122	2000
Newcomb, David L., San Diego, Cal. Ballot member for vote-registering machines.	819,306	May 1	548	116	122	126
Newcomb, Frank E., Cleveland, Ohio. Vehicle-tire.	827,556	July 31	5939	1231	123	1558
Newcomb, John G., Peoria, Ill. Collapsible heating device.	819,916	May 8	1750	377	122	455
Newcomer, Melchor S., Polo, Ill. Windmill.	809,208	Jan. 2	1152	239	120	253
Newcomer, Melchor S., Polo, Ill. Windmill-regulating mechanism.	812,671	Feb. 13	2311	503-4	120	2034
Newell, Alfred A. (See Quick, Emmett B., assignor.)						
Newell, Arthur A., Mellette, S. D. Rope-clamp.	829,542	Aug. 28	3796	806	123	2726

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Page.
Newell, Charles E., assignor of one-half to W. L. Von, San Francisco, Cal. Wave-motor.	816,934	Apr. 3	774	159	121	1531
Newell, Frank C., Wilkesburg, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Electric heating system for cars.	814,981	Mar. 13	1938	407-8	121	478
Newell, Frederick W., Hastings-upon-Hudson, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Single-push-button automatically-controlled electric-elevator system.	838,133	Dec. 11	1724	371	125	1828
Newell, Harry D., and A. T. Bryant, Lawrence, Mass. Adjustable brush-carrier for web-coating machines.	820,666	May 15	3311	710	122	857
Newell, James L., St. Louis, Mo. Chair.	835,976	Nov. 13	2119	455	125	571
Newell, Nelson C. (See Clough, Francis W., assignor.)						
Newell, Wallace L., Buckeye, Wash. Swage for inserted saw-teeth.	836,527	Nov. 20	3230	688	125	895
Newhall, George M., Philadelphia, Pa. Condenser.	815,031	Mar. 13	2071	434	121	506
Newhall, Henry B. (See Cook, John H., assignor.)						
Newitt, Frank T. (See Brooks, Newitt, and Smith.)						
Newkirk Glass Company. (See George, Shortle, and White, assignors.)						
Newlin, Nathan I., Indianapolis, and S. L. Newlin, Rockville, Ind. Folding umbrella.	820,245	May 8	2494	538-9	122	619
Newlin, Stranda L. (See Newlin, Nathan I. and S. L.)						
Newman, Abraham A., Chicago, Ill. Watchman's key-box.	830,098	Sept. 4	377	76	124	92
Newman, Albert T., Greeley, Kans. Switchboard.	821,251	May 22	4535	965	122	1188
Newman, Benjamin, Gateshead, England. Jim-crow, &c., for bending rails.	819,161	May 1	240	51-2	122	60
Newman, Clark A., Atlantic City, N. J. Construction of foundation-walls.	826,597	July 24	3922	813	123	1042
Newman, Elmer P., Denver, Colo. Artificial-stone building-block.	832,694	Oct. 9	1363	275	124	1580
Newman, Floyd W., Bradford, Pa. Door.	829,683	Aug. 21	2789	587	123	2430
Newman, Frederick J., assignor to Woods Motor Vehicle Company, Chicago, Ill. Vehicle.	819,244	May 1	422	88-9	122	99
Newman, Frederick J., assignor to Woods Motor Vehicle Company, Chicago, Ill. Power-transmission mechanism for automobiles.	833,478	Oct. 16	2973	631	124	2025
Newman, Herman F., Indianapolis, Ind. Distributing-nozzle.	822,546	June 5	614	123	122	1862
Newman, Isidore, New York, N. Y. Bed-pan.	836,334	Nov. 20	2854	606	125	806
Newman, Louis, New York, N. Y. Crack-cutting tool.	826,266	July 17	3196	662	123	841
Newman, Louis H., et al. (See Laube, Godfried and G. C. G., assignors.)						
Newman, Orris H., Pekin, Ill. Selective ringing and locking device.	821,820	May 29	5698	1214	122	1502
Newman, Oscar H., Oracle, Ariz. Ter. Musical instrument.	823,625	June 19	2819	598	122	2448
Newman, Richard, Washington, D. C. Mud-guard.	824,574	June 26	4652	989	122	2901
Newman, Stephen A., Cassville, Mo. Fly-trap for windows, doors, &c.	837,245	Nov. 27	4699	997	125	1292
Newman, William F., Forest Lodge, near Sydney, New South Wales, Australia. Turbine.	829,992	Sept. 4	155	26-7	124	38
Newman, William J., Chicago, Ill. Automatic-dumping elevator-cage.	809,456	Jan. 9	1727	356	120	413
Newman, William J., Chicago, Ill. Tripping apparatus.	810,555	Jan. 23	3995	823	120	993
Newman, William J., Chicago, Ill. Derrick.	810,556	Jan. 23	3997	823	120	994
Newman, William J., Chicago, Ill. Automatic-dumping elevator-cage.	825,928	July 17	2553	529-30	123	682
Newman, William J., Chicago, Ill. Digging or excavating apparatus.	833,333	Oct. 16	2661	539	124	1951
Newnam, Frank, assignor to First Mill Company, Los Angeles, Cal. Rock-splitting machine.	827,879	Aug. 7	364	78-9	123	1760
Newsom, Charles S., Athens, Ohio. Combined incubator and nursery.	832,151	Oct. 2	267	51-2	124	1277
Newsom, James A., Eden, Miss. Mail-bag projector.	834,929	Nov. 6	102	20-1	125	29
Newton, A. Edward, et al. (See Mayer, Walter S., assignor.)						
Newton, Albert E., Worcester, Mass. Drill-press.	811,317	Jan. 30	5493	1145	120	1352
Newton, Arthur D., Hartford, Conn., assignor to General Electric Company. Electrical heating system.	809,728	Jan. 9	2259	469	120	529
Newton, Charles C., assignor to Newton Machine Tool Works, Incorporated, Philadelphia, Pa. Slotting-machine.	823,354	June 12	2278	476	122	2273
Newton, Charles C. and W. S., Weybridge, England. Stopper for bottles, tubes, containers, and the like.	834,679	Oct. 30	5578	1184	124	2758
Newton Crane Gas Engine Company. (See Crane, Newton, assignor.)						
Newton, Edward F. (See Jacobs, Insell, Newton, and Bowden.)						
Newton, Edwin J., assignor to W. R. Everett, Chicago, Ill. Bearing.	822,297	June 5	147	30	122	1761
Newton, George A. (See Fahrney, Doran, and Newton.)						
Newton, George W., Hubbard, Ohio. Cucumber-picker.	834,531	Oct. 30	5273	1121	124	2682
Newton, George W., and A. M. Carl, Newton, Iowa. Shade-bracket.	836,602	Nov. 20	3361	716	125	927
Newton, Herbert W. (See Luchterhand and Newton.)						
Newton, Isaac S., assignor to F. A. Carlton and H. McVey, Syracuse, N. Y. Belt-shifter.	834,532	Oct. 30	5275	1121	124	2683
Newton, James E., Fall River, Mass. Shovel.	813,166	Feb. 20	3293	724	120	2293
Newton, Joel W., assignor of one-half to G. T. Taylor, Elberton, Ga. Harrow.	820,727	May 15	3430	735	122	883
Newton, John D. (See Hutchinson, Robert H., assignor.)						
Newton Machine Tool Works. (See Newton, Charles C., assignor.)						
Newton, Ralph E., Milwaukee, Wis. Bascule-bridge.	824,135	June 26	3764	804	122	2712
Newton, Reuben W., et al. (See Einsele, George N., assignor.)						
Newton, William G., assignor to Peck Brothers and Company, New Haven, Conn. Combination spray and shower attachment for bath-tubs.	819,582	May 1	1068	235	122	240
Newton, William S. (See Newton, Charles C. and W. S.)						
Ney, Louis, Springfield, Mass., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	816,118	Mar. 27	4339	919	121	1103
Ney Manufacturing Company. (See Rowland and Bacher, assignors.)						
Neyland, Cary A., and H. G. Nagel, Lewiston, Idaho. Current-motor.	830,449	Sept. 4	1111	233	124	275
Neyrat, Léo, Périgueux, France. Lock for doors of cars, &c.	830,520	Sept. 11	1261	261-2	124	339
Niagara Falls Power Company. (See Wills and Imlay, assignors.)						
Niagara Forged Steel Company. (See Alkins, Charles A., assignor.)						
Niagara Forged Steel Company. (See Woodcock, William H., assignor.)						
Niagara Hydraulic Engine Co. (See Francfort, Alfred H., assignor.)						
Niagara Machine & Tool Works. (See Lindgren and Humelbuehler, assignors.)						
Nice, Jesse H. (Ehle and Nice.)						
Nicewarner, Theodore G., Belington, W. Va., assignor of three-fourths to G. E. Cain, W. W. Teter, and Ware & Viquesney. Apparatus for thawing ice from ice-cans.	821,957	May 29	5955	1268-9	122	1557
Nichol, John C., Montreal, Canada. Boat.	825,340	July 10	1304	274	123	358
Nichol, John G., and C. H. Carlson, Iron Mountain, Mich. Stove-hood.	825,238	July 3	1091	231	123	285
Nicholas, Charles H., London, England. Means for uniting a pair of bicycles to form a quadricycle.	822,688	June 5	930	189	122	1934
Nicholas, George T., Bethany, Mo. Draft-equalizer.	810,797	Jan. 23	4452	924	120	1094
Nicholas, James A., assignor to C. E. McCullough, Sheffield, Ill. Lock for end-gates.	810,072	Jan. 16	2954	616.	120	734
Nicholas, Thomas K., Carthage, Mo. Signal.	837,336	Dec. 4	114	31	125	1382
Nicholas, William H., Boston, Mass. Blackleading-machine.	827,557	July 31	5941	1232	123	1558
Nicholls, Albert W., Chicago, Ill. Syringe.	826,188	July 17	3042	631	123	806
Nicholls, Harvey M., San Francisco, Cal. Vehicle-elevator.	839,185	Dec. 25	3778	816	125	2421
Nicholls, Moses, assignor to J. D. Gray, W. C. Hugus, and W. Webster, Ottumwa, Iowa. Attachment for squares.	821,115	May 22	4280	910-11	122	1130

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Nicholls, William T., Wellsburg, W. Va. Manufacture of sheet or plate glass.....	814,471	Mar. 6	954	196	121	208
Nicholls, William T., Wellsburg, W. Va. Glass-pot furnace and pot and making the same.....	820,124	May 8	2249	489	122	564
Nicholls, William T., Wellsburg, W. Va. Manufacture of glass tiles.....	838,889	Dec. 18	3171	683	125	2225
Nichols, Aaron S., Boston, Mass. Game-recording device.....	812,864	Feb. 20	2687	592	120	2160
Nichols, Arthur C., assignor to Scovill Manufacturing Company, Waterbury, Conn. Eye-let.....	813,575	Feb. 27	4122	903	120	2531
Nichols, Charles G. (See Nichols, Henry and C. G.)						
Nichols, Frank L. (See Starr and Nichols.)						
Nichols, Franklin H., Chetek, Wis. Plow.....	824,136	June 26	3766	804	122	2713
Nichols, Frederick A., Brooklyn, N. Y., assignor to Combination Envelope Manufacturing Company, Boston, Mass. Combination envelop and message-blank.....	830,844	Sept. 11	1925	403	124	517
Nichols, George E. (See Crawford, James, assignor.)						
Nichols, Harry, Pittsburg, Pa. Folding chair.....	828,136	Aug. 7	888	183	123	1890
Nichols, Henry and C. G., Appleton, Wis. Device for discharging liquids.....	836,335	Nov. 20	2855	606-7	125	806
Nichols, Henry B., Philadelphia, Pa. Portable melting and heating apparatus.....	810,073	Jan. 16	2955	616	120	734
Nichols, Henry B., Philadelphia, Pa. Device for use in the manufacture of rail-joints.....	810,074	Jan. 16	2956	616	120	734
Nichols, Henry B., Philadelphia, Pa. Device for use in the manufacture of rail-joints.....	810,075	Jan. 16	2957	617	120	735
Nichols, Henry B., Philadelphia, Pa. Portable riveting apparatus.....	826,522	July 17	3740	776	123	981
Nichols, Henry B., Philadelphia, Pa. Device for use in the manufacture of rail-joints.....	826,523	July 17	3742	776	123	981
Nichols, Henry B., and G. B. Taylor, Philadelphia, Pa. Railway-track construction.....	839,184	Dec. 25	3776	815-16	125	2420
Nichols, Henry H., Philadelphia, Pa. Switch-locking device.....	812,077	Feb. 6	1089	238-9	120	1710
Nichols, Henry J., Middletown, Conn. Machine for straightening gun-barrels.....	832,152	Oct. 2	270	52	124	1278
Nichols, Ira F., and D. W. H. Gilliland, Newark, Ohio. Mirror.....	838,047	Dec. 11	1529	328	125	1779
Nichols, Jacob J. (See Dela Mar, Joseph, assignor.)						
Nichols, Jesse W., Chicago, Ill. Key-opening can.....	838,204	Dec. 11	1872	401	125	1865
Nichols, John E. (See Fling and Nichols.)						
Nichols, Kate. (See Henkel, George, assignor.)						
Nichols, Lewis A., et al. (See Smith, Frank L., assignor.)						
Nichols, Louis C., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Transformer.....	834,160	Oct. 23	4544	964	124	2453
Nichols, Robert F., Oakland, Cal. Window frame and sash.....	820,817	May 15	3627	774	122	927
Nichols, Samuel A., Los Angeles, Cal. Table.....	818,550	Apr. 24	4006	859	121	2395
Nichols and Shepard Co. (See Kern, Albert G., assignor.)						
Nichols and Shepard Company. (See Guchess, William T. S., assignor.)						
Nichols, William H., assignor of one-half to E. E. Larrabee, Bennington, Vt. Lamp-socket.....	837,638	Dec. 4	718	165	125	1532
Nicholson, Charles W., Roslyn, Wash. Safety stop-valve.....	828,137	Aug. 7	889	183	123	1890
Nicholson & Co., Wm. H. (See Nicholson, William, Jr., assignor.)						
Nicholson, Edgar L. (See Horton, George R., assignor.)						
Nicholson, James C., et al. (See Minturn, John, assignor.)						
Nicholson, John. (See Dillavou, Samuel A., assignor.)						
Nicholson, John H. (See Stiefel and Nicholson.)						
Nicholson, John H., Pittsburg, Pa., assignor to National Tube Company, New York, N. Y. Apparatus for cross-rolling tubular bodies or blanks.....	817,796	Apr. 17	2483	531	121	2013
Nicholson, John H., assignor to National Tube Company, Pittsburg, Pa. Manufacture of compound tubes.....	831,887	Sept. 25	4035	840	124	1113
Nicholson, John I. and T. E., Washington, Iowa. Sleigh-runner attachment for vehicles.....	817,982	Apr. 17	2858	619	121	2098
Nicholson, John L. (See Wade and Nicholson.)						
Nicholson, John S., Los Angeles, Cal. Core-making machine.....	824,433	June 26	4374	930	122	2839
Nicholson, John S., Los Angeles, Cal. Agitator for core-making machines.....	828,567	Aug. 14	1768	372	123	2138
Nicholson, John T., Newport News, Va. Gun-rack.....	834,748	Oct. 30	5700	1210	124	2789
Nicholson, Samuel L., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric motor.....	838,048	Dec. 11	1531	329	125	1779
Nicholson, Samuel T. (See Lloyd and Nicholson.)						
Nicholson, Thomas E. (See Nicholson, John I. and T. E.)						
Nicholson, William, Jr., assignor to W. H. Nicholson & Co., Wilkes-Barre, Pa. Tube-expander.....	817,089	Apr. 3	1060	220	121	1593
Nicholson, William, Jr., assignor to W. H. Nicholson & Co., Wilkes-Barre, Pa. Tapping apparatus.....	835,111	Nov. 6	479	97	125	124
Nichter, Frank, Scranton, Pa. Spiral separator.....	815,856	Mar. 20	3809	806	121	935
Nichter, Frank, Scranton, Pa. Upright rotary coal-screen.....	838,441	Dec. 11	2326	504	125	1975
Nickel, Franz F., East Orange, N. J., assignor to Henry R. Worthington, New York, N. Y. Compensating direct-acting engine.....	823,694	June 19	2952	624-5	122	2478
Nickels, Helen P. (See Stecker, Alfred J., assignor.)						
Nickerson, Alvinza V. (See Nickerson, Sherman H. and A. V.)						
Nickerson, Francis G. (See Nickerson, James H., assignor.)						
Nickerson, James H., Nelson, assignor to F. G. Nickerson, Winnipeg, Canada. Gun-sight.....	821,821	May 29	5702	1215	122	1502
Nickerson, Mary E., Cleveland, Ohio. Clip.....	814,723	Mar. 13	1462	307	121	380
Nickerson, Sherman H. and A. V., Canton, N. Y. Axle.....	822,298	June 5	153	31	122	1762
Nickerson, William E., Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Method of hardening.....	812,442	Feb. 13	1865	410-11	120	1946
Nickles, Ida B., Salina, Kans. Bedclothes-clamp.....	827,260	July 31	5267	1092	123	1395
Nieloux, Maurice, Paris, France. Obtaining material for saponifying fats and oils.....	837,710	Dec. 4	876	.....	125	1572
Nicodemus, Henry B., Allegheny, Pa. Gas and steam engine.....	821,373	May 22	4800	1020	122	1248
Nicolaus, Frederic G., Cleveland, Ohio. Toy cooking-range.....	826,598	July 24	3923	813-14	123	1043
Nicols, James F., Plainfield, assignor of one-half to C. D. Stevens, Magnolia, Ark. Insulator.....	834,533	Oct. 30	5276	1121	124	2683
Nicolson, George W., Mojave, Cal. Excavator.....	822,547	June 5	615	124	122	1862
Nidds, Edward, New York, assignor of one-half to M. H. Callan, Brooklyn, N. Y. Lathing system.....	820,246	May 8	2496	539	122	619
Niebling, Andrew E. (See Urban, Joseph S., assignor.)						
Niece, William E., Sandy Lake, Pa. Dish-washing apparatus.....	820,594	May 15	3182	685	122	830
Niederauer, Edward, Hamilton, Ohio. Union undergarment.....	826,797	July 24	4294	893	123	1140
Niederlander, Nicholas F., assignor to Westinghouse Automatic Air & Steam Coupler Company, St. Louis, Mo. Coupling apparatus for electric circuits.....	827,988	Aug. 7	591	120	123	1817
Niegmann, Mary, New York, N. Y. Safety-envelop.....	826,737	July 24	4187	869	123	1110
Niehoff, Ernest, Brooklyn, N. Y. Projectile.....	820,818	May 15	3628	775	122	928
Niehoff, Ernest, Brooklyn, N. Y. Valve attachment for torpedoes.....	826,888	May 15	3796	810	122	963
Niehoff, Ernest, Brooklyn, N. Y. Submarine boat.....	821,595	May 22	5223	1114	122	1338
Niele, Valentine J., Pittsburg, Pa. Metallic structure.....	817,508	Apr. 10	1917	403-4	121	1837
Niell, Magnus, New York, N. Y. Cigar-case.....	827,558	July 31	5942	1232	123	1559
Nielsen, Carl, Copenhagen, Denmark. Device for inflating the pneumatic tires of vehicles.....	839,626	Dec. 25	4650	991	125	2633
Nielsen, Catherine, et al. (See Nielsen, Rasmus, assignor.)						
Nielsen, Christian, Middletown, Conn. Combination-tool.....	832,996	Oct. 9	1963	410	124	1724

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr.-g.	Vol.	Page.
Nielsen, Niels. (See Nelson and Nielsen.)						
Nielsen, Peter K., Minneapolis, Minn. Centrifugal separator	834,018	Oct. 23	4234	898	124	2374
Nielsen, Rasmus, assignor to C. Nielsen and H. S. Giles, Troy, N. Y. Ice-cream spoon.	833,620	Oct. 16	3258	693	124	2092
Nielson, George H. (See Schneekloth, Otto, assignor.)						
Nielson, Henry, assignor to Osborn Manufacturing Company, Cleveland, Ohio. Rotary brush.	822,757	June 5	1050	215	122	1959
Niemann, James P. (See Le Brocq, Richard F., assignor.)						
Niemeyer, William H., Baltimore, Md. Excelsior-cutting machine	823,432	June 12	2414	508-9	122	2301
Nienow, George C., Plainview, Minn. Coupling-pole	831,888	Sept. 25	4037	840	124	1113
Nienstadt, August E., Newark, N. J. Varnishing composition and making same.	831,736	Sept. 25	3709		124	1033
Nienstadt, August E., Newark, N. J., assignor of fifty-one one-hundredths to G. W. Kuchler, New Rochelle, N. Y. Bleaching composition	817,267	Apr. 10	1438		121	1734
Nies, Frederick H., New York, N. Y. Shoe-form	818,704	Apr. 24	4323	927	121	2466
Niesz, Franklin B., and J. M. Stewart, assignors to Bucher & Gibbs Plow Company, Canton, Ohio. Plow	817,441	Apr. 10	1783	375	121	1808
Nightingale, Frank W., Quincy, Mass. Snow-shoe for wheels	813,231	Feb. 20	3417	753	120	2318
Nightingall, Victor C. J., Melbourne, Victoria, Australia. Controller for use in connection with the ignition of gas-burners	836,274	Nov. 20	2734	582	125	778
Nikolai, Jacob M., Madison, Minn. Roller-mill	811,574	Feb. 6	80	16	120	1503
Niles-Bement-Pond Company. (See Bryan, John H. B., assignor.)						
Niles-Bement-Pond Company. (See Forsberg, Carl J., assignor.)						
Niles-Bement-Pond Company. (See Hagman, William J., assignor.)						
Niles-Bement-Pond Company. (See Reiss, George T., assignor.)						
Niles-Bement-Pond Company. (See Sears, Willard T., assignor.)						
Niles-Bement-Pond Company. (See Teas, Daniel H., assignor.)						
Niles-Bement-Pond Company. (See Wood, Augustus, assignor.)						
Niles, Edward S. (See Washburn and Niles.)						
Niles, Francis H., assignor to Featherstone Foundry and Machine Company, Chicago, Ill. Double-pipe return-bend	811,318	Jan. 30	5496	1145	120	1353
Niles, Harry F., Chicago, Ill. Garment-supporter	809,074	Jan. 2	885	188	120	196
Niles, James A., Lynn, Mass. Shoe-form	825,861	July 10	2419	504	123	636
Nilsen, Ernst A., Christiania, Norway, assignor of one-half to B. Crafton, Chicago, Ill. Immersion apparatus for submarine boats	834,161	Oct. 23	4546	964-5	124	2453
Nilsen, Hjalmar, Dahlen township, Nelson county, N. D. Coupling for traction-engines	831,977	Sept. 25	4198	876	124	1154
Nilson, Lars, Hoboken, N. J., assignor, by mesne assignments, to T. M. Johnson, New York, N. Y. Electric interrupter. (Reissue)	12,558	Nov. 13	2297	487	125	616
Nilson, Nils, assignor of one-half to H. H. Walters, Casselton, N. D. Neck-yoke attachment	825,552	July 10	1789	377	123	479
Nilsson, Axel W., New York, N. Y. Interlocking tile for floor or wall coverings. (Re-issue)	12,483	May 15	3918	835	122	993
Nilsson, Karl W., New Britain, Conn. Rope-holder	828,765	Aug. 14	2142	453	123	2232
Nimmo, Thomas M., Glendale, and C. B. Long, Louisville, Ky. Buggy-top-joint controller	827,651	July 31	6133	1274	123	1610
Nind, Frederick G., assignor to Nind Paper Folder Company, Chicago, Ill. Folding-machine	833,236	Oct. 16	2467	517	124	1900
Nind, Frederick G., and F. Julian, assignors to Nind Paper Folder Company, Chicago, Ill. Paper-folding machine	839,313	Dec. 25	4023	865-7	125	2479
Nind Paper Folder Company. (See Nind, Frederick G., assignor.)						
Nind Paper Folder Company. (See Nind and Julian, assignors.)						
Nineteen Hundred Washer Co. (See Sheak, Andrew G., assignor.)						
Nineteen Hundred Washer Co. (See Wearne, Richard L., assignor.)						
Nineteen Hundred Washer Company. (See Whitney, Willie D., assignor.)						
Nisbet, Joseph, Argo, Miss. Cotton-picking machine	812,865	Feb. 20	2689	592-3	120	2161
Nisbet, William H. (See Thow and Nisbet.)						
Nishimoto, Kenzaemon, San Francisco, Cal. Automatic door opener and closer	819,583	May 1	1070	235-6	122	240
Nishimoto, Kenzaemon, San Francisco, Cal. Trousers holder and presser	823,891	June 19	3318	707	122	2559
Nishimoto, Kenzaemon, Oakland, Cal. Automatic door opener and closer	839,627	Dec. 25	4653	992	125	2633
Nisler, Andrew S. (See Oneal and Pearson, assignors.)						
Nissim, Louis, Southend-on-Sea, England. Speed-indicating apparatus	814,071	Mar. 6	137	27-8	121	31
Nissim, Louis, Westcliff-on-Sea, England. Lamp for burning liquid combustibles	829,798	Aug. 28	4335	916-17	123	2858
Nissim, Louis, Westcliff-on-Sea, England. Extinguishing device for lamps	832,023	Sept. 25	4279	895	124	1174
Nissly, Hershey B., Clinton, Iowa. Clasp for books and portfolios	826,957	Dec. 24	4604	960	123	1215
Nissly, John F., Lancaster, Pa. Bottle or jar capping machine	838,134	Dec. 11	1732	371-2	125	1830
Niswonger, Daniel R. (See Niswonger, Elmer E. and D. R.)						
Niswonger, Elmer E. and D. R., Dayton, Ohio. Assorting-receptacle for laundries	823,433	June 12	2417	509	122	2302
Nivens, James H., Norwalk, Cal. Canopy for sheltering horses from the sun's heat and from storms	838,135	Dec. 11	1738	372	125	1831
Nix, James L., Homer City, Pa. Hover	831,737	Sept. 25	3710	776	124	1033
Nix, James L., Homer City, Pa. Incubator	831,738	Sept. 25	3711	777	124	1033
Nixon, Jacob, Stockport, Iowa. Ditching-machine	814,982	Mar. 13	1942	408	121	478
Nixon, Lewis, New York, N. Y. Fire-boat	818,778	Apr. 24	4477	959	121	2500
Nixon, Moses C., Fort Wayne, Ind. Baling-press	818,779	Apr. 24	4479	959-60	121	2500
Nixon, Moses C., Chicago, Ill. Baling-press	835,632	Nov. 13	1506	321	125	424
Nixon, William M., Chattanooga, Tenn. Means for drawing and loading coke	838,049	Dec. 11	1532	329-30	125	1780
Noacre, Paul, Grand Rapids, Mich. Gage	819,376	May 1	686	144	122	157
Noad, William T. (See Bogardus, Van Ness H., assignor.)						
Noah, Henry, Baxter, Iowa. Mold for making building-blocks	811,080	Jan. 30	5009	1047	120	1249
Noben, Nels P., and E. E. Wang, Hitterdal, Minn. Rotary beater for threshing-machines	817,931	Apr. 17	2763	598-9	121	2078
Nobis, Frank P., Philadelphia, Pa. Stopper-extractor	825,929	July 17	2555	530	123	682
Noble, Burton E., Springfield, Mass. Composition of matter for plastering	835,831	Nov. 13	1871		125	516
Noble, Charles, assignor of one-half to C. F. Eshbaugh, Oregon, Ill. Clothes-drier	826,684	July 24	4085	848	123	1086
Noble, Clarence A., Catskill, N. Y. Automatic back-stop for vehicles	835,460	Nov. 6	1169	252-3	125	294
Noble, Cyrus W., and E. O. McHenry, Hoytville, Ohio. Curtain-holder for buggies	809,457	Jan. 9	1729	357	120	414
Noble, Donald, and J. S. Finch, assignors to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Stitch-forming mechanism for buttonhole-sewing machines	825,152	July 3	921	195	123	243
Noble, Edward J., Hartford, assignor of one-half to J. F. Robinson, Glastonbury, Conn. Toy	820,819	May 15	3632	775	122	928
Noble, George C., Eau Claire, Wis. Triangle for draftsmen	827,989	Aug. 7	593	120	123	1818
Noble, Hiram, and C. S. Quayle, Rock Island, Ill. Scraper	834,634	Oct. 30	5489	1165	124	2736
Noble, Jay, St. Louis, Mo. Air-brake system	839,186	Dec. 25	3780	816	125	2421
Noble, John A., San Francisco, Cal. Medical irrigator	826,685	July 24	4087	848	123	1087
Noble, Leonard E., assignor of one-half to B. Briggs, Oakfield, N. Y. Oar	819,792	May 8	1522	323	122	403
Noble, Ralph E., assignor to Morgan-Gardner Electric Company, Chicago, Ill. Bit-link for chains	837,246	Nov. 27	4700	997	125	1293
Noble, Thomas, St. Annes on the Sea, England. Railway-chair	818,391	Apr. 17	673	789	121	2270

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Noblett, Edward J., Chicago, Ill. Means for preventing theft of brasses from railway journal-boxes.....	812,866	Feb. 20	2692	593	120	2161
Noblett, Edward J., Chicago, Ill. Grain-door for railway-cars.....	817,983	Apr. 17	2859	619-20	121	2099
Noblett, Edward J., Chicago, Ill. Sanitary house.....	827,030	July 24	4738	988-90	123	1246
Nobs, Charles, Jr., Newark, N. J. Cigar-tip cutter.....	838,205	Dec. 11	1874	401	125	1866
Noe, John E., San Francisco, Cal. Composition for sealing punctures in pneumatic tires.....	825,930	July 17	2555	.....	123	683
Noecker, Joseph R. (See Kimberly, Luman C., assignor.)						
Noeggerath, Jakob E., Schenectady, N. Y., assignor to General Electric Company. Motor control.....	827,320	July 31	5376	1118	123	1421
Noeggerath, Jakob E., Schenectady, N. Y., assignor to General Electric Company. Collector-ring.....	829,799	Aug. 28	4337	917	123	2859
Noeggerath, Jakob E., Schenectady, N. Y., assignor to General Electric Company. Unipolar alternating-current machine.....	832,742	Oct. 9	1455	293-4	124	1603
Noël, André L., Paris, France. Expanding pulley.....	818,280	Apr. 17	3452	743	121	2224
Noel, John A., Washington, D. C. Inking apparatus for printing-presses.....	819,371	May 1	686	144	122	157
Noel, Stella. (See O'Kane, Bartholomew, assignor.)						
Nohr, Hilry J., Yankton, S. D. Mail-delivery apparatus.....	819,162	May 1	241	52	122	60
Noiseless Typewriter Company. (See Small, William A., assignor.)						
Nolan, Cornelius J., Toledo, Ohio. Machine for blowing hollow glass articles.....	822,220	May 29	6454	1370-1	122	1672
Nolan, John H., and M. L. Sanborn, assignors to Boston Pneumatic Power Company, Boston, Mass. Check-valve.....	810,502	Jan. 23	3887	799	120	971
Nolan, Lawrence, New York, N. Y. Folding horse.....	835,977	Nov. 13	2121	455	125	572
Nolan, Oliver, Minneapolis, Minn. Brick-machine.....	811,518	Jan. 30	5848	1224-5	120	1426
Nolan, Oliver, Minneapolis, Minn. Brick-machine.....	831,461	Sept. 18	3122	661	124	841
Nolan, William, and C. H. Pearce, assignors to said Nolan, said Pearce, and F. R. Leaver, Aspen, Colo. Rail-joint.....	832,997	Oct. 9	1965	410-11	124	1725
Nolan, William P., Milton, Otago, New Zealand. Ticket-dater.....	821,731	May 29	5522	1177	122	1460
Noland, John. (See Heinle, Albert W., assignor.)						
Nolen, Edward M., Chicago, Ill. Cabinet.....	838,567	Dec. 18	2575	557	125	2080
Nolen, Hilry B., Lamar, Wash. Weed-cutter.....	820,820	May 15	3634	775-6	122	929
Nolen, James G., Chicago, Ill., assignor, by mesne assignments, to Automatic Fire Protection Company. Fire-protection system.....	828,045	Aug. 7	708	146-7	123	1845
Nolen, James G., Chicago, Ill., assignor, by mesne assignments, to Automatic Fire Protection Company. Fire-protection system.....	828,046	Aug. 7	712	147	123	1847
Nolen, James G., assignor of one-half to F. B. Cook, Chicago, Ill. Combined telephone and district messenger system.....	838,136	Dec. 11	1740	373	125	1832
Nolker, William H. (See Brewer, Everett C., assignor.)						
Noll, Edward A., assignor to National Tool Company, Cleveland, Ohio. Chuck.....	822,977	June 12	1479	308	122	2097
Noll, Frank F. (See Christiansen, Noll, and Buchanan.)						
Nolle, Ernst, Weissenfels, Germany. Boot and shoe tacking machine.....	817,660	Apr. 10	2190	465-6	121	1893
Nöllenburg, Rudolf. (See Frieh and Nöllenburg.)						
Nolle'sche Werke Act.-Ges. (See Walther, Heinrich, assignor.)						
Nollesche Werke, Firm of. (See Walther, Heinrich, assignor.)						
Nolte, Frederick W., Victoria, British Columbia, Canada. Eyeglasses.....	832,743	Oct. 9	1458	294	124	1604
Nolte, George F., St. Louis, Mo. Range.....	837,950	Dec. 11	1323	290	125	1725
Nolting, Emil L., Elgin, Ill. Railway signal apparatus.....	822,625	June 5	796	162	122	1903
Nolting, Emil L., Elgin, Ill. Railway signal apparatus.....	822,626	June 5	799	162	122	1903
Nolty, Jacob J., assignor of one-third to J. C. Baker, Canal Dover, Ohio. Sheet-piling.....	829,596	Aug. 28	3904	827	123	2753
Nonnemacher, Clyde S., Philadelphia, Pa. Garment-supporter.....	837,103	Nov. 27	4432	939	125	1227
Noon, Michael H., et al. (See Ross, Thomas S., assignor.)						
Noonan, Albert S., Rome, N. Y. Fire-escape.....	814,472	Mar. 6	956	196	121	208
Noonan, Albert S., Rome, N. Y. Rack.....	834,486	Oct. 30	5193	1103	124	2661
Noonan, James A. (See Hoskin and Noonan.)						
Noonan, James H., San Diego, Cal. Playing-cards.....	816,119	Mar. 27	4342	919	121	1103
Noone, Anthony L., New York, N. Y. Pressure-regulator.....	831,677	Sept. 25	3603	756	124	1004
Noone, Anthony L., New York, N. Y. Pressure-regulator.....	831,739	Sept. 25	3712	777	124	1034
Noothaar, Ernst, Dresden, Germany. Device for holding expanded umbrellas.....	821,822	May 29	5703	1215	122	1502
Norblom, Charles H. (See Moe and Norblom.)						
Nordberg, Bruno V., Milwaukee, Wis. Fluid-operated engine.....	812,151	Feb. 6	1248	271	120	1745
Nordensson, Carl O., Scane, Sweden, assignor of one-half to J. A. Laird, St. Louis, Mo. Machine for cleaning gas.....	820,247	May 8	2498	540	122	619
Nordlinger, Louis, New York, N. Y. Fire-cracker and other piece of fireworks.....	837,492	Dec. 4	421	95-6	125	1461
Nordquist, Andrew O., Minneapolis, Minn. Floor-scraper.....	821,525	May 22	5098	1086	122	1311
Nordstrom, Fred, New York, N. Y. Tailor's measure.....	809,836	Jan. 9	2451	509	120	571
Nordström, Wilhelm O., Kolding, Denmark. Apparatus for cleaning boilers.....	824,947	July 3	540	107	123	144
Nordyke & Marmon Company. (See Marmon, Howard C., assignor.)						
Nordyke & Marmon Company. (See Warrington, Jesse, assignor.)						
Norem, Bernhard, and W. Sandberg, Chicago, Ill. Game apparatus.....	820,310	May 8	2611	569	122	644
Norfolk Novelty Corporation. (See Morris, John O., assignor.)						
Norfolk Storage Company. (See Nelms, Charles F., assignor.)						
Norfolk, Thomas F., Ottumwa, Iowa. Attachment for steel squares.....	814,157	Mar. 6	302	60	121	66
Norling, Reinhold A., assignor to Aurora Automatic Machinery Company, Aurora, Ill. Pneumatic hammer.....	813,109	Feb. 20	3174	694-5	120	2269
Norling, Reinhold A., assignor to Aurora Automatic Machinery Company, Aurora, Ill. Throttle-valve.....	813,110	Feb. 20	3180	695	120	2270
Norling, Reinhold A., assignor to Aurora Automatic Machinery Company, Aurora, Ill. Pneumatic hammer.....	814,983	Mar. 13	1943	408-9	121	479
Norling, Reinhold A., assignor to Aurora Automatic Machinery Company, Aurora, Ill. Throttle-valve for pneumatic tools.....	816,246	Mar. 27	4580	975	121	1154
Norling, Reinhold A., assignor to Aurora Automatic Machinery Company, Aurora, Ill. Pneumatic motor.....	817,384	Apr. 10	1653	350-1	121	1781
Norman, Bernt A., Logan, Utah. Cold-storage building.....	819,245	May 1	424	89	122	99
Norman, Charles C., Abilene, Kans. Binder cross-tongue and truck attachment.....	821,054	May 22	4161	885	122	1104
Norman, William W. (See Davis and Norman.)						
Normand, Joseph M., assignor to Ridgely Trimmer Company, Springfield, Ohio. Trestle building-blocks.....	809,729	Jan. 9	2260	469	120	529
Normandin, Levi P., assignor to W. F. Cowham, Jackson, Mich. Machine for molding building-blocks.....	817,661	Apr. 10	2192	466-7	121	1893
Normandin, Levi P., assignor to W. F. Cowham, Jackson, Mich. Machine for molding building-blocks.....	826,599	July 24	3928	814	123	1044
Norrie, Adam G., et al. (See McClintock, Frank, assignor.)						
Norington, Henry H., West Bay City, Mich. Stamp.....	811,949	Feb. 6	828	182	120	1658
Norris, Albert F. and C. H., Boston, Mass. Lifter-rod holder and guide.....	822,071	May 29	6170	1315	122	1608
Norris, Almon E., Cambridge, Mass. Hoisting and conveying apparatus.....	813,663	Feb. 27	4284	943	120	2566
Norris, Almon E., Cambridge, Mass. Electrical hoisting apparatus.....	816,879	Apr. 3	661	137	121	1505
Norris, Almon E., Cambridge, Mass. Hoisting-drum.....	817,268	Apr. 10	1439	302	121	1734
Norris, Almon E., Cambridge, Mass. Hoisting apparatus.....	832,744	Oct. 9	1460	294	124	1604

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Norris, Almon E., Cambridge, Mass. Valve.....	837,876	Dec. 4	1180	261-2	125	1647
Norris, Almon E., Cambridge, Mass. Hoisting-bucket.....	838,206	Dec. 11	1875	401-2	125	1866
Norris, Almon E., Cambridge, Mass. Hoisting-bucket.....	838,352	Dec. 11	2155	467	125	1932
Norris, Clifton H. (See Norris, Albert F. and C. H.)						
Norris, Frank B., Helena, Mont. Suspenders.....	811,081	Jan. 30	5010	1047	120	1249
Norris, Frederick H., Detroit, Mich. Button-guard for collars.....	809,730	Jan. 9	2262	469	120	530
Norris, George E., Detroit, Mich. Collar.....	810,076	Jan. 16	2958	617	120	735
Norris, George E., Detroit, Mich. Collar and cuff buttonhole machine.....	832,922	Oct. 9	1825	377	124	1691
Norris, Henry M., assignor to Pickford Drill & Tool Company, Cincinnati, Ohio. Variable-speed mechanism.....	820,984	May 22	4031	856-7	122	1076
Norris, Josie, Maryville, Mo. Colander.....	831,566	Sept. 25	3351	704	124	934
Norstrand, Hans P. G., Chicago, Ill. Lock-seam pipe.....	812,288	Feb. 13	1583	347	120	1887
Norstrom, Nils E., Chicago, Ill., assignor of four-sixths to J. Anderson, Salina, Kans., and Globe Automatic Telephone Company, Chicago, Ill. Telephone-exchange.....	829,419	Aug. 28	3503	735-7	123	2653
North American Chemical Company. (See Thoma, Andrew, assignor.)						
North American Manufacturing Company. (See Reilley, John W., assignor.)						
North, Arthur W., administrator. (See Wilde, Samuel.)						
North British Eyelet Company. (See Hodson, James, assignor.)						
North Brothers Manufacturing Company. (See Aichele, Christian, assignor.)						
North Brothers Manufacturing Company. (See Fegley, Thomas J., assignor.)						
North Brothers Manufacturing Company. (See Furbish, Zachry T., assignor.)						
North, Charles H., assignor to North Electric Company, Cleveland, Ohio. Spring-jack switch.....	836,049	Nov. 13	2236	479	125	601
North, Edward, <i>et al.</i> (See Jones, Frederick W., assignor.)						
North Electric Company. (See Downs, John P., assignor.)						
North Electric Company. (See North, Charles H., assignor.)						
North, George H., C. S. Smith, and W. F. Brewster, Pocatello, Idaho. Display-rack.....	829,224	Aug. 21	3104	653	123	2509
North, Herbert H., Omaha, and J. Urion, South Omaha, Nebr. Ticket-punch.....	839,410	Dec. 25	4220	903	125	2527
North, John and W. H., Kansas City, Mo. Baling hay and similar materials.....	817,932	Apr. 17	2765	599	121	2078
North, John and W. H., Kansas City, Mo. Baling-press.....	817,984	Apr. 17	2862	620	121	2099
North, Joseph, Lancaster, Ohio. Glass-working machine.....	810,218	Jan. 16	3247	673	120	792
North & Judd Manufacturing Company. (See Anderson, John S., assignor.)						
North & Judd Manufacturing Company. (See Burke, Patrick H., assignor.)						
North & Judd Manufacturing Company. (See Moore, John C., assignor.)						
North & Judd Manufacturing Company. (See Smith, Clarence E., assignor.)						
North & Judd Manufacturing Company. (See Wightman, Elbridge M., assignor.)						
North & Pfeiffer Manufacturing Company. (See Pfeiffer, Christian, assignor.)						
North, Ralph M., Verona, N. J. Brooder.....	834,401	Oct. 30	5044	1068	124	2621
North, Robert B., Soho, England. Speed-indicator.....	827,261	July 31	5268	1092-3	123	1395
North, Thomas M., assignor to Linotype and Machinery Limited, London, England. Trimming mechanism for stereotype-casting machines.....	809,524	Jan. 9	1853	385	120	441
North, Thomas M., assignor to Linotype and Machinery Limited, London, England. Printing-machine.....	815,857	Mar. 20	3811	807	121	935
North, Thomas M., assignor to Linotype and Machinery Limited, London, England. Printing-machine.....	819,307	May 1	551	117	122	127
North, Thomas M., assignor to Linotype and Machinery Limited, London, England. Side-lay apparatus for printing-machines.....	825,408	July 10	1447	303-4	123	394
North, Thomas M., assignor to Linotype and Machinery Limited, London, England. Means for casting stereotype-plates.....	838,741	Dec. 18	2897	623-5	125	2159
North, William H. (See North, John and W. H.)						
Northern Button Machine Company. (See Embler and Diemer, assignors.)						
Northern Electrical Manufacturing Company. (See Mallett, John P., assignor.)						
Northern Electrical Manufacturing Company. (See Morris, Harry W., assignor.)						
Northern Iron Company. (See Bachman, Frank E., assignor.)						
Northrop, Claude S., assignor of four-sixths to C. Hamilton, H. B. Northrop, and F. T. Henry, Denver, Colo. Nozzle-holder.....	829,084	Aug. 21	2795	588	123	2431
Northrop, H. Byrd, <i>et al.</i> (See Northrop, Claude S., assignor.)						
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Shuttle-clearing means for filling-replenishing looms.....	812,516	Feb. 13	2005	440	120	1975
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Self-threading loom-shuttle.....	823,626	June 19	2821	598	122	2448
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Hopper-actuating mechanism for automatic looms.....	823,627	June 19	2823	598	122	2449
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Filling-replenishing loom.....	833,796	Oct. 23	3604	771	124	2221
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Filling-replenishing mechanism for looms.....	834,930	Nov. 6	105	21	125	30
Northrup, Edwin F. (See Leeds and Northrup.)						
Northrup, Edwin F., assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical-resistance pyrometry.....	834,162	Oct. 23	4548	965	124	2454
Northrup, Edwin F., assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical measuring instrument.....	835,461	Nov. 6	1171	253	125	294
Northrup, Elmer C., San Jose, Cal. Box-nailing machine.....	817,509	Apr. 10	1918	404	121	1837
Northrup, Herbert E., <i>et al.</i> (See Palmer and Waterman, assignors.)						
Northrup, R. B., <i>et al.</i> (See Riddle, Edward C., assignor.)						
Northrup, Walter J., Scranton, Pa. Card-holder for freight-cars.....	832,338	Oct. 2	647	123	124	1368
Northwestern Manufacturing Company. (See Lohda, Robert, assignor.)						
Northwestern Storage Battery Company. (See Macmillan, James R., assignor.)						
Norton, Albert M. (See Dellamore and Norton.)						
Norton, Arthur O. (See Trefethen, Ervin T., assignor.)						
Norton, Daniel W., Vincennes, Ind. Window-sash weight.....	824,198	June 26	3892	831	122	2740
Norton, Edwin, New York, N. Y. Doubler for sheet metal.....	821,667	May 29	5379	1147-8	122	1428
Norton, Edwin, New York, N. Y. Mill for rolling sheet metal.....	837,104	Nov. 27	4434	940	125	1227
Norton Electrical Manufacturing Company. (See Norton, Frederick G., assignor.)						
Norton Emery Wheel Company. (See Smith, Clayton O., assignor.)						
Norton, Frederick G., Chicago, Ill., assignor to Norton Electrical Manufacturing Company. Machine for pressing clothing.....	811,241	Jan. 30	5347	1117	120	1321
Norton, Henry B., Minneapolis, Minn. Clothes-line fastener and stretcher.....	839,628	Dec. 25	4661	993	125	2636
Norton, Isaac S., Mangum, Okla. Ter. Top-prop for buggies.....	836,203	Nov. 20	2581	544	125	736
Norton, Leonard M., Northampton, Mass. Convertible extension step-ladder.....	830,485	Sept. 4	1187	247	124	294
Norton, Martin H., Newport, Vt. Knife-holder for veneer-lathes.....	812,078	Feb. 6	1091	239	120	1711
Norton, Orin, Edgartown, Mass. Quahog-rake.....	820,595	May 15	3185	685	122	830
Norton, Sallie I., Washington, D. C. Hat-holder for ladies' dressing-cases.....	814,313	Mar. 6	625	128	121	136
Norton, Samuel T. (See Dellamore and Norton.)						
Norton, Willard I., assignor of two-thirds to H. C. Rice and C. D. Jeremias, Fremont, Ohio. Chance apparatus.....	829,420	Aug. 28	3510	737	123	2654

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Norton, William A., Marshalltown, Iowa. Hot-air drum	815,624	Mar. 20	3293	690	121	825
Norton, William B., Detroit, Mich. Machine for dropping powdered fusible material upon hot glass or metal	831,978	Sept. 25	4199	876	124	1154
Norton, William B., Detroit, Mich. Ornamenting hot glass or metal	839,187	Dec. 25	3782	817	125	2422
Norwalk Iron Works Company. (See Morgan, Henry P., assignor.)						
Norwood, Frederic, Gloucester, Mass. Quick-acting wrench	823,541	June 19	2668	562	122	2415
Norwood, George, Winthrop, assignor of one-third to J. S. Richardson, Boston, Mass. Spool-holding box	820,596	May 15	3186	685	122	831
Norwood, Horace F., Chelsea, Mass. Downdraft-furnace	828,898	Aug. 21	2423	515	123	2335
Norwood, James P., Chicago, Ill. Railway-signal	821,252	May 22	4536	965-6	122	1188
Notkin, Naum, Moscow, Russia. Superheater	816,993	Apr. 3	899	186	121	1558
Notinan, Clarence A., Alliance, Ohio. Attachment for stoves	836,939	Nov. 27	4097	875	125	1144
Nott, Sydney C., Chicago, Ill. Loose-leaf binder	816,734	Apr. 3	356	82	121	1438
Nott, Sydney C., Chicago, Ill., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder	829,225	Aug. 21	3105	653	123	2510
Nottage, Herbert P., Goshen, Mass. Feeding device for poultry	815,625	Mar. 20	3295	690	121	826
Notz, Felix, and J. McBriar, Chicago, Ill.; said McBriar assignor to said Notz. Mixing-machine	831,372	Sept. 18	2960	628-9	124	798
Nourse, William G. (See Bates, Douglass, and Nourse.)						
Novelty Manufacturing Corporation. (See Bargamin, Clifford, assignor.)						
Nowak, Ottokar H., assignor of one-half to E. Smith, Chicago, Ill. Waterproof compound	809,731	Jan. 9	2263		120	530
Noxon, Charles P. L., Syracuse, N. Y. Spark-coil	811,656	Feb. 6	238	51-2	120	1537
Noyer, Enoch M., Albion, Wash. Draft attachment for harrows	828,959	Aug. 21	2531	536-7	123	2362
Noyer, Joseph N., Gould City, Wash. Fire-escape	831,462	Sept. 18	3125	662	124	841
Noyes, Arthur R., Oakland, Cal. Linotype-machine	833,479	Oct. 16	2975	631-2	124	2026
Noyes, Charles H., Decatur, Nebr. Wrench	819,246	May 1	425	89	122	100
Noyes, Charles W., Cincinnati, Ohio, assignor to Hawthorne & Sheble Manufacturing Company, Philadelphia, Pa. Phonograph	836,940	Nov. 27	4098	875	125	1144
Noyes & Company, Joseph P. (See Winans, Thomas J., assignor.)						
Noyes, Edward P. (See Reeve and Noyes.)						
Noyes, Edward P., Winchester, Mass. Thermostatic level-controller	832,620	Oct. 9	1220	245	124	1547
Noyes, Frank G. (See Smith, Willard C., assignor.)						
Noyes, Harry W., New Haven, assignor to J. A. MacLeod, trustee, Orange, Conn. Cork-extractor	824,807	July 3	255	46	123	71
Noyes, Henry F., Waynesboro, Pa. Drill-press	819,372	May 1	689	145	122	157
Noyes, John G. (See Pugsley, William S., assignor.)						
Noyes, Joseph K., executor. (See Winans, Thomas J., assignor.)						
Noyes, Lewis W., Mechanicsville, N. Y. Producing paper for lithographic prints	816,497	Mar. 27	5119	1085	121	1268
Nuernberger, Philip G., and G. Rettig, Jr., Chicago, Ill. Type-casting mold	830,358	Sept. 4	922	191	124	228
Nuessen, Gerhart J., Andale, Kans. Hammock-support	811,166	Jan. 30	5199	1086	120	1288
Nugent, Richard C., assignor to N. P. Fenner, Jr., Cincinnati, Ohio. Loose pulley	817,724	Apr. 10	2300	495	121	1918
Nugent, William W., Chicago, Ill. Lubricating apparatus	825,609	July 10	1900	401	123	505
Nuhring, Charles, Cincinnati, Ohio. Hose-rack	838,207	Dec. 11	1877	402-3	125	1867
Nuhring, Charles, Cincinnati, Ohio. Adjustable hose-rack	838,208	Dec. 11	1880	403	125	1867
Numan, Isaac W., Canton, Ohio. Sheet-metal-corrugating machine	838,568	Dec. 18	2576	557	125	2080
Numan, Isaac W., Canton, Ohio. Corrugating-machine	838,569	Dec. 18	2578	557-8	125	2081
Numan, Isaac W., Canton, Ohio. Sheet-metal-corrugating machine	838,570	Dec. 18	2581	558	125	2081
Numan, Isaac W., Canton, Ohio. Column	838,571	Dec. 18	2583	558	125	2082
Nunamaker, Albert, Cleveland, Ohio. Motor-vehicle	809,525	Jan. 9	1854	385	120	441
Nunamaker, John W., assignor to Nunamaker Manufacturing Company, Chicago, Ill. Recording and computing mechanism	814,158	Mar. 6	303	61-2	121	67
Nunamaker, Joseph M., Canton, Ohio. Baby-jumper	821,116	May 22	4281	911	122	1131
Nunamaker Manufacturing Company. (See Nunamaker, John W., assignor.)						
Nungesser Electric Battery Co. (See Nungesser, Philip P., assignor.)						
Nungesser, Philip P., assignor to Nungesser Electric Battery Co., Cleveland, Ohio. Machine for filling dry batteries	809,526	Jan. 9	1855	385-6	120	441
Nungesser, Philip P., assignor to Nungesser Electric Battery Co., Cleveland, Ohio. Friction-arbor	822,467	June 5	457	92	122	1825
Nungesser, Philip P., assignor to Nungesser Electric Battery Co., Cleveland, Ohio. Carbon-calcining furnace	824,199	June 26	3893	831	122	2741
Nunn, Henry C., Canterbury, W. Va. Guard-rail fastener	814,868	Mar. 13	1737	364	121	437
Nunn, John W., and T. D. Griffin, Granger, Tex. Acetylene-gas generator	829,284	Aug. 21	3226	679	123	2539
Nunning, Frank, Jr., assignor to V. E. Tischer, Cincinnati, Ohio. Weather-strip	839,411	Dec. 25	4221	904	125	2528
Nurian, Kerson, St. Louis, Mo. Arm for supporting wires	839,412	Dec. 25	4222	904	125	2528
Nusbaum, Victor, <i>et al.</i> (See Horazdovsky, Joseph G., assignor.)						
Nussbaum, Josef A., Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Electrodeposition of metals	832,024	Sept. 25	4280		124	1175
Nussbaum, Joseph W., Whitestone, N. Y. Combination-vehicle	821,668	May 29	5381	1148	122	1429
Nussmeier, Charles. (See Bruner, George C., assignor.)						
Nuttall, David W., Bayonne, N. J. Sash-holder	835,978	Nov. 13	2123	456	125	572
Nuttall, David W., Bayonne, N. J. Line-fastener	837,247	Nov. 27	4701	997	125	1293
Nuttall, Elizabeth, Bury, England. Shuttle for looms	838,050	Dec. 11	1535	330	125	1781
Nuttall, James, <i>et al.</i> (See Whitley, Alfred A., assignor.)						
Nutter, Charles P., Malden, Mass. Buckle	826,267	July 17	3197	662	123	841
Nutter, Charles P., Malden, Mass. Check-protector	833,480	Oct. 16	2979	632	124	2027
Nutter, John E., Ferris, Tex. Rocking-chair	834,070	Oct. 23	4342	923	124	2399
Nutting, Charles E., assignor to Draper Company, Hopedale, Mass. Loom-shuttle	811,242	Jan. 30	5350	1117	120	1321
Nutting, Frederick J. (See Baum and Nutting.)						
Nutting, Frederick J., Dayton, Ohio. Machine for making harness-snaps	834,842	Oct. 30	5916	1254-6	124	2843
Ny, Jules A., and F. Meadows, Oakland, Cal. Combined battery and bell	829,122	Aug. 21	2883	605	123	2454
Nya Akkumulator-Aktiebolaget Jungner. (See Jungner, Ernst W., assignor.)						
Nya Aktiebolaget Radiator. (See Holm, Carl L., assignor.)						
Nyce, Burnham K. (See Sherwood, Matthew M., assignor.)						
Nye, Anselm T., Marietta, Ohio. Heating-stove	812,079	Feb. 6	1093	239-40	120	1711
Nye, George E., assignor to L. P. Priested, Chicago, Ill. Interlocking sheet-piling	816,994	Apr. 3	900	186	121	1558
Nye, George E., assignor of one-half to G. A. Kreis, Chicago, Ill. Interlocking metal sheet-piling	832,407	Oct. 2	779	151	124	1400
Nye, George E., assignor of one-half to G. A. Kreis, Chicago, Ill. Interlocking metal sheet-piling	836,987	Nov. 27	4198	893	125	1169
Nye, George W., Hattiesburg, Miss. Draft-frame	836,822	Nov. 27	3848	820	125	1086
Nye, John R., Waterville, Me. Cooking utensil	809,129	Jan. 2	1009	208	120	222
Nye, William E. (See McMullen, Charles P., assignor.)						
Nygaard, Johan O., Christiania, Norway. Attachment to the barrels of firearms	832,695	Oct. 9	1364	276	124	1581
Nyser, John C. F., Hartford, Conn. Photographic-printing-frame attachment	815,206	Mar. 13	2435	508	121	591
Nystrom, Charles A. M., Tacoma, J. H. Beckman, Seattle, Wash., and F. W. Beckman, Portland, Oreg. Device for filling receptacles	832,499	Oct. 2	963	192	124	1444

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Nyswonger, William A., Montrose, Colo. Hoe.....	816,362	Mar. 27	4848	1027	121	1211
O. A. Miller Treering Machine Company. (See Brosnan, Cornelius J., assignor.)						
O. A. Miller Treering Machine Company. (See Hansen, John S., assignor.)						
O. A. Miller Treering Machine Company. (See Miller, Howard O., assignor.)						
O. K. Tool Holder Company. (See Robinson, Pearl H., assignor.)						
O. S. Kelly Western Manufacturing Company. (See Van Tuyt, Thomas, assignor.)						
O'Brien, Harry C., and E. C. Merwin, Athens, Ohio. Apparatus for elevating liquids	814,072	Mar. 6	141	28	121	31
O'Brien, Anthony W., deceased; I. Vreeland, administratrix, Paterson, N. J. Combined cot and crib.	828,001	Aug. 7	628	128	123	1826
O'Brian, Harry R. (See Vanness and O'Brian.)						
O'Brien, Arthur, Chicago, Ill. Flexible pipe.....	809,977	Jan. 16	2738	563	120	687
O'Brien, Denis F., Newark, N. J. Hydrant and valve mechanism for the same and other purposes.	838,509	Dec. 11	2449	533	125	2005
O'Brien, Edward J., et al. (See Lundin, Gustaf L., assignor.)						
O'Brien, Elmer, Alma, Oreg. Butt-hook.....	825,862	July 10	2420	505	123	637
O'Brien, Hugh. (See Williamson and O'Brien.)						
O'Brien, John D., Boston, Mass. Hose-supporter.....	810,077	Jan. 16	2959	617	120	735
O'Brien, John D., St. Louis, Mo. Shingle-machine.....	835,633	Nov. 13	1508	321-2	125	425
O'Brien, John D., St. Louis, Mo., assignor to National Patent Lath and Manufacturing Company, Machine for weaving sheet-lathing.	823,628	June 19	2830	599	122	2450
O'Brien, Patrick K. (See Rudkins, Thomas F., assignor.)						
O'Brien, Peter J., Toledo, Ohio. Glass-blower's dummy.....	818,705	Apr. 24	4324	927	121	2466
O'Brien, Thomas E., Chicago, Ill. Couch-display truck.....	811,657	Feb. 6	240	52	120	1537
O'Brien, Thomas H., Fond du Lac, Wis. Ticket or tag.....	821,526	May 22	5099	1086	122	1311
O'Brien, Thomas H., Fond du Lac, Wis. Ticket or tag.....	827,748	Aug. 7	111	24-5	123	1697
O'Brien, Vincent J., et al. (See Hughes, Edwin T., assignor.)						
O'Brien, William D., Snow Shoe, Pa. Horseshoe.....	826,958	July 24	4605	960	123	1215
O'Brien, William D., Snow Shoe, Pa. Horseshoe.....	826,959	July 24	4607	960	123	1216
O'Brien, William D., Snow Shoe, Pa. Horseshoe.....	826,960	July 24	4608	960	123	1216
O'Brien, William P., Salem, Mass. Railway-switch.....	811,319	Jan. 30	5498	1146	120	1353
O'Bryan, Joseph B., Jr. and O. H. Rudolph, Nashville, Tenn. Machine for measuring and cutting off lengths of fabric.	812,672	Feb. 13	2316	504	120	2035
O'Byrne, William, assignor of one-fourth to M. Reichert, Port Chester, N. Y. Screen.....	821,429	May 22	4930	1048	122	1275
O'Callaghan, Malachi J., et al. (See Bowie, William S., assignor.)						
O'Callaghan, Thomas A. (See Fedden, John H., assignor.)						
O'Connell, James, Mount Sterling, Ky. Shaft tug or support.....	815,730	Mar. 20	3523	740	121	875
O'Connell, Joseph J., assignor to Western Electric Company, Chicago, Ill. Telephone call-register.....	837,951	Dec. 11	1325	290-1	125	1725
O'Connell, Richard, Joliet, Ill. Horseshoe.....	822,468	June 5	458	93	122	1825
O'Connor, Frank, et al. (See White, John M., assignor.)						
O'Connor, James, New York, N. Y. Mechanical piano-player.....	811,082	Jan. 30	5011	1047	120	1249
O'Connor, Jeremiah. (See O'Haire, William J., assignor.)						
O'Connor, John. (See Houlahan, Denis, assignor.)						
O'Connor, John, New York, N. Y. Meat-baster.....	829,993	Sept. 4	159	27	124	39
O'Connor, John F. (See Miner and O'Connor.)						
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Tandem-spring draft-rigging for railway-cars.....	812,867	Feb. 20	2693	594	120	2162
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Draft appliance for railway-cars.....	812,868	Feb. 20	2697	594-5	120	2163
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Tandem spring draft-rigging for railway-cars.....	829,727	Aug. 28	4178	884	123	2817
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars.....	829,728	Aug. 28	4180	885	123	2818
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Railway draft-rigging for fenders, &c.....	829,729	Aug. 28	4182	885	123	2818
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Railway passenger-car draft-rigging.....	829,730	Aug. 28	4184	885	123	2819
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars.....	829,731	Aug. 28	4186	885-6	123	2819
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Combined friction and spring resistance draft-rigging.....	829,994	Sept. 4	160	27	124	39
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging.....	835,248	Nov. 6	753	157	125	190
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars.....	835,249	Nov. 6	755	158	125	191
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Composite metal-and-wood tie for railway-tracks.....	838,572	Dec. 18	2586	559	125	2082
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Composite metal-and-wood tie for railway-tracks.....	838,573	Dec. 18	2588	559	125	2083
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Metallic tie for railway-tracks.....	838,574	Dec. 18	2589	559	125	2083
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Tie for railway-tracks.....	838,575	Dec. 18	2590	559	125	2084
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Antifriction center-bearing for railway-cars.....	838,576	Dec. 18	2593	560	125	2085
O'Connor, Malachi, Oswego, N. Y. Latching mechanism for excavator-dippers.....	809,209	Jan. 2	1156	240	120	254
O'Connor, Patrick W., Lincoln, Nebr. Tire.....	814,560	Mar. 6	1125	234	121	244
O'Connor, Peter M., St. Louis, Mo. Folding view-holder.....	811,658	Feb. 6	242	52	120	1538
O'Connor, Timothy B., Auckland, New Zealand. Attachment for bits and bridles.....	834,843	Oct. 30	5922	1256	124	2845
O'Connor, Victor J., Bend, Oreg. Measuring instrument.....	818,906	Apr. 24	4714	1011	121	2550
O'Connor, William H., Newark, N. J. Lubricating device.....	832,875	Oct. 9	1737	359	124	1671
O'Dell, Stacy B., and H. W. Smiley, Odon, Ind. Non-refillable bottle.....	815,112	Mar. 13	2225	467	121	540
O'Donnell, Alfred J., St. Louis, Mo. Stud or button.....	822,011	May 29	6049	1289	122	1579
O'Donnell, Daniel J. (See Rider and O'Donnell.)						
O'Donnell, Felix, assignor of one-half to S. A. Brown, Pawtucket, R. I. Weft-replenishing mechanism for looms.....	816,364	Mar. 27	4851	1028	121	1212
O'Donnell, Felix, assignor of one-half to S. A. Brown, Pawtucket, R. I. Stop-motion for looms.....	824,737	July 3	71	14	123	22
O'Donnell, Felix, assignor of one-half to S. A. Brown, Pawtucket, R. I. Shuttle-positioning device for looms.....	827,937	Aug. 7	478	99	123	1791
O'Donnell, Felix, assignor of one-half to S. A. Brown, Pawtucket, R. I. Picker-check.....	828,676	Aug. 14	1966	414	123	2188
O'Donnell, James B., Freeland, Pa. Air-brake attachment.....	831,373	Sept. 18	2962	629	124	799
O'Donnell, John H., assignor to Waterbury Wire Die Company, Waterbury, Conn. Diamond-drill.....	810,503	Jan. 23	3889	799	120	971
O'Donnell, John H., assignor to Waterbury Wire Die Company, Waterbury, Conn. Diamond-drill and burnishing-lathe.....	810,504	Jan. 23	3891	799	120	972

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
O'Donnell, Martin J. (See Dugan, Thomas J., assignor.)						
O'Donnell, Michael H., Detroit, Mich. Manhole cover and frame	810,969	Jan. 30	4819	1002	120	1207
O'Donnell, Roger J., et al. (See Mulhearn, Charles, assignor.)						
O'Donnell, William J., Rochester, N. Y. Heat-applying device	815,208	Mar. 13	2437	508	121	591
O'Dowd, Henry W., New York, N. Y. Gas-burner	824,308	June 26	4099	877	122	2784
O'Dowd, Henry W., Peekskill, N. Y. Water-heater	839,629	Dec. 25	4662	993	125	2636
O'Flynn, Geoffrey J., Pelham, N. Y. Screw-propeller	835,313	Nov. 6	876	186	125	222
O'Haire, William J., assignor of one-half to J. O'Connor, Washington, D. C. Submarine boat	814,869	Mar. 13	1738	364	121	437
O'Hara, Frank G. (See Marsh, Elon A., assignor.)						
O'Hare, Anna, and C. B. Weston, Brooklyn, N. Y. Heater	812,869	Feb. 20	2699	595	120	2164
O'Hare, John, et al. (See McCarl, Joseph C., assignor.)						
O'Harra, Isaac G. (See La Duke and O'Harra.)						
O'Hearn, Richard, Monterey, Ky. Metal-working device	820,937	May 15	3896	830-1	122	986
O'Hearn, William J. (See Shaler, Justin B., assignor.)						
O'Hora, Thomas, Avoca, Wis. Hub-nut wrench for vehicles	837,493	Dec. 4	424	96	125	1461
O'Kane, Bartholomew, assignor of one-half to S. Noel, Cincinnati, Ohio. Aerial vessel	820,938	May 15	3897	831	122	986
O'Keefe, Daniel, Denver, Colo., assignor of one-half to G. H. Hutchinson, Las Vegas, N. Mex. Ter. Vehicle	837,952	Dec. 11	1328	291-2	125	1726
O'Keefe, E., et al. (See Knowles, Camden E., assignor.)						
O'Keefe, William H., Lockport, N. Y. Roller-top desk and type-writer stand	824,434	June 26	4376	930-1	122	2839
O'Keefe, Patrick H., Ramornie, South Grafton, New South Wales, Australia. Preserving meat	822,548	June 5	619		122	1863
O'Leary, John, Cohoes, N. Y. Car-fender	833,621	Oct. 16	3260	694	124	2093
O'Leary, Patrick T., New York, N. Y. Bolt-retainer	831,464	Sept. 18	3128	662-3	124	842
O'Leary, William J., and W. Coonan, assignors to W. J. O'Leary & Company, Montreal, Canada. Electric switch	823,073	June 12	1684	348	122	2142
O'Malley, Thomas, McKeesport, Pa. Truss	820,728	May 15	3432	735	122	883
O'Meara, Jeremiah, New York, N. Y. Valve	829,485	Aug. 28	3671	775	123	2695
O'Meara, Jeremiah, New York, N. Y. Valve	829,486	Aug. 28	3672	775	123	2695
O'Neal, James S., Valdosta, Ga. Folding stanchion for lumber-cars	819,585	May 1	1079	237	122	243
O'Neill, James M., St. Louis, Mo. Air-ship	826,052	July 17	2787	577-8	123	743
O'Neill, Benjamin W. (See Coughlin, Joseph D., assignor.)						
O'Neill, Charles J., Washington, D. C. Electric signaling apparatus	832,153	Oct. 2	272	52	124	1279
O'Neill, Ellis I. (See Paxton and O'Neill.)						
O'Neill, Ellis I., and W. N. Taggart, Philadelphia, Pa. Thread-feeding device for circular-knitting machines	818,908	Apr. 24	4717	1012	121	2551
O'Neill, Frank, Detroit, Mich. Jar-closure	818,706	Apr. 24	4326	927	121	2467
O'Neill, John, New York, N. Y. Heating system	828,138	Aug. 7	891	183	123	1890
O'Neill, John, New York, N. Y. Pipe-fitting for hot-water heating systems	832,408	Oct. 2	780	151	124	1400
O'Neill, John, New York, N. Y. Fitting for water-heating systems	837,713	Dec. 4	881	198	125	1573
O'Neill, Richard. (See Bell, Hayden H., assignor.)						
O'Neill, William. (See O'Neill, Willis F., assignor.)						
O'Neill, William, Dohile, Rathkeale, Ireland. Saddle attachment	819,247	May 1	426	89	122	100
O'Neill, William R., Findlay, Ohio. Extensible pitman-rod	810,798	Jan. 23	4453	924	120	1094
O'Neill, Willis F., Waukegan, assignor to W. O'Neill, Lake county, Ill. Wrench	818,909	Apr. 24	4720	1012	121	2552
O'Neil, Charles. (See Saunders and O'Neil.)						
O'Reilley, Philip, and F. G. Freese, Philadelphia, Pa. Extension-tool	821,527	May 22	5100	1087	122	1312
O'Reilly, Anthony J., assignor to Crompton-Thayer Loom Company, Worcester, Mass. Crank-shaft support for looms	809,392	Jan. 9	1600	324	120	385
O'Reilly, Richard, St. Louis, Mo. Postal cabinet	823,630	June 19	2836	600	122	2453
O'Riley, Peter, assignor of one-half to N. A. Perkins, Grand Rapids, Mich. Folding box	811,659	Feb. 6	243	52	120	1538
O'Rourke, Leo D., Woodsfield, Ohio. Sled-runner for baby-carriages	835,287	Nov. 6	820	171	125	208
O'Shea, Jeremiah. (See O'Shea, John J. and J.)						
O'Shea, John J., Chicago, Ill. Furnace	816,248	Mar. 27	4585	976	121	1155
O'Shea, John J. and J., Chicago, Ill. Furnace	811,867	Feb. 6	632	138	120	1619
O'Sullivan, John T. (See Carter and O'Sullivan.)						
Oakdale Manufacturing Company. (See Wolfe, Thomas, assignor.)						
Oakes, Arthur J., Chanute, Kans. Time-controlled valve-actuating mechanism	821,184	May 22	4409	938-9	122	1160
Oakes, Francis J., New York, N. Y. Dyeing leather	837,105	Nov. 27	4435		125	1227
Oakes, William W., assignor of two-thirds to A. E. Braymer, Seattle, Wash. Saw	835,226	Nov. 6	700	144	125	177
Oakley, Reuben A., assignor of one-half to V. Guertin, Montreal, Quebec, Canada. Loose-leaf ledger and binder	835,196	Nov. 6	643	132-3	125	164
Oakley, William E., Millbury, assignor to Worcester Steel Foundry Company, Worcester, Mass. Making rail-bonds	829,931	Aug. 28	4617	972	123	2929
Oakman, Erwin H., Atlanta, Ga. Poultry-house	826,600	July 24	3931	815	123	1045
Oakman, Richard N., New York, N. Y. Apparatus for lighting and extinguishing gas	813,576	Feb. 27	4123	903	120	2532
Oakman, Richard N., New York, N. Y. Apparatus for controlling gas-conduits	813,577	Feb. 27	4124	904	120	2532
Oakman, Richard N., New York, N. Y. Device for igniting and extinguishing gas	830,919	Sept. 11	2051	432	124	546
Oaksford, Bertie. (See Wood and Oaksford.)						
Oakville Company. (See Bryant, Charles A., assignor.)						
Oakville Company. (See Middlebrook, William D., assignor.)						
Oates, George P. (See Packham and Oates.)						
Oates, William A., Los Angeles, Cal. Trolley-catch	838,742	Dec. 18	2900	625	125	2159
Oatway, George H., and C. E. May, London, England. Fire-alarm	823,542	June 19	2669	562	122	2415
Obdyke, Benjamin P. (See Agar, Charles B., assignor.)						
Obear, Bryan, assignor to Montague Compressed Air Company of Missouri, St. Louis, Mo. Valve-operating means for hydraulic pumps	812,444	Feb. 13	1869	411-12	120	1946
Obear, Bryan, assignor to Montague Compressed Air Company of Missouri, St. Louis, Mo. Air-compressor	822,689	June 5	932	189-90	122	1925
Obelhardt, Franz, Fuerth, Germany. Rail-jack and the like	812,080	Feb. 6	1095	240	120	1712
Obenchain, John T., Logansport, Ind. Chemical fire-extinguishing apparatus	826,268	July 17	3199	662-3	123	841
Ober, Alexander, et al. (See Troxler, Gustavus, Jr., assignor.)						
Ober, Edward J., Taylor, assignor of ten-twelfths to C. E. Miller and E. Conrad, Minden, La. Packing for joints	834,992	Nov. 6	224		125	59
Ober, Julius E., Schenectady, N. Y., assignor to General Electric Company. Electric furnace	812,801	Feb. 13	2554	562	120	2086
Ober, Reuben H., Garrettsville, Ohio. Filing box or drawer	809,976	Jan. 16	2736	563	120	686
Oberbayrische Kokswerke und Fabrikchemischer Produkte Aktien-Gesellschaft. (See Ziegler, Martin, assignor.)						
Oberbeck, Ernest, Grand Rapids, Wis. Wood core for veneer rolls	839,189	Dec. 25	3786	817	125	2422
Oberbeck, George, assignor to Eagle Pencil Company, New York, N. Y. Pencil-sharpener	838,508	Dec. 11	2448	533	125	2005
Oberg, Alfred H., Sheridan, Wyo. Holder for nursing-bottles	827,559	July 31	5943	1232	123	1559
Oberg, Gustaf A., Albuquerque, N. Mex. Ter. Explosive toy	826,110	July 17	2914	605	123	775

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Obermaier, Carl F., Yonkers, N. Y. Rubber warming and mixing mill.	827,936	Aug. 7	476	98	123	1791
Obermaier, Otto, Lambrecht, Germany. Apparatus for treating textile fabrics.	815,306	Mar. 13	2624	550	121	631
Obermann, August W., Newcastle, Pa. Culinary vessel.	812,590	Feb. 13	2168	474	120	2098
Obermayer, Joseph L., New York, N. Y. Double cigar-cutter.	835,912	Nov. 13	2015	428	125	548
Obernesser, Robert, Paris, France. Curved fly-remover for spinning-frames.	816,031	Mar. 27	4157	880	121	1064
Oberreit, Paul E., assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making halogenated indigo-white.	835,462	Nov. 6	1175		125	295
Obert, Gustav, Springfield, Ill. Filtering plant.	825,931	July 17	2556	530	123	683
Oberting, Victor, Lawrenceburg, Ind. Fly and other insect escape.	828,048	Aug. 7	718	147	123	1848
Obertop, Earl H., Chicago, Ill. Cylinder-cock.	839,188	Dec. 25	3784	817	125	2422
Obiols, Gustave, Paris, France. Throwing or projecting apparatus.	824,506	June 26	4511	957	122	2872
Ochoa, Victor L., Roseville, N. J., assignor of one-half to B. A. Jackson, New York, N. Y. Pen for fountain-pens.	825,153	July 3	924	196	123	243
Ochs, Jack, Texarkana, Tex. Electric release mechanism.	829,421	Aug. 28	3512	737	123	2655
Ocuppaugh, Charles H., Rochester, N. Y. Double-acting spring door-closer.	831,236	Sept. 18	2687	565	124	728
Ocuppaugh, Edmund, assignor to Defiance Machine Company, Rochester, N. Y. Check-printer.	833,410	Oct. 16	2821	598	124	1990
Oddie, Philip F., London, England. Duplex pump.	818,907	Apr. 24	4715	1011-12	121	2550
Oddie, Philip F., London, England. Multiple-stage-reaction turbine.	822,149	May 29	6320	1344	122	1643
Oddie, Philip F., London, England. Duplex valve-gear.	834,217	Oct. 23	4653	987	124	2480
Odell, Theodore F., Nyack, N. Y. Fireproof sizing.	815,207	Mar. 13	2436		121	591
Odell, Theodore F., Nyack, N. Y. Wall decoration.	815,307	Mar. 13	2627		121	631
Odell, William H., Yonkers, N. Y. Steam-trap.	837,711	Dec. 4	877	197-8	125	1572
Odena, Charlie T. (See Jones and Odena.)						
Odenkirchen, Henry F., assignor of one-third to W. G. Cowell, New Haven, Conn. Box-machine.	829,995	Sept. 4	162	28	124	40
Odenkirchen, Henry F., and W. G. Cowell, New Haven, Conn. Gluing-machine.	834,588	Oct. 30	5384	1142	124	2708
Odenkirk, Harry C., Cleveland, Ohio. Car-wheel.	816,363	Mar. 27	4849	1028	121	1211
Odenkirk, Harry C., Cleveland, Ohio. Switch-stand and connection therefor.	839,413	Dec. 25	4223	904	125	2528
Odio, Louis E. (See Bargiela, Mislosky, Caricchia, and Odio.)						
Odling, Francis J., and W. Jamieson, Melbourne, Victoria, Australia. Wet magnetic ore-separator.	815,113	Mar. 13	2227	468	121	540
Oedbauer, Peter P., Buffalo, N. Y. Metallic bedstead.	808,866	Jan. 2	466	102	120	103
Oehler, Georg, and T. Bauer, Griez, Germany. Apparatus for repairing defects in textile fabrics.	838,890	Dec. 18	3173	683-4	125	2225
Oehle, Emanuel, Omaha, Nebr. Square and level.	820,311	May 8	2613	569	122	645
Oelenschlager, John W. (See Streep and Oelenschlager.)						
Oertel, George, New York, N. Y. Tape-stretcher.	816,032	Mar. 27	4157	880	121	1064
Oesterreich, Albin, Hanover, Germany, assignor to G. Weinbagen, Milwaukee, Wis. Paper-box-making machine.	815,626	Mar. 20	3297	690-1	121	826
Oesterreich, Albin, Hanover, Germany, assignor, by mesne assignments, to F. N. Burt, Buffalo, N. Y. Manufacture of paper boxes.	815,858	Mar. 20	3813	807-8	121	936
Oesterreich, Albin, Hanover, Germany, assignor, by mesne assignments, to F. N. Burt, Buffalo, N. Y. Machine for making necks for paper boxes.	836,399	Nov. 20	2981	632	125	835
Ofeldt, Ernest G., Brooklyn, N. Y. Feed-water regulator.	819,078	May 1	88	20	122	24
Ofeldt, Ernest G., Nyack, N. Y. Spring-tire.	829,996	Sept. 4	165	29	124	40
Offer, William C. (See Cronkrite and Offer.)						
Office Supply Company. (See Watters, William J., assignor.)						
Offertinger, Henry T., assignor to Patent Fin Hot Water Heating Company, Washington, D. C. Portable hot-water radiator.	830,359	Sept. 4	924	192	124	228
Offutt, John W., assignor of one-half to R. T. Brown, Ellwood City, Pa. Razor.	813,232	Feb. 20	3419	753	120	2318
Oftedahl, Einar. (See McKee and Oftedahl.)						
Ogan, William J., Dayton, Ohio. Strainer for air-compressors.	817,797	Apr. 17	2486	532	121	2014
Ogden Cushion Horse Shoe Co. (See Hubbard, Hiram W., assignor.)						
Ogden, John C., Tonopah, Nev. Subsoil-plow.	821,958	May 29	5956	1269	122	1557
Ogden, Percy. (See Sloan, Barnes, and Ogden.)						
Ogden, William W., Chatham, and W. C. Yelton, assignors to J. M. Quinby & Co., Newark, N. J. Vehicle-body.	818,846	Apr. 24	4611	989	121	2528
Ogg, George F., et al. (See McGuire, John W., assignor.)						
Ogg, John P., Rillton, assignor of one-third to Kay Totten & Winter, Pittsburg, Pa. Tong.	828,625	Aug. 14	1874	394	123	2166
Ogilvie, Glencairn S., Woodbridge, England. Wheel for road-vehicles.	831,979	Sept. 25	4202	877	124	1155
Ogilvy, David J., Cincinnati, Ohio. Producing carbonaceous pigments.	813,911	Feb. 27	4776		120	2672
Ogle, Elmer L., assignor to Peru Electric Manufacturing Company, Peru, Ind. Electric safety-fuse.	809,978	Jan. 16	2739	564	120	687
Ohashi, Hydesaburo, New York, N. Y. Collar.	837,248	Nov. 27	4702	997	125	1293
Ohio Brass Company. (See Sturdevant, Charles R., assignor.)						
Ohio Ceramic Engineering Company. (See Reader, Henry A., assignor.)						
Ohio Implement Company. (See Harter, George E., assignor.)						
Ohio Manufacturing Company. (See Kouns, Moses W., assignor.)						
Ohio Manufacturing Company. (See Morton, Samuel S., assignor.)						
Ohio Pump and Brass Company. (See Wilkins, Charles L., assignor.)						
Ohio Rake Company. (See Lathrop, Frank K., assignor.)						
Ohio Steel Wheelbarrow Company. (See Cooper, Frank J., assignor.)						
Ohio Varnish Company. (See Clapp, Ford M., assignor.)						
Ohio Varnish Company. (See Cooke and Bates, assignors.)						
Ohl, George, assignor to International Silver Co., Meriden, Conn. Match-box.	829,598	Aug. 28	3910	828	123	2755
Ohl, George A., Jr., and A. A. Berghof, Newark, N. J., assignors to George A. Ohl & Co. Metal-bending machine.	829,597	Aug. 28	3906	827-8	123	2753
Ohlson, Olof, Newton, assignor to American Waltham Watch Company, Waltham, Mass. Watch-regulator.	818,043	Apr. 17	2985	645	121	2125
Ohlson, Olof, Newton, assignor to American Waltham Watch Company, Waltham, Mass. Spring-winding mechanism.	835,710	Nov. 13	1637	348	125	456
Ohman, Adolph H., Saginaw Mich. Lawn-rake.	831,181	Sept. 18	2589	546	124	704
Ohmer Fare Register Company. (See Ohmer, John F., assignor.)						
Ohmer, John F., Dayton, Ohio, assignor to Ohmer Fare Register Co., Rochester, N. Y. Fare-recorder.	813,017	Feb. 20	2986	658	120	2226
Ohmer, John F., Dayton, Ohio, assignor to Ohmer Fare Register Company, Rochester, N. Y. Ticket punch or perforator.	819,917	May 8	1752	377	122	455
Ohmer, John F., Dayton, Ohio, assignor to Ohmer Fare Register Co., Rochester, N. Y. Duplex railway-ticket.	827,990	Aug. 7	594	121	123	1818
Ohmer, John F., Dayton, Ohio, assignor to Ohmer Fare Register Co., Rochester, N. Y. Transportation-ticket.	836,275	Nov. 20	2739	582	125	779
Ohmer, Wilfred I., Dayton, Ohio, J. W. Hill, Providence, R. I., D. B. Whistler and J. E. McAllister, assignors to Recording and Computing Machines Company, Dayton, Ohio. Fare register and recorder.	839,630	Dec. 25	4663	993-1000	125	2636

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Diag.	Vol.	Page.
Ohmes, Henry, Lincoln, Ill. Fence-wire stretcher and roller	831,463	Sept. 18	3126	662	124	842
Ohnemus, Matthew C., South Bend, Ind. Fabric-roll protector	825,239	July 3	1092	231	123	285
Ohnesorge, Wilhelm, Wilmersdorf, near Berlin, Germany. Telephone system	824,376	June 26	4243	904	122	2813
Oil City Gas Engine Starter Company. (See Bromley, John L., assignor.)						
Oil Well Supply Company. (See Fanton, Chester W., assignor.)						
Oil Well Supply Company. (See Sands, Louis C., assignor.)						
Oil Well Supply Company. (See Tonkin, John J., assignor.)						
Oium, Thomas N., Lisbon, N. D. Potato-digger	812,673	Feb. 13	2318	504-5	120	2036
Okey, George B., assignor to Acme Burial Vault Company, Indianapolis, Ind. Cement burial-vault	821,185	May 22	4412	939-40	122	1161
Okrassa, Roberto F. E., Antigua, Guatemala. Washing and scouring machine	823,434	June 12	2419	509-10	122	2302
Okun, Moses S., New York, N. Y. Rotary engine and motor	813,018	Feb. 20	2990	659	120	2227
Olberding, Anthony G., assignor to Columbia Foundry Company, Cincinnati, Ohio. Brake-shoe	835,463	Nov. 6	1176	253	125	295
Olbrieh, Henry E., assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Top and cover for cisterns, &c.	830,920	Sept. 11	2052	432	124	546
Olcott, Frank E., Waterbury, Conn. Handcuff	827,385	July 31	5503	1144	123	1452
Old, Ausborn F., Montclair, N. J., and E. G. Budd, assignors to Hale-Kilburn Metal Company, Philadelphia, Pa. Seat-frame	825,751	July 10	2228	464	123	589
Old Hickory Chair Company. (See Staley, Harrison L., assignor.)						
Oldacre, Charles E., Philadelphia, Pa. Hot-air furnace	826,441	July 17	3524	734	123	922
Oldenburg, Franz G., Altona, Germany. Punching-machine	836,700	Nov. 27	3599	767	125	1018
Oldendorph, Henry, Belleville, Ill. Plow	837,494	Dec. 4	427	96	125	1462
Oldfield, John F., Baltimore, Md. Dry-kiln	829,732	Aug. 28	4187	886	123	2820
Oldfield, John F., Baltimore, Md. Steam-pipe system for heating dry-kilns	837,712	Dec. 4	880	198	125	1573
Oldfield, Tom, and J. A. Schofield, Halifax, England. Resilient wheel	838,803	Dec. 18	3031	653-4	125	2191
Oldham, Alfred V. (See Williamson and Oldham.)						
Oldham, Carrick P., assignor of one-third to G. D. Mitchell, Newton, Kans. Sewing-machine tucker	823,072	June 12	1683	348	122	2142
Oldham, Joshua, New York, N. Y. Saw	836,988	Nov. 27	4200	893	125	1169
Oldham, Samuel, Philadelphia, Pa. Hose-coupling	815,627	Mar. 20	3302	692	121	827
Olds, David E., Newark, N. J. Metal tie and rail fastener	823,629	June 19	2835	599-600	122	2452
Olds Gasoline Engine Works. (See McNutt, John F., assignor.)						
Olds Gasoline Engine Works. (See Teel, Henry C., assignor.)						
Olds, Gorham L. (See Payne, John W., assignor.)						
Olds Motor Works. (See Coffin, Howard E., assignor.)						
Olds Motor Works. (See Harrington, Norman T., assignor.)						
Olds Motor Works <i>et al.</i> (See Woodward, Charles E. W., assignor.)						
Oler, James C., A. Fugal, and J. J. Hayes, Pleasant Grove, Utah. Speed-regulator	818,281	Apr. 17	3455	743-4	121	2225
Oliak, Josef. (See Hartmann, Frantisek, assignor.)						
Oldort, Moses, New York, N. Y. Crown-protector for hats	813,019	Feb. 20	2994	659	120	2228
Olin, Fred C., Buffalo, N. Y. Valve for gas and similar engines	835,634	Nov. 13	1510	322-3	125	426
Oliver, Andrew J., Chicago, Ill. Screw-jack	825,752	July 10	2229	464	123	589
Oliver Chilled Plow Works. (See Oliver, James, assignor.)						
Oliver, Ellis S., Newark, N. J. Horn-support for talking-machines	816,178	Mar. 27	4458	944	121	1128
Oliver, Ellis S., Newark, N. J., assignor to Hawthorne & Sheble Manufacturing Co., Philadelphia, Pa. Horn-support for talking-machines	835,314	Nov. 6	877	186	125	222
Oliver, Francis M., and C. B. Westcott, Savannah, Ga. Decoy-duck	836,823	Nov. 27	3850	821	125	1086
Oliver, Frank D., <i>et al.</i> (See Howarth and McKinlay, assignors.)						
Oliver, Frederick, Portsmouth, Va. Oil-press	836,701	Nov. 27	3600	767-8	125	1019
Oliver, Frederick, Portsmouth, Va. Press	836,776	Nov. 27	3755	800	125	1060
Oliver, Frederick M., Pendleton, Oreg. Apparatus for use in hospitals, sick-rooms, and like places	812,358	Feb. 13	1696	373	120	1912
Oliver, George A., Gardiner, Me. Balanced compensating pipe-joint	836,989	Nov. 27	4202	894	125	1169
Oliver, George T. (See Chambers, James A., assignor.)						
Oliver, James, assignor to Oliver Chilled Plow Works, South Bend, Ind. Mold	822,978	June 12	1481	308	122	2098
Oliver, John S., and C. J. Thomas, Baltimore, Md. Combination-rack	812,081	Feb. 6	1096	240	120	1712
Oliver, Joseph L. (See Sartain, Louis M., assignor.)						
Oliver, Joseph W., Warrensville, Pa. Churn-power	838,577	Dec. 18	2595	560	125	2085
Oliver, Louis, Twin Falls, Idaho. Water-meter	825,863	July 10	2422	505	123	637
Oliver Manufacturing Company. (See Oliver, William B., assignor.)						
Oliver Typewriter Company. (See Anderson, Alonzo A., assignor.)						
Oliver Typewriter Company. (See Cross, Harry, assignor.)						
Oliver Typewriter Company. (See Cross and Griffiths, assignors.)						
Oliver Typewriter Company. (See Griffiths and Ingersoll, assignors.)						
Oliver Typewriter Company. (See Horr, Stephen, assignor.)						
Oliver Typewriter Company. (See Ingersoll, Emmet M., assignor.)						
Oliver Typewriter Company. (See Persson, Gustaf, assignor.)						
Oliver Typewriter Company. (See Poole, Charles C., assignor.)						
Oliver Typewriter Company. (See Roderick, Charles, assignor.)						
Oliver Typewriter Company. (See Shepard, Frank P., assignor.)						
Oliver, Walton F., assignor to E. L. Thompson, Baldwinsville, Mass. Child's chair	822,383	June 5	302	62	122	1791
Oliver, William B., Baltimore, Md., assignor to Oliver Manufacturing Company, Philadelphia, Pa. Telephone-support	826,686	July 24	4088	848-9	123	1087
Oliver, William F., Oakland, Cal. Wicket	812,948	Feb. 20	2856	630	120	2200
Oliver, Maurice G., assignor to Société Française de la Viscose, Paris, France. Self-fixing protective covering for bottles, jars, or other vessels	823,355	June 12	2280	477	122	2274
Oliver, Maurice G., assignor to Société Française de la Viscose, Paris, France. Product obtained from cellulose and its manufacture	826,351	July 17	3359		123	881
Ollendorff, Arthur, Breslau, Germany. Manufacture of plates for artificial teeth	829,997	Sept. 4	166	29	124	41
Ollendorff, Gerhard. (See Andresen, Magerstedt, and Ollendorff.)						
Ollrich, John F., San Francisco, Cal. Cutter-head for suction-dredges	833,797	Oct. 23	3612	771-2	124	2222
Olsen, Gustave A., Providence, R. I. Attachment for faucets	812,082	Feb. 6	1098	241	120	1712
Olmsstead, Albert P., Watervliet, assignor to L. A. Michael, trustee, Troy, N. Y. Ice-cream dipper	819,373	May 1	691	145	122	157
Olmsstead, Daniel P. (See Kliemandt, Robert, assignor.)						
Olmssted, Albert H., Rochester, N. Y. Spool or reel	821,117	May 22	4282	911	122	1131
Olmssted, Leverett H., Hackensack, N. J. Grinding apparatus	813,167	Feb. 20	3294	724	120	2293
Olmssted, Lewis G., Peru, Ill. Floor, wall, or ceiling plate	835,635	Nov. 13	1513	323	125	426
Olney, Alonzo S., Oakland, Cal. Portable fire-escape	838,891	Dec. 18	3176	684-6	125	2226
Olney, Ralph E. (See Ayer, Hole, and Olney.)						
Olsby, Carl H., Valley City, N. D. Artificial fish-bait	821,732	May 29	5523	1178	122	1460
Olsen, Halvor M., assignor to American Electric Telephone Company, Chicago, Ill. Annunciator	811,083	Jan. 30	5013	1047	120	1249
Olsen, Hans P., Chicago, Ill. Milk-clarifier	833,540	Oct. 16	3088	655	124	2051
Olsen, Jens, Portland, Oreg. Fastener for paint-cans	829,169	Aug. 21	3006	627	123	2485

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Olsen, Ole C., Waseca, Minn. Cap.	837,495	Dec. 4	428	97	125	1463
Olsen, Ole H., Rock Rapids, Iowa. Machine for molding building-blocks.	835,140	Nov. 6	542	110-11	125	138
Olsen, Ole M. J., and W. Gates, Parramatta, New South Wales, Australia. Regulator for gas-lamps.	811,084	Jan. 30	5016	1048	120	1250
Olsen, Peter M., and T. E. Torgersen, Brooklyn, N. Y. Plumb device for surveyors' instruments.	835,711	Nov. 13	1639	349	125	456
Olsen, Reinert, San Francisco, Cal. Jury-rudder.	835,800	Nov. 13	1816	384	125	502
Olsen & Tilgner Manufacturing Company. (See Tilgner, Gustav, assignor.)						
Olsen, Tinius, Philadelphia, Pa. Testing-machine.	819,584	May 1	1076	236-7	122	242
Olson, Andrew, assignor of one-half to E. E. Erickson and J. G. Hornwall, Corliss, Wis. Fabric-cleaning machine.	831,294	Sept. 18	2818	594-5	124	763
Olson, Andrew P. (See Simm and Olson.)						
Olson, Andrew P., Chicago, Ill. Brace-bar for folding frames.	835,250	Nov. 6	756	158	125	191
Olson, August, Philadelphia, Pa., and L. W. G. Flynt, assignors to Q. W. and I. E. Booth, Rochester, N. Y. Shoe-machine.	826,352	July 17	3360	695-6	123	881
Olson, Carrie, administratrix. (See Olson, Oscar J.)						
Olson, Charles, assignor to United States Patent Brokerage Company, Des Moines, Iowa. Spring-hinge.	834,635	Oct. 20	5492	1166	124	2736
Olson, Charles J., assignor of one-half to S. Goldstein, Chicago, Ill. Box-joint.	828,960	Aug. 21	2532	537	123	2363
Olson, Ezra B., Cross Fork, Pa. Saw-handle.	836,456	Nov. 20	3104	658	125	864
Olson, Gustav A., Albert Lea, Minn. Compression-pulley for hay-sling carriers.	827,031	July 24	4743	990	123	1243
Olson, Gustav A., Albert Lea, Minn. Twine holder and cutter.	833,237	Oct. 16	2470	517	124	1901
Olson, Hans O., Two Harbors, Minn. Nozzle for locomotives.	824,039	June 19	3606	768	122	2619
Olson, Israel. (See Gylfe and Olson.)						
Olson, John N., Butte, Mont. Rifle-sight.	817,331	Apr. 10	1548	326	121	1758
Olson, Olof, Bancroft, Iowa. Post-retaining band.	817,332	Apr. 10	1550	326	121	1753
Olson, Oscar J., deceased, Duluth, Minn.; C. Olson, administratrix. Power-shovel.	826,051	July 17	2785	577	123	742
Olson, William, Mount Vernon, N. Y. Vibrator for massage treatment.	816,365	Mar. 27	4854	1029	121	1212
Olsson, Henry A., New York, N. Y. Bottle-closure.	830,735	Sept. 11	1736	358	124	468
Olsson, Henry A., assignor to himself, A. and E. Williamson, New York, N. Y. Bottle-closure. (Reissue.)	12,529	Sept. 4	1194	249	124	295
Olsson, Hjalmar G. (See Gustafson and Olsson.)						
Olt, Philip S., Pekin, Ill. Duck-call.	825,610	July 10	1903	401	123	506
Omalia, Mathew, assignor of three-fifths to Casey Bros., Scranton, Pa. Nut-lock.	812,591	Feb. 13	2170	475	120	2008
Omega Separator Company. (See Hartmann, William C., assignor.)						
Omick, William K., Detroit, Mich., assignor to Magann Air Brake Company, Limited, Toronto, Canada. Valve.	834,071	Oct. 23	4344	923	124	2400
Onderdonk, John R., Baltimore, Md. Metal brake-beam.	822,072	May 29	6172	1316	122	1608
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Seam for sewed articles.	811,789	Feb. 6	484	104-5	120	1589
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Seam for sewed articles.	811,790	Feb. 6	484	105	120	1589
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Overseaming-machine.	829,349	Aug. 21	3363	708-9	123	2573
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Edge-finishing machine.	829,350	Aug. 21	3366	709-10	123	2574
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Co., Chicago, Ill. Looper-operating mechanism for sewing-machines.	839,075	Dec. 18	3514	759-60	125	2309
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Co., Chicago, Ill. Feeding mechanism for sewing-machines.	839,076	Dec. 18	3516	760	125	2309
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Co., Chicago, Ill. Chain-stitch sewing-machine.	839,077	Dec. 18	3517	761	125	2310
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Co., Chicago, Ill. Sewing-machine.	839,078	Dec. 18	3520	762	125	2311
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Take-up for sewing-machines.	827,652	July 31	6134	1274-5	123	1610
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Take-up for sewing-machines.	827,653	July 31	6136	1275	123	1611
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Take-up for sewing-machines.	827,654	July 31	6138	1275	123	1611
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Take-up mechanism for sewing-machines.	827,655	July 31	6139	1275	123	1612
Onderdonk, Lansing, New York, N. Y., and R. G. Woodward, Waukegan, assignors to Union Special Sewing Machine Co., Chicago, Ill. Overseaming-machine.	837,106	Nov. 27	4436	940-1	125	1228
Oneal, Gus W., and J. B. Pearson, assignors of one-third to A. S. Nisler, Plumerville, Ark. Tool.	832,804	Oct. 9	1590	326	124	1633
Ong, Nathaniel M., York, Pa. Sounding-board bridge.	824,040	June 19	3608	768	122	2619
Ongley, Charles E., New York, N. Y. Pipe.	815,318	Mar. 13	2651	554	121	636
Ongley, Charles E., assignor of three-fourths to G. S. Terry and E. L. Ongley, New York, N. Y. Button-sewing attachment for sewing-machines.	816,815	Apr. 3	521	113	121	1473
Ongley, Ella L., et al. (See Ongley, Charles E., assignor.)						
Ontario Drill Company. (See Collins, Franklin C., assignor.)						
Ontario Fruit Package Company. (See Little, Henry O., assignor.)						
Opalla, Arthur, Chicago, Ill. Loose-leaf binder.	820,248	May 8	2499	540	122	620
Opitz, Joseph, New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Terminal-connector.	822,469	June 5	460	93	122	1825
Oppenheim, Sarah, New York, N. Y. Blouse.	829,226	Aug. 21	3109	654	123	2511
Oppenheimer, William, Ewell, England. Treatment of tar for the manufacture of pitch and recovery of light oils.	827,113	July 31	4940	1031	123	1310
Oppenheimer, William, Ewell, England. Liquid suitable as a solvent and as a combustible for internal-combustion engines and making the same.	832,409	Oct. 2	781	.....	124	1400
Oppel, John M., Gresham, Neb. Seeding device.	835,979	Nov. 13	2124	456	125	572
Oppermann, Emil L., assignor to X Electric Accumulator Company, Limited, London, England. Secondary battery.	815,628	Mar. 20	3303	.....	121	827
Oppermann, Erich, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Treating organic substances in presence of vanadium compounds.	823,435	June 12	2420	.....	122	2302
Optenberg, John H., Sheboygan, Wis. Gasket-removing tool.	824,377	June 26	4248	905	122	2814
Optenberg, John H., assignor to Syphonice Measure Tank Company, Sheboygan, Wis. Liquid-measuring appliance.	836,941	Nov. 27	4102	876	125	1146
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Brauburger, Ernst, assignor.)						
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Jacob, Heinrich, assignor.)						
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Neumayer, Edmund, assignor.)						
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Neumayer and Jacob, assignors.)						
Oran, William L., Kingston, Tenn. Harrow.	811,575	Feb. 6	82	16	120	1503

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Orange, George J., Manchester, England. Receptacle or holder for compositions in stick form.	824,137	June 26	3768	804	122	2713
Orchard, Frederick W., Minneapolis, Minn. Shade-cloth trimmer.	816,247	Mar. 27	4583	975	121	1154
Orchard, Harry D. (See Mercer and Orchard.)						
Orcutt, David W., Painted Post, N. Y. Spoke-socket.	837,581	Dec. 4	601	140	125	1503
Orcutt, Robert L., and J. W. Wilson, St. Louis, Mo. Apparatus for cleaning walls and removing old wall-paper therefrom.	837,877	Dec. 4	1183	262	125	1648
Ordish, Francis W. (See Broadhead and Ordish.)						
Ordinance Improvement Company. (See Gerdorn, Gregory, assignor.)						
Ordway, Albert H., South Framingham, assignor to Framingham Chair Company, Framingham, Mass. Base-rocker.	821,055	May 22	4162	885	122	1105
Ordway, Charles, New York, N. Y. Film-evaporating heating-coil.	837,582	Dec. 4	602	140	125	1504
Ordway, Frank L., assignor to Parker Brothers, Incorporated, Salem, Mass. Card game.	837,878	Dec. 4	1184	262	125	1648
Oren, Tobias A. K., Borup, Minn. Display-reel.	834,318	Oct. 30	4870	1030	124	2578
Orewiler, Benjamin F., Chicago, Ill. Garment-supporter.	809,210	Jan. 2	1158	240	120	255
Organ, George E., Tomah, Wis. Attachment for barbers' chairs.	819,248	May 1	426	90	122	100
Organ Power Company. (See Spencer, Ira H., assignor.)						
Orgeich, Joseph. (See Christen, Orgeich, and Born.)						
Original Musikwerke Paul Lochmann Gesellschaft mit beschränkter Haftung. (See Lochmann, Fritz and W., assignors.)						
Orkin, Jacob I., assignor of one-half to J. Isaacs, Boston, Mass. Apparatus for cleaning oil-waste.	838,640	Dec. 18	2721	583	125	2115
Orkin, Jacob I., assignor to Boston Garbage Can Company, Boston, Mass. Garbage-receptacle and cover.	838,804	Dec. 18	3032	654	125	2191
Ormerod, Benjamin, New Bedford, Mass. Bottle.	831,237	Sept. 18	2689	565	124	728
Ormiston, Cyrus D., assignor of one-half to J. Peterson, Lockport, N. Y. Pulp-molding machine.	827,815	Aug. 7	254	51-2	123	1734
Ormiston, Joseph F., Colusa, Cal. Acetylene-gas generator.	835,913	Nov. 13	2017	429	125	548
Ormondroyd, Seth, and J. F. White, Bradford, assignors to J. Cooper, Ilkley, England. Wool-combing machine, gill-box, &c.	818,707	Apr. 24	4327	928	121	2467
Ormsby, John W., Milwaukee, Wis. Tent.	833,411	Oct. 16	2823	598-9	124	1990
Ormsby, John W., Milwaukee, Wis. Crimping device for starched laundried goods.	833,412	Oct. 16	2827	599	124	1991
Ormsby, John W., Milwaukee, Wis. Seam-ripping device.	833,413	Oct. 16	2828	599	124	1991
Ornstein, Max. (See Wetzler and Ornstein.)						
Orr, Francis L., Thurman, Iowa. Means for transmitting electrical impulses.	830,921	Sept. 11	2052	432	124	546
Orr, Francis L., Thurman, assignor of one-half to M. Morrow, Percival, Iowa. Starting means for gas or similar engines.	809,211	Jan. 2	1161	240	120	256
Orr, Francis L., Thurman, Iowa, assignor to Orr Gas Engine Starter Company, Omaha, Nebr. Engine-starter.	837,953	Dec. 11	1331	292	125	1726
Orr Gas Engine Starter Company. (See Orr, Francis L., assignor.)						
Orr, Herbert P., assignor to V. M. Braschi, Mexico, Mexico. Apparatus for forming articles of plastic material.	826,442	July 17	3527	734	123	923
Orr, Joseph L., Lynchburg, Va. Twine holder and take-up.	834,019	Oct. 23	4236	898	124	2375
Orr, Robert. (See Kent and Orr.)						
Orr, William B., and W. J. McGee, Montgomery, Ala. Lifting-jack and car-wheel holder.	821,823	May 29	5704	1215	122	1503
Orrick, Charles F., Mount Vernon, Ill. Merry-go-round.	839,631	Dec. 25	4685	1000	125	2640
Orrman, Hjalmar L., Dayton, Ohio. Centrifugal sieving apparatus.	817,333	Apr. 10	1551	326-7	121	1758
Orteig, Jean, Phoenix, Ariz. Ter. Horse-detacher.	819,308	May 1	552	118	122	127
Ortell, Bertha, Newark, N. J. Garment-supporter.	810,505	Jan. 23	3893	799-800	120	972
Orth, Franklin. (See Ryder and Orth.)						
Orth, Ludwig von, Berlin, assignor to Deutsche Schiffs Feuerlöschgesellschaft mit Beschränkter Haftung, Bremen, Germany. Appliance for storage vessels for liquid gases.	830,248	Sept. 4	705	142	124	178
Ortlieb, John M., Newark, N. J. Die for harness-loops.	825,932	July 17	2560	531	123	684
Orton, Frank B. (See Crouse and Orton.)						
Ortmann, George M., Pender, Nebr. Blast-regulator for fanning-mills and thresher-fans.	826,869	July 24	4447	925	123	1175
Ortmann, John H. W., and C. W. Herbst, Hamburg, Germany. Bottling-machine.	827,262	July 31	5270	1093	123	1395
Orum, Paul P., Aarhus, Denmark. Shutter-fastener.	830,672	Sept. 11	1587	327	124	426
Orwig, Thomas G. (See Chesnutt, John L., assignor.)						
Orýwall, Paul, Paderborn, Germany. Reservoir-pen.	809,319	Jan. 9	1432	289	120	349
Osborn, David L., assignor of one-half to E. T. Brigham and E. F. Jones, Kansas City, Mo. Umbrella.	824,378	June 26	4249	905	122	2814
Osborn, Francis C., Detroit, Mich., assignor, by mesne assignments, to National Cash Register Company, Jersey City, N. J. Cash-register.	817,725	Apr. 10	2301	496-7	121	1919
Osborn, Francis C., Detroit, Mich., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.	824,881	July 3	406	78	123	111
Osborn, Francis C., Detroit, Mich., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Check-printing cash-register.	831,626	Sept. 25	3465	728	124	964
Osborn, Francis C., Detroit, Mich., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Check or ticket printing machine.	832,271	Oct. 2	516	98	124	1338
Osborn, Henry P., New York, N. Y. Brush construction.	832,805	Oct. 9	1591	326	124	1634
Osborn, Howard, Chicago, Ill., assignor to Time Marking Machine Company. Separating mechanism for mail-marking machines.	825,476	July 10	1614	336	123	438
Osborn, Josiah, Montrose, Colo. Fruit-box press.	837,497	Dec. 4	431	97	125	1463
Osborn Manufacturing Company. (See Nielson, Henry, assignor.)						
Osborne, Anna, Santa Ana, Cal. Device for nourishing and strengthening the growth of trees.	831,678	Sept. 25	3605	756	124	1005
Osborne, John H., Anderson, Ind. Cheese-cutter.	835,315	Nov. 6	880	187	125	223
Osborne, John H., Anderson, Ind. Computing cheese-cutter.	835,316	Nov. 6	883	187	125	224
Osborne, John H., Anderson, Ind. Spring-scale.	837,496	Dec. 4	430	97	125	1463
Osborne, Vivian, assignor of two-thirds to J. J. and S. F. Connolly, London, England. Measuring instrument.	812,674	Feb. 13	2319	505	120	2036
Osborne, Wilbur F., Derby, Conn. Buckle.	818,780	Apr. 24	4483	960	121	2501
Osbourne, Millard P. (See Schofield and Osbourne.)						
Osburn, Harry G., Hoboken, N. J. Rubber wheel-tire.	827,938	Aug. 7	480	99	123	1791
Oscanyan, Paul C., Newark, N. J., assignor of one-half to Adams Bagnall Electric Company, Cleveland, Ohio, and G. A. Thomson, Somerville, N. J. Elastic-fluid turbine.	810,667	Jan. 23	4203	869	120	1039
Oscar Lear Automobile Company. (See Frayer and Miller, assignors.)						
Osel, Kistel, St. Paul, Minn. Sliding hinged grain-door.	810,557	Jan. 23	3998	823-4	120	994
Osgood, Beman F., et al. (See Kiner, Nelson, assignor.)						
Osgood, Ernest J., Oakland, Cal. Inkstand.	811,430	Jan. 30	5705	1194	120	1369
Osgood, Ernest J., assignor of one-half to J. L. Howard, Jr., Oakland, Cal. Surgical instrument.	836,603	Nov. 20	3361	717	125	927
Osgood, Frederick M., Manchester, N. H. Non-refillable bottle.	809,212	Jan. 2	1164	241	120	256

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Osgood, Frederick M., Manchester, N. H. Means for sealing bottles	809,213	Jan. 2	1166	241	120	256
Osgood, Horatio B., Jr., Binghamton, assignor to F. W. Geissenhainer, Jr., New York, N. Y. Scale	839,025	Dec. 18	3415	737-8	125	2284
Osgood, Howard L., <i>et al.</i> (See McNeal, Luther C., assignor.)						
Osgood, Isaac G., <i>et al.</i> (See Kiner, Nelson, assignor.)						
Osius, Frederick C. C. T. A., Muskegon, Mich. Dental filling	819,249	May 1	427	90	122	100
Oskamp, Alfred, Wyoming, assignor to Kisinger-Ison Co., Cincinnati, Ohio. Wire-coupling	834,844	Oct. 30	5925	1257	124	2845
Oslund, Charles H., assignor to American Steel & Wire Company of New Jersey, Worcester, Mass. Compressor for rail-bonds	823,356	June 12	2280	477	122	2274
Oslund, Charles H., assignor to American Steel & Wire Company, Worcester, Mass. Multiple drill	832,696	Oct. 9	1366	276	124	1581
Osmondson, Osmond A., Richmond, Va. Bill file and cabinet	809,006	Jan. 2	760	164-5	120	167
Osoling, Adolph A., assignor to O. Mietens, St. Petersburg, Russia. Compressed-air railway-train brake	838,442	Dec. 11	2328	505	125	1976
Ostberg, Alfred E. (See Willson and Ostberg.)						
Ostberg, Erick. (See Willson and Ostberg.)						
Osten, James H., assignor of two-thirds to R. G. Osten and J. Walker, White City, Kans. Road scraper and grader	822,902	June 5	1332	275-6	122	2017
Osten, Robert G., <i>et al.</i> (See Osten, James H., assignor.)						
Ostendorf, William, Union Hill, N. J. Water-cooling apparatus	836,702	Nov. 27	3602	768	125	1019
Oster, Herman W., assignor to Oster Manufacturing Company, Cleveland, Ohio. Machine for cutting dies for die-stocks	809,007	Jan. 2	764	165	120	168
Oster, Herman W., assignor to Oster Manufacturing Company, Cleveland, Ohio. Die-stock	812,870	Feb. 20	2700	595	120	2164
Oster, Herman W., Cleveland, Ohio, assignor to Oster Manufacturing Company. Gearing for thread-cutting machines	818,114	Apr. 17	3123	672	121	2154
Oster, Herman W., assignor to Oster Manufacturing Company, Cleveland, Ohio. Die-stock	827,656	July 31	6140	1276	123	1612
Oster, Herman W., assignor to Oster Manufacturing Company, Cleveland, Ohio. Die-cutter	832,076	Oct. 2	92	21	124	1234
Oster Manufacturing Company. (See Oster, Herman W., assignor.)						
Osterholt, John. (See Baney and Osterholt.)						
Osterhoudt, Rodney B., Kingston, N. Y. Hair-retaining device	827,386	July 31	5506	1144	123	1453
Osterhout, Garret B., New York, N. Y. Single-trigger mechanism for guns	813,513	Feb. 27	3995	876	120	2502
Osterhout, Garret B., New York, N. Y. Single-trigger mechanism for guns	821,118	May 22	4284	911-13	122	1131
Osterman, Louis H. (See Morrison, Vaughn, assignor.)						
Osterwell, David, Newark, N. J. Garment-hanger for wardrobes, trunks, or the like	839,414	Dec. 25	4226	904-5	125	2529
Ostlund, Oscar H., Chicago, Ill. Floor-polishing device	835,317	Nov. 6	886	187-8	125	224
Ostrander, Alfred I., Yonkers, N. Y. Multiple-expansion rotary engine	813,819	Feb. 27	4572	1011	120	2628
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Cross-bearer	809,732	Jan. 9	2265	469-70	120	530
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Cross-bearer	809,733	Jan. 9	2266	470	120	530
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Cross-bearer	809,734	Jan. 9	2268	470	120	531
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Cross-bearer	809,735	Jan. 9	2270	470	120	532
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Bolster	809,736	Jan. 9	2272	471	120	532
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car-seat	810,558	Jan. 23	4000	824	120	994
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Railway-car	825,611	July 10	1904	402-5	123	506
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Dump-car	829,733	Aug. 28	4189	886-8	123	2820
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car construction	830,922	Sept. 11	2054	433	124	547
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. End sill for cars	836,132	Nov. 20	2446	514	125	705
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Cross-bearer	836,133	Nov. 20	2447	514	125	706
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Body-bolster	836,134	Nov. 20	2448	515	125	706
Ostrander, James, Indianapolis, Ind. Packing	808,775	Jan. 2	312	67	120	70
Ostrem, Bertha, Paxton, Ill. Combination curtain and shade bracket	833,622	Oct. 16	3263	694	124	2093
Oswald, Paul E., Los Angeles, Cal. Armature-winding machine	831,740	Sept. 25	3714	777	124	1034
Oswald, Simon P. (See Ferguson and Oswald.)						
Otis Elevator Company. (See Baldwin and Ihlder, assignors.)						
Otis Elevator Company. (See Bollman, George W., assignor.)						
Otis Elevator Company. (See Boyce, John E., assignor.)						
Otis Elevator Company. (See Cogle, Andrew M., assignor.)						
Otis Elevator Company. (See Furlow, Floyd C., assignor.)						
Otis Elevator Company. (See Grosvenor, Graham B., assignor.)						
Otis Elevator Company. (See Ihlder, John D., assignor.)						
Otis Elevator Company. (See Magnuson, Axel, assignor.)						
Otis Elevator Company. (See Marshall, Ernest W., assignor.)						
Otis Elevator Company. (See Newell, Frederick W., assignor.)						
Otis Elevator Company. (See Otis and Sundh, assignors.)						
Otis Elevator Company. (See Sundh, August, assignor.)						
Otis, Norton P., and A. Sundh, Yonkers, N. Y., assignors to Otis Elevator Company, East Orange, N. J. Emergency-brake for elevators	815,629	Mar. 20	3304	692	121	827
Otis, Spencer, Chicago, Ill. Dump-car	813,733	Feb. 27	4409	972-3	120	2592
Otis, Spencer, Chicago, Ill. Dump-car	816,498	Mar. 27	5121	1085-6	121	1268
Otis, Spencer, Chicago, Ill. Car-truck	826,872	July 24	4450	926	123	1176
Otis, Spencer, Chicago, Ill. Dump-car	826,873	July 24	4453	927	123	1176
Otis, Spencer, Chicago, Ill., assignor to National Coal Dump Car Company, Rapid City, S. D. Dump-car	812,359	Feb. 13	1698	373	120	1912
Otis, Spencer, Chicago, Ill., assignor to National Coal Dump Car Company, Rapid City, S. D. Dump-car	814,159	Mar. 6	311	62	121	68
Otis, Spencer, Chicago, Ill., assignor to National Coal Dump Car Company, Rapid City, S. D. Dump-car	814,231	Mar. 6	443	92	121	96
Otis, Spencer, Chicago, Ill., assignor to National Coal Dump Car Company, Rapid City, S. D., and Chicago, Ill. Dump-car	815,032	Mar. 13	2073	434-5	121	507
Otis, Spencer, Chicago, Ill., assignor to National Coal Dump Car Company, Rapid City, S. D. Railway-car	832,555	Oct. 2	1066	214	124	1470

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company, Augusta, Me. Dump-car.	821,528	May 22	5101	1087	122	1312
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company, Augusta, Me. Dump-car.	823,631	June 19	2837	600	122	2453
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company, Augusta, Me. End sill for cars.	825,675	July 10	2080	434	123	554
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company, Augusta, Me. Dump-car.	826,874	July 24	4455	927	123	1177
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company, Augusta, Me. End sill for cars. (Reissue)	12,552	Nov. 6	1217	263	125	305
Otis, Spencer, Chicago, Ill., assignor, by mesne assignments, to National Dump Car Company. Dump-car. (Reissue)	12,533	Sept. 18	3267	688	124	877
Otis, Spencer, Chicago, Ill., assignor, by mesne assignments, to National Dump Car Company. Car.	834,931	Nov. 6	107	21-2	125	30
Otis, Spencer, Chicago, Ill., assignor, by mesne assignments, to National Dump Car Company. Dump-car.	838,510	Dec. 11	2454	534	125	2006
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Railway-car bolster.	822,979	June 12	1482	309	122	2098
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Railway-car-truck.	826,870	July 24	4449	925	123	1175
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Railway-car-truck.	826,871	July 24	4450	926	123	1175
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Railway-car-truck.	836,942	Nov. 27	4105	876	125	1146
Ott, Florian. (See Thole and Ott.)						
Ott, Frederick, Woonsocket, R. I., assignor to Crompton & Knowles Loom Works. Temple for looms.	817,334	Apr. 10	1554	327	121	1759
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope.	829,422	Aug. 28	3513	738	123	2655
Ott, John F., assignor to New Jersey Patent Company, Orange, N. J. Apparatus for applying pigment to engraved ends of phonograph-records.	813,514	Feb. 27	3997	876-7	120	2503
Ottawa Banking & Trust Company. (See Feeny, Edmund J., assignor.)						
Ottaway, William, assignor to Aurora Automatic Machinery Company, Aurora, Ill. Sparking plug.	809,578	Jan. 9	1957	407	120	462
Otte, Otho M., Pittsburg, Pa. Fireproof window.	817,269	Apr. 10	1440	303-4	121	1735
Otte, Otho M., Pittsburg, Pa. Window-sash.	817,270	Apr. 10	1443	304	121	1735
Otte, Otho M., Pittsburg, Pa. Window-sash.	835,863	Nov. 13	1928	407	125	527
Otterstedt, Henry, North Bergen, N. J. Ventilating-sole.	819,449	May 1	834	179	122	187
Ottersten, Carl G., New York, N. Y. Snow loading and dumping cart.	827,657	July 31	6142	1276	123	1613
Otto, August, Jr., Sandwich, Ill. Corn-elevator.	820,249	May 8	2502	549-1	122	620
Otto, August, Jr., Sandwich, Ill. Corn-elevator.	828,239	Aug. 7	1075	225-6	123	1932
Otto, Edward C. F., London, assignor of one-half to G. F. Richardson, Lee, England. Elastic tire for road-wheels.	819,374	May 1	692	145-6	122	158
Otto, Frank, et al. (See Feden, Joseph W., assignor.)						
Otto, Henry A. (See Speer and Otto.)						
Otto, Marius, Paris, France, assignor to American Ozone Company, Niagara Falls, N. Y. Water-ozoneing apparatus.	822,980	June 12	1483	309	122	2098
Otto, Marius, Paris, France, assignor to American Ozone Company, Niagara Falls, N. Y. Apparatus for mounting and cooling statical ozonizers.	827,387	July 31	5506	1145	123	1453
Otto, Marius, Paris, France, assignor to American Ozone Company, Niagara Falls, N. Y. Apparatus for the sterilization of water by means of an electric current.	837,107	Nov. 27	4443	942-3	125	1229
Otto, Marius, Paris, France, assignor to American Ozone Company, Niagara Falls, N. Y. Water-sterilizing apparatus.	837,108	Nov. 27	4446	943	125	1231
Otto, Marius, Paris, France, assignor to American Ozone Company, Niagara Falls, N. Y. Water-sterilizing apparatus.	837,109	Nov. 27	4447	943	125	1231
Outcalt, David D. A. (See Heinrich, Heinrich, assignor.)						
Outland, Virgil F. (See Hussey and Outland.)						
Oven, Ernest von, Naperville, Ill. Marking implement for green clay articles.	815,238	Mar. 13	2496	520	121	603
Ovenshire, Bert A., Cammal, Pa. Safety device for signal-operators.	834,845	Oct. 30	5926	1257	124	2846
Overbay, Alexander, Walnut Cove, N. C. Churning-machine.	824,575	June 26	4653	989-90	122	2901
Overbeck, Ernest, Grand Rapids, Wis. Paper-reel.	825,674	July 10	2079	434	123	554
Overbury, Frederick C., New York, N. Y., assignor to Flintkote Manufacturing Company, Rutherford, N. J. Waterproof fabric.	819,450	May 1	835	180	122	187
Overby, John G. (See Overby, Theodore A. and J. G.)						
Overby, Theodore A. and J. G., Mellette, S. D. Corn harvester and husker.	832,410	Oct. 2	783	151-2	124	1401
Overfield, Martin J., Corydon, Ky. Stock-feeding device.	823,806	June 19	3161	669	122	2524
Overholt, Edward H. (See Wenzelmann and Overholt.)						
Overholt, Elliott G., assignor to Selkirk Fence Company, Hamilton, Canada. Wire-fence lock.	822,758	June 5	1052	215	122	1959
Overland & Marine Telegraph Company. (See Hogg, William S., assignor.)						
Overman, Clinton H., Marion, Ind. Cuff and sleeve protector.	832,411	Oct. 2	791	153	124	1402
Overmyer, William F., Beechwood, Miss. Cotton-gin.	825,341	July 10	1305	274	123	358
Overton, Richard J. (See Drear, Harry J., assignor.)						
Overton, William J., Sparrows Point, Md. Rail-joint.	827,991	Aug. 7	598	121	123	1818
Overturf, Charley W., Dumont, Iowa. Collapsible mold.	828,766	Aug. 14	2143	454	123	2233
Oviatt, Solomon E., Lansing, Mich. Milk-pail and analogous article.	832,556	Oct. 2	1067	214	124	1470
Oviatt, Wesley T., Stratford, assignor to W. Grunow, Jr., Bridgeport, Conn. Electrical contact for trolley systems of electric railways.	834,636	Oct. 30	5493	1166	124	2737
Owatonna Manufacturing Co. (See Howe, La Bare, and Pierce, assignors.)						
Owatonna Manufacturing Co. (See La Bare, Frank, assignor.)						
Owatonna Manufacturing Co. (See La Bare and Howe, assignors.)						
Owatonna Manufacturing Co. (See Pierce, James M., assignor.)						
Owen, Arthur W., assignor to Wm. L. Gilbert Clock Company, Winsted, Conn. Clock.	817,147	Apr. 3	1177	242	121	1621
Owen, Charles F., Chicago, Ill. Tool-carrier for boring-bars.	815,630	Mar. 20	3308	693	121	829
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined bed and couch.	833,173	Oct. 16	2322	487-8	124	1864
Owen, George A., Springfield, Mass. Mailing-box.	817,186	Apr. 10	1265	262-3	121	1700
Owen, George A., Springfield, Mass. Slotting-machine.	822,012	May 29	6050	1289-90	122	1579
Owen, George A., Springfield, Mass. Arbor or mandrel for slotting or splining machines.	827,816	Aug. 7	256	52	123	1735
Owen, George B. (See Winslow and Owen.)						
Owen, Herbert W., assignor of one-half to C. H. Fish, Dover, N. H. Pattern-resetting mechanism for looms.	824,200	June 26	3895	831-2	122	2741
Owen, Herbert W., assignor of one-half to C. H. Fish, Dover, N. H. Stop-motion for looms.	837,110	Nov. 27	4447	943-4	125	1231
Owen, James C., Chicago, Ill. Cheese-cutter.	839,632	Dec. 25	4687	1000	125	2640
Owen, Oscar L., assignor to Whitin Machine Works, Whitinsville, Mass. Doffer-comb motion.	822,550	June 5	625	126	122	1864

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Owen, Oscar L., Whitinsville, and E. H. Rooney, New Bedford, assignors to Whitin Machine Works, Whitinsville, Mass. Cotton-combing machine.	822,549	June 5	621	124-5	122	1863
Owen, Oscar L., and J. F. Snelling, assignors to Whitin Machine Works, Whitinsville, Mass. Thread-guide mechanism for spinning or twisting machines.	810,668	Jan. 23	4205	870	120	1040
Owen, Pinkney, Boonshill, Tenn. Planter.	824,576	June 26	4654	990	122	2901
Owen, Robert H., Wellington, New Zealand. Appliance for use in ascertaining distances or altitudes.	820,597	May 15	3188	686	122	831
Owen, Thomas, assignor of one-half to J. V. Dealy, Houston, Tex. Loose-leaf binder.	834,163	Oct. 23	4551	965	124	2455
Owens, Allan L., Atchison, Kans. Washing-machine.	810,427	Jan. 23	3728	768	120	932
Owens, Charles, <i>et al.</i> (See Lee, Ulysses G., assignor.)						
Owens, Charles, <i>et al.</i> (See Lyle, Alexander, assignor.)						
Owens, Charles, Chattanooga, Tenn. Addressing-machine.	826,053	July 17	2789	578-9	123	743
Owens, Charles, assignor of one-half to D. P. Montague, Chattanooga, Tenn. Pasting-machine.	826,055	July 17	2801	581	123	746
Owens, Charles, and U. G. Lee; said Lee assignor to D. P. Montague, Chattanooga, Tenn. Addressing-machine.	826,054	July 17	2794	579-80	123	744
Owens, Charles S., Dayton, Ohio. Adjustable combination-desk.	818,910	Apr. 24	4721	1013	121	2552
Owens, Charles T., Hominy, Okla. Ter. Animal-trap.	828,139	Aug. 7	592	184	123	1891
Owens, Frank A., Seattle, Wash. Lock.	828,961	Aug. 21	2535	537	123	2363
Owens, Robert, and R. Black, assignors of one-third to L. T. Everett, Catlettsburg, Ky. Steam-valve.	817,385	Apr. 10	1659	351	121	1782
Owens, Robert J., Minneapolis, Minn. Machine for cleaning beans and peas.	839,415	Dec. 25	4229	905-6	125	2530
Owings, Robert B., Shady Side, Md. Combined carpenter's square and miter-gage.	838,443	Dec. 11	2330	505	125	1976
Owosso Manufacturing Company. (See Brown, Edward T., assignor.)						
Oxley, Walter T., Doran, Minn. Grain-sack tie.	828,240	Aug. 7	1077	226	123	1933
Oxnam, Thomas H., Los Angeles, Cal. Miter-gage.	821,599	May 29	5958	1269	122	1558
Oyer, Peter P., Meadows, Ill. Grain dump and elevator.	823,436	June 12	2422	510	122	2302
Ozias, Orange O., assignor to Computing Scale Company, Dayton, Ohio. Price-scale.	812,289	Feb. 13	1585	347	120	1888
Ozone Vanillin Company. (See Spurge, Edward C., assignor.)						
Ozonized Oxygen Company. (See Leetham, Sidney, assignor.)						
P. & F. Corbin. (See Gilbert, Wilbur F., assignor.)						
P. & F. Corbin. (See Henry, William K., assignor.)						
P. H. & F. M. Roots Company. (See Hicks, George C., Jr., assignor.)						
P. R. Manufacturing Company. (See Eden, Harold W., assignor.)						
P. R. Manufacturing Company. (See Proctor, Charles M., assignor.)						
Paarmann, Hans J., assignor to H. F. Brammer Manufacturing Company, Davenport, Iowa. Mechanical movement.	811,868	Feb. 6	634	139	120	1620
Pace, John B., New York, N. Y. Rock-drill bit.	836,824	Nov. 27	3852	821	125	1086
Pace, William T., Iron City, Ga. Tie liner and spacer.	809,008	Jan. 2	766	165	120	169
Pacific Coast Biscuit Company. (See Allatt, Thomas, assignor.)						
Pacific Coast Biscuit Company. (See Guilford, Paul S., assignor.)						
Pacific Electric Heating Company. (See Richardson, Earl H., assignor.)						
Pacific Manifold Book Company. (See Brown, Horace P., assignor.)						
Pacific Manifold Book Company. (See Winslow, Herbert H., assignor.)						
Pacific Surgical Manufacturing Company. (See Sweeney, William W., assignor.)						
Pacific Wireless Telegraph Company. (See Plecher, Andrew, assignor.)						
Packard, Benjamin L., Denver, Colo. Meat roller or wringer.	817,510	Apr. 10	1922	405	121	1838
Packard, Edwin D., <i>et al.</i> (See Stump, Oman L., assignor.)						
Packard, Elmer H., Omaha, Nebr. Radiator-valve.	823,632	June 19	2838	601	122	2453
Packard, James W., assignor to Packard Motor Car Company, Warren, Ohio. Hydro-carbon-engine for motor-vehicles.	830,099	Sept. 4	380	76-7	124	92
Packard, John E., Los Angeles, Cal., assignor to Multi-Vending Company, Pierre, S. D. Vending-machine.	815,731	Mar. 20	3525	740-1	121	876
Packard, John E., Chicago, Ill., assignor to Multi-Vending Company. Vending-machine.	823,633	June 19	2840	601	122	2454
Packard, John E., Chicago, Ill., assignor to Multi-Vending Company. Vending-machine.	823,634	June 19	2843	602	122	2455
Packard, John E., Chicago, Ill., assignor to Multi-Vending Company, Pierre, S. D. Delivery mechanism for vending-machines.	833,334	Oct. 16	2663	560	124	1951
Packard Motor Car Company. (See Huff, Russell, assignor.)						
Packard Motor Car Company. (See Packard, James W., assignor.)						
Packard Motor Car Company. (See Schmidt, Charles, assignor.)						
Packard, Sumner T., Brockton, Mass. Head for jack-spools, warp-beams, or the like.	810,506	Jan. 23	3895	800	120	973
Packard, William F., assignor of one-half to C. E. Field, Brockton, Mass. Sole-edge-trimming machine.	818,637	Apr. 24	4179	899	121	2434
Packer, James W., Glens Falls, N. Y., assignor to Sandy Hill Iron and Brass Works. Paper-machine.	813,820	Feb. 27	4578	1011-13	120	2629
Packer, Jesse S., Salt Lake City, Utah. Sash-lock.	823,543	June 19	2670	563	122	2415
Packham, Frank R., and G. P. Oates, Springfield, Ohio, assignors to American Seeding Machine Company, Jersey City, N. J. Speed device for seeding-machines.	813,734	Feb. 27	4413	973	120	2593
Paddock, Gustavus A., Beaver Dam, Wis. Harvester-reel.	820,667	May 15	3313	711	122	857
Paddock, Ira J., Percival, Iowa. Motor.	819,586	May 1	1081	238	122	243
Paddock, James V. S., Chicago, Ill. Game-maul.	827,658	July 31	6145	1277	123	1613
Paddock, Milan L., Lyons, N. Y. Protector for backs and chests.	811,167	Jan. 30	5200	1087	120	1289
Paddock, William A. (See Taylor, Samuel J., assignor.)						
Paden, Henry, Berlin, Ky. Wire-stretcher.	835,080	Nov. 6	422	84	125	112
Padfield, Christopher S., Hemington, near Bath, England. Apparatus for mechanically milking animals.	833,890	Oct. 23	3837	814	124	2279
Padgett, Benjamin F., Laurel, Miss. Running-gear for wagons.	826,443	July 17	3529	734-5	123	924
Padgett, James M., Topeka, Kans. Vulcanizer.	815,209	Mar. 13	2438	508	121	591
Padgett, John C., Junction City, Kans. Inking device for printing-presses.	836,528	Nov. 20	3233	688-9	125	896
Padgett, John H., Knoxville, Tenn. Beehive.	838,444	Dec. 11	2331	506	125	1977
Padmore, Arthur M., Lead, S. D. Combined davenport and bed.	813,233	Feb. 20	3419	753-4	120	2319
Page, Albert A. (See Sargent and Page.)						
Page, Albert A. (See Shaw and Page.)						
Page, Benjamin E. (See Frimand, Peter A., assignor.)						
Page, Blin W., <i>et al.</i> (See Prescott, George E., assignor.)						
Page, Charles F., Pineville, La. Air-ship.	817,442	Apr. 10	1785	375	121	1809
Page, David P., and A. Vanderveld, assignors to Grand Rapids Brush Company, Grand Rapids, Mich. Multiple boring-machine.	819,587	May 1	1083	238	122	243
Page, Ernest A., Williamsport, Pa. Wire-coiling machine.	818,463	Apr. 24	3810	819	121	2355
Page, Frank C. B., New York, N. Y., assignor to Keyless Can Opener Company. Apparatus for scoring can-tops.	826,601	July 24	3932	815	123	1045
Page, James F. (See Nelms, Thomas L., assignor.)						
Page, John W. (See Snedeker, James W., assignor.)						
Page, John W., Chicago, Ill. Excavating-scoop.	838,892	Dec. 18	3182	686	125	2227

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Page, John W., Chicago, Ill. Excavating-shovel.....	839,026	Dec. 18	3420	738	125	2286
Page, Joseph W., Charlotte, N. C. Measuring device.....	810,799	Jan. 23	4455	924	120	1094
Page, R. J., <i>et al.</i> (See Cumpston, Frederick B., assignor.)						
Page, Rescue B., Los Angeles, Cal., assignor of one-half to O. V. Dilling, Magley, Ind. Excavating apparatus.....	825,553	July 10	1790	378	123	479
Page Woven Wire Fence Company. (See Snedeker, James W., assignor.)						
Paget, Arthur. (See Bottomley and Paget.)						
Paget, Arthur. (See Bottomley, Hutton, and Paget.)						
Paget, Emanuel B., London, England. Striking-bat for ball games.....	819,250	May 1	428	90	122	100
Pahlitzsch, Bruno, Berlin, Germany, assignor, by mesne assignments, to United States Envelope Company. Folding mechanism for envelop-machines.....	821,529	May 22	5103	1087-8	122	1312
Paiche, Louis. (See Blanc and Paiche.)						
Paige, Austin B., Iowa Falls, Iowa. Mine-hoist.....	825,477	July 10	1615	336	123	438
Paige, David O., Detroit, Mich., assignor to Pfaudler Co., Rochester, N. Y. Tank.....	814,160	Mar. 6	312	62-3	121	69
Paige, David O., Detroit, Mich., assignor to Pfaudler Company, Rochester, N. Y. Apparatus for use in perforating the flanges of tank-sections.....	816,593	Apr. 3	95	19-20	121	1378
Pain, Henry J., New York, N. Y. Pyrotechnic device.....	827,939	Aug. 7	482	99	123	1792
Paindavoine-Dufour, Pierre A. (See Paindavoine and Paindavoine-Dufour.)						
Paindavoine, Pierre H. J., and P. A. Paindavoine-Dufour, Les Fontanettes à la Chapelle aux Pots, France. Balanced suction and force pump.....	813,821	Feb. 27	4581	1013	120	2630
Paine, Arthur G., Cripple Creek, Colo. Carriage-top spring.....	838,445	Dec. 11	2333	506	125	1977
Paine, Wellington E., Rosebud, Mont. Grinding-machine.....	830,360	Sept. 4	926	192	124	229
Paine, William H., Louisville, Ky. Time stock-feeder.....	811,431	Jan. 30	5706	1195	120	1396
Painter, Carl T., Chattanooga, Tenn. Hoisting apparatus.....	818,115	Apr. 17	3124	672-3	121	2154
Painter, Emerick H., Alpha, Wash. Combination step-ladder, table, and ironing-board.....	837,714	Dec. 4	882	199	125	1574
Painter, Frank C., Osman, Ill. Rail-support.....	809,214	Jan. 2	1167	241	120	257
Painter, John L., Bellevue, Ohio. Bolt-clipper and punch.....	812,225	Feb. 13	1444	315	120	1855
Painter, Welker L., Grand View, Ind. Heater.....	825,003	July 3	649	130-1	123	170
Painter, William A. (See Rymill, Painter, and Miller.)						
Painton, Richard B., Williamsport, assignor of one-third to J. H. Bailey, Muncy, and W. Bailey, Jersey Shore, Pa. Coupling-retaining means for metallic hose.....	826,353	July 17	3365	696	123	883
Paiste, Henry T., Philadelphia, Pa. Fuse-plug.....	809,837	Jan. 9	2452	509	120	572
Pajeau, Charles H., Chicago, Ill. Sully.....	833,541	Oct. 16	3090	655-6	124	2052
Pakin Company. (See Paul, Andrew G., assignor.)						
Palin, Henry P., North Attleboro, Mass. Tire-protector.....	814,798	Mar. 13	1618	339	121	412
Palis, August L., Upland, Cal. Retinoscope.....	815,859	Mar. 20	3817	808	121	936
Pallady, George H., Allerton, Iowa. Broom and brush cutter.....	826,056	July 17	2802	581	123	746
Pallady, Hubert E., Sebastopol, Cal. Window-screen frame.....	813,234	Feb. 20	3421	754	120	2319
Pallweber, Joseph, Mannheim, Germany. Adding-machine.....	813,578	Feb. 27	4125	904	120	2532
Palm, John V. O., assignor to American Compressed Air Supplying Company, Milwaukee, Wis. Dust-collector.....	810,559	Jan. 23	4001	824	120	995
Palmenberg, Emil T., New York, N. Y. Garment-form.....	817,511	Apr. 10	1924	405	121	1838
Palmenberg, Emil T., New York, N. Y. Garment-hanger.....	835,464	Nov. 6	1177	254	125	295
Palmer, Albert D., assignor to F. Ingersoll, Pittsburg, Pa. Automatic shutter for moving-picture machines.....	826,524	July 17	3743	776	123	982
Palmer, Andrew C., Washington, Ind. Harrow.....	810,800	Jan. 23	4455	925	120	1094
Palmer, Cassius C., New York, N. Y. Refrigerating apparatus.....	839,190	Dec. 25	3787	817-18	125	2423
Palmer, Charles, Lyons, assignor of one-half to F. Kitson, Ionia, Mich. Engine-muffler.....	838,051	Dec. 11	1536	330	125	1781
Palmer, Charles H., and J. W. Denmead, Akron, Ohio, assignors to Diamond Match Company, New York, N. Y. Printing-press.....	819,375	May 1	694	147	122	158
Palmer, Clyde E., Fort Worth, Tex. Nut-lock.....	818,911	Apr. 24	4722	1013	121	2552
Palmer, Emily M., Reading, Mass. Shuttle-bobbin.....	833,174	Oct. 16	2325	488	124	1865
Palmer, Frank H., New York, N. Y. Cat-guard.....	814,984	Mar. 13	1951	410	121	480
Palmer, Frederick C., Springfield, Mass. Bolt-anchor.....	833,542	Oct. 16	3092	656	124	2053
Palmer, George E., and M. H. Cohen, Butte, Mont. Street-crossing indicator.....	838,893	Dec. 18	3183	686-7	125	2227
Palmer, George W., Seattle, Wash. Producing alcoholic spirits.....	825,342	July 10	1307	.....	123	359
Palmer, Harmon S., Washington, D. C. Machine for making concrete blocks.....	828,767	Aug. 14	2144	454-5	123	2233
Palmer, Harry B., New York, N. Y. Automatic time-recorder.....	830,486	Sept. 4	1188	247-8	124	294
Palmer, Henry A., and J. E. Upson, Westfield, Mass. Making whip-buttons.....	832,272	Oct. 2	519	98	124	1339
Palmer, Isaac E., Middletown, Conn. Apparatus for washing fabrics.....	816,179	Mar. 27	4462	944-5	121	1128
Palmer, Isaac E., Middletown, Conn. Template-roll.....	817,443	Apr. 10	1786	376	121	1809
Palmer, Isaac E., Middletown, Conn. Thread-guide.....	826,875	July 24	4456	927	123	1177
Palmer, Isaac E., Middletown, Conn. Thread-guide.....	826,876	July 24	4457	928	123	1177
Palmer, James. (See Verret and Palmer.)						
Palmer, John H. (See Kliever, Gerhard C., assignor.)						
Palmer, John S., Chicago, Ill. Carrier-cover for pneumatic store-service.....	810,970	Jan. 30	4820	1002	120	1207
Palmer, Lyndon C., Buffalo, N. Y. Machine for stripping blanks for paper boxes.....	810,971	Jan. 30	4821	1002-3	120	1207
Palmer, Merritt W., Hamilton, Mich. Beet-puller.....	829,285	Aug. 21	3227	679	123	2539
Palmer, Merritt W., Hamilton, Mich. Beet-puller.....	829,286	Aug. 21	3229	680	123	2540
Palmer, Merritt W., assignor of one-fourth to H. N. Parker, Hamilton, Mich. Non-refillable bottle.....	814,619	Mar. 6	1230	260	121	266
Palmer, Noyes F., New York, N. Y. Machine for molding artificial stones.....	815,372	Mar. 20	2813	586	121	718
Palmer, Robert, assignor to American Ring Co., Waterbury, Conn. Sash-curtain-rod bracket.....	819,588	May 1	1084	238	122	244
Palmer, Stephen, deceased, (W. G. Palmer, executor,) and M. M. Waterman, assignors to M. M. Waterman, J. K. P. Pine, G. W. Daw, J. J. Child, and H. E. Northrup, Troy, N. Y. Apparatus for making fibrous conduits.....	817,187	Apr. 10	1270	263-4	121	1701
Palmer, Truman G., Chicago, Ill. Current-motor.....	825,154	July 3	925	196	123	244
Palmer, Walter F., and J. Winnacott, New York, N. Y. Presswork-recorder.....	830,923	Sept. 11	2055	433-4	124	547
Palmer, Warren D., New York, N. Y. Printer's border.....	831,182	Sept. 18	2589	546	124	705
Palmer, Wilford E. (See Anderson and Palmer.)						
Palmer, William, Jr., Rincon, N. Mex. Ter. Selective call for telephones and telegraphs.....	810,878	Jan. 23	4598	957-8	120	1125
Palmer, William G., executor. (See Palmer, Stephen.)						
Palmer, William H. (See Hackmann and Palmer.)						
Palmer, William H., Jr. (See Browne, Harry P. C., assignor.)						
Palmer, William H., Jr., New York, N. Y. Storage battery.....	817,132	Apr. 3	1145	237	121	1614
Palmer, William S., Blairsville, Pa. Miner's pick.....	817,512	Apr. 10	1925	406	121	1838
Palmer's Shipbuilding and Iron Company. (See Webster, Robert J., assignor.)						
Palmros, Alexander, assignor to J. A. Jeffrey, Columbus, Ohio. Trolley-supporting device.....	813,515	Feb. 27	3999	877	120	2504
Pamp, Danne, Philadelphia, Pa. Collar or cuff button.....	820,729	May 15	3433	735	122	883
Panama Hay Press Co. (See Tuttle and Cookson, assignors.)						
Pancoast, Edwin A., Montclair, N. J., assignor to E. A. Hawthorne, Springfield, Mass., H. Sheble, Philadelphia, Pa., and J. O. Prescott, Montclair, N. J. Talking-machine.....	816,995	Apr. 3	902	187	121	1559
Panelli, Silvestri, New York, N. Y. Attachment for guitars.....	831,238	Sept. 18	2689	565-6	124	729
Pangborn, Benjamin F. (See Lovette, Benjamin, assignor.)						
Pangburn, Lewis, <i>et al.</i> (See Fuller, Anderson, assignor.)						
Pankow, Theodore, Sioux Falls, S. D. Bottle-labeling machine.....	811,576	Feb. 6	83	17	120	1503

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Panneton, Francois X. E. (See Gagnon, Joseph A., assignor.)						
Pannier, Ernest A., Chicago, Ill. Water-heater.	824,808	July 3	257	46	123	71
Panoulis, Panayiotis, New York, N. Y. Dipping-frame for coating candies.	809,737	Jan. 9	2273	471	120	533
Paolis, Giovanni de, Christiania, Norway. Means for molding walls and ceilings.	826,057	July 17	2803	581	123	747
Pape, Hermann G., New York, N. Y. Multipolar electromagnet.	812,445	Feb. 13	1872	412	120	1947
Pape, Hermann G., New York, N. Y. Telephone-transmitter or audiphone-receiver.	822,470	June 5	461	93-4	122	1825
Papenfoth, Paul. (See Parker and Papenfoth.)						
Papenfoth, Paul, assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch.	812,871	Feb. 20	2702	595	120	2164
Papenfoth, Paul, assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock mechanism.	833,175	Oct. 16	2326	488	124	1865
Paperhangers Machine Company. (See Vogt, Joseph, assignor.)						
Paquette, George. (See Gagnon and Paquette.)						
Paquette, John B., assignor to Landers, Frary & Clark, New Britain, Conn. Spring-scale.	813,735	Feb. 27	4414	973	120	2593
Paradice, Frank H., Denver, Colo. System for sprinkling lawns, gardens, greenhouses, parks, &c.	810,972	Jan. 30	4824	1003	120	1208
Paradis, Ozema R. (See Jeannotte, Joseph, assignor.)						
Paradis, Victor H., and J. B. Putrow, Rice Lake, Wis. Cigar-clipper and match-safe.	810,801	Jan. 23	4457	925	120	1094
Paragon Photo-Chemical Company. (See Jarman, Alfred J., assignor.)						
Pardee, John E., Rydal, Kans. Device for counterbalancing tongues.	811,168	Jan. 30	5201	1087	120	1289
Pardington, Thomas C. (See Sewell, John W., assignor.)						
Pardridge, Willard E., et al. (See Byrne, James J., assignor.)						
Pardridge, William E., et al. (See Hubbard, Frederick J., assignor.)						
Parfitt, Alfred, Topeka, Kans. Steam-boiler.	810,078	Jan. 16	2961	617-18	120	736
Parfitt, Arthur W., New London, assignor of one-half to A. G. Westphal, Hortonia, Wis. Wrench.	809,838	Jan. 9	2454	510	120	572
Parfitt, Samuel, Cardiff, England. Manufacture of metallic compounds.	818,044	Apr. 17	2987	121	2125	
Parham, William H., Paducah, Ky. Cushion-tire.	827,321	July 31	5378	1118	123	1421
Paridon, Michael, Barberton, Ohio. Match-machine.	837,583	Dec. 4	603	140-1	125	1504
Parish & Bingham Company. (See Gartshore and Foster, assignors.)						
Parish, Le Grand. (See Fildes, Rollin D., assignor.)						
Parish, Le Grand, Cleveland, Ohio. Device for operating coupling-locks.	825,343	July 10	1307	275	123	359
Pariso, Albert E. (See Perra, Arthur L., assignor.)						
Park, Charles C., Kamloops, Canada. Tire-tightening device.	826,111	July 17	2915	605	123	775
Park, James, Jr. (See Dilks and Park.)						
Park, Kennedy. (See Brown and Park.)						
Park, Kennedy, Mansfield, Ohio. Apparatus for forming serpentine hollow bodies.	808,943	Jan. 2	633	138	120	139
Park, Martha S., et al. (See De Vilbiss, Allen, Jr., assignor.)						
Parke, Davis & Company. (See Heitmann and Clemmensen, assignors.)						
Parke, James D., assignor of one-half to W. D. Parke, Toledo, Ohio. Fender for automobiles.	825,478	July 10	1616	337	123	439
Parke, John S., St. Louis, Mo. Fish-hook.	831,980	Sept. 25	4204	877	124	1155
Parke, William D. (See Parke, James D., assignor.)						
Parker, Albert G., assignor of one-half to C. M. Gruenther, Platte Center, Nebr. Mining.	818,188	Apr. 17	3275	701	121	2188
Parker, Alfred C., Manchester, assignor to United States and Canada Degreasing Syndicate Limited, Nottingham, England. Safety device.	833,694	Oct. 16	3401	725	124	2125
Parker, Alfred J., London, England. Mounting-board for stereotypes and other plates.	828,768	Aug. 14	2152	455	123	2235
Parker, Arthur H., Sr., Auburn, N. Y. Grip-tread for pneumatic tires.	817,933	Apr. 17	2767	599	121	2078
Parker, Benjamin F., North Yakima, Wash. Railway-gate.	831,091	Sept. 18	2431	511	124	668
Parker Brothers. (See Ordway, Frank L., assignor.)						
Parker, Charles A. (See Parker, John C., assignor.)						
Parker, Charles C., Baltimore, Md., assignor of one-half to M. G. Gillette, Brooklyn, N. Y. Jar-closure.	821,596	May 22	5225	1115	122	1338
Parker, Charles E. (See Hervis, Morris P., assignor.)						
Parker, Charles I., and P. Papenfoth, assignors to Russell & Erwin Manufacturing Company, New Britain, Conn. Door-check.	813,111	Feb. 20	3182	696	120	2271
Parker, Charles R. (See Wirt and Parker.)						
Parker-Clark Electric Company. (See Clark, Walter G., assignor.)						
Parker-Clark Electric Company. (See Parker, Herschel C., assignor.)						
Parker, Daniel M., et al. (See Shaw, Anthony J., assignor.)						
Parker, Edwin W., Rochester, N. Y. Photographic-shutter casing.	826,269	July 17	3200	663	123	841
Parker, Erastus N., Springfield, Mass. Watch-hand remover.	823,289	June 12	2158	450	122	2247
Parker, F. D., et al. (See Marsh, Howard E., assignor.)						
Parker, Frederick R. (See Corwin and Parker.)						
Parker, Frederick R., La Fayette, Ind. Telephone system.	836,204	Nov. 20	2583	545	125	737
Parker, George F., and M. E. M. Whiting, Boston, Mass. Pattern-chart.	823,738	June 19	3029	640-1	122	2493
Parker, George H., New York, N. Y., assignor to C. H. Platt, New Haven, Conn. Window-stop and burglar-alarm.	814,314	Mar. 6	627	128-9	121	136
Parker, George H., New York, N. Y., assignor to C. H. Platt, New Haven, Conn. Swing-ing window.	814,315	Mar. 6	631	129	121	137
Parker, George H., New York, N. Y., assignor to C. H. Platt, New Haven, Conn. Swing-ing window.	814,316	Mar. 6	636	129-30	121	139
Parker, George H., New York, N. Y., assignor to C. H. Platt, New Haven, Conn. Window-retaining apparatus.	814,317	Mar. 6	639	130	121	140
Parker, George H., New York, N. Y., assignor to C. H. Platt, New Haven, Conn. Detachable hinge for windows and the like.	814,391	Mar. 6	793	160	121	175
Parker, George N., Boston, Mass. Electric door-strike.	831,016	Sept. 11	2226	470-1	124	588
Parker, H. N. (See Palmer, Merritt W., assignor.)						
Parker, Henry, Brooklyn, N. Y. Non-refillable bottle.	829,998	Sept. 4	167	29	124	41
Parker, Herschel C., New York, N. Y., assignor to Parker-Clark Electric Company, Jersey City, N. J. Incandescent electric lamp.	812,872	Feb. 20	2703	596	120	2164
Parker, Herschel C., New York, N. Y., assignor to Parker-Clark Electric Company, Jersey City, N. J. Incandescent electric lamp.	821,056	May 22	4163	885	122	1105
Parker, Howard, Nashua, N. H., assignor to Improved Paper Machinery Company, Castine, Me., and Nashua, N. H. Pulp-treating machine.	811,660	Feb. 6	244	53-4	120	1538
Parker, Howard, Nashua, N. H., assignor to Improved Paper Machinery Company, Castine, Me., and Nashua, N. H. Reclaiming pulp from waste water.	828,500	Aug. 14	1630	344	123	2102
Parker, James. (See Conover, Warren H., assignor.)						
Parker, James M., Orangeburg, S. C. Spooler-guide.	836,137	Nov. 20	2453	516	125	707
Parker, James T., Hattiesburg, Miss. Auger-bit.	825,479	July 10	1617	337	123	439
Parker, John, Manchester, England. Means for transporting rabbit or poultry hutches or the like.	823,544	June 19	2671	563	122	2415
Parker, John, assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Vertical spindle attachment.	825,409	July 10	1449	304	123	394

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Parker, John C., Brockport, assignor of one-half to C. A. Parker, Poughkeepsie, N. Y. Barrel.....	828,899	Aug. 21	2424	515-16	123	2335
Parker, John E. (See Goss and Parker.)						
Parker, John H., Saugus, Mass. Rosette for electric-light wires.....	816,033	Mar. 27	4158	880	121	1064
Parker, John O., assignor to Champion Coated Paper Company, Hamilton, Ohio. Paper-coating machine.....	836,336	Nov. 20	2856	607	125	806
Parker, John W., Mexico, Mexico. Apparatus for cleansing harbors.....	833,543	Oct. 16	3094	656-7	124	2053
Parker, John W., Mexico, Mexico. Cleansing harbors.....	833,544	Oct. 16	3097	657-8	124	2054
Parker, John W., Mexico, Mexico. Gutter-curb and means for protecting curb angles.....	833,623	Oct. 16	3263	694	124	2094
Parker, Jonathan B., <i>et al.</i> (See Shaw, Anthony J., assignor.)						
Parker, Jones H., St. Louis, Mo. Reversible window.....	835,251	Nov. 6	757	158-9	125	192
Parker, Joseph N., Bedford City, Va. Calendar.....	822,690	June 5	934	190	122	1935
Parker, Levin S., assignor to James Reilly Repair and Supply Company, New York, N. Y. Dredge.....	821,669	May 29	5382	1148-9	122	1429
Parker, Levin S., assignor to James Reilly Repair and Supply Company, New York, N. Y. Dredge.....	821,670	May 29	5386	1149	122	1430
Parker, Lewis C., St. Joseph, Mo. Feeding mechanism for gas-producers.....	836,888	Nov. 27	3970	848	125	1117
Parker, Lewis C., St. Joseph, Mo. Apparatus for carbureting gas.....	838,805	Dec. 18	3034	654	125	2191
Parker, Lewis C., Rochester, N. Y. Gas-producer.....	837,584	Dec. 4	610	142	125	1504
Parker, Nathaniel W., South Granville, N. Y. Butter-mold.....	829,287	Aug. 21	3232	680	123	2540
Parker, Orin, Dubuque, Iowa. Apparatus for distilling water.....	829,999	Sept. 4	169	29-30	124	41
Parker, Ralph, Lakewood, N. J. Plumber's clamp.....	817,513	Apr. 10	1926	406	121	1839
Parker-Smith, Augustus, New York, N. Y. Fluid-pressure brake.....	827,880	Aug. 7	370	79	123	1762
Parker, William H. (See Falk and Parker.)						
Parker, William H., Royaloak, Mich. Dust-allayer for automobiles.....	809,738	Jan. 9	2277	471	120	533
Parkersburg Machine Company. (See Callanan, James T., assignor.)						
Parkerson, Richard K., Ealing, New Zealand. Water-motor.....	810,507	Jan. 23	3896	800	120	973
Parkes, Frank, Birmingham, England. Spade and similar handle.....	812,675	Feb. 13	2321	505-6	120	2036
Parkes, George W., Manchester, England. Driving-belt.....	823,892	June 19	3319	707	122	2559
Parkes, Helen W., and S. L. Vincent, Cleveland, Ohio. Electric railway-signal.....	810,560	Jan. 23	4004	825	120	996
Parkes, John N., <i>et al.</i> (See McGregor, Archibald, assignor.)						
Parkes, William N., Brooklyn, N. Y. Ratchet mechanism.....	835,197	Nov. 6	645	133	125	164
Parkhill, Alice M., Chicago, Ill. Invalid's bed.....	836,889	Nov. 27	3973	848-9	125	1118
Parkhurst, Frank W., assignor of one-half to R. M. Johnson, Hallowell, Me. Foot for shoe-sewing machines.....	834,072	Oct. 23	4345	923-4	124	2400
Parkhurst, Frederic H., assignor to J. F. Parkhurst & Son Co., Bangor, Me. Wardrobe-trunk.....	822,384	June 5	304	62	122	1791
Parkhurst, Lemuel W., Twana, Wash. Saw gage and jointer.....	810,802	Jan. 23	4459	925	120	1095
Parkinson, Edward, Providence, R. I. Weft-fork for looms.....	825,004	July 3	651	131	123	170
Parkinson, Joseph O., Ramet Yvoz, Val St. Lambert, Belgium. Removable wall and ceiling covering.....	815,550	Mar. 20	3153	660	121	794
Parkison, John E., Denver, Colo. Grate.....	828,769	Aug. 14	2153	456	123	2235
Parkison, John E., Denver, Colo. Grate.....	834,932	Nov. 6	111	22	125	31
Parks Brothers and Rogers. (See Sylvestre, Irving M., assignor.)						
Parks, Charles F. (See Ford and Parks.)						
Parks, Clarence W., assignor to D. G. Look and W. A. Watts, Lowell, Mich. Sprayer.....	818,392	Apr. 17	3674	789	121	2270
Parks, Dennis. (See Mitchell and Parks.)						
Parks, John R., and J. H. Day, Wood Lake, Nebr. Draft-equalizer.....	816,816	Apr. 3	523	113	121	1473
Parks, Russell L. (See Crane, Edward W., assignor.)						
Parks, Samuel R., Maxwell, Ga. Square.....	821,374	May 22	4803	1020	122	1248
Parks, Thomas W., assignor of one-half to W. B. Chenoweth, Alexandria, Ind. Auxiliary vehicle-seat.....	812,360	Feb. 13	1701	373-4	120	1913
Parlin & Orendorff Company. (See Graham, William S., assignor.)						
Parmelee, Charles L., Orange, N. J., and E. G. Williams, Washington, D. C. Tunnel-shield.....	810,428	Jan. 23	3729	769	120	932
Parmelee, George H. (See Brown, William M., assignor.)						
Parmelee, Hubert S. (See Fancher and Parmelee.)						
Parmenter, Isaac W. (See Fiske, Henry P., assignor.)						
Parmenter, Orville L., assignor to Racine Paper Goods Company, Racine, Wis. Cigar-pocket.....	837,954	Dec. 11	1334	292	125	1727
Parmley, William V. (See Lattimore and Parmley.)						
Parnall, Thomas S. B., Soho Foundry, near Birmingham, assignor of one-half to W. & T. Avery Limited, Birmingham, England. Weighing-machine.....	837,420	Dec. 4	284	69-70	125	1427
Paroubek, Blahomraf A., Plainfield, N. J. Finger-bandage.....	835,980	Nov. 13	2127	456	125	573
Parr, Harry L., Yonkers, and C. E. Lucke, New York, N. Y. Reversing mechanism for engines.....	815,732	Mar. 20	3531	741	121	876
Parris, Roy F., Bath, Me. Trousers-support.....	836,136	Nov. 20	2452	515	125	707
Parrish, E. J., <i>et al.</i> (See Tatum, James W., assignor.)						
Parrish, Ezekiel L., Crockett, Tex. Ventilating apparatus.....	814,620	Mar. 6	1233	260	121	267
Parrish, Frances E., deceased, New York, N. Y.; S. M. P. Holmes, administratrix. Educational apparatus.....	811,169	Jan. 30	5202	1087	120	1289
Parrish, Howard L., Coshocton, Ohio. Riding attachment.....	838,743	Dec. 18	2902	625-6	125	2160
Parrish, James H., Baltimore, Md., assignor to Caffeno Drug Company. Combined wrapper and label for bottles and boxes.....	828,770	Aug. 14	2155	456	123	2236
Parrish, John S., Shadwell, Va. Washing-machine.....	824,435	June 26	4376	931	122	2840
Parrish, Ralph J. (See Brown, Williamson, Parrish, and Nail.)						
Parrish, Thomas K. (See Reams, Joseph A., assignor.)						
Parrish, Thomas K., Richmond, Va. Pall-cover fastener.....	829,887	Aug. 28	4513	952	123	2901
Parrish, Thomas K., Richmond, Va. Ice-cream freezer.....	830,166	Sept. 4	535	108	124	136
Parrish, Washington B., Kara, Va. Fertilizer-distributor.....	829,423	Aug. 28	3515	738	123	2656
Parrish, William N., assignor of one-half to W. H. Alford, Richmond, Ind. Wire-fabric-making machine.....	816,034	Mar. 27	4159	880-1	121	1064
Parry, Samuel, Clay Center, Kans. Calf-weaner.....	825,554	July 10	1793	378	123	480
Parry, William, Crown Point, Ind. Portable burial-vault.....	823,893	June 19	3520	707	122	2559
Parry, William F. (See Roehr, Curt J., assignor.)						
Parsell, Orlando W., Flushing, Mich. Truck-scale.....	837,955	Dec. 11	1335	293	125	1727
Parshall, Horace F., London, England, assignor to General Electric Company. Distant control of electric motors.....	827,322	July 31	5381	1119	123	1422
Parson, Henry E., New York, N. Y. Locomotive ash-pit and blower.....	809,215	Jan. 2	1168	241-2	120	257
Parsons, Arthur. (See Carter, Hall, and Parsons.)						
Parsons, Charles A. (See Barker, John H., assignor.)						
Parsons, Charles A., Newcastle-upon-Tyne, England. Gramophone.....	814,561	Mar. 6	1126	234	121	245
Parsons, Charles A., Newcastle-upon-Tyne, England. Sound-producing instrument.....	816,180	Mar. 27	4464	945	121	1129
Parsons, Charles A., Newcastle-upon-Tyne, England. Sound reproducer or intensifier applicable to phonographs, gramophones, &c.....	817,868	Apr. 17	2626	569	121	2045
Parsons, Charles A., and G. G. Stoney, Newcastle-upon-Tyne, England. Steam-turbine.....	822,150	May 29	6323	1345	122	1644

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Parsons, Charles A., Newcastle-upon-Tyne, H. Hall and J. Turnbull, Wallsend, England; said Hall and Turnbull assignors to said Parsons. Steam-turbine shaft.....	838,744	Dec. 18	2903	626-7	125	2160
Parsons, Charles E., Glens Falls, N. Y. Cushion device for gates of water-wheel casings.....	810,803	Jan. 23	4460	926	120	1095
Parsons, Charles L., Durham, N. H. Gas-generator.....	811,737	Feb. 6	377	82	120	1569
Parsons, Edward T., Belleville, and V. Pennington, Jr., Newark, assignors to C. A. Thomson Machine Company, Belleville, N. J. Dough-dividing machine.....	836,777	Nov. 27	3757	801	125	1061
Parsons, Francis W., Osterville, Mass. Railway coupling and draw-bar.....	817,444	Apr. 10	1786	376	121	1809
Parsons, Francis W., Osterville, Mass. Railway.....	839,633	Dec. 25	4688	1001	125	2640
Parsons, Frederick W., Cleveland, Ohio. Collar.....	809,009	Jan. 2	767	166	120	169
Parsons, Frederick W., Cleveland, Ohio. Shirt-collar.....	824,577	June 26	4656	990	122	2902
Parsons, Frederick W., Tarrytown, N. Y. Pneumatic-motor tool-stock.....	821,960	May 29	5959	1269-70	122	1558
Parsons, Henry, Marlboro, Mass. Beam-presser.....	812,290	Feb. 13	1586	347	120	1888
Parsons, James L., Jr., Washington, D. C. Combined derrick and concrete-mixer.....	811,243	Jan. 30	5351	1117	120	1322
Parsons, Joseph H., Florida, N. Y. Folding crate or box.....	835,318	Nov. 6	887	188	125	225
Parsons, Joseph H., Florida, N. Y. Shears.....	838,446	Dec. 11	2334	506	125	1977
Parsons, Louis R., Stronghurst, Ill. Railway-switch.....	811,738	Feb. 6	379	83	120	1569
Parsons, Louis R., Raritan, assignor of one-twentieth to R. E. Veech, Stronghurst, Ill. Railway-switch.....	836,135	Nov. 20	2449	515	125	707
Parsons, Lovane S., assignor to Kelly & Taneyhill Company, Waterloo, Iowa. Well-drilling machine.....	831,465	Sept. 18	3130	663-4	124	843
Parsons, Reginald B., Kingston-upon-Hull, England. Spring-wheel.....	817,934	Apr. 17	2769	599	121	2079
Parsons, Reginald B., assignor of one-half to F. Blackith and H. Dunkerley, Hull, England. Automatic coupling for railway and other carriages.....	835,914	Nov. 13	2018	429	125	549
Parsons, Richmond. (See Reed and Parsons.)						
Parsons, William F., Beverly, Mass. Work-rest for lathes.....	808,676	Jan. 2	103	23	120	25
Parsons, William J., Montague, assignor to Millers Falls Company, Millers Falls, Mass. Chuck.....	832,412	Oct. 2	792	153	124	1402
Parsons, William J., Montague, Mass., assignor, by mesne assignments, to Millers Falls Company, Millers Falls, Mass. Miter-box.....	834,073	Oct. 23	4348	924-5	124	2401
Partenheimer, Joseph P. (See Smith and Partenheimer.)						
Partenheimer, Otto. (See Engelmann and Partenheimer.)						
Patrick, Minot S., assignor to W. Hobson, South Norwalk, P. F. Crotty and J. Mylod, Norwalk, Conn. Knob attachment.....	831,981	Sept. 25	4205	878	124	1156
Partridge, Allen R., San Francisco, Cal., assignor, by mesne assignments, to Vencedora Mine Equipment Company. Smelting-furnace.....	812,083	Feb. 6	1100	241	120	1713
Parvis, Lewis R., Matamora, Ind. Fan-blower.....	819,079	May 1	89	20	122	24
Pascall, Richard H., assignor to Pickering Governor Company, Portland, Conn. Governor for engines.....	815,114	Mar. 13	2230	468	121	541
Paschall, Justice C., Merchantville, N. J., assignor of one-half to D. Swope, Philadelphia, Pa. Apparatus for pumicing skins, leather, fabrics, &c.....	838,268	Dec. 11	2008	430	125	1896
Paschke, Herbert, New York, N. Y. Producing mastic.....	832,697	Oct. 9	1369	.....	124	1582
Paslek, August F., Detroit, Mich. Driving-gear for steering-wheels.....	835,252	Nov. 6	760	159	125	192
Pashley, Charles L., Stamford, N. Y. Chicken-brooder.....	836,276	Nov. 20	2740	582	125	779
Pashley, Edwin, Pittsburg, Pa. Combined paper and book holder.....	822,691	June 5	935	191	122	1935
Pask, George L., Elgin, Ill. Letter-box.....	816,366	Mar. 27	4855	1029	121	1213
Pass & Seymour. (See Salisbury, Bert E., assignor.)						
Pass & Seymour. (See Seymour, Albert P., assignor.)						
Passburg, Emil, Berlin, Germany. Vacuum-drier.....	830,521	Sept. 11	1264	262	124	339
Passburg, Emil, Berlin, Germany. Cable-drying apparatus.....	839,191	Dec. 25	3789	818	125	2423
Passeron, Jean C. M., Lyon, France. Elastic wheel.....	836,337	Nov. 20	2857	607	125	847
Passino, Franklin G., Memphis, Tenn. Holder or receptacle for labels, tickets, &c.....	823,357	June 12	2281	477	122	2203
Passmore, Jason, Duncannon, Pa. Wire-stretcher.....	834,534	Oct. 30	5277	1121	124	2657
Passos, Fernando C. dos, Augusta, Ga. Retaining device.....	818,282	Apr. 17	3458	744	121	2223
Pastore, Ernesto, New Haven, Conn. Combined tweezers, needle, and eye-curette.....	809,579	Jan. 9	1959	407	120	466
Patch, Allen J., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Brake for windmills.....	831,567	Sept. 25	3352	704-5	124	934
Patch, Allen J., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Pneumatic hammer.....	836,778	Nov. 27	3763	802	125	1062
Patch, Frederick H., Richmond, Va. Adhesive and making same.....	809,739	Jan. 9	2279	.....	120	534
Patchin, George. (See Rumbold and Patchin.)						
Patchogue Manufacturing Co. (See Schöchli, Rudolf, assignor.)						
Pattee, Fred, Indianapolis, Ind. Cooling device for explosion-motors.....	829,599	Aug. 28	3911	828-9	123	2755
Patenall, Frank P. J., Baltimore, Md. Apparatus for moving railway switches and signals.....	830,522	Sept. 11	1265	262-3	124	339
Patenaude, Elzear, <i>et al.</i> (See La Londe, Moses, assignor.)						
Patent Button Company. (See White, Franklin R., assignor.)						
Patent Fin Hot Water Heating Company. (See Offtender, Henry T., assignor.)						
Patent Fin Hot Water Heating Company. (See Wheelock, Frank H., assignor.)						
Patent Holding Company. (See Jackson, Charles B., assignor.)						
Paterson, Alexander, Wilkinsburg, Pa. Rolling sheets.....	819,589	May 1	1085	239	122	244
Paterson, Patrick, and W. Gregory, Cleveland, Ohio. Nozzle-coupling.....	825,480	July 10	1619	337	123	440
Pates, James S., <i>et al.</i> (See Keefer, William W., assignor.)						
Pates, James S., Monongahela, assignor to W. W. Keefer, J. S. Pates, and S. A. Scott, Pittsburg, Pa. Coal-tipple.....	827,560	July 31	5944	1233	123	1559
Pates, James S., Monongahela, assignor to Coal Handling Machinery Company, Pittsburg, Pa. Coal-tipple. (Reissue).....	12,553	Nov. 6	1219	263-4	125	306
Patitz, Johann F. M., assignor to Allis-Chalmers Company, Milwaukee, Wis. Valve for blowing-engines.....	831,982	Sept. 25	4206	878	124	1156
Patitz, Johann F. M., assignor to Allis-Chalmers Company, Milwaukee, Wis. Valve for blowing-engines.....	835,712	Nov. 13	1640	349	125	457
Paton, John D., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Trolley for railway-vehicles.....	824,201	June 26	3899	832	122	2742
Patrick, John H. (See Linn and Patrick.)						
Patrick, Joshua, assignor to International Electric Meter Company, Chicago, Ill. Electrical measuring instrument.....	817,869	Apr. 17	2629	569-70	121	2045
Pattee, Herbert H., New York, N. Y. Spherical amusement-vehicle.....	815,210	Mar. 13	2439	508-9	121	591
Pattee, Herbert H., New York, N. Y. Amusement device.....	826,738	July 24	4188	869-70	123	1110
Pattee, Herbert H., New York, N. Y. Carousel.....	835,864	Nov. 13	1929	407	125	527
Pattee, Herbert H., East Orange, N. J., and C. L. Duenkel, New York, N. Y. Amusement-vehicle.....	815,211	Mar. 13	2443	509-10	121	592
Patten, Alonzo R., Hyde Park, Mass. Shuttle-box-operating mechanism for looms.....	832,154	Oct. 2	276	53	124	1279
Patten, James S., Baltimore, Md. Dust-guard.....	825,411	July 10	1454	305	123	395
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Ribbed journal-box.....	818,912	Apr. 24	4723	1013	121	2552
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Journal-box and dust-guard.....	820,009	May 8	2006	440	122	510

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Con- caved journal-box and dust-guard	822,759	June 5	1053	215-16	122	1959
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Con- vex journal-box and dust-guard	822,760	June 5	1054	216	122	1960
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Jour- nal-box for cars	822,761	June 5	1056	216-17	122	1960
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Brass for journal-boxes	822,762	June 5	1058	217	122	1960
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Waste- supporting attachment for journal-boxes	829,170	Aug. 21	3007	627-8	123	2485
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Journal box and lid	830,523	Sept. 11	1268	263	124	340
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Journal box and lid	831,466	Sept. 18	3132	664	124	843
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Com- bined brass and waste support	832,500	Oct. 2	965	192	124	1444
Patten, James S., assignor to Baltimore Journal Box Company, Baltimore, Md. Jour- nal-box	833,695	Oct. 16	3403	725	124	2125
Patten, James S., Baltimore, Md., assignor to Baltimore Journal Box Company of Bal- timore City. Journal-box	824,578	June 26	4656	991	122	2902
Patten, James S., Baltimore, Md., assignor to B. Lee and G. H. Lamar, Washington, D. C. Dust-guard	825,410	July 10	1452	305	123	395
Pattenden, Alexander and A. B., Buffalo, N. Y. Disinfecting device for sink-drains	810,973	Jan. 30	4826	1003	120	1208
Pattenden, Annie B. (See Pattenden, Alexander and A. B.)						
Patterson, Charles C., <i>et al.</i> (See Denmead, John W., assignor.)						
Patterson, Charles L., Detroit, assignor to J. B. Timberlake, Jackson, Mich. Garment- hanger	822,981	June 12	1485	309	122	2099
Patterson, Clarence G., South Berkeley, Cal. Vacuum-control system	838,209	Dec. 11	1882	403-4	125	1868
Patterson, David. (See Jones and Patterson.)						
Patterson, Eugene A., Dunbar, Nebr. Pinch-bar	820,985	May 22	4033	857	122	1077
Patterson, Frank M., Winfield, Kans. Lifting-jack	828,771	Aug. 14	2156	456	123	2236
Patterson, Frederic N., Marianna, Ark. Shoe-protector	820,250	May 8	2503	541	122	620
Patterson, George, and J. B. Ireland, Broderick, Cal. Box-lid clamp	838,745	Dec. 18	2906	627	125	2161
Patterson, George W., <i>et al.</i> (See Dudley, Pemberton, assignor.)						
Patterson, James L., assignor to Union Special Sewing Machine Company, Chicago, Ill. Seam for sewed articles	812,802	Feb. 13	2556	562	120	2086
Patterson, James W. (See Webster, John A., assignor.)						
Patterson, James W., New York, N. Y. Vending-machine	837,337	Dec. 4	116	31	125	1383
Patterson, John S., Revere, Mass. Deckle-strap	826,739	July 24	4189	870	123	1110
Patterson, John S., assignor to A. P. Howard, Pittsburg, Pa. Metallic wall-covering	827,992	Aug. 7	599	122	123	1819
Patterson, John S., assignor to J. S. Wilson, Chelsea, Mass. Hose	834,074	Oct. 23	4351	925	124	2401
Patterson, John W., Tiskilwa, Ill. Wagon-bracket	818,283	Apr. 17	3459	744	121	2226
Patterson, John W., Reed City, Mich. Spraying-machine	827,174	July 31	5109	1063	123	1356
Patterson, Joseph C., Meadville, Pa. Table-screen	814,473	Mar. 6	958	196	121	209
Patterson, Lemuel, Olean, N. Y. Wall-plug	831,092	Sept. 18	2432	512	124	668
Patterson, Mildred V. W., Rensselaer, N. Y. Dress-shield fastener	832,155	Oct. 2	279	53	124	1280
Patterson, Oliver Q. (See Evans and Patterson.)						
Patterson, Peter, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Tube welding and finishing apparatus	826,189	July 17	3043	632	123	806
Patterson, Peter C., McKeesport, assignor to National Tube Company, Pittsburg, Pa. Device for operating mandrel-bars	812,226	Feb. 13	1446	315-16	120	1855
Patterson, Randall M., Weatherford, Okla. Ter. Acetylene-gas machine	831,519	Sept. 18	3239	683	124	871
Patterson, Rufus L., <i>et al.</i> (See Tyberg and Mantle, assignors.)						
Patterson, Rufus L., Durham, N. C. Machine for packing tobacco	829,288	Aug. 21	3233	680-3	123	2540
Patterson, Samuel, and J. W. Wiseman, Gonzales county, Tex. Signal-lock for mail- boxes	833,798	Oct. 23	3613	772	124	2223
Patterson, Thomas, Toronto Junction, Canada. Clamping-elbow for tubular farm- gates	820,436	May 15	2863	623	122	758
Patterson, Thomas, assignor to Dominion Fence Company, Limited, Toronto, Canada. Wire-fence-making machine	828,772	Aug. 14	2157	457-8	123	2226
Patterson, Thomas C., New York, N. Y. Lathe-dog	813,445	Feb. 27	3856	845	120	2471
Patterson, Thomas S., New York, N. Y. Lubricator for crank and similar shafts	809,740	Jan. 9	2279	472	120	534
Patterson, Thomas S., New York, N. Y. Centrifugal filter	827,263	July 31	5271	1093	123	1395
Patterson, Walter D. (See Amberg and Patterson.)						
Patterson, Warren A., assignor to American Cotton Separator Company, St. Louis, Mo. Cotton-separator	822,864	June 5	1253	258-9	122	2001
Patterson, Warren A., assignor to American Cotton Separator Company, St. Louis, Mo. Separating cotton	822,903	June 5	1334	276	122	2017
Patterson, William A., Pittsburg, Pa. Telephone attachment	831,889	Sept. 25	4038	841	124	1114
Patterson, William D., <i>et al.</i> (See Tymn, Cecil, assignor.)						
Patterson, William J., assignor to Heyl & Patterson, Incorporated, Pittsburg, Pa. Con- veyer	835,288	Nov. 6	821	171	125	208
Patterson, William J., and L. J. Robb, assignors to Heyl & Patterson, Pittsburg, Pa. Coal-handling plant	812,084	Feb. 6	1101	242-3	120	1713
Patterson, William S., Salt Lake City, Utah. Lubricator	809,393	Jan. 9	1601	324	120	385
Pattison, James. (See Gorden, James H., assignor.)						
Patthey, Henry L., Bay Shore, N. Y. Trellis-wire	831,983	Sept. 25	4208	878	124	1157
Pattison, John W. (See Rea and Pattison.)						
Patton, Alva A. (See Ernst and Patton.)						
Patton, James A., Williamsport, Pa. Buckle	836,338	Nov. 20	2859	607	125	807
Patton, John B. (See Engberg, Ephraim O., assignor.) (Reissue.)						
Patton, Timothy W. (See Cook, Edward A., assignor.)						
Patton, William J. (See Chambers, James A., assignor.)						
Patton, William J., Springdale, Ark. Current water-wheel	817,870	Apr. 17	2630	570	121	2046
Paugh, Benjamin, Parsons, W. Va. Mandrel	833,481	Oct. 16	2981	632	124	2027
Paul, Andrew, <i>et al.</i> (See Smith, John A., assignor.)						
Paul, Andrew G., Boston, Mass. Heating system	831,017	Sept. 11	2227	471	124	588
Paul, Andrew G., Boston, Mass. Heating system	833,891	Oct. 23	3839	815	124	2280
Paul, Andrew G., Boston, Mass., assignor to Pakin Company. Heating system	823,074	June 12	1688	349	122	2143
Paul, Andrew G., Boston, Mass., assignor to Pakin Company. Heating system	838,641	Dec. 18	2723	584	125	2116
Paul, George B., Clinton, Mo. Horseshoe	821,530	May 22	5106	1088	122	1313
Paul, Irving C., assignor, by mesne assignments, to Paul Pattern Company, Cincinnati, Ohio. Card game	812,676	Feb. 13	2322	506	120	2036
Paul, James M., El Paso, Tex. Carrier for game	825,753	July 10	2231	465	123	590
Paul, Johann G. W., Schiltigheim, and J. Thau, Strassburg, Germany. Fireplace	833,414	Oct. 16	2829	600	124	1992
Paul, John T. H., assignor to E. Goldman & Company, Chicago, Ill. Filter	812,517	Feb. 13	2009	440-1	120	1976

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Paul, John T. H., assignor to E. Goldman & Company, Chicago, Ill. Bottle-washer . . .	827,388	July 31	5507	1145-7	123	1453
Paul, John T. H., Chicago, Ill., assignor to E. Goldman & Company. Filter . . .	827,389	July 31	5515	1147	123	1455
Paul, John T. H., Chicago, Ill., assignor to E. Goldman & Company. Filter . . .	827,390	July 31	5516	1148	123	1455
Paul, John T. H., assignor to E. Goldman & Company, Chicago, Ill. Filter . . .	834,637	Oct. 30	5496	1166-7	124	2738
Paul, John W., Kittanning, Pa. Type-writer . . .	824,579	June 26	4659	991-2	122	2902
Paul, Nathaniel L. (See Fullbright, Thomas, assignor.)						
Paul Pattern Company. (See Paul, Irving C., assignor.)						
Paul, Robert J., and W. C. Kershner, Dayton, Ohio. Form for concrete-sewer construction . . .	821,824	May 29	5705	1215-16	122	1503
Paul, Wesley A. (See Paul, William L. and W. A.)						
Paul, William L., assignor to David Bradley Manufacturing Company, Bradley, Ill. Coupling for agricultural implements, &c. . .	808,677	Jan. 2	104	24	120	25
Paul, William L., assignor to David Bradley Manufacturing Company, Bradley, Ill. Cultivator . . .	821,119	May 22	4287	913	122	1132
Paul, William L., assignor to David Bradley Manufacturing Company, Bradley, Ill. Seeding-machine . . .	834,993	Nov. 6	225	48-9	125	60
Paul, William L., assignor to Peru Plow & Wheel Company, Peru, Ill. Landing-lever for sulky-plows . . .	838,894	Dec. 18	3186	687	125	2228
Paul, William L. and W. A., assignors to David Bradley Manufacturing Company, Bradley, Ill. Agricultural implement . . .	836,779	Nov. 27	3767	803-4	125	1063
Pauli, Marguerite. (See Crowley, John F., assignor.)						
Pauli, Michael F. (See Foot and Pauli.)						
Pauling, Arthur and H., Bismarck, assignors to Chemische Fabriken Gladbeck, Gesellschaft mit beschränkter Haftung, Gladbeck, Germany. Making nitric acid from air . .	814,917	Mar. 13	1817	380	121	455
Pauling, Harry. (See Pauling, Arthur and H.)						
Pauli, James, and A. G. Neville, assignors to Eagle Glass & Manufacturing Company, Wellsburg, W. Va. Glass article . . .	815,033	Mar. 13	2075	435	121	507
Pauli, William H. (See Symons and Pauli.)						
Paulsen, Feder, assignor to Epping-Carpenter Company, Pittsburg, Pa. Steam-pump . .	832,806	Oct. 9	1592	326-7	124	1634
Paulson, Charles J., Brooklyn, N. Y. Escapement mechanism for type-writers . . .	833,971	Oct. 23	4109	874	124	2342
Paulson, Knut, Manistique, Mich. Fish-net-lifting machine . . .	812,677	Feb. 13	2323	506-7	120	2036
Paulus, George H., Detroit, Mich. Sharpening device for lawn-mowers and other articles .	831,183	Sept. 18	2592	546	124	705
Paulus, John, Afton, Iowa. Trough for feeding and watering stock . . .	822,763	June 5	1059	217	122	1961
Pauly, Albert A., Youngstown, Ohio. Apparatus for forming artificial-stone building-blocks from concrete . . .	822,013	May 29	6053	1290-1	122	1580
Pauly, Albert A., Youngstown, Ohio. Concrete-constructing machine . . .	829,227	Aug. 21	3110	654	123	2511
Pauly, Albert A., Youngstown, Ohio. Concrete construction . . .	829,228	Aug. 21	3112	654	123	2511
Pauly, Albert A., and D. Heinzelman, Youngstown, Ohio. Concrete-molding apparatus .	839,782	Dec. 25	4986	1064-5	125	2715
Paupa, Joseph, and G. F. Hochriem, Chicago, Ill. Vending-machine . . .	839,192	Dec. 25	3791	818-20	125	2424
Pavey, William B., assignor to Economy Engineering Co., Chicago, Ill. Elevator for barrels and the like . . .	826,877	July 24	4458	928	123	1178
Pawley, Ernest C., assignor to Smith Manufacturing Company, Chicago, Ill. Centrifugal liquid-separator . . .	825,412	July 10	1455	305	123	396
Pawlowski, Franz, Vienna, Austria-Hungary. Current-rectifier . . .	830,924	Sept. 11	2058	434	124	548
Pax, Edward, and W. D. Carrick, Milwaukee, Wis. Combined signal-flag, staff, and holder . . .	815,115	Mar. 13	2232	463	121	542
Paxson, Wallace T., assignor to J. B. Maxwell, Washington, D. C. Smoke-consuming furnace . . .	809,458	Jan. 9	1731	357	120	414
Paxton, John B., and E. I. O'Neill, Philadelphia, Pa. Circular-knitting machine . . .	811,577	Feb. 6	84	17-18	120	1504
Paxton, Sherman H. (See Shigley and Paxton.)						
Pay, Charles, Providence, R. I. Wagon-tipping device . . .	816,035	Mar. 27	4164	882	121	1065
Payette & Company, George. (See Lord, Peter, assignor.)						
Payette, William J., Centralia, Wash. Plow attachment . . .	812,085	Feb. 6	1104	243	120	1714
Payne, Calvin N., Titusville, Pa. Speed device . . .	839,416	Dec. 25	4230	906	125	2530
Payne, Charles H., Milligan, Tenn. Cabinet-index . . .	809,741	Jan. 9	2280	472	120	534
Payne, Claude L., Salem, Ind. Excavator . . .	825,005	July 3	652	131-2	123	171
Payne, Darius W., Minneapolis, Minn. Pasteurizer or cooler . . .	811,170	Jan. 30	5204	1088	120	1289
Payne, Darius W., Minneapolis, Minn. Combined cooler, cream-ripeners, and pasteurizer . .	816,181	Mar. 27	4466	945-6	121	1130
Payne, Edward F. (See Levison, Chancellor G., assignor.)						
Payne, Edwin W., Crewe, Va. Hood or shield for locomotive-cab windows . . .	824,261	June 26	4023	861	122	2768
Payne, Fred S., Boston, Mass. Safety device for elevators . . .	809,320	Jan. 9	1433	290	120	349
Payne, Fred S., Boston, Mass. Apparatus for operating elevator-doors . . .	839,314	Dec. 25	4031	867	125	2481
Payne, George E. (See Hinds and Payne.)						
Payne, Grace B., Erie, Pa. Tape-needle . . .	833,799	Oct. 23	3614	773	124	2223
Payne, Harry E., Woodstock, Vt. Bottle-stopper . . .	816,120	Mar. 27	4344	920	121	1103
Payne, John W., Elba, Va. Pruning implement . . .	822,764	June 5	1060	218	122	1961
Payne, John W., assignor of one-third to G. L. Olds, Alexandria Bay, N. Y. Steam-generator . . .	809,839	Jan. 9	2456	510	120	573
Payne, Lewis, Elgin, Tex. Nut-lock . . .	818,913	Apr. 24	4725	1014	121	2553
Payne, Marshall J., Staunton, Va. Type-writer . . .	837,338	Dec. 4	118	31-2	125	1384
Payne, Marvin H. (See Payne, Thomas P., assignor.)						
Payne, Reginald H., Aylesbury, England. Bridge for stringed musical instruments . .	809,459	Jan. 9	1733	358	120	414
Payne, Thomas P., assignor to M. H. Payne, New York, N. Y. Excavator . . .	822,865	June 5	1257	259-60	122	2002
Paysen, Andrew, Anadarko, Okla. Ter. Tobacco-pipe . . .	828,333	Aug. 14	1301	275	123	2017
Payton, Lewis A., and C. M. Powell, assignors of one-third to O. E. Powell, Ellendale, Okla. Ter. Weather-strip for doors . . .	818,464	Apr. 24	3812	820	121	2356
Peabody, Ernest H. (See Hunt and Mirk, assignors.)						
Peabody, Ernest H., New York, N. Y. Furnace for burning liquid fuel . . .	836,529	Nov. 20	3235	689	125	896
Peabody, Frank A., et al. (See Peabody, Isaac, assignor.)						
Peabody, George L., Pittsburg, Pa. Reinforcing device for concrete construction . . .	810,561	Jan. 23	4006	825	120	996
Peabody, George L., Pittsburg, Pa. Reinforcing concrete construction . . .	832,557	Oct. 2	1068	214-15	124	1470
Peabody, Isaac, St. Marys, New Brunswick, Canada, assignor to himself, F. A. and R. T. Peabody, Houlton, Me. Conveyor . . .	837,111	Nov. 27	4449	944	125	1232
Peabody, James B., North Manchester, Ind. Folding chair . . .	828,501	Aug. 14	1631	345	123	2103
Peabody, Robert T., et al. (See Peabody, Isaac, assignor.)						
Peabody, Theodore H., et al. (See Horrall, William A., assignor.)						
Peak, Charles A., Evansville, Ind., assignor of one-half to L. Amiet, Henderson, Ky. Hydrant . . .	836,400	Nov. 20	2983	632	125	835
Peake, Albert E., Everett, Wash. Means for displaying pictures and the like . . .	811,432	Jan. 30	5707	1195	120	1396
Peake, Harry G., and J. Henderson, assignors to W. P. Hammon, Oroville, Cal. Dredge-bucket coupling . . .	812,518	Feb. 13	2011	441	120	1977
Pealing, Joseph J., and J. D. Harrison, Liverpool, England. Lathe . . .	815,733	Mar. 20	3534	741-2	121	877
Pearce, Charles F., assignor to F. Pearce, New York, N. Y. Dial-transmitter . . .	811,950	Feb. 6	828	182-4	120	1658
Pearce, Charles H. (See Nolan and Pearce.)						
Pearce, David M., Union City, Tenn. Seed-planter . . .	223,358	June 12	2283	477-8	122	2274

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Pearce, Frederick. (See Pearce, Charles F., assignor.)						
Pearce, Harold V. (See Knight and Pearce.)						
Pearce, Henry J. (See Avery and Pearce.)						
Pearce, John R., assignor of one-third to R. H. Briggs, Sr., Memphis, Tenn. Gearing for power-drills.	832,077	Oct. 2	93	21	124	1234
Pearce, Joshua, Pickering, La. Harvester-reel.	809,216	Jan. 2	1170	242	120	257
Pearce, Robert E., Erie, Pa. Cap for milk-jars and the like.	822,471	June 5	465	94	122	1826
Pearce, Robert E., Erie, Pa. Closure for milk-jars and the like.	830,450	Sept. 4	1113	234	124	275
Pearce, William H., Oak Park, Ill. Tip-tank weighing-machine or meter.	821,531	May 22	5107	1088	122	1313
Pearl Manufacturing Company. (See Dietz, Ernest, assignor.)						
Pearsall Pneumatic Tube and Power Company. (See Batcheller, Birney C., assignor.)						
Pearsall, William, assignor to M. J. Whittall, Worcester, Mass. Needle-loom.	839,315	Dec. 25	4034	867	125	2482
Pearse, Thomas H. (See Smith, William R., assignor.)						
Pearse, Thomas H., Boston, Mass. Roller for roller-gins.	825,344	July 10	1309	275	123	359
Pearson, Carl F., Chicago, Ill. Vaporizer for hydrocarbon-engines.	825,754	July 10	2232	465	123	590
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Hay-rake.	836,138	Nov. 20	2454	516	125	708
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Supporting mechanism for harvester-reels.	836,205	Nov. 20	2589	545	125	739
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Hay-rake.	836,206	Nov. 20	2591	546	125	740
Pearson, Ellis S., Bradford, Ohio. Street-cleaning machine.	817,662	Apr. 10	2194	468	121	1894
Pearson Fire Alarm. (See McNeil, Alfred H., assignor.)						
Pearson, Frank E., San Francisco, Cal. Ore-concentrator.	833,415	Oct. 16	2830	600	124	1992
Pearson, Hans, Alcester, S. D. Mail-carrying device.	838,746	Dec. 18	2907	627	125	2161
Pearson, Hans, Alcester, S. D. Mail-carrying device.	838,747	Dec. 18	2909	628	125	2162
Pearson, John B., Stoneham, Mass. One-piece blouse garment.	816,367	Mar. 27	4857	1029-30	121	1213
Pearson, John M., Bellevue, assignor to Pearson Manufacturing Company, Allegheny, Pa. Barge and other like vessel.	815,551	Mar. 20	3154	661	121	794
Pearson, John M., Bellevue, assignor to Pearson Manufacturing Company, Allegheny, Pa. Barge.	815,631	Mar. 20	3311	693	121	829
Pearson, Joseph, Philadelphia, Pa. Attachment for looping-machines.	825,155	July 3	929	197	123	244
Pearson, Joseph B. (See Oneal and Pearson.)						
Pearson Manufacturing Company. (See Pearson, John M., assignor.)						
Pearson, O. P., et al. (See Quist, John and C., assignors.)						
Pearson, Thomas S., Clay township, and G. B. Lindsay, Center township, Howard county, Ind. Straw-stack shaper.	812,446	Feb. 13	1874	412	120	1948
Pearson, Walter B., Chicago, Ill., assignor to Standard Screw Company, Detroit, Mich. Threading-die.	830,736	Sept. 11	1737	359	124	469
Pearson, Walter B., Detroit, Mich., and C. E. Roberts, Oak Park, Ill., assignors to Standard Screw Company, Detroit, Mich. Change-speed gearing.	827,175	July 31	5111	1063	123	1357
Pearson, Walter B., Detroit, Mich., and C. E. Roberts, Oak Park, Ill., assignors to Standard Screw Company, Detroit, Mich. Screw-machine.	827,659	July 31	6145	1277-8	123	1613
Pearson, Walter B., Detroit, Mich., and C. E. Roberts, Oak Park, Ill., assignors to Standard Screw Company, Detroit, Mich. Mechanism for feeding bars of stock.	827,660	July 31	6153	1278-80	123	1614
Pearson, Walter B., Detroit, Mich., and C. E. Roberts, Oak Park, Ill., assignors to Standard Screw Company, Detroit, Mich. Mechanism for transmitting movement.	827,661	July 31	6163	1280	123	1617
Pearson, Walter B., Detroit, Mich., and C. E. Roberts, Oak Park, Ill., assignors to Standard Screw Company, Detroit, Mich. Mechanism for intermittently rotating and stopping revolvable members.	827,662	July 31	6165	1280-1	123	1618
Pearson, Walter B., and C. E. Roberts, Chicago, Ill., assignors to Standard Screw Company, Detroit, Mich. Screw-machine.	827,463	July 31	5705	1181-7	123	1503
Pearson, William, Jamison, Pa. Attachment for looping-machines.	828,962	Aug. 21	2537	538	123	2363
Pease, Charles F., Chicago, Ill. Liquid separator and distributor for washing and pot-ashing blue-prints.	828,773	Aug. 14	2166	458	123	2239
Pease, Charles F., Columbus, Ohio. Finishing photographically-printed sheets.	831,520	Sept. 18	3241	684	124	872
Pease, Edwin O., Bangor, Me. Vehicle-tire.	839,634	Dec. 25	4690	1001	125	2641
Pease, Franklin B., Rochester, N. Y. Ladder.	828,049	Aug. 7	720	148	123	1848
Pease, John F., and E. Schumacher, Darlington, England. Wheel.	822,151	May 29	6324	1345	122	1644
Pease, Sumner. (See Turner, Pease, and Martin.)						
Peavey, Charles T. (See Lefferts, Charles S., assignor.)						
Pechiney, Alfred R., Salindres, assignor to Compagnie des Produits Chimiques d'Alais et de la Camargue, Lyon, France. Calcination of hydrated alumina.	811,433	Jan. 30	5708	.....	120	1397
Peck Brothers and Company. (See Newton, William G., assignor.)						
Peck, Daniel C. (See Boyer and Peck.)						
Peck, De Witt K., New Britain, Conn. Drilling-machine.	821,825	May 29	5707	1216-17	122	1503
Peck, Duncan W., Syracuse, N. Y. Telegraph-pole.	821,733	May 29	5524	1178	122	1460
Peck, Eugene C., assignor to Cleveland Twist Drill Company, Cleveland, Ohio. Twist-drill.	826,525	July 17	3745	777	123	982
Peck, Fred R. (See Peck, Louis C. and F. R.)						
Peck, Judson R., Atlanta, N. Y. Compound.	829,031	Aug. 21	2684	.....	123	2398
Peck, Leon L., Canisteo, N. Y. Fire-extinguishing apparatus.	836,207	Nov. 20	2592	546	125	740
Peck, Louis C. and F. R., Berlin, Wis. Door-latch.	830,361	Sept. 4	928	192	124	229
Peck, Luke R., assignor of one-half to C. O. Thomas, Caro, Mich. Cement-tile machine.	819,251	May 1	429	90	122	100
Peck, Luke R., assignor of one-half to C. O. Thomas, Caro, Mich. Tile-machine.	839,635	Dec. 25	4691	1001	125	2641
Peck, Peter, assignor to Central Optical Company, Southbridge, Mass. Spectacle-temple.	827,817	Aug. 7	258	52	123	1735
Peck, Philip C., et al. (See Rossi, Auguste J., assignor.)						
Peck, Philip C. (See Sheehy, James B., assignor.)						
Peck, Staunton B., assignor to Link Belt Machinery Company, Chicago, Ill. Link belt.	836,943	Nov. 27	4106	876	125	1147
Peck, Stow & Wilcox Company. (See Ellrich, Robert C., assignor.)						
Peck, Stow & Wilcox Company. (See Talmadge, Elmer W., assignor.)						
Peck, Stow & Wilcox Company. (See Whitney and Ellrich, assignors.)						
Peck, Walter H., et al. (See Finch, George P., assignor.)						
Peck, William A., Jersey City, N. J. Head for bit-stocks.	814,318	Mar. 6	642	130	121	141
Peck, William A., Jersey City, N. J. Ratchet-movement.	814,319	Mar. 6	644	131	121	141
Peck, William A., Jersey City, N. J. Jaw of bit-stocks.	814,320	Mar. 6	645	131	121	141
Pecenik, Charles E., London, England. Hand-camera.	819,918	May 8	1754	377-8	122	456
Peden, Joseph W., Marshall, assignor to R. C. Teague, W. J. Vaughn, and F. Otto, Detroit, Mich. Vending-machine.	816,594	Apr. 3	99	20	121	1379
Pedersen, Adolph, assignor to Van Dorn-Elliott Electric Co., Cleveland, Ohio. Electrically-operated portable drill.	809,394	Jan. 9	1602	325	120	386
Pedersen, Adolph, assignor to Van Dorn-Elliott Electric Company, Cleveland, Ohio. Motor-controller.	809,460	Jan. 9	1734	358	120	414
Pedersen, Adolph, assignor to Van Dorn-Elliott Electric Company, Cleveland, Ohio. Portable electrically-operated drill. (Reissue.)	12,571	Dec. 4	1242	272-3	125	1663

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Page.	Vol.	Page.
Pedersen, Christian. (See Fleming and Pedersen.)						
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Sewing-machine.	811,578	Feb. 6	90	18-19	120	1505
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Loop-spreader for sewing-machines.	811,579	Feb. 6	92	19	120	1505
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Needle-guide for sewing-machines.	811,580	Feb. 6	93	20	120	1505
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Heating device for sewing-machines.	811,581	Feb. 6	94	20	120	1506
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Mechanism for adjusting the lengths of stitches in sewing-machines.	811,582	Feb. 6	95	20-1	120	1506
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Thread-measurer for sewing-machines.	811,583	Feb. 6	97	21-2	120	1506
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Thread-laying device.	813,822	Feb. 27	4583	1013-14	120	2630
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Sewing-machine.	821,826	May 29	5709	1217-18	122	1504
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Take-up for sewing-machines.	836,208	Nov. 20	2594	546-7	125	741
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Presser-foot mechanism.	836,209	Nov. 20	2595	547	125	741
Pedersen, Johannes T., assignor to Pedersen Manufacturing Company, New York, N. Y. Lubricator.	820,821	May 15	3635	776-7	122	929
Pedersen, Johannes T., assignor to Pedersen Manufacturing Company, New York, N. Y. Lubricator.	827,032	July 24	4745	990	123	1248
Pedersen Manufacturing Company. (See Pedersen, Johannes T., assignor.)						
Pedersen, Peder O., Copenhagen, Denmark. Mechanism for operating the recording and reproducing mechanisms of telegraphophones.	819,670	May 1	1246	272	122	280
Pedersen, Peder O., Copenhagen, Denmark. Electric contact device.	839,027	Dec. 18	3421	738-9	125	2286
Pedersen, Peder O., Copenhagen, Denmark, assignor to American Telegraphphone Company. Magnetizable body for the magnetic record of speech, &c.	836,339	Nov. 20	2860	608	125	807
Pederson, Charles S., Alstad, Wis. Collar and cuff button.	819,590	May 1	1086	239	122	244
Pederson, Lars. (See Anderson and Pederson.)						
Pederson, Lars P., Westbrook, Minn. Cylinder-tooth.	813,579	Feb. 27	4126	904	120	2532
Pedley, W. E., administrator. (See Praed, Humphrey M.)						
Pedretti, Hercules, and A. Reuss, New York, N. Y. Leaf-turner.	836,703	Nov. 27	3603	768	125	1019
Pedrick, Frank, Columbus, Ohio. Ornamental brick.	827,464	July 31	5732	1187	123	1507
Pee Dee Iron Works. (See Smith, John D., assignor.)						
Peebles, Archibald M., Meadville, Pa. Car and engine replacer.	826,961	July 24	4610	961	123	1217
Peebles, William F. (See Knowles, John R., assignor.)						
Peek, William H., U. S. Army. Mooring.	825,755	July 10	2234	465	123	590
Peer Artificial Leg Manufacturing Co. (See Peer, John A., assignor.)						
Peer, John A., assignor to Peer Artificial Leg Manufacturing Co., Washington, D. C. Artificial leg.	822,385	June 5	305	63	122	1792
Peerless Machinery Company. (See Glass, Perley R., assignor.)						
Peerless Motor Car Company. (See Mooers, Louis P., assignor.)						
Peerless Motor Car Company. (See Schmidt, Charles, assignor.)						
Peerless Non Refillable Bottle Company. (See Stewart, Frederick W., assignor.)						
Peery, Macanus B., Rogers, Ark. Coffee-pot.	814,724	Mar. 13	1462	307	121	380
Peete, Benjamin B., Belle Mina, Ala. Shock-support.	816,595	Apr. 3	100	20-1	121	1379
Peez, Gustav, New York, N. Y., assignor, by mesne assignments, to T. J. Moran, Arlington, N. J. Ironing-wax pad.	821,532	May 22	5111	1088	122	1314
Peffer, Harry C., East St. Louis, Ill., assignor to Pittsburgh Reduction Company, New Kensington, Pa. Manufacturing alumina.	826,354	July 17	3368		123	883
Pegram, George H., New York, N. Y. Form for the construction of plaster and concrete structures.	826,878	July 24	4461	928-9	123	1178
Pehrson, Adam H., Stockholm, Sweden. Refrigerating device for the hot metal in the production of rods and the like directly from melted metal.	831,184	Sept. 18	2593	547	124	705
Pehrson, Jonas, Willowbrook, assignor to I. T. Avelsgarde, Yorkton, Canada. Hose and pipe coupling.	820,437	May 15	2863	623	122	758
Peick, Johan H., Binghamton, N. Y. Bench-clamp.	834,402	Oct. 30	5047	1069	124	2622
Peignares & Filatures de Bourre de Soie. (See Doll, Henri, assignor.)						
Peikard, Fredrick, Rhinelander, Wis. Securing device for logging-chains.	816,249	Mar. 27	4586	976	121	1155
Pein, Edward J. von. (See Bockhoff and Pein.)						
Peirce, Charles L., Jr., Chicago, Ill. Wire-connector.	826,687	July 24	4092	849	123	1088
Peirce, Charles L., Jr., assignor to Peirce Specialty Company, Chicago, Ill. Connector for telephone and other wires.	832,876	Oct. 9	1738	359	124	1671
Peirce, John E. (See Mooney, Peirce, and Mooney.)						
Peirce, John R., New York, N. Y. Polishing-machine.	817,798	Apr. 17	2487	532	121	2014
Peirce, John R., New York, N. Y. Stone-working machine.	819,080	May 1	90	21	122	24
Peirce, John R., New York, N. Y. Molding-machine.	825,933	July 17	2561	531-2	123	684
Peirce, John R., New York, N. Y. Stone-working machine.	827,993	Aug. 7	600	122-3	123	1819
Peirce, John R., New York, N. Y. Machine for making mosaics and the like.	832,207	Oct. 2	383	71-2	124	1305
Peirce, Ralph S., Chicago, Ill. Dowel-pin for electrical conduits.	825,069	July 3	757	159	123	203
Peirce, Ralph S., Chicago, Ill. Method and apparatus for hanging aerial cables.	825,070	July 3	759	159	123	203
Peirce Specialty Company. (See Peirce, Charles L., Jr., assignor.)						
Peirson, Ernest V. (See Randall and Peirson.)						
Peiseler, Gottlieb, Charlottenburg, Germany. Grinding-machine.	837,715	Dec. 4	884	199	125	1574
Peiseler, Peter R., Remscheid, Germany. Forging-hammer.	826,190	July 17	3048	633	123	807
Peiser, Firm of Albert. (See Riebe, Gustav, assignor.)						
Peisker, Frederick S. C., San Saba, Tex. Shovel.	809,840	Jan. 9	2458	510	120	573
Pekatt, Charles, Chicago, Ill. Mounting for keys of musical instruments.	821,533	May 22	5112	1089	122	1314
Pelchzrim, Curt von, and J. Thümmel, Ehrang, Germany. Process and press for pressing pulverous material.	808,776	Jan. 2	313	68	120	70
Pelfrey, David W., and W. S. Biddle, Haleyville, Ala. Grade-level.	811,739	Feb. 6	381	83	120	1570
Pelham, Walter O., assignor of one-half to P. F. Ferguson, Monett, Mo. Fluid-actuated valve.	818,284	Apr. 17	3460	744-5	121	2226
Pélissier, Fénelon, Gonaïves, Haiti. Propelling mechanism.	816,368	Mar. 27	4858	1030	121	1213
Pélissier, Fénelon, Gonaïves, Haiti. Exercising device.	826,879	July 24	4464	929	123	1179
Pell, John L. E., and E. L. C. Clark, Great Barrington, Mass. Hockey-game apparatus.	821,881	May 29	5800	1236	122	1523
Pellar, Joseph, Idaho Springs, Colo. Hose-coupling.	836,457	Nov. 20	3105	658	125	864
Pellar, Max. (See Isaacs and Pellar.)						
Pellerin, Joseph, Catalla, Alaska. Safety-envelop.	810,804	Jan. 23	4462	927	120	1096
Pellingner, George, New York, N. Y. Mold.	830,925	Sept. 11	2061	434	124	548

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Pellow, Arthur, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Centering lenses.	834,020	Oct. 23	4238	898-9	124	2375
Pellowski, Frank J., Arcadia, Wis. Attachment to threshing-machine sieves.	836,825	Nov. 27	3853	821	125	1087
Pelster, Frances C., Omaha, Nebr. Fruit-jar ring.	830,167	Sept. 4	536	109	124	136
Pelstring, George J. and H. G., Latonia, Ky. Changeable illuminated sign.	816,680	Apr. 3	276	64	121	1421
Pelstring, Henry G. (See Pelstring, George J. and H. G.)						
Pelton, Charles H., assignor to Thomas Manufacturing Company, Springfield, Ohio. Disk drill.	834,680	Oct. 30	5581	1184	124	2760
Pelton, Charles W., Hyannis, Mass. Insect-trap.	835,253	Nov. 6	761	159	125	192
Pelton Water Wheel Company. (See Henry, George J., Jr., assignor.)						
Pelusi, Fortunato A., New Brighton, Pa. Folding umbrella.	838,895	Dec. 18	3187	688	125	2228
Pelz, Ferdinand, Gliesmarode, Brunswick, Germany. Automatic weighing-scale.	831,093	Sept. 18	2433	512	124	669
Pemberton, Benjamin T. M., McLeansboro, Ill. Churn.	838,806	Dec. 18	3035	654	125	2191
Pemberton, Samuel, and J. F. Deadman, Sault Ste. Marie, Mich. Marine boat.	811,171	Jan. 30	5206	1088-9	120	1290
Penberthy, William, deceased, Chicago, Ill.; American Trust and Savings Bank, administrator. Steam-injector.	821,827	May 29	5716	1218	122	1505
Pence, Alonzo H., Somerville, Ala. Saw-set.	812,086	Feb. 6	1105	243	120	1714
Pence, Alonzo H., Somerville, Ala. Wheel-lock.	831,568	Sept. 25	3353	705	124	935
Pence, Edward L. (See Horton, John R., assignor.)						
Pence, Edward L., assignor to Southern Bale Tie Company, Memphis, Tenn. Bale-tie.	815,116	Mar. 13	2233	469	121	542
Pence, Edward L., assignor to Southern Bale Tie Company, Memphis, Tenn. Bale-hand tie.	835,465	Nov. 6	1178	254	125	296
Pence, Edward L., assignor of one-half to J. E. Richardson, Memphis, Tenn. Wood split pulley.	829,424	Aug. 28	3517	738	123	2656
Pender, Joseph D., Denver, and R. S. Trott, Golden, Colo. Rear sight for firearms.	835,112	Nov. 6	480	97-8	125	124
Pendergast, Frederick W., Waltham, Mass. Broom.	825,978	July 17	2640	548	123	706
Pendergast, Frederick W., Waltham, Mass., assignor to Massachusetts Association for Promoting the Interests of the Adult Blind. Mop.	832,413	Oct. 2	795	153	124	1403
Pendergast, Thomas, assignor of fifty-one one-hundredths to J. Hertzler, Lancaster, Pa. Pipe-coupling.	832,501	Oct. 2	966	193	124	1444
Pendlebury, James T., Manchester, England. Watchcase.	814,232	Mar. 6	448	92-3	121	97
Pendleton, Gurdon, Groton, assignor to Thomas Motor Company, New London, Conn. Explosive-engine.	813,736	Feb. 27	4415	973	120	2594
Pendleton, Harry F., Brooklyn, N. Y. Gas-mangle.	836,780	Nov. 27	3775	804	125	1066
Pendleton, William H. E., Los Angeles, Cal. Automatic feathering oar-lock.	826,058	July 17	2804	581	123	747
Penewitt, Alexander H. (See Samuel, Charles A., assignor.)						
Penfield, William A., assignor to Bradley & Hubbard Mfg. Co., Meriden, Conn. Shade and globe holder.	837,716	Dec. 4	886	200	125	1575
Penland, Arthur N. (See Thrash, George, assignor.)						
Penn Surgical Mfg. Co. (See Root, Charles M., assignor.)						
Pennell, Arthur, Kansas City, Mo. Steam-condenser.	827,114	July 31	4942	1032	123	1310
Pennepacker, Clara W., administratrix. (See Pennepacker and Lacon.)						
Pennepacker, George M., deceased, (C. W. Pennepacker, administratrix,) and C. S. Lacon, Philadelphia, Pa. Auxiliary car-coupling.	811,434	Jan. 30	5710	1195	120	1397
Pennepacker, Harry W., Allegheny, Pa. Bed-spring.	819,671	May 1	1249	272	122	280
Penney, Samuel G., Allegheny, Pa. Insulating compound.	835,113	Nov. 6	483	125	125	125
Pennick, John H., Menoken, Kans. Potato-harvester.	830,362	Sept. 4	929	193-4	124	229
Pennick, John H., Menoken, Kans. Automatic weighing and sacking machine.	837,956	Dec. 11	1337	293	125	1728
Pennie, John C. (See Schulze, Andrew, assignor.)						
Pennington, John, Camden, N. Y. Union undergarment.	816,880	Apr. 3	663	138	121	1506
Pennington, Virgil, Jr. (See Parsons and Pennington.)						
Pennington, William J., Brooklyn, N. Y. Stair-chair.	820,125	May 8	2251	490	122	565
Pennock, George A., and W. E. Johnson, assignors to Rock Island Plow Company, Rock Island, Ill. Foot-lift for sulky-plows.	830,000	Sept. 4	172	30-1	124	42
Pennock, John D., Syracuse, N. Y. Fire-extinguisher.	829,425	Aug. 28	3518	738	123	2656
Pennsylvania Globe Gas Light Company. (See Shaw, Arthur E., assignor.)						
Pennsylvania Iron Works Company. (See Vail, Jonathan H., assignor.)						
Pennsylvania Steel Company. (See Alden, Charles A., assignor.)						
Pennsylvania Steel Company. (See Lewis, James E., assignor.)						
Pennsylvania Steel Tie Company. (See Smith, Jacob E., assignor.)						
Penny, John R., New Sheffield, Pa. Nut-lock.	832,998	Oct. 9	1966	411	124	1725
Penrod, James G., Harrisburg, Ill. Collapsible crate.	835,733	Nov. 13	1677	356-7	125	467
Penrose, William T., Spokane, Wash. Automobile.	813,058	Feb. 20	3080	675	120	2248
Pentecost, Arthur, East Orange, assignor to Pike Adding Machine Company, Orange, N. J. Clutch device.	834,021	Oct. 23	4242	899	124	2376
Penther, Hermann, Hanover, Germany. Apparatus for separating rubber from canvas, metal, and other material.	816,735	Apr. 3	359	82-3	121	1439
Pepino, Henry G., assignor to Colgate & Co., New York, N. Y. Cake of soap.	825,979	July 17	2641	548	123	707
Pepper, James W., Philadelphia, Pa. Bass-drum and cymbal holder and beater.	826,602	July 24	3934	815	123	1046
Pepper, Jasper L., Butler, Ind. Spark-arrester.	839,193	Dec. 25	3801	821	125	2424
Pepper, John, Jr., Utica, N. Y. Fishpole.	814,321	Mar. 6	647	131	121	141
Pepperell Card & Paper Company. (See Morrow, John B., assignor.)						
Pepple, John W., Hillsboro, Tex. Railway-tie.	827,881	Aug. 7	372	79	123	1762
Pepple, John W., Hillsboro, Tex., assignor to International Lubricator Company. Journal-lubricator.	835,319	Nov. 6	889	188	125	225
Pequegnat, Edward L. (See Miller, George E., assignor.)						
Percival, Herbert E., Galveston, Tex., assignor of one-half to B. W. Key, Woodward, Okla. Ter. Reinforcement for concrete railway-ties.	819,919	May 8	1755	378	122	456
Percy, Edwin H., Jr., Fort Bragg, Cal. Sawmill-setting apparatus.	833,972	Oct. 23	4112	875	124	2343
Percy, Frank T., Rochester, N. Y. Coin-controlled dispensing apparatus.	815,860	Mar. 20	3818	808-9	121	937
Percy, Harry C., Natchitoches, La. Range-finder.	819,591	May 1	1087	239	122	244
Perdue, Douglas, Constitution, Ohio. Grindstone-turning apparatus.	815,034	Mar. 13	2076	435	121	508
Perdue, James M., Matthews, Ga. Telegraph or telephone pole.	811,435	Jan. 30	5711	1195	120	1397
Perdue, James M., Matthews, Ga. Fence.	833,082	Oct. 9	2126	447	124	1766
Perfect Sewer Trap Manufacturing Company. (See Lenhart, Philip F., assignor.)						
Perfect Sliding Door Company. (See Schuyler, Daniel, assignor.)						
Perfecto Specialty Company. (See Knight, Joseph H., assignor.)						
Perfler, Joseph. (See Schneider and Perfler.)						
Perini, Victorio A. de, assignor to C. C. Stockle and T. M. Kentish, Rio de Janeiro, Brazil. Textile and paper base.	831,521	Sept. 18	3242	684	124	872
Peritz, Bernard, Brooklyn, assignor to himself, and A. B. Saliger, New York, N. Y. Bulletin-board.	834,319	Oct. 30	4871	1030	124	2579
Perjue, Ira A., Milton, assignor of one-half to J. Batterton, Centerville, Iowa. Molding mechanism.	836,277	Nov. 20	2743	583	125	779
Perkins, Alfred P., New York, N. Y. Baby-chair.	822,472	June 5	465	94-5	122	1826

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Perkins, Beriah B., Carson, Iowa. Fence-post.	836,990	Nov. 27	4203	894	125	1170
Perkins, Charles E., <i>et al.</i> (See Perkins, Harry J., assignor.)						
Perkins, Charles G., assignor to Perkins Corporation, Hartford, Conn. Indicating electric-switch cover.	837,498	Dec. 4	432	97	125	1464
Perkins, Claude F., Sioux City, Iowa. Pen-wiper.	826,270	July 17	3202	663	123	842
Perkins Corporation. (See Crandall, Nathan W., assignor.)						
Perkins Corporation. (See Perkins, Charles G., assignor.)						
Perkins Corporation. (See Tregoning, William C., assignor.) (Reissue.)						
Perkins, Eben. (See Holmquist, August, assignor.)						
Perkins, Edwin C., assignor of one-half to J. Kaufman, Prairie du Sac, Wis. Resilient wheel.	832,558	Oct. 2	1071	215	124	1471
Perkins Electric Switch Manufacturing Company. (See Goodridge, Gilbert W., assignor.)						
Perkins, Elmer E., Melrose, Mass. Drying-kiln.	810,974	Jan. 30	4828	1004	120	1209
Perkins, Elmer E., Melrose, Mass. Apparatus for drying starch, &c.	815,373	Mar. 20	2814	586	121	718
Perkins, Franklin J., Woburn, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Leather-working machine.	809,010	Jan. 2	768	166	120	169
Perkins, Frederick L., <i>et al.</i> (See Perkins, Harry J., assignor.)						
Perkins, George, and J. F. Buycy, Speculator, N. Y. Wear-loop for harness-rings.	828,774	Aug. 14	2168	459	123	2239
Perkins, Harry J., assignor of two-thirds to F. L. and C. E. Perkins, Grand Rapids, Mich. Propeller-wheel.	821,534	May 22	5115	1089	122	1315
Perkins, James H., Seattle, Wash. Saw-guide.	820,312	May 8	2616	570	122	645
Perkins, John A., and A. A. St. Laurent, Salem, assignors to Draper Company, Hopedale, Mass. Feeler stop-motion for automatic looms.	817,445	Apr. 10	1788	376	121	1809
Perkins, John L., Holyoke, Mass. Machine for reducing rags for paper-stock.	822,765	June 5	1062	218	122	1961
Perkins, Julian L., West Springfield, Mass. Ellipsograph.	833,892	Oct. 23	3842	816	124	2281
Perkins, Julian L., West Springfield, Mass. Plate or negative squaring machine.	837,112	Nov. 27	4450	944	125	1232
Perkins, Julius A., Omaha, Nebr. End-thrust-resisting means for bearings.	834,933	Nov. 6	112	22	125	32
Perkins, Julius A., Omaha, Nebr., assignor to Moffett Bearing Company, Council Bluffs, Iowa. End-thrust bearing.	820,986	May 22	4034	857	122	1077
Perkins, Julius A., Omaha, Nebr., assignor to Moffett Bearing Company, Council Bluffs, Iowa. Roller-bearing.	821,882	May 29	5800	1236	122	1523
Perkins, Julius A., Omaha, Nebr., assignor to Moffett Bearing Company, Council Bluffs, Iowa. End-thrust-resisting means for bearings.	829,085	Aug. 21	2796	588	123	2432
Perkins, Julius A., Omaha, Nebr., assignor to Moffett Bearing Company, Council Bluffs, Iowa. End-thrust-resisting means for bearings.	829,086	Aug. 21	2798	588	123	2432
Perkins, Ludlow P. (See Kitchen and Perkins.)						
Perkins, Ludlow P., and J. G. A. Kitchen, Lancaster, England. Cooling and condensing apparatus.	837,499	Dec. 4	434	98	125	1464
Perkins, Michael R., <i>et al.</i> (See Eayrs, Winslow P., assignor.)						
Perkins, Norman A. (See O'Riley, Peter, assignor.)						
Perkins, Thomas S., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reversing-switch for electrical circuits.	814,322	Mar. 6	649	131-2	121	142
Perkins, Thomas S., and R. P. Jackson, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. System of remote control for electric motors.	814,323	Mar. 6	651	132	121	142
Perkins, Thomas S., and R. P. Jackson, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Controller-switch.	814,324	Mar. 6	657	132	121	144
Perkins, Thomas S., and R. P. Jackson, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Controller-operating means.	814,325	Mar. 6	659	132-3	121	144
Perkins, William M., North Manchester, Ind. Fence-post.	821,535	May 22	5116	1089	122	1315
Perks, Albert J., assignor to Webster and Perks Tool Company, Springfield, Ohio. Paper-trimmer.	817,271	Apr. 10	1444	304	121	1736
Perks, Charles J., New York, assignor to D. C. Storr, New Paltz, N. Y. Link-closing press.	819,451	May 1	836	180	122	187
Perks, James H., <i>et al.</i> (See Ives, Ernest C., assignor.)						
Perks, Thomas, <i>et al.</i> (See Ives, Ernest C., assignor.)						
Perky, Henry D. (See Higbee, Harriet A., assignor.)						
Perlestein, Joseph. (See Weinstein and Perlestein.)						
Permar, William I., Rochester, assignor to National Glass Company, Pittsburg, Pa. Glass-press.	811,320	Jan. 30	5499	1146-7	120	1354
Perotti, Louis, Newark, N. J. Liquid-distributor.	820,987	May 22	4036	858	122	1078
Perotti, Louis, Newark, N. J. Medicine-bottle.	824,738	July 3	73	15	123	22
Perotti, Louis, Newark, N. J. Liquid-distributor.	825,345	July 10	1311	275	123	359
Perotti, Louis, Newark, N. J. Rubber.	826,740	July 24	4190	870	123	1110
Perra, Arthur L., Millbury, assignor of one-half to A. E. Pariso, Sutton, Mass. Adjustable curtain-fixture.	823,481	June 12	2523	529	122	2325
Perraud, Jean B. (See Perrin and Perraud.)						
Perrenoud, Louis. (See Foust, James A., assignor.)						
Perrier, André, Marseilles, France. Apparatus for the production of carburated air.	831,374	Sept. 18	2963	629-30	124	799
Perrin, Charles G., Le Locle, Switzerland. Stem winding and setting mechanism for watches. (Reissue.)	12,512	July 24	4854	1011	123	1274
Perrin, Jean M., and J. B. Perraud, Lyon, France. Jacquard-machine.	815,035	Mar. 13	2078	435	121	509
Perrin, Thomas H., Potsdam, N. Y. Egg-beater.	818,914	Apr. 24	4726	1014	121	2553
Perrine, George, New York, N. Y. Dumping-receptacle.	831,800	Sept. 25	3823	800-1	124	1061
Perrine, George H., New York, N. Y. Garment-supporter.	822,866	June 5	1261	260	122	2002
Perring, Ira O., assignor to Life-Saving Folding Canvas Boat Company, Kalamazoo, Mich. Folding or collapsible boat.	833,846	Oct. 23	3734	794	124	2253
Perron, Elie, Chicoutimi Basin, assignor of one-half to J. Gagnon, Chicoutimi, Quebec, Canada. Sawing-machine.	832,273	Oct. 2	520	98-9	124	1339
Perry, Albert, Caribou, Colo. Ore-separator.	821,430	May 22	4932	1048	122	1275
Perry, Albert W., Northville, S. D. Drill-cup.	814,326	Mar. 6	663	133	121	145
Perry, Alvy G., Coldwater, Miss. Plow.	815,036	Mar. 13	2079	436	121	509
Perry, Alvy G., Coldwater, Miss. Plow.	836,530	Nov. 20	3239	689	125	897
Perry, Arthur I., New York, N. Y. Air-brake system.	822,073	May 29	6174	1316	122	1609
Perry, Benjamin F., assignor of one-half to C. B. Davis, Todds Point township, Shelby county, Ill. Water-escape.	810,879	Jan. 23	4602	958	120	1125
Perry, Cid, Vassar, Mich. Former.	837,957	Dec. 11	1340	294	125	1728
Perry, Clayton W., South Dayton, N. Y. Head-rest for car-seats.	818,045	Apr. 17	2988	645	121	2125
Perry, David P., Chicago, Ill. Storage-battery plate.	809,742	Jan. 9	2282	472	120	534
Perry, Dyer W., Keene, N. H. Badge.	808,867	Jan. 2	467	103	120	104
Perry, Eugene L., assignor of one-half to E. Hoffman, Brooklyn, N. Y. Instantaneous wrench.	838,578	Dec. 18	2597	560	125	2086
Perry, George W., Tuscarora, Pa. Coal-crusher.	820,518	May 15	3044	655	122	799
Perry, Henry B., Sheldon, Iowa. Photographic shutter.	815,552	Mar. 20	3156	661	121	794
Perry, Herbert W., Trichinopoly, India. Renewable cap for permanent way-rails.	818,116	Apr. 17	3126	673	121	2155
Perry, Hubert M., assignor to E. J. Winslow Company, Chicago, Ill. Making cement compounds.	837,717	Dec. 4	887	200	125	1575

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Perry, Hubert M., assignor to E. J. Winslow Company, Chicago, Ill. Apparatus for making cement compounds.....	837,718	Dec. 4	890	201	125	1576
Perry, James. (See Widdop, Thomas, assignor.)						
Perry, John C., assignor to Clinton Wire Cloth Company, Clinton, Mass. Machine for making wire goods.....	813,823	Feb. 27	4585	1014-19	120	2630
Perry, John C., assignor to Clinton Wire Cloth Company, Clinton, Mass. Machine for making wire goods.....	814,392	Mar. 6	795	160-5	121	176
Perry, John C., La Junta, Colo., assignor to Clinton Wire Cloth Company, Boston, Mass. Machine for making interposed fabric.....	814,393	Mar. 6	806	165-7	121	177
Perry, John C., La Junta, Colo., assignor to Clinton Wire Cloth Company, Clinton, Mass. Apparatus for making welds.....	837,249	Nov. 27	4703	998	125	1293
Perry, Joseph A., assignor to United Gas Improvement Company, Philadelphia, Pa. Gas apparatus.....	838,447	Dec. 11	2334	507	125	1977
Perry, Philip E., Lexington, Mass. Holder for jars and other like articles.....	819,023	Apr. 24	4938	1060	121	2600
Perry, Richard D., Elyria, Ohio. Ball-winding machine.....	833,335	Oct. 16	2666	560-1	124	1952
Perry, Theodore, et al. (See Troxler, Gustavus, Jr., assignor.)						
Perry, Walter O., Hazen, Ark. Extension-bedstead.....	829,666	Aug. 28	4041	856	123	2787
Perry, William, and W. Pierpoint, Jr., Yonkers, N. Y. Non-refillable bottle.....	816,121	Mar. 27	4344	920	121	1104
Perry, William A., Chicago, Ill. Bed-spring attachment.....	818,046	Apr. 17	2989	646	121	2126
Perry, William C., Charlestown, assignor of one-fourth to G. P. Clark, Hopkinton, R. I. Machine for measuring, counting, and cutting off fabric.....	815,861	Mar. 20	3822	809-10	121	937
Perry, William H., Concord, N. H. Ice-cutter for surface railways.....	812,873	Feb. 20	2705	596	120	2164
Perry, William H., Concord, N. H. Rotary fender and cleaner for surface railways.....	815,308	Mar. 13	2627	550	121	631
Perry, William P. (See Fennell and Perry.)						
Perry, Wilton H., New York, N. Y. Baker's oven.....	823,695	June 19	2955	625	122	2479
Persing, William G., Braman, Okla. Ter. Corner-support for vehicles.....	820,251	May 8	2504	541	122	621
Person, Anders, Chicago, Ill. Non-refillable bottle.....	826,271	July 17	3203	663	123	842
Person, Walfrid. (See Fisk, Carl A., assignor.)						
Persons, Ernest L., West Concord, N. H. Egg-beater holder.....	817,272	Apr. 10	1447	305	121	1736
Persson, Gustaf, Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Printing-point indicator for type-writers.....	836,944	Nov. 27	4107	877	125	1147
Persson, Otto F., Lynn, Mass., assignor to General Electric Company. Speed-changing device.....	816,369	Mar. 27	4860	1030-1	121	1214
Peru Electric Manufacturing Company. (See Ogle, Elmer L., assignor.)						
Peru Electric Manufacturing Company. (See Rhoades, Charles W., assignor.)						
Peru Plow & Wheel Company. (See Paul, William L., assignor.)						
Perzoff, Nicolas, St. Petersburg, Russia. Coupling for internally and externally armored hose.....	816,596	Apr. 3	101	21	121	1379
Peschel, Otto J., Bell county, Tex. Baling-press.....	832,698	Oct. 9	1370	277	124	1582
Pessou, Alphonse O., New Orleans, La. Cane-harvester.....	820,730	May 15	3434	735-6	122	883
Pester, Max E., Glen Cove, N. Y. Exhibition and amusement apparatus.....	824,436	June 26	4378	951	122	2840
Pestor, Julius, Los Angeles, Cal. Windmill.....	820,988	May 22	4037	858	122	1078
Peteler, Francis, Minneapolis, Minn. Dumping-car.....	829,667	Aug. 28	4042	856-7	123	2787
Peter Gerlach Company. (See Dieter, Louis F., assignor.)						
Peter, Karl, Achem, Germany. Apparatus for treating hop-draff and the like.....	826,603	July 24	3937	816	123	1047
Peter Manufacturing Company. (See Spooner, Lee C., assignor.)						
Peter, Maurice L., and W. J. Secrist, Columbus, Ohio. Hinge.....	811,740	Feb. 6	382	83	120	1570
Peter, Minor C., et al. (See Bauer, William, assignor.)						
Peter, Philip. (See Dutcher and Peter.)						
Peterbusch, Edward J., assignor of one-half to C. L. Mehagan, St. Louis, Mo. Reversible window-sash.....	826,604	July 24	3939	816-17	123	1047
Peterman, Addison E., Repton, Ala. Telegraph-key.....	808,777	Jan. 2	316	68-9	120	71
Peterman, Albert, Dallas, Tex. Coffee-pot.....	826,798	July 24	4297	893	123	1140
Peterman, Tolbert G., Cumberland, Md. Railway spike and tie-plate.....	816,370	Mar. 27	4862	1031	121	1214
Petermann, John, Jr., Ontonagon, Mich. Potato-planter.....	836,210	Nov. 20	2598	548	125	742
Peters, Anton F., Cortland, N. Y. Folding clothes-rack.....	823,807	June 19	3162	669	122	2524
Peters, Arthur A., administrator. (See Gaskill, Roland R.)						
Peters, Bassett W., Toledo, Ohio. Gate.....	820,822	May 15	3640	777	122	930
Peters, Charles, Nampa, Idaho. Underreamer for wells.....	811,584	Feb. 6	99	22	120	1507
Peters, Charles A., Gresham, Oreg. Sliding hook for hauling-cables.....	831,984	Sept. 25	4209	879	124	1157
Peters, Clarence D., Etherley, Ill. Rail-joint.....	809,217	Jan. 2	1171	242	120	258
Peters, Ernst, Düsseldorf, Germany. Feed mechanism for machine-tools.....	829,800	Aug. 28	4338	917	123	2859
Peters, Eugene, G. E. Bauder, and A. D. Campbell, Seattle, Wash. Concentrator.....	828,963	Aug. 21	2541	538	123	2365
Peters, Frank M., Chicago, Ill. Filling-machine.....	821,186	May 22	4415	940-1	122	1161
Peters, Frank M., Chicago, Ill. Water tempering and measuring system.....	821,187	May 22	4419	941	122	1162
Peters, Frank M., Chicago, Ill. Sugar-wafer machine.....	824,202	June 26	3900	832-4	122	2742
Peters, Frank M., Chicago, Ill. Baking-oven.....	838,270	Dec. 11	2017	434	125	1898
Peters, Frank M., and H. H. Hungerford, Chicago, Ill.; said Hungerford assignor to said Peters. Machine for wrapping packages.....	838,269	Dec. 11	2011	430-4	125	1897
Peters, Frederick, Newark, N. J. Seam-ripper.....	825,756	July 10	2235	465	123	591
Peters, Frederick J., Milwaukee, Wis. Sash-supporting platform for glaziers.....	809,321	Jan. 9	1434	290	120	350
Peters, George A., Toronto, Canada. Self-registering electrically-operated sectional target.....	815,117	Mar. 13	2234	469	121	542
Peters, George W., Canal Winchester, Ohio. Napkin-holder.....	836,458	Nov. 20	3106	659	125	864
Peters, Gershom M., Cincinnati, Ohio. Bridle-bit.....	818,781	Apr. 24	4484	960	121	2502
Peters, Herbert Z. (See Ike, John, assignor.)						
Peters, James and W., Philadelphia, Pa. Fire-door.....	834,681	Oct. 30	5583	1185	124	2760
Peters, John, Bothwell, assignor of two-thirds to R. C. Russell, Arthur, Ontario, Canada. Nut-lock.....	813,168	Feb. 20	3295	725	120	2294
Peters, Peter, Pawtucket, R. I. Electric cut-out switch.....	839,636	Dec. 25	4692	1002	125	2641
Peters, Richard G. (See Davis, Orin C., assignor.)						
Peters, Robert H., Batavia, and L. A. Mason, assignors to Textile Specialty Company, Buffalo, N. Y. Diaper.....	816,036	Mar. 27	4165	882	121	1065
Peters, Robert K., Rockwood, Tenn. Pinless clothes-line.....	822,473	June 5	468	95	122	1827
Peters, Rolf H. (See Wittum, Luman N., assignor.)						
Peters, Thomas E., Moberly, Mo. Grease-cup.....	815,734	Mar. 20	3536	742	121	877
Peters, William. (See Peters, James and W.)						
Peters, William, assignor of one-half to W. Stathers, Melvin, Ill. Stove-leg caster.....	814,562	Mar. 6	1127	234	121	245
Petersen, Hans P. (See Thomander, Edward P., assignor.)						
Petersen, Henry A. F., New York, N. Y. Valve.....	820,598	May 15	3190	686	122	831
Petersen, Herman H. (See Smith, Lewis C., assignor.)						
Petersen, Joachim H. C., Hamburg, Germany. Centrifugal pump.....	810,975	Jan. 30	4830	1004	120	1209
Petersen, John N., assignor of one-half to W. F. Pettit, New Orleans, La. Ball-bearing.....	821,057	May 22	4164	885	122	1105
Petersen, Niels, Philadelphia, Pa. Combined door check and hinge.....	829,601	Aug. 28	3916	830	123	2756
Petersen, Niels C., Perth Amboy, N. J. Plastering device.....	833,893	Oct. 23	3846	817	124	2281
Petersen, Samuel, Council Bluffs, Iowa. Ventilator-grate.....	830,926	Sept. 11	2063	434	124	549

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Page.	Drawings.	Vol.	Page.
Peterson, Albert, Cambridge, Ill. Carbureter.	828,334	Aug. 14	1302	275	123	2017
Peterson, Anton, <i>et al.</i> (See Stenstrom, John P., assignor.)						
Peterson, August W., Highland Park, Ill. Thill-tug.	828,677	Aug. 14	1968	414	123	2188
Peterson, Charles A., Salt Lake City, Utah. Sign.	813,580	Feb. 27	4127	905	120	2532
Peterson, Charles E., Brooklyn, N. Y., assignor, by mesne assignments, to Mercantile Manufacturing Company. Type-writing machine.	809,979	Jan. 16	2740	564	120	687
Peterson, Daniel, Lamont, Okla. Ter. Machine for changing money.	810,508	Jan. 23	3898	800-2	120	973
Peterson, Emil A., assignor to Valley Iron Works Co., Appleton, Wis. Lighter-bar frame for rag-engines.	836,459	Nov. 20	3107	659	125	864
Peterson, Emil A., assignor to Valley Iron Works Co., Appleton, Wis. Rag-engine.	836,460	Nov. 20	3108	659	125	865
Peterson, Ephraim A., Rockford, Ill. Street-railway-switch opening and closing device.	834,403	Oct. 30	5048	1069	124	2622
Peterson, Eric E., assignor of one-half to A. W. Alexander, Binghamton, N. Y., and J. E. Jenkins, Wilkes-Barre, Pa. Workman's time-recorder.	834,487	Oct. 30	5194	1103-5	124	2661
Peterson, Ernest E., Chicago, Ill., assignor to National Cipher Code Company. Cipher-code.	832,156	Oct. 2	280	53-4	124	1280
Peterson, Ernest E., Chicago, Ill., assignor to National Cipher Code Company. Cipher-code.	832,559	Oct. 2	1072	215-16	124	1471
Peterson, Frans A., assignor to L. C. Smith & Bros. Typewriter Company, Syracuse, N. Y. Type-bar for type-writing machines.	822,386	June 5	311	63	122	1793
Peterson, Gustave E., Hartford, Conn. Indicator for lathes.	811,244	Jan. 30	5352	1118	120	1322
Peterson, Henry, Willacochee, Ga. Cotton-gin roller.	828,241	Aug. 7	1078	227	123	1933
Peterson, Iver C., New York, N. Y. Device for controlling gas-valves.	830,845	Sept. 11	1927	404	124	517
Peterson, Jacob E. and J. M., Dayton, Ohio. Rotary engine.	821,734	May 29	5525	1178-9	122	1461
Peterson, Jacob M., (See Peterson, Jacob E. and J. M.)						
Peterson, James H., New York, N. Y. Scraping tool or implement.	830,451	Sept. 4	1113	234	124	275
Peterson, Jens, Tacoma, Wash. Instrument for readjusting clinical thermometers.	837,339	Dec. 4	123	32	125	1385
Peterson, Jesse, (See Baker, William H., assignor.)						
Peterson, Jesse, (See Ormiston, Cyrus D., assignor.)						
Peterson, John, St. Paul, Minn. Hay and manure gatherer and loader.	808,678	Jan. 2	106	24-5	120	25
Peterson, John A., assignor to Breed-Johnson Furniture Company, Jamestown, N. Y. Desk.	825,346	July 10	1312	276	123	360
Peterson, John M., Colegrove, Pa. Mail-box.	822,014	May 29	6059	1291	122	1581
Peterson, John O., (See Schmidt, Sven R. E., assignor.)						
Peterson, John P., (See Johnson, Frederick W., assignor.)						
Peterson, Lee, <i>et al.</i> (See Mitchell, Ira G., assignor.)						
Peterson, Melcher E., (See Cross and Peterson.)						
Peterson, Nels J., Omaha, Nebr. Building-block.	818,551	Apr. 24	4007	859	121	2396
Peterson, Ole N., and H. M. Sather, Canby, Minn. Wagon attachment.	839,507	Dec. 25	4430	945	125	2579
Peterson, Otto E., (See Hegle and Peterson.)						
Peterson, P., (See Cornish, Harry B., assignor.)						
Peterson, Patrik L., North Grosvenor Dale, Conn., assignor to Draper Company, Hope-dale, Mass. Tension device for loom-shuttles.	810,669	Jan. 23	4207	870	120	1040
Peterson, Patrik L., North Grosvenor Dale, Conn., assignor to Draper Company, Hope-dale, Mass. Back-stop for picker-sticks.	832,025	Sept. 25	4282	895	124	1175
Peterson, Per A., New York, assignor to F. P. Hunt, Nyack, N. Y. Moistening device.	812,087	Feb. 6	1106	244	120	1714
Peterson, Peter M., Narragansett Pier, R. I. Bottle-fastener.	823,437	June 12	2424	510	122	2303
Peterson, Samuel J., <i>et al.</i> (See Hawn, John W., assignor.)						
Peterson, William, (See Ruthven, Alfred L., assignor.)						
Peterson, William J., New York, N. Y. Chandelier.	810,429	Jan. 23	3732	769	120	933
Peterson, Peter T., Spatten, Minn. Wrench.	811,741	Feb. 6	383	84	120	1570
Petery, Evan E. P., assignor of one-half to S. Bowsher, Indianapolis, Ind. Cross-arm for carrying high-tension wires.	809,743	Jan. 9	2284	473	120	535
Petery, Evan E. P., Indianapolis, and J. O. Jackson, Swayzee, Ind.; said Jackson assignor to S. Bowsher. Water-brake for poles.	810,880	Jan. 23	4603	959	120	1126
Petiet, Charles M. J., assignor to Société Anonyme des Automobiles Ariés, Villeneuve-la-Garenne, France. Motor-vehicle.	816,250	Mar. 27	4587	976	121	1156
Petiet, Charles M. J., assignor to Société Anonyme des Automobiles Ariés, Villeneuve la Garenne, France. Steering mechanism for motor-vehicles.	816,935	Apr. 3	775	159	121	1531
Pett, Albert A., Chicago, Ill. Attachment to eyeglasses.	838,271	Dec. 11	2019	435	125	1898
Petley, Benjamin H., Seattle, Wash. Gas-regulator.	810,562	Jan. 23	4008	825	120	996
Petmecky, Fred, Austin, Tex. Combined minnow bucket and trap.	816,251	Mar. 27	4588	977	121	1156
Petraborg, John J., (See Hanson and Petraborg.)						
Petrelli, Joseph, New Haven, Conn. Chuck.	823,545	June 19	2672	563	122	2416
Petrelli, Joseph, New Haven, Conn. Drilling and tapping device.	823,546	June 19	2675	563-4	122	2416
Petrelli, Joseph, assignor to Snow & Petrelli Mfg. Co., New Haven, Conn. Power-transmitting mechanism.	812,519	Feb. 13	2012	441-2	120	1977
Petrelli, Joseph, assignor to Snow and Petrelli Mfg. Co., New Haven, Conn. Riveting device.	827,994	Aug. 7	603	123	123	1820
Petri, Gunther H., Saginaw, Mich. Baking-oven.	830,524	Sept. 11	1269	264	124	340
Petri, Gunther H., Saginaw, Mich. Baker's oven.	831,239	Sept. 18	2693	566	124	730
Petri-Palmedo, David, Hoboken, N. J., assignor to Mergenthaler Linotype Company. Linotype-machine.	834,846	Oct. 30	5927	1257-8	124	2846
Petrich, Johan, and L. Duloves, Chicago, Ill. Bow-facing oar.	823,075	June 12	1690	349-50	122	2143
Petrie, Enos B., New York, N. Y. Sweep or wreck-finder.	839,508	Dec. 25	4431	946	125	2579
Petrie, Margaret, San Francisco, Cal. Drip attachment for bottles.	811,742	Feb. 6	384	84	120	1570
Petrie, Peter C., and H. L. Des Angles, New York, N. Y. Life belt or preserver.	832,999	Oct. 9	1968	411	124	1726
Petrie, Peter C., and H. L. Des Angles, New York, N. Y. Life-raft.	833,000	Oct. 9	1970	411	124	1726
Petrik, Josef, (See Joksch and Petrik.)						
Petrillo, Joseph, Boston, Mass. Stop-watch.	826,444	July 17	3531	735	123	924
Petrillo, Joseph, Boston, Mass. Shoe-holder.	827,391	July 31	5519	1149	123	1456
Petrini, Edvard, Uppsala, Sweden. Roller-skate.	809,980	Jan. 16	2744	564	120	688
Petroleum Electric Producing Company, (See Gardner, Benjamin F., assignor.)						
Petroskey, John H., assignor to Ideal Register & Metallic Furniture Company, Detroit, Mich. Multiple mirror.	838,807	Dec. 18	3036	655	125	2192
Petrusich, John V., San Francisco, Cal. Adjustable tool for constructing angles.	834,638	Oct. 30	5498	1167	124	2739
Petsche, Gustav B., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Engine construction.	822,387	June 5	312	64	122	1793
Petsche, Gustav B., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Reversing mechanism for compound engines.	833,937	Oct. 23	3938	836-7	124	2307
Petsche, Gustav B., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Throttle-valve.	833,973	Oct. 23	4114	875	124	2344
Pett, William, Muskegon, Mich. Furnace, &c.	821,961	May 29	5962	1270	122	1559
Pettee, Oliver E., Rockland, Me. Game apparatus.	810,299	Jan. 16	3433	708	120	833
Pettee, Oliver E., Rockland, Me. Table.	810,378	Jan. 16	3610	743	120	872
Petterson, Ludwig, Chicago, Ill. Gasolene-motor.	820,010	May 8	2008	441	122	510

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Pettersson, Richard P. (See Carlson and Pettersson.)						
Pettibone Bros. Manufacturing Company. (See Pettibone, James, assignor.)						
Pettibone, Hawley. (See Loomis and Pettibone.)						
Pettibone, James, assignor to Pettibone Bros. Manufacturing Company, Cincinnati, Ohio. Suit-case.	838,352	Dec. 11	2158	468	125	1932
Pettijohn, John W., Montesano, Wash. Latch	815,553	Mar. 20	3158	661	121	795
Pettingell, Charles F., assignor of one-half to W. H. Taylor, Amesbury, Mass. Hanger						
Pettinger, Otto J., Newburgh, assignor to E. B. Whitney, Gloversville, N. Y. Eye-glasses	831,985	Sept. 25	4210	879	124	1157
Pettit, Frank A., Kansas City, Mo. Knife-wiper for linotypes	833,624	Oct. 16	3265	695	124	2094
Pettit, Daniel I. and J. E., Grand Junction, Iowa. Machine for making blocks or tiles.	810,300	Jan. 16	3435	709	120	833
Pettit, Frank, assignor of one-half to W. A. Barrows, Jr., Sharpville, Pa. Apparatus for purifying gases.	836,826	Nov. 27	3854	821-2	125	1087
Pettit, Frank A., Kansas City, Mo. Knife-wiper for linotypes	810,079	Jan. 16	2964	618	120	735
Pettit, George F., Enid, Okla. Ter. Gate.	825,071	July 3	761	159	123	203
Pettit, Harry M., New York, N. Y. Theatrical device.	818,189	Apr. 17	3276	701-2	121	2188
Pettit, John E. (See Pettit, Daniel I. and J. E.)						
Pettit, Silas W. (See Waddell, Montgomery, assignor.)						
Pettit, Silas W. (See Waite, Charles N., assignor.)						
Pettit, William F. (See Petersen, John N., assignor.)						
Petty, Cornelius, Bay Minette, Ala. Iron-heater.	818,847	Apr. 24	4613	989	121	2528
Petty, George M. (See Smith and Petty.)						
Petty, Howard H., Pomona, Cal. Fruit-clipper.	814,799	Mar. 13	1619	340	121	413
Petty, Howard H., Pomona, Cal. Fruit-clipper.	818,552	Apr. 24	4009	860	121	2396
Petty, Howard H., Pomona, Cal. Combined shoe-lacing fastener and bow-holder	835,981	Nov. 13	2127	456	125	573
Pettyjohn, John M., Terre Haute, Ind. Concrete-block mold	810,343	Jan. 16	3513	724	120	850
Petzold, Richard. (See Köhler and Petzold.)						
Petzold, Richard. (See Köhler and Petzold.)	809,841	Jan. 9	2459	510-11	120	573
Peugh, Edwin D., Hurdland, Mo. Railway-tie.	836,401	Nov. 20	2984	633	125	835
Peust, Albert, Hanover, Germany. Elastic metal felly	812,227	Feb. 13	1448	316	120	1856
Peust, Albert, Hanover, Germany. Elastic metallic tire.	814,161	Mar. 6	315	63	121	69
Peveart, Jesse S., Schenectady, N. Y., assignor to General Electric Company. Motor control.	832,745	Oct. 9	1463	295	124	1605
Peverall, Cornwall A., Penn township, Westmoreland county, assignor to W. Clifford, Jeannette, Pa. Packing for piston-rods	826,741	July 24	4192	871	123	1111
Pevey, Charles K. (See Hassam, Walter E., assignor.)						
Peytrenet, J., et al. (See Clemons, De Laski T., assignor.)						
Pfahl, Edward G., et al. (See Schwarzschild, Solomon, assignor.)						
Pfahler, William Q., Leipsic, Ohio. Mechanical lubricator	829,171	Aug. 21	3008	628	123	2485
Pfauder Company. (See Paige, David O., assignor.)						
Pfaudler, John M., Rochester, N. Y. Gas-burner.	835,198	Nov. 6	647	133	125	165
Pfautz, Daniel M., Germantown, Pa. Filtering apparatus.	813,516	Feb. 27	4004	877-8	120	2506
Pfautz, Daniel M., Germantown, Pa. Water-filter.	813,517	Feb. 27	4006	878	120	2506
Pfautz, Daniel M., Germantown, Pa., assignor to American Water Purifying Company, Camden, N. J. Vertical filtering apparatus.	838,052	Dec. 11	1537	331	125	1781
Pfeifer, Adam, Frankfurt-on-the-Main, Germany. Apparatus for the complete combustion of solid fuel.	809,322	Jan. 9	1435	290	120	350
Pfeifer, John, assignor of one-third to F. R. Burton, Springfield, Ohio. Wrapping-machine.	821,375	May 22	4804	1020-1	122	1248
Pfeiffer, Christian, assignor to New Britain Hardware Manufacturing Company, New Britain, Conn. Equalizing winder for spring-motors	809,130	Jan. 2	1010	208-9	120	222
Pfeiffer, Christian, assignor to North & Pfeiffer Manufacturing Company, New Britain, Conn. Boot-calk	817,090	Apr. 3	1061	220	121	1593
Pfeiffer, Emil C., Boston, assignor to C. A. Hight, Brookline, Mass. Puzzle.	811,321	Jan. 30	5503	1147	120	1354
Pfeil, Philip, Chicago, Ill. Stove-board.	819,163	May 1	242	52	122	60
Pfender, George. (See Madden and Pfender.)						
Pfenninger, Carl, Munich, assignor to Melms & Pfenninger Gesellschaft mit Beschränkter Haftung, Munich-Hirschau, Bavaria, Germany. Combined impulse and reaction turbine.	813,169	Feb. 20	3297	725	120	2294
Pfersdorff, Victor, Mülhausen, Germany. Wick for candles, lamps, &c.	827,176	July 31	5116		123	1358
Pfingst Electric Manufacturing Company. (See Pfingst, Louis, assignor.)						
Pfingst, Louis, Boston, Mass., assignor, by mesne assignments, to Pfingst Electric Manufacturing Company, Kittery, Me. Power-brake.	829,032	Aug. 21	2684	565-6	123	2398
Pfister, Robert B., Great Bend, Kans. Brick-machine.	833,625	Oct. 16	3266	695-6	124	2094
Pflager, Harry M. (See Howard and Pflager.)						
Pflager, Harry M., St. Louis, Mo. Draft-gear for railway-cars.	810,805	Jan. 23	4464	927	120	1096
Pflager, Harry M., St. Louis, Mo. Combined brace and draw-bar pocket for car-body bolsters	821,735	May 29	5526	1179	122	1461
Pflager, Harry M., St. Louis, Mo. Draw-bar spring-pocket attachment for metal car-underframes.	827,749	Aug. 7	113	25	123	1698
Pflager, Harry M., Chicago, Ill. Sleeping-car.	816,037	Mar. 27	4167	882-3	121	1066
Pflager, Harry M., assignor to Transom Draft-Gear Company, St. Louis, Mo. Combined car-body bolster and draw-bar spring-pocket	824,203	June 26	3904	834	122	2743
Pflager, Harry M., C. T. Westlake, and C. H. Howard, assignors to Double Body Bolster Company, St. Louis, Mo. Car-bolster.	835,552	Nov. 13	1342	288	125	382
Pfleghardt, Lewis H., Fayette City, Pa. Metallic tie and rail-fastener.	833,545	Oct. 16	3100	658	124	2054
Pfleghardt, Lewis H., Fayette City, Pa. Toy.	836,050	Nov. 13	2239	479	125	602
Pfuger, Frank, and E. Christensen, Portland, Oreg. Bung-hole bushing.	810,430	Jan. 23	3733	769	120	933
Pfuger, Frank, and E. Christensen, Portland, Oreg. Combined expander and flanger for bung-hole bushings.	810,431	Jan. 23	3734	769	120	933
Pfuger, Frank, and E. Christensen, Portland, Oreg. Counterboring-tool for casks.	810,432	Jan. 23	3737	770	120	934
Pflugradt, Alfred, assignor to A. L. Pflugradt, Milwaukee, Wis. Thill-coupling.	816,597	Apr. 3	102	21	121	1379
Pflugradt, Amanda L. (See Pflugradt, Alfred, assignor.)						
Pflum, Harry P., New York, N. Y. Washing-machine.	814,394	Mar. 6	812	167	121	178
Pflum, Joseph F. (See Schmidt and Pflum.)						
Pflum, Joseph F., and O. Schmidt, assignors to Cincinnati Butchers Supply Company, Cincinnati, Ohio. Hanger for overhead-trolley tracks.	826,605	July 24	3941	817	123	1048
Pfouts, Leroy S., Canton, Ohio. Motor-vehicle.	810,881	Jan. 23	4604	959	120	1126
Primmer, William H., assignor of one-third to J. W. Roberts and D. E. Jones, New Albany, Ind. Trolley-head	831,467	Sept. 18	3135	664	124	843
Pfund, Adolph, Belvidere, Ill. Mower.	834,320	Oct. 30	4573	1031	124	2579
Pheiffer, Joseph A., assignor of one-half to G. R. Farley, Kalamazoo, Mich. Non-refillable bottle.	825,413	July 10	1457	306	123	396
Phells, Isaac F., Woodville, Ohio. Universal timepiece.	811,585	Feb. 6	101	22	120	1507
Phelan, John J., Worcester, Mass. Clean-out for soil-pipes.	838,642	Dec. 18	2726	584	125	2117
Phelps, Byron, Seattle, Wash. Lock and latch mechanism.	815,976	Mar. 27	4032	854	121	1034
Phelps, Byron, Seattle, Wash. Knob for locks and latches.	815,977	Mar. 27	4033	854	121	1034
Phelps, Byron, Seattle, Wash. Lock.	819,024	Apr. 24	4940	1060	121	2601

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Page.
Phelps, Byron, Seattle, Wash. Lock.	834,994	Nov. 6	230	49-50	125	61
Phelps, Byron, Seattle, Wash. Lock mechanism.	838,808	Dec. 18	3038	655	125	2192
Phelps, Charles A., Chicago, Ill. Document-file.	825,414	July 10	1459	306	123	397
Phelps, Charles N., Lagrange, Ill. Mattress-sewing machine.	810,882	Jan. 23	4606	960-2	120	1126
Phelps, Ernest L., Toronto, Canada. Garment-designing curve-rule.	812,874	Feb. 20	2707	596	120	2165
Phelps, Frank. (See Snow, Carl, Coulston, and Phelps.)						
Phelps, Frank, Wellston, Okla. Ter. Cotton-gin.	809,131	Jan. 2	1013	210	120	223
Phelps, George H., assignor to George Frost Company, Boston, Mass. Garment-supporter.	819,164	May 1	243	53	122	61
Phelps, George H., assignor to George Frost Company, Boston, Mass. Garment-supporter.	819,165	May 1	245	53	122	61
Phelps, George N. (See Dolbear, Clinton E., assignor.)						
Phelps, Herbert L., Chicago, Ill. Weedless fishing-tackle.	824,739	July 3	74	15	123	22
Phelps, Herbert L., Chicago, Ill. Fish-hook.	828,964	Aug. 21	2543	538	123	2365
Phelps, Lucius J., Stoneham, assignor, by mesne assignments, to Shawmut Motor Company, Boston, Mass. Muffler.	821,828	May 29	5717	1218	122	1505
Phelps, Minnie A., Chicago, Ill. Combined toaster and warming-oven.	838,053	Dec. 11	1540	331	125	1781
Phelps, Ono S., Mapleton, Oreg. Crank.	820,731	May 15	3439	736	122	884
Phelps, Walter S., Muncie, Ind. Hydrant.	818,782	Apr. 24	4487	961	121	2502
Phelps, William J., Detroit, Mich. Electric incandescent lamp.	814,162	Mar. 6	315	63	121	69
Phelps, William J., Detroit, Mich. Electric incandescent lamp.	819,793	May 8	1523	323	122	403
Phenice, Milroy M. (See McCarthy and Phenice.)						
Phenis, Joseph N., Richmond, Ind. Cracker-case.	822,627	June 5	802	163	122	1904
Phenix Tube Company. (See Koenig, Robert, assignor.)						
Phifer, Washington I., Edwardsville, Ill. Rotary engine.	819,920	May 8	1757	378-9	122	457
Philadelphia Cyanide Process Company. (See Muffy, Sidney T., assignor.)						
Philadelphia Electrical & Manufacturing Co. (See Bundy and Manwaring, assignors.)						
Philadelphia Tapestry Mills. (See Zimmerman, John, assignor.)						
Philadelphia Textile Machinery Company. (See Schwartz, Walter M., assignor.)						
Philbrick, Charles H., et al. (See Clark, Frank M., assignor.)						
Philbrick, Lon M. (See Pray and Philbrick.)						
Philp Carey Manufacturing Company. (See Moeller, William J., assignor.)						
Philippart, Gustave, Brussels, Belgium. Double top for games.	822,628	June 5	804	163	122	1904
Philippi, Theodore F., East St. Louis, Ill. Hand-punch.	818,783	Apr. 24	4489	961	121	2502
Philippoteaux, Albert, Reims, France. Bottle-making device.	814,800	Mar. 13	1620	340	121	413
Philippoteaux, Albert, Reims, France. Apparatus for making glass bottles and the like.	815,037	Mar. 13	2083	436-8	121	510
Phillips, Edwin S., assignor to American Road Machine Company, Kennett Square, Pa. Mounted screen-bin.	810,219	Jan. 16	3250	673-4	120	793
Phillippi, Joseph F., West Valley, N. Y. Acetylene-gas generator.	835,033	Nov. 6	315	67	125	81
Phillipps, Benjamin H., Fitchburg, Mass. Swivel for window-blind shutters.	815,862	Mar. 20	3826	810	121	938
Phillippy, D. W. (See Foster and Garrison, assignors.)						
Phillips, Charles, et al. (See Mulhearn, Charles, assignor.)						
Phillips, Charles C., assignor of one-half to J. R. Tenny, Owensboro, Ky. Signaling device.	824,580	June 26	4664	993	122	2904
Phillips, Chester, Rochester, N. Y. Power transmission.	822,629	June 5	805	163	122	1905
Phillips, Clarence A., Washington, D. C. Can-opener.	817,799	Apr. 17	2490	533	121	2015
Phillips & Clark Stove Company. (See Heister, John F., assignor.)						
Phillips, Denizen H. (See Schreiber, Elias L., assignor.)						
Phillips, Edgar A., assignor to Hamilton & Hamilton, Jr., Providence, R. I. Bracelet.	824,379	June 26	4250	905	122	2815
Phillips, Edgar A., assignor to Hamilton & Hamilton, Jr., Providence, R. I. Locket.	825,676	July 10	2083	434	123	555
Phillips, Eli, Oglesby, Ill. Apparatus for moving coal.	837,113	Nov. 27	4453	945	125	1233
Phillips, Elizabeth M., Glenbrook, Conn. Pen-wiper.	832,078	Oct. 2	95	22	124	1234
Phillips, Elizabeth M., Glenbrook, Conn. Stopper for milk-bottles.	834,075	Oct. 23	4354	925	124	2402
Phillips, Frank E., Hyde Park, Mass. Non-refillable box.	822,766	June 5	1064	218	122	1962
Phillips, Frederick B., and J. Kessler, assignors to John Phillips & Co., Ltd., Detroit, Mich. Sash-bar.	832,208	Oct. 2	389	72	124	1307
Phillips, Fredrick W., Jamestown, N. Y. Garment-supporter.	819,166	May 1	246	53	122	61
Phillips, Giles E., Sangerville, Va. Wire-stretcher.	831,741	Sept. 25	3716	777	124	1034
Phillips, Harold S., Meadville, Pa. Razor-blade holder.	834,022	Oct. 23	4243	900	124	2376
Phillips, Herbert O., Warwick, R. I. Device for regulating the electric spark of gasoline-engines.	835,982	Nov. 13	2128	457	125	573
Phillips, Hiram W., Quincy, Mass. Guide for joining pipe-sections.	820,126	May 8	2252	490	122	565
Phillips, Hyman, Cincinnati, Ohio. Compartment-box for bottles or the like.	818,190	Apr. 17	3282	702	121	2190
Phillips, John H. (See Laye, Phillips, and Bevan.)						
Phillips, John H., Jr., Jackson, Mich. Stock-car partition.	836,890	Nov. 27	3976	849	125	1119
Phillips, John L., Rochester, N. Y. Door-fastener.	815,466	Mar. 20	2999	625	121	761
Phillips, Longan C., Richmond, Va. Lifting mechanism.	819,592	May 1	1089	239-40	122	245
Phillips, Lucy A., Lucca, N. D. Skirt-supporter.	820,313	May 8	2617	570	122	645
Phillips, Marcus, Chicago, Ill. Holder for light-shades and lamp-chimneys.	838,210	Dec. 11	1885	404	125	1868
Phillips, Milton W., Ventura, Cal. Telephone-circuit.	832,746	Oct. 9	1467	295	124	1606
Phillips Mine and Mill Supply Co. (See Fleming, John J., assignor.)						
Phillips, Morris T. (See Webster, George, assignor.)						
Phillips, Orville, Braymer, Mo. Planter.	815,554	Mar. 20	3159	661-2	121	795
Phillips, Robert F., Carrick, Pa. Self-oiling car-wheel.	828,242	Aug. 7	1079	227	123	1933
Phillips, Samuel L. (See Moler, Insley, and Phillips.)						
Phillips, Simeon L., et al. (See Gallagher, Fred E., assignor.)						
Phillips, Thomas E. R., London, England. Railway signaling.	827,940	Aug. 7	484	99-101	123	1792
Phillips, William A., East Cleveland, Ohio. Throttle-valve.	821,120	May 22	4289	913	122	1133
Phillips, William H., Columbus, Ohio. Concrete-mixing machine.	824,204	June 26	3906	834-5	122	2744
Phillips, William R., assignor of two-thirds to E. W. and H. G. Dawson, Montreal, Canada. Bordering-machine.	830,612	Sept. 11	1444	300-2	124	386
Phillips, Willis E., Collbran, Colo. Camera attachment.	818,553	Apr. 24	4010	860	121	2396
Phillips, Willis E., Collbran, Colo. Whiffletree.	834,639	Oct. 30	5500	1168	124	2739
Philp, Casimir von, Bethlehem, assignor to Bethlehem Steel Company, South Bethlehem, Pa. Apparatus for storing and conveying liquid metals.	810,301	Jan. 16	3437	709-10	120	834
Philp, Casimir von, Bethlehem, assignor to Bethlehem Steel Company, South Bethlehem, Pa. Fluid-pressure metal-working machine.	812,228	Feb. 13	1448	316-17	120	1856
Philpott, William A., Jr., Niagara Falls, assignor to A. G. Mackay, New York, N. Y. Index cutting and printing machine.	828,568	Aug. 14	1769	372	123	2139
Phippus, Abner A., New York, N. Y., assignor to R. Carr, Oak Park, Ill. Display apparatus.	816,598	Apr. 3	103	21-2	121	1380
Phippus, Isaac N., Mount Sterling, Ky. Toy.	809,270	Jan. 2	1322	269	120	291
Phlegar, Woodie C., et al. (See Bain, Eugene C., assignor.)						
Phoenix Boot Machinery Company. (See Keats, John, assignor.)						
Phoenix Dynamo Manufacturing Company. (See Pohl, Robert and F., assignors.)						
Phoenix Elektrotechnische Gesellschaft M. B. H. (See Grabosch, Gustav, assignor.)						
Phul, Gilbert D. Von, Baton Rouge, La. Cane-carrier feeder.	825,778	July 10	2277	473	123	601

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Sp. c.	Dr. g.	Vol.	Page.
Pianova Company. (See Haschke, William H., assignor.)						
Piburn, Grant L., Gallatin township, assignor of one-half to W. W. Warren, Clay county, Mo. Automatic cut-off for reversible engines.....	825,980	July 17	2642	549	123	707
Picard, Charles, Paris, France. Blowpipe.....	821,188	May 22	4421	941	122	1162
Piccone, Gemes, Glassport, Pa. Horse shoe and boot.....	837,719	Dec. 4	894	201	125	1576
Piche, Alfred, Sault Ste. Marie, Mich. Flue-stopper.....	825,240	July 3	1094	231	123	286
Pickard, Charles, Sackville, New Brunswick, Canada. Match-safe.....	836,139	Nov. 20	2456	516	125	708
Pickard, Greenleaf W., Amesbury, Mass. Means for receiving intelligence communicated by electric waves.....	836,531	Nov. 20	3242	689	125	898
Pickard, Greenleaf W., Amesbury, Mass., assignor, by mesne assignments, to Huff Electrostatic Separator Company. Electrostatic separation.....	827,115	July 31	4944	1032	123	1311
Pickard, Greenleaf W., Amesbury, Mass., assignor, by mesne assignments, to Huff Electrostatic Separator Company. Apparatus for electrostatic separation.....	827,116	July 31	4945	1032-3	123	1311
Pickard, James D. (See Haan, Paul C., assignor.)						
Pickard, Orson L., Toledo, Ohio. Rim for rubber-tired wheels. (Reissue).....	12,450	Feb. 13	2557	562	120	2087
Pickavance, John H., Johannesburg, Transvaal. Safety mechanism for hoisting apparatus.....	814,870	Mar. 13	1740	365	121	438
Picken, James, Port William, assignor of one-half to A. Allan, Jr., Glasgow, Scotland. Pneumatic gun or rifle.....	836,532	Nov. 20	3245	690	125	898
Pickens, William W., San Francisco, Cal. Hat-holder.....	831,627	Sept. 25	3470	729	124	965
Pickering, Charles N. (See Young and Pickering.)						
Pickering Governor Company. (See Pascall, Richard H., assignor.)						
Pickering, John W. (See Metcalf and Pickering.)						
Pickering, Joshua and T., Paris, Canada. Hen's nest.....	829,426	Aug. 28	3519	739	123	2657
Pickering, Thomas. (See Pickering, Joshua and T.)						
Pickett, Daniel L., Keene, N. H. Ice-creeper.....	817,800	Apr. 17	2491	533	121	2015
Pickett, Lester D., Fredonia, N. Y. Lubricator.....	824,809	July 3	257	46	123	71
Pickett, William, West Lynn, Mass. Car-fender.....	829,289	Aug. 21	3241	683	123	2541
Pickford Drill & Tool Company. (See Norris, Henry M., assignor.)						
Pickford, William. (See Reed and Pickford.)						
Pickles, Alfred, Wakefield, and P. R. Sewell, Bradford, England. Tube, conduit, and pipe cleaner.....	812,361	Feb. 13	1702	374	120	1914
Pickles, Charles K., St. Louis, Mo. Nozzle.....	820,668	May 15	3315	711	122	858
Pickles, Charles K., assignor to J. A. Brill, Philadelphia, Pa. Disappearing seat.....	808,679	Jan. 2	108	25	120	26
Pickles, Charles K., assignor to J. A. Brill, Philadelphia, Pa. Brake-hanger.....	817,871	Apr. 17	2632	570-1	121	2046
Pickles, James D., deceased; L. P. Strickland, Brooklyn, N. Y., administratrix. Paper-making machine.....	824,830	July 3	310	57	123	86
Pickles, William F., Buckland, Conn. Paper-making machine.....	824,810	July 3	260	46	123	72
Pickles, William F., Buckland, Conn. Paper-making machine.....	825,612	July 10	1909	405	123	507
Pickrell, Charles E., Georgetown, Canada. Metal-bending appliance.....	817,386	Apr. 10	1660	351	121	1783
Pickup, George A., Brooklyn, N. Y. Loom for weaving tubular fabrics.....	815,555	Mar. 20	3161	662-4	121	795
Pierome Hide Company. (See Widmer, Charles A., assignor.)						
Pietet, Raoul P., Berlin, Germany. Apparatus for the separation of gases from their mixtures.....	809,218	Jan. 2	1173	242-3	120	258
Pietet, Raoul P., Steglitz, Germany. Apparatus for dehydrating compressed gases.....	809,219	Jan. 2	1188	244	120	262
Pietet, Raoul P., New York, N. Y. Apparatus for liquefying air and other gases.....	830,613	Sept. 11	1454	302	124	389
Pieper, Alphonse F. (See Pieper, Oscar H. and A. F.)						
Pieper, Ernest F. (See Van Derwerken, Theodore E., assignor.)						
Pieper, Oscar H. and A. F., Rochester, N. Y. Electric-current regulator.....	835,763	Nov. 13	1738	370-1	125	480
Pier, Harvey L., Dubuque, Iowa. Mail-box.....	810,896	Jan. 23	4466	928	120	1096
Pierboni, Geremia, and P. Bufano, Connellsville, Pa. Coke-oven.....	814,621	Mar. 6	1234	260	121	267
Pierce, Adin G., New York, N. Y. Floor.....	834,023	Oct. 23	4245	900	124	2377
Pierce, Adin G., New York, N. Y. Partition-block.....	834,024	Oct. 23	4245	900	124	2377
Pierce, Burt N., assignor of one-half to C. G. Fisher, Indianapolis, Ind. Pitch-lock for reversible propellers.....	834,076	Oct. 23	4355	925-6	124	2402
Pierce, Chancy R., Duvall, Ohio. Fodder-binder.....	828,900	Aug. 21	2427	516	123	2336
Pierce, Charles S. (See Legge, Alfred G., assignor.)						
Pierce, Charles S., Duluth, Minn. Kettle and lid securing and operating means therefor.....	809,461	Jan. 9	1737	359	120	415
Pierce, Charles S., Brockton, Mass. Shoe-form.....	838,896	Dec. 18	3189	688	125	2228
Pierce, Edward, and E. Laux, Burlington, Iowa. Lawn-trimmer.....	810,344	Jan. 6	3514	725	120	851
Pierce, Edwin F., Milwaukee, Wis. Shade-holder coupling.....	831,628	Sept. 25	3471	729	124	965
Pierce, Erastus E., assignor to Standard Horse Nail Company, New Brighton, Pa. Manufacture of articles of iron or steel.....	827,882	Aug. 7	374	.....	123	1762
Pierce, Frank, Seattle, Wash. Forming an integral type-column.....	837,879	Dec. 4	1186	262	125	1648
Pierce, Frederick W., Syracuse, N. Y. Display-rack for rugs, curtains, and similar articles.....	814,801	Mar. 13	1622	340	121	413
Pierce, George L., New York, N. Y. Antislipping device for shoes.....	814,474	Mar. 6	959	197	121	209
Pierce, George L., New York, N. Y. Body-protector.....	833,546	Oct. 16	3101	658	124	2054
Pierce, George L., Manchester, N. H. Ring-holder for spinning and twisting rings.....	830,452	Sept. 4	1115	234	124	276
Pierce, George L., Manchester, N. H., assignor to Whitin Machine Works, Whitinsville, Mass. Top-roll saddle.....	812,875	Feb. 20	2708	597	120	2165
Pierce, James M. (See Howe, La Bare, and Pierce.)						
Pierce, James M., assignor to Owatonna Manufacturing Co., Owatonna, Minn. Disk drill.....	836,051	Nov. 13	2239	479	125	602
Pierce, James W., Minneapolis, Minn. Combined controller and dimmer-switch.....	827,663	July 31	6171	1281	123	1620
Pierce, Jefferson F. and W. G., Tampa, Fla. Boring implement.....	836,212	Nov. 20	2602	549	125	744
Pierce, Joel B. F., Oxford, Mass. Fly-trap.....	816,499	Mar. 27	5124	1086	121	1269
Pierce, Leslie D., Indianapolis, Ind. Fastener for clothing.....	814,475	Mar. 6	960	197	121	209
Pierce, Oscar C., Stockton, Cal. Ditching-machine.....	831,094	Sept. 18	2435	513	124	669
Pierce, Robert, Lynn, assignor of one-half to F. E. Brickford, Swampscott, Mass. Last.....	830,168	Sept. 4	537	109	124	136
Pierce, Robert F., Shaw, Ga. Railway car and brake.....	820,366	May 8	2714	591	122	667
Pierce, Simeon F., St. Paul, Minn. Boiler-furnace.....	814,073	Mar. 6	144	29	121	32
Pierce, Simeon F., St. Paul, Minn. Boiler-flue.....	814,074	Mar. 6	146	29	121	33
Pierce, Simeon F., St. Paul, Minn. Trolley-catcher.....	814,075	Mar. 6	147	30	121	33
Pierce, Walter W., Morro, Cal. Cartridge-extracting implement.....	812,088	Feb. 6	1108	244	120	1714
Pierce, Willard G. (See Pierce, Jefferson F. and W. G.)						
Pierce, William A., Topeka, Kans. Road filling and leveling device.....	836,211	Nov. 20	2599	548-9	125	742
Pierce, William H., assignor of two-thirds to J. Hoxworth and H. Woods, Maquon, Ill. Wheel.....	839,417	Dec. 25	4237	907	125	2533
Pierce, William O., Placerville, Cal. Necktie.....	833,083	Oct. 9	2127	448	124	1767
Piercy, Charles R. (See Piercy, Mae and C. R.)						
Piercy, Mae and C. R., Redoak, Iowa. Child's carriage.....	812,447	Feb. 13	1876	413	120	1948
Pieringer, Joseph, Jersey City, N. J., assignor to Western Electric Company, Chicago, Ill. Head telephone set.....	835,865	Nov. 13	1931	408	125	527
Pierman, Alexander N., Newark, assignor to New Jersey Patent Company, West Orange, N. J. Frictional reproducing attachment for phonographs.....	829,123	Aug. 21	2884	605	123	2455

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & C.	Vol.	Page.
Pierpoint, William Jr. (See Perry and Pierpoint.)						
Pierre, Gabriel. (See Lardinois, John B., assignor.)						
Pierpont, Evelyn, London, England. Tooth-mold	815,374	Mar. 20	2818	586-7	121	719
Pierson, Arthur S., Morristown, N. J. Reinforcing device for concrete structures	810,220	Jan. 16	3253	674	120	794
Pierson, Arthur S., Morristown, N. J. Tension or reinforcing device for use in concrete structures	810,221	Jan. 16	3255	675	120	794
Pierson, Edward, and S. L. Dunlap, Indianapolis, Ind.; said Pierson assignor of four-tenths to said Dunlap. Removable calk for horseshoes	828,422	Aug. 14	1474	310	123	2062
Pierson, Edward R., Elizabeth, N. J. Ruler	825,934	July 17	2564	532	123	685
Pierson, Paul M., Ossining, N. Y., assignor to Pierson-Sefton Company, Jersey City, N. J. Greenhouse and other glazed structure	811,951	Feb. 6	839	184-5	120	1660
Pierson-Sefton Company. (See Pierion, Paul M., assignor.)						
Piesslinger, Friedrich, Philadelphia, Pa. Beater-roll with ventilated knife-cells	829,229	Aug. 21	3113	655	123	2511
Pietsch, Herman F., Milwaukee, Wis. Grain-beater	833,847	Oct. 23	3739	794	124	2255
Pifer, George N., Cleveland, Ohio. Photographic postal or mailing card	817,663	Apr. 10	2195	468	121	1894
Pifer, George N., assignor to American Automatic Photograph Company, Cleveland, Ohio. Automatic photograph-developing apparatus	833,626	Oct. 16	3269	696	124	2095
Pigott, William, Chicago, Ill. Suspenders	819,794	May 8	1525	323	122	404
Pihl, Nils H. C., Minneapolis, Minn. Detachable stand for pails	833,800	Oct. 23	3615	773	124	2223
Pike Adding Machine Company. (See Manny, Walter B., assignor.)						
Pike Adding Machine Company. (See Pentecost, Arthur, assignor.)						
Pike, Charles A., Paw Paw, Mich. Weather-strip	814,076	Mar. 6	148	30	121	33
Pike, Edwin B., Pike, N. H. Combined whetstone, blotter, and paper-weight	824,138	June 26	3769	805	122	2713
Pike, George B. M., New York, N. Y. Non-refillable bottle	835,553	Nov. 13	1344	288	125	383
Pike, Herbert, assignor of one-half to B. Bendixon, Chicago, Ill. Combined folding table and bucket-holder	828,965	Aug. 21	2544	539	123	2365
Pike, Howard, assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Cleaner for buckets of excavating-machines	833,749	Oct. 23	3502	747	124	2197
Pike Manufacturing Company. (See Pippy, Charles F., assignor.)						
Pike, William H., Jr., assignor to New York Adding Typewriter Company, Orange, N. J. Hanger for type-bars	813,664	Feb. 27	4287	944	120	2567
Pilain, François, Lyon, France. Automobile	815,735	Mar. 20	3537	742	121	878
Pilcher, Frank A., et al. (See Brasor, Frederick S., assignor.)						
Pilcher, Frank A., assignor of two-thirds to F. S. Brasor and S. S. Porter, Marietta, Ohio. Automatic musical-instrument player	814,725	Mar. 13	1464	307	121	380
Pilcher, Frank A., assignor of two-thirds to F. S. Brasor and S. S. Porter, Marietta, Ohio. Solo attachment for musical instruments	815,978	Mar. 27	4034	854	121	1034
Pilcher, John A., and W. W. Lemen, Roanoke, Va. Car-wheel	830,363	Sept. 4	933	194	124	230
Pilger, George J., Seranton, Pa. Air-brake gasket-replacing tool	823,189	June 12	1940	400	122	2200
Pilgrim Paper Company. (See Esser, Christian, assignor.)						
Pilkington, Joseph H., Waterbury, Conn. Buckle	828,626	Aug. 14	1875	394	123	2166
Pilkington, Joseph H., Waterbury, Conn. Pad for stocking-supporter loops	838,643	Dec. 18	2727	585	125	2117
Pilkington, William, Erdington, England. Manufacture of horseshoes	810,080	Jan. 16	2965	618	120	737
Pillé, Auguste. (See Daydé and Pillé.)						
Piller, Anton, Spandau, Germany. Life-saving apparatus	816,681	Apr. 3	277	64	121	1421
Piller, Georg, New York, N. Y. Beer-siphon	827,465	July 31	5733	1187	123	1507
Pilliner, Philip F., Philadelphia, Pa. Implement for putting on pneumatic tires	824,041	June 19	3609	768	122	2620
Pilling Air Engine Company. (See Pilling, James L., assignor.)						
Pilling, James L., Detroit, Mich. Hoisting-engine	820,939	May 15	3900	832	122	987
Pilling, James L., Detroit, Mich. Propelling-wheel for turn-tables	822,221	May 29	6455	1371	122	1673
Pilling, James L., Port Huron, assignor to Pilling Air Engine Company, Detroit, Mich. Reversing-valve for hoisting-engines	810,883	Jan. 23	4618	962	120	1129
Pilling, James L., Bucyrus, Ohio, assignor to Pilling Air Engine Company, Detroit, Mich. Pneumatic hoist	810,884	Jan. 23	4620	963	120	1129
Pilling, James L., Bucyrus, Ohio, assignor to Pilling Air Engine Company, Detroit, Mich. Oscillating engine	815,632	Mar. 20	3313	694	121	830
Pilliod, James E. (See McGuire, William J., assignor.)						
Piltz, Gottlieb M. T., assignor to Stockholms Allmänna Telefon Aktiebolag, Stockholm, Sweden. Telephone system with central battery	838,809	Dec. 18	3040	655	125	2193
Pinch, William H. (See French and Pinch.)						
Pinches, Conrad H., New York, N. Y. Soap-holder	817,985	Apr. 17	2864	620	121	2100
Pinckney, John J. (See Johnson and Pinckney.)						
Pinckney, William A., assignor of one-half to W. P. Gamber, Stanton, Mich. Match-box	829,351	Aug. 21	3369	710	123	2575
Pincus, Julius, Norfolk, Va. Detachable fastener and button	811,661	Feb. 6	246	54	120	1539
Pinder, Joseph W., San Francisco, Cal. Ore-concentrator	812,520	Feb. 13	2017	442	120	1978
Pindstøfte, Anders A., Fredericksberg, Denmark. Apparatus for cleaning and rinsing bottles	835,866	Nov. 13	1932	408	125	528
Pine-Ihrig Machine Company. (See Pine, Wilber J., assignor.)						
Pine, James K. P., et al. (See Palmer and Waterman, assignors.)						
Pine, James K. P., assignor to United Shirt and Collar Company, Troy, N. Y. Collar	819,593	May 1	1093	240-1	122	245
Pine, James K. P., and G. J. Dormandy, assignors to United Shirt & Collar Company, Troy, N. Y. Machine for infolding tab-blanks	837,500	Dec. 4	435	98-9	125	1464
Pine Ridge New Idea Company. (See Walker, John D., assignor.)						
Pine, Wilber J., assignor to Pine-Ihrig Machine Company, Oshkosh, Wis. Coiled-wire-fabric machine	825,415	July 10	1461	306-9	123	397
Pine, William J., Chicago, Ill., and L. P. Hynes, Laporte, Ind. Steam-pipe coupling	813,235	Feb. 20	3423	754	120	2319
Pinkerton, Henry S., Juno, Tex. Automatic valve	836,604	Nov. 20	3363	717	125	927
Pinkham, Charles F. (See Thompson and Pinkham.)						
Pinkham, Charles F., assignor to F. W. Whitcher, Boston, Mass. Machine for forming lacing-tips	817,872	Apr. 17	2633	571-3	121	2047
Pinkham, Delmar D., Longview, Tex. Screen	835,636	Nov. 13	1515	323	125	427
Pinkham, Horace, Berwick, Me. Sled-brake	829,068	Aug. 28	4045	857	123	2788
Pinkney, Bryan D., assignor to E. Goldman & Company, Chicago, Ill. Filter-cell-lifting implement	836,340	Nov. 20	2860	608	125	807
Pinney, Erastus. (See Johnson, William B., assignor.)						
Pino, Caterina, Genoa, Italy. Apparatus for raising submerged objects	812,521	Feb. 13	2021	442-3	120	1979
Pino, Giuseppe, Genoa, Italy. Apparatus for viewing and photographing the sea-bottom from the surface	825,241	July 3	1096	231	123	286
Pinsent, Rosina, Torquay, England. Infant-soother	823,076	June 12	1693	350	122	2144
Pinsonneault, Ernest, et al. (See Bundy, Henry C., assignor.)						
Pinto, Peter, New York, N. Y. Dumping-wagon	831,986	Sept. 25	4211	879-80	124	1157
Pintsch, Firm of Julius. (See Schaller, Otto, assignor.)						
Pipe Bending Machine Company. (See Reynolds, George H., assignor.)						
Piper, Edmund F., Fargo, N. D. Gang-plow	813,446	Feb. 27	3858	845-6	120	2471
Piper, Edmund F., Fargo, N. D. Traction-wheel	815,633	Mar. 20	3314	694	121	830
Piper, Edmund F., Fargo, N. D. Automatic steering device for traction-engines	821,253	May 22	4539	966	122	1189

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Piper, Edward E., <i>et al.</i> (See Poole, John H., assignor.)						
Piper, Edward S., Toronto, Canada. Hood and smoke-pipe for locomotive-round-houses	818,784	Apr. 24	4491	961	121	2503
Piper, James K., Wilmerding, Pa. Cotton-picker	813,170	Feb. 20	3298	725-6	120	2294
Piper, Robert H., Waterbury, Conn. Key-holder	810,081	Jan. 16	2966	619	120	737
Pippey, W. F. (See Cornwell, George H., assignor.)						
Pippy, Charles F., Calgary, Canada, assignor to Pike Manufacturing Company, Pike, N. H. Oilstone-box	816,599	Apr. 3	106	23	121	1380
Pire, Joseph, Paris, France. Apparatus for lifting liquids	834,749	Oct. 30	5702	1210	124	2790
Piro, Franz L., Rödelheim, Germany. Sticking-plaster	832,621	Oct. 9	1223	246	124	1548
Piscielli, Roberto T., Naples, Italy. Machine for printing and issuing railway-tickets	814,985	Mar. 13	1952	410-13	121	480
Piscicelli, Roberto T., Naples, Italy. Electric telfer postal system	828,678	Aug. 14	1969	414-16	123	2189
Piso Company. (See Schlosser and Fisher, assignors.)						
Pisor, Jacob H., Electric, Mont. Weather-strip	813,518	Feb. 27	4010	879	120	2507
Pitcher, Le Roy, Oilcenter, Cal. Pump-rod coupling	838,448	Dec. 11	2336	507	125	1978
Pitcher, Lester D., Daytona, Fla. Guy-anchor	810,807	Jan. 23	4467	928	120	1096
Pitcher, Royal E., assignor of one-half to C. W. Swenson, Osage City, Kans. Miner's pit-cap	838,054	Dec. 11	1541	331	125	1782
Pitkin, Julian H., Chicago, Ill. Division-block for hay-balers	813,665	Feb. 27	4289	944	120	2567
Pitkin, Julian H., Chicago, Ill., assignor to International Harvester Company. Ear-retarder for corn-husking machines	826,880	July 24	4466	929	123	1179
Pitman, John R. (See Dobbs and Pitman.)						
Pitman, Robert, Philadelphia, Pa. Centrifugal pump	823,077	June 12	1693	350	122	2144
Pitner, Henry B., Olean, N. Y. Lawn-trimmer	818,708	Apr. 24	4329	928	121	2467
Pitschke, Walter, Altena, Germany. Holder for toilet-paper	833,238	Oct. 16	2471	517	124	1901
Pitt, Robert, Pine Tops, N. C. Bottle	830,001	Sept. 4	175	31	124	43
Pitt, William A., New York, N. Y. Steam-generator	837,114	Nov. 27	4454	945	125	1233
Pittard, Frédéric, assignor to Société Anonyme de Broderie Automatique, Lyon, France. Reader or machine for perforating paper to be used with the jacquards in automatic embroidery-machines	824,380	June 26	4252	905-6	122	2815
Pittler, Wilhelm von, Berlin, Germany. Ball-and-socket joint	826,606	July 24	3943	817	123	1048
Pittler, Wilhelm von, Berlin, Germany. Power-transmission device for motor-cars, &c.	827,117	July 31	4947	1033	123	1312
Pittman, James E., Goldhill, Colo. Spike	810,808	Jan. 23	4468	928	120	1097
Pittman, James E., Goldhill, Colo. Trap	812,522	Feb. 13	2023	443	120	1979
Pittman, Key. (See MacKaskie, Peter M., assignor.)						
Pittock, John W., Philadelphia, Pa. Washing apparatus	817,801	Apr. 17	2492	533	121	2015
Pittock, John W., Philadelphia, Pa. Washing apparatus	817,802	Apr. 17	2493	533	121	2016
Pitts, Charles W., <i>et al.</i> (See Fontaine, Thomas A., assignor.)						
Pitts, George E., Warwick, N. Y. Handle for milk-cans, &c.	830,002	Sept. 4	177	31	124	43
Pitts, William S., C. A. Tanner, and F. G. Spink, Utica, N. Y. Safety-valve for water-gages	838,055	Dec. 11	1543	332	125	1782
Pittsburg Lamp, Brass & Glass Company. (See Rymill, Painter, and Miller, assignors.)						
Pittsburg Meter Company. (See Chrisman, Horace, assignor.)						
Pittsburg Novelty Company. (See Landis, Harry A., assignor.)						
Pittsburg Plate Glass Company. (See Franzen, Nicklas, assignor.)						
Pittsburg Pneumatic Company. (See Johnson, Charles H., assignor.)						
Pittsburg Tube Company. (See Naysmith, Robert, assignor.)						
Pittsburgh Coal Washer Company. (See Martin, Robert L., Jr., assignor.)						
Pittsburgh Electrolytic Manufacturing Company. (See Frazier, George W., assignor.)						
Pittsburgh Equipment Company. (See Pulliam, Oswald S., assignor.)						
Pittsburgh Equipment Company. (See Richardson, Wilbur P., assignor.)						
Pittsburgh Gage and Supply Company. (See Staaf, Werner L., assignor.)						
Pittsburgh Reduction Company. (See Gibboney, William K., assignor.)						
Pittsburgh Reduction Company. (See Peller, Harry C., assignor.)						
Pittsburgh Seamless Tube Company. (See Blaxter, George H., assignor.)						
Pittsburgh Valve and Fittings Company. (See Castle, Lewis D., assignor.)						
Pittsfield Spark Coil Company. (See Jacobson, Edward B., assignor.)						
Pixley, John F., <i>et al.</i> (See De Vilbiss, Allen, Jr., assignor.)						
Pixley, John F., Columbus, Ohio. Registering locking-bolt for doors, &c.	827,177	July 31	5117	1064	123	1358
Place, Henry A., Providence, R. I., assignor to J. N. Blackman, New York, N. Y. Phonograph-record cleaner	831,987	Sept. 25	4213	880	124	1158
Place, James W., and H. L. Conter, Decatur, Ind. Shipping-book	814,871	Mar. 13	1743	365	121	439
Place, Joseph R., Burlington, Iowa. Clinker-extractor	827,561	July 31	5948	1233	123	1560
Place, Riley, assignor of one-half to H. F. Frust, Greenleaf, Wis. Portable lifting device	825,156	July 3	930	197	123	245
Plackard, Marion, Orestes, Ind. Fodder loader and hauler	809,323	Jan. 9	1436	290	120	350
Plagman, Adolph, assignor to White Lily Washer Company, Davenport, Iowa. Mechanical movement	815,309	Mar. 13	2630	551	121	632
Planchich, Nicholas A., San Francisco, Cal. Ticket-holder	809,132	Jan. 2	1016	210	120	223
Plane, Maurice G. and W. H., Colchester, England. Positive-feed mechanical lubricator	831,890	Sept. 25	4039	841	124	1114
Plane, William H. (See Plane, Maurice G. and W. H.)						
Plank, John W. (See Snyder, John G., assignor.)						
Plank, William C., Las Flores, Mexico. Barometer	835,983	Nov. 13	2130	457	125	573
Plant, Harry N., Biddeford, Me. Dress-chart	815,467	Mar. 20	3001	626	121	761
Planta, Emanuel v., Berne, Switzerland. Sanding device	830,525	Sept. 11	1272	264	124	341
Planters Compress Company. (See Holmes, Watson M., assignor.)						
Planters Compress Company. (See Lowry, George A., assignor.)						
Plantinga, Pierre, Cleveland, Ohio. Gas-purifying apparatus	810,563	Jan. 23	4010	825	120	997
Plantinga, Pierre, Cleveland, Ohio. Gate-valve	832,079	Oct. 2	96	22	124	1235
Plass, Herbert E., New York, N. Y., assignor to Howard Miniature Lamp Company. Electric-light fitting	816,996	Apr. 3	903	187	121	1559
Plass, William F. (See Degenhardt, Johannes, assignor.)						
Plass, William F. (See Degenhardt, Johannes, assignor.) (Reissue.)						
Plaster, Joseph J., <i>et al.</i> (See Garrard, William D., assignor.)						
Plaster, Purf C., Indianapolis, Ind., assignor of two-thirds to J. M. Moore, Cromwell, Ind. Combination step and extension ladder	815,736	Mar. 20	3538	743	121	878
Plato, John B., Denver, Colo. Horse-hitching device	823,964	June 19	3460	739	122	2590
Platschick, Benvenuto, Paris, France. Electric furnace	826,962	July 24	4612	961	123	1218
Platt, Albert L., Clinton, Ill. Aerial top	813,519	Feb. 27	4011	879	120	2507
Platt Brothers & Company. (See White, Franklin R., assignor.)						
Platt, Charles H. (See Parker, George H., assignor.)						
Platt, George D., Litchfield, Ill., assignor to F. Burnes and E. M. Boley, St. Louis, Mo. Compound for manufacturing artificial fuel	833,801	Oct. 23	3616		124	2223
Platt, John G., and W. B. Landon, Meadville, Pa., assignors of one-third to M. B. Brewster, Columbus, Ohio. Chemical fire-extinguisher	831,988	Sept. 25	4214	880	124	1158
Platts, Frederick G., Kansas City, Mo. Mandolin attachment for guitars	832,157	Oct. 2	287	54	124	1282
Platz, Frank A., Brooklyn, N. Y. Garment	818,785	Apr. 24	4492	961	121	2503

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. E.	Vol.	Page.
Platz, Heinrich, assignor to F. Schorg, (Inhaber L. Schorg & K. Lohner,) Munich, Germany. Air-purifier.....	816,371	Mar. 27	4863	1031	121	1214
Platz, Wilhelm, Weinheim, Germany. Superheater.....	812,448	Feb. 13	1877	413	120	1948
Player, John, Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive-truck.....	823,482	June 12	2524	529	122	2325
Playfoot, Edward J., Galetton, Pa. Needle.....	837,580	Dec. 4	1188	263	125	1649
Playing Card Register Company. (See Pratt, Walter J., assignor.)						
Playsted, Frank W., Milwaukee, Wis. Gas-saving device.....	818,554	Apr. 24	4013	860	121	2397
Plecher, Andrew, Los Angeles, Cal., assignor to Pacific Wireless Telegraph Company. Contact device.....	817,664	Apr. 10	2196	468	121	1895
Plains, Leo H., Chicago, Ill. Urinal.....	830,846	Sept. 11	1928	404	124	517
Pleukharp, Irvin H., assignor to Direct Drive Axle Company, Columbus, Ohio. Speed changing and transmission gearing.....	824,811	July 3	264	47	123	73
Plew & Motter. (See Reindel, Frederick W., assignor.) (Reissue.)						
Pleyl, Johann. (See Jenkner and Pleyl.)						
Plice, Samuel V., Polk, Ohio. Hay-loader.....	813,581	Feb. 27	4128	905	120	2533
Plimpton, Arthur L., Boston, Mass., assignor to Atlas Railway Supply Company. Rail-joint.....	830,847	Sept. 11	1931	405	124	518
Plimpton, Henry R., 2d, Newton Center, Mass. Magnetic apparatus.....	824,812	July 3	265	47	123	73
Plinos, George A., Haverhill, Mass. Sash-fastener.....	837,501	Dec. 4	438	99	125	1465
Plinos, George A., Salem, Mass. Boot-polishing machine.....	837,720	Dec. 4	894	201-2	125	1576
Plischke, Richard, Vienna, Austria-Hungary. Malt-germinating apparatus.....	825,242	July 3	1097	232	123	286
Ploch, Bruce, Danville, Pa. Turn-teeth cultivator.....	833,627	Oct. 16	3272	696	124	2095
Ploss, Clarence. (See King and Ploss.)						
Plotkin, Max, New York, assignor to C. Bois, Brooklyn, N. Y. Stair structure.....	811,436	Jan. 30	5713	1196	120	1397
Plouff, Fred H., Boston, Mass. Feed-water regulator.....	823,635	June 19	2846	602	122	2456
Plough, Seth A., Traverse City, Mich. Valve.....	831,018	Sept. 11	2229	471	124	588
Plowman, Albert E., New York, N. Y. Button for hose-supporters.....	833,628	Oct. 16	3273	697	124	2096
Plucknett, Samuel G. (See Swyny and Plucknett.)						
Plume and Atwood Manufacturing Company. (See Wirth, Charles E., assignor.)						
Plume and Atwood Mfg. Co. (See Wirth and Bradley, assignors.)						
Plumer, Carrie R., assignor to Renstrom Tempered Copper Company, Seattle, Wash. Hardening copper.....	822,299	June 5	154		122	1762
Plummer, Albert T., <i>et al.</i> (See Compton, Lewis R., assignor.)						
Plummer, Charles H. F., Toronto, and J. E. L. Blackmore, Montreal, Quebec, Canada; said Blackmore assignor to said Plummer. Type-writing machine.....	837,639	Dec. 4	720	165-6	125	1533
Plummer, George C., Philadelphia, Pa. Conveyor-belt.....	821,121	May 22	4290	913	122	1133
Plummer, George C., assignor of one-half to T. J. Hraby, Chicago, Ill. Skate-roller.....	837,881	Dec. 4	1189	263	125	1649
Plummer, George C., assignor of one-half to T. J. Hraby, Chicago, Ill. Roller-skate.....	837,882	Dec. 4	1190	263	125	1649
Plummer, George C., assignor of one-half to T. J. Hraby, Chicago, Ill. Amusement apparatus.....	838,137	Dec. 11	1743	373-4	125	1832
Plummer, Harry F. (See Plummer, John W. and H. F.)						
Plummer, John W. and H. F., Altoona, Pa. Wood cleaning and polishing device.....	837,115	Nov. 27	4456	946	125	1233
Plummer, Ralph, Baraboo, Wis. Speed-indicator.....	818,117	Apr. 17	3127	673	121	2155
Plumtree, Oliver L. (See Cochran and Plumtree.)						
Plumtree, Oliver L., assignor to J. E. Cochran, Chicago, Ill. Weighing-scale.....	832,158	Oct. 2	288	54	124	1282
Plunger Elevator Company. (See Jansson, Karl E. O., assignor.)						
Plunkett, Charles L., assignor to American Couch Company, New York, N. Y. Couch or couch-bed.....	815,118	Mar. 13	2238	469-70	121	543
Plunkett, Christopher F., assignor of one-fourth to J. J. Plunkett, New York, N. Y. Pipe-coupling for water-closets, &c.....	818,393	Apr. 17	3676	789	121	2271
Plunkett, Christopher F., assignor of one-fourth to J. J. Plunkett, New York, N. Y. Pipe-coupling for water-closets, &c.....	833,239	Oct. 16	2472	518	124	1901
Plunkett, James J. (See Plunkett, Christopher F., assignor.)						
Plunkett, Richard. (See Grant, Charles, assignor.)						
Plym, Francis J., Kansas City, Mo. Store-front construction.....	820,438	May 15	2864	624	122	758
Plym, Francis J., Kansas City, Mo. Store-front construction.....	837,640	Dec. 4	723	166	125	1533
Poak, James L., Wyncote, Pa. Sad-iron.....	815,634	Mar. 20	3315	695	121	830
Poehly, Adolph, Ellinger, Tex. Fan.....	826,963	July 24	4614	961	123	1218
Pocklington, Elmer T., Clayton, Mich. Lock for crossed wires.....	809,395	Jan. 9	1605	325	120	386
Poeckel, Alfred W., Woking, England. Mechanical toy.....	818,555	Apr. 24	4013	860-1	121	2397
Podlesák, Henry J., Chicago, Ill., assignor to International Harvester Company. Valve-controlling mechanism for gas-engines.....	816,817	Apr. 3	524	113	121	1474
Podstata, Vaclav H., Dunning, Ill. Pneumatic cushion.....	819,452	May 1	838	180	122	188
Poe, David A., Montreal, Canada, assignor to Mergenthaler Linotype Company. Linotype-machine.....	829,290	Aug. 21	3243	684	123	2542
Poehلمان, John, Springfield, Ill. Mining-harness.....	830,802	Sept. 11	1844	383	124	494
Poehn, Hermann, Jersey City, N. J., and M. Juruick, New York, N. Y. Pocket-ammeter.....	839,637	Dec. 25	4694	1002	125	2642
Poest, Jacob, <i>et al.</i> (See Rookus, John J., assignor.)						
Poetzl, Andrew, Dover, N. J. Sock or stocking.....	820,989	May 22	4039	858	122	1079
Poggensee, Henry H., Chicago, Ill. Bottle-washing device.....	816,818	Apr. 3	525	114	121	1474
Pogue, Jasper M. (See Tichenor, Robert R., assignor.)						
Pohl, Carl, Budapest, Austria-Hungary. Production of artificial-stone plates.....	813,171	Feb. 20	3304	727	120	2296
Pohl, Felix. (See Pohl, Robert and F.)						
Pohl, Robert, Bradford, England, and F. Pohl, Cologne, Germany, assignors of one-half to Phoenix Dynamo Manufacturing Company, Limited, Thornbury Works, Bradford, England. Dynamo-electric machine.....	835,227	Nov. 6	700	144-5	125	177
Pohlé, Edwin C., Reno, Nev. Recovering values from sulfid ores.....	811,085	Jan. 30	5018		120	1251
Pohligh, John, New Orleans, La. Wagon-top.....	820,314	May 8	2618	570	122	645
Poignee, Frank. (See Brown, William N., assignor.)						
Poindexter, Robert E., Indianapolis, Ind. Saw-set.....	817,514	Apr. 10	1929	406	121	1839
Poirot, Emile, Harrison, Nehr. Carpet-stretcher.....	834,535	Oct. 30	5278	1122	124	2683
Poix, Gabrielle M., New York, N. Y. Brassières.....	823,547	June 19	2678	504	122	2417
Pokorny, Edward. (See Tauber, Maurice, assignor.)						
Pokorny, Ferdinand, Moravská Ostrava, Austria-Hungary. Adjustable dam.....	829,172	Aug. 21	3011	629	123	2486
Polak, Frank L., Glencoe, Minn. Scaffold-bracket.....	831,375	Sept. 18	2965	630	124	799
Polatsik, William, assignor to himself and J. L. Bloom, Chicago, Ill. Producing whale-bone or rubber substitutes.....	820,315	May 8	2619		122	646
Polimeni, Domenick, Windber, Pa. Carpenter's square.....	817,515	Apr. 10	1929	407	121	1839
Politz, Gustav, Kattowitz, Germany. Furnace.....	836,402	Nov. 20	2985	633	125	836
Polk, William, East Liverpool, Ohio. Machine for forming hollow blocks.....	834,847	Oct. 30	5929	1258	124	2846
Pollák, Anton, Paris, France. Apparatus for perforating paper strips or the like.....	829,932	Aug. 28	4619	972	123	2929
Pollak, Gustav. (See Kohn, Simon, assignor.)						
Pollard, Albert, Providence, R. I. Gem-setting.....	816,997	Apr. 3	905	187	121	1559
Pollard, Edson T., assignor to F. R. Patch Manufacturing Company, Rutland, Vt. Stone-sawing machine.....	836,533	Nov. 20	3246	690-1	125	898

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Pollard, Enos C., Seattle, Wash. Smelting and refining.	813,824	Feb. 27	4600	1019	120	2633
Pollard, Enos C., Seattle, Wash. Smelting and refining apparatus.	813,825	Feb. 27	4606	1020	120	2634
Pollard, Enos C., Seattle, Wash. Steam pumping device.	826,355	July 17	3368	696	123	884
Polley, David F., assignor to Markham Air Rifle Company, Plymouth, Mich. Air-gun.	808,680	Jan. 2	109	25	120	26
Pollmann, Toniuss E., Bant by Wilhelmshaven, Germany. Lock.	827,178	July 31	5119	1064	123	1359
Pollock, Adolph E., New York, N. Y. Cutting-machine.	824,948	July 3	541	107-8	123	144
Pollock, David J., Nottingham, Pa. Match-box.	823,359	June 12	2284	478	122	2275
Pollock, Jacob N., and N. W. Deruelle, Greensburg, Pa. Nut-lock.	827,562	July 31	5949	1234	123	1560
Pollock, James, Wilkes-Barre, Pa. Coal-separator.	819,252	May 1	431	91	122	101
Pollock, Milton D., Decatur, Ill. Record-keeping system.	824,949	July 3	546	108	123	145
Pollock, Samuel, Brighton township, Washington county, Iowa. Bridle-bit and its connections.	827,818	Aug. 7	259	53	123	1736
Polmann, John F., Wallington, N. J. Hose-coupling.	828,243	Aug. 7	1081	227	123	1934
Polnisch, Paul, Philadelphia, Pa. Bottle-washing machine.	829,734	Aug. 28	4192	888-9	123	2821
Polson, Henry H. (See Magill and Polson.)						
Polson, James C., Centralia, Ill. Plumber's clamp.	831,095	Sept. 18	2437	513	124	670
Polster, Tobias, St. Louis, Mo. Combination-cabinet.	820,732	May 15	3440	737	122	884
Poltoek, John A., East Rutherford, N. J. Folding canopy.	811,322	Jan. 30	5504	1148	120	1355
Poly-Phase Ignition System Company. (See Le Pontois, Leon J., assignor.)						
Pomeroy, Henry C., Chicago, Ill. Hook and eyelet setting machine.	819,921	May 8	1761	379	122	458
Pomeroy, Irving L., Lockport, N. Y. Universal work-holder for polishing-machines.	835,320	Nov. 6	890	189-90	125	225
Pomeroy, Le Dru R. (See Van Wagoner and Pomeroy.)						
Pomeroy, Silas H., New York, N. Y., assignor of one-half to F. Voigtman, Chicago, Ill. Fireproof window.	810,564	Jan. 23	4011	826	120	997
Ponarouse, George. (See Blake, Edwin C., assignor.)						
Pond, Edmund M., Rutland, Vt. Medicated tampon.	812,768	Feb. 13	2495	549	120	2072
Pond, Edmund M., Rutland, Vt. Medicated tampon.	812,769	Feb. 13	2496	549	120	2072
Pond, Edmund M., Rutland, Vt. Medicated tampon.	812,770	Feb. 13	2498	549	120	2072
Pond, Ezra S., Toledo, Ohio. Garbage-can.	814,563	Mar. 6	1128	235	121	245
Pond, George N., Aspen, Colo. Presser-machine for boxing purposes.	818,848	Apr. 24	4614	990	121	2528
Pond, Goldsberry H., Ashburnham, Mass. Child's folding carriage.	825,481	July 10	1619	337-8	123	440
Pond, L. L., et al. (See Gardner, James W., assignor.)						
Pond, Samuel N., Morgan Park, Ill. Nut-lock.	832,807	Oct. 9	1594	327	124	1634
Pond, W. T., et al. (See Gardner, James W., assignor.)						
Pond, William F. (See Nash, Ebon F., assignor.)						
Pongraz, Alfred, Losoncz, Austria-Hungary. Polishing apparatus.	837,502	Dec. 4	439	99-100	125	1465
Pons, Angel G., Mexico, Mexico. Fiber-cleaning machine.	822,767	June 5	1064	219-20	122	1962
Pontin, George, Southampton, England. Preserving mixture.	833,696	Oct. 16	3404		124	2125
Pontius, William H., Columbus, Ohio. Shield for car-handles.	831,295	Sept. 18	2819	595	124	763
Pool, James P., New York, N. Y. Navigable vessel.	815,635	Mar. 20	3316	695	121	830
Pool, James P., New York, N. Y. Navigable vessel.	815,737	Mar. 20	3541	743	121	879
Pool, James P., New York, N. Y. Circuit-controller.	836,827	Nov. 27	3856	822-3	125	1088
Pool, John G., Lynn, Mass., assignor to National Bung Manufacturing Company, Portland, Me. Tool-grinding machine.	820,519	May 15	3045	655-7	122	800
Pool, Morris W., New York, assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	824,581	June 26	4665	993	122	2905
Pool, Morris W., New York, assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	824,582	June 26	4672	994	122	2906
Pool, Peter J., Toledo, Ohio. Souvenir-vending machine.	825,555	July 10	1794	378-9	123	480
Pool, William, Lansdale, Pa. Pressing-machine.	837,116	Nov. 27	4457	946	125	1233
Pool, William H., American Fork, Utah. Insect-destroyer.	836,052	Nov. 13	2241	480	125	603
Pool, William L., Aztec, N. Mex. Ter. Churn.	812,592	Feb. 13	2172	475	120	2008
Poole, Arthur F. (See Hall and Poole.)						
Poole, Arthur F., Wheeling, W. Va. Electric clock.	834,995	Nov. 6	232	50	125	61
Poole, Arthur F., and F. B. Hall, Wheeling, W. Va. Telephone party-line system.	810,345	Jan. 16	3516	725-6	120	851
Poole, Arthur F., and F. B. Hall, Wheeling, W. Va. Party-line signaling system.	810,346	Jan. 16	3525	726	120	852
Poole, Charles C., Evanston, assignor to Oliver Typewriter Company, Chicago, Ill. Paper-movement indicator for type-writers.	811,172	Jan. 30	5207	1089	120	1290
Poole, Charles C., Evanston, assignor to Oliver Typewriter Company, Chicago, Ill. Paper-movement indicator for type-writers.	811,173	Jan. 30	5211	1089	120	1291
Poole, Clarence C., Evanston, Ill. Internal-combustion turbine-motor.	836,945	Nov. 27	4109	877	125	1148
Poole, Frederick C., Gloucester, assignor of one-half to E. H. Grey, Arlington, Mass. Pedestal-table lock.	827,033	July 24	4747	990	123	1249
Poole, George B. (See Mohr, Martin, assignor.)						
Poole, John H., Braintree, assignor to F. C. Granger, Randolph, E. H. Googins, Cambridge, and E. E. Piper, Randolph, Mass. Blind-hinge.	818,285	Apr. 17	3462	745	121	2226
Poor, George H., and H. Stabell, assignors to S. W. McMunn, Chicago, Ill. Truck and bolster mechanism.	826,688	July 24	4093	849	123	1088
Poor, Nathan, Peabody, Mass. Hot-air furnace.	811,869	Feb. 6	635	139-40	120	1620
Pope, Arthur B., Sacramento, Cal. Canceling-machine.	829,230	Aug. 21	3114	655	123	2512
Pope, Charles E., South Hadley, Mass. Machine for softening and sterilizing paper.	834,488	Oct. 30	5205	1106	124	2664
Pope, Charles H., Cambridge, Mass. Apparatus for the utilization of solar heat.	820,127	May 8	2254	490-1	122	566
Pope, Charles H., assignor to Hopkins Patent Company, Moline, Ill. Knife-clip for reaper and mower cutters.	828,502	Aug. 14	1632	345	123	2103
Pope, Harry M., Chicopee Falls, Mass., assignor, by mesne assignments, to Morton Trust Company, trustee. Motor-vehicle.	810,379	Jan. 16	3611	743	120	872
Pope, Henry F., assignor to National Malleable Castings Company, Cleveland, Ohio. Uncoupling mechanism for cars.	834,321	Oct. 30	4877	1032	124	2580
Pope, Henry W., New York, N. Y. Ready-reference device.	813,447	Feb. 27	3860	846	120	2472
Pope Manufacturing Company. (See Copeland, James S., assignor.)						
Pope, William C., Philadelphia, Pa. Transfer-ticket.	813,321	Feb. 20	3603	791	120	2357
Pope, William J. (See Mather, Hübner, and Pope.)						
Poplin, Lemuel L., Rocky Mount, N. C. Bench.	815,556	Mar. 20	3164	664	121	796
Poppenhuisen, Herman A., Evanston, Ill. Mechanical-stoking grate.	837,641	Dec. 4	725	166-8	125	1534
Popper & Co. (See Zollinger, Adalbert, assignor.)						
Porch, Neely H., et al. (See Waller, Robert H., assignor.)						
Porcher, Jacob H. (See Lewis, Albert H., assignor.)						
Porritt, Edwin, New York, N. Y. Boiler.	810,809	Jan. 23	4469	928	120	1097
Porritt, Edwin, New York, N. Y. Boiler and furnace.	815,636	Mar. 20	3320	695-6	121	831
Port, Morris. (See Hertenstein, Emil, assignor.)						
Port, Samuel J., Birmingham, England. Telephone.	837,503	Dec. 4	440	100	125	1466
Portable Elevator Mfg. Co. (See Sester, Charles P., assignor.)						
Portable Gas Fountain Syndicate. (See Bouchaud-Praceiq, Edouard, assignor.)						
Portable Wagon Dump and Elevator Company. (See White, John F., assignor.)						
Portchester Chemical Company. (See Thurlow, Nathaniel, assignor.)						
Porten, William, St. Paul, Minn. Mold for building-blocks.	810,976	Jan. 30	4832	1004-5	120	1210

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Porten, William, St. Paul, Minn. Molding concrete bricks or blocks.	818,286	Apr. 17	3463	745-6	121	2227
Porteous, Christopher F., Wilkensburg, assignor to Union Switch and Signal Company, Swissvale, Pa. Pipe-carrier.	828,050	Aug. 7	723	148	123	1849
Porter, Alamanza, Seranton, Pa. Car construction.	822,474	June 5	469	95	122	1827
Porter, Alvin, Palmer, and L. Anderson, Portland, Oreg. Pulley-block.	832,026	Sept. 25	4283	895	124	1751
Porter, Christopher, St. Paul, Minn. Water-heater.	823,636	June 19	2848	602	122	2456
Porter, Delmer C., and J. Erwin, Cedar Rapids, Iowa. Steam-heated collar-shaper.	823,360	June 12	2285	478	122	2275
Porter, Edwin F., and W. R. Whiting, assignors to American Rotary Engine Company, Boston, Mass. Gas-engine.	810,347	Jan. 16	3538	727	120	856
Porter, Edwin F., and W. R. Whiting, assignors to American Rotary Engine Company, Boston, Mass. Gas-engine.	810,365	Jan. 23	4012	826	120	997
Porter, Edwin H., and B. Currier, Philadelphia, Pa. Alternating-current-motor reverser.	808,944	Jan. 2	635	138-9	120	140
Porter, Edwin H., and B. Currier, Philadelphia, Pa. Electric meter.	811,323	Jan. 30	5507	1148	120	1356
Porter, Ephraim M., Golinza, Pa. Pipe-wrench.	819,795	May 8	1526	324	122	404
Porter, Ernest, Monticello, Ky. Rope and rope-socket protector.	821,829	May 29	5718	1218	122	1505
Porter, Ernest, Monticello, Ky. Rope and rope-socket-protector spear.	830,169	Sept. 4	538	109	124	136
Porter, Fay T., Morristown, Ind. Alarm for incubators.	815,557	Mar. 20	3165	664	121	796
Porter, Fred G. (See Rose, Edwin G. and J. R., assignors.)						
Porter, George G., Syracuse, N. Y. Device for governing the flow of fluid.	829,669	Aug. 28	4046	857	123	2788
Porter, Harris H., assignor to Rhode Island Electromobile Company, Providence, R. I. Electric storage battery.	813,582	Feb. 27	4129	905	120	2533
Porter, Henry H., et al. (See Haller and Billingsley, assignors.)						
Porter, Henry K., Chelsea, Mass. Bolt-clipper.	830,453	Sept. 4	1117	234	124	276
Porter, Jesse M., Cuyahoga Falls, Ohio. Safety-door for elevators.	823,965	June 19	3464	740	122	2591
Porter, John, and F. C. Mayer, Frostburg, Md. Bottle-closure.	819,394	May 1	1094	241	122	246
Porter, John B., Buffalo, N. Y. Railway-tie.	837,959	Dec. 11	1346	294-5	125	1730
Porter, Martin L., Redding, Cal. Vehicle-wheel.	832,080	Oct. 2	98	22	124	1235
Porter, Peter J., Boston, Mass. Covering for shoe-racks.	815,932	Mar. 20	3950	837	121	965
Porter, R. S., et al. (See Latimer, Samuel A., assignor.)						
Porter Safety Seal Company. (See Huisling, Garrett H., assignor.)						
Porter, Samuel S., et al. (See Braser, Frederick S., assignor.)						
Porter, Samuel S., et al. (See Pilcher, Frank A., assignor.)						
Porter Screen Manufacturing Company. (See Mix, Allen H., assignor.)						
Porter Screen Manufacturing Company. (See Segar, Eugene D., assignor.)						
Porter Screen Manufacturing Company. (See Southworth, Henry E., assignor.)						
Porter, Sherwood L., Delphi Falls, N. Y. Belt-stretcher.	839,028	Dec. 18	3422	739	125	2286
Porter, Thomas B., Forrest City, Ark. Scraping-point.	833,336	Oct. 16	2670	562	124	1953
Porter, Walter H., Mansfield, Mass. Skirt-scribing platform.	818,557	Apr. 24	4017	862	121	2398
Porter, Washington I., assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Sewing-machine bobbin-case.	832,414	Oct. 2	796	153	124	1403
Porter, William B. (See Johnson and Porter.)						
Porter, Wilson E., assignor to New Haven Clock Company, New Haven, Conn. Repeating alarm-clock.	809,133	Jan. 2	1017	210	120	224
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Clock.	811,324	Jan. 30	5510	1148	120	1356
Porter, Wilson E., assignor to New Haven Clock Company, New Haven, Conn. Clock.	817,803	Apr. 17	2494	534	121	2016
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Watch-barrel arbor.	820,252	May 8	2505	541	122	621
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Clock.	820,669	May 15	3318	711	122	858
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Intermittent-alarm clock.	823,894	June 19	3322	707	122	2560
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Intermittent-alarm clock.	824,205	June 26	3908	835	122	2744
Porter, Wilson E., assignor to New Haven Clock Company, New Haven, Conn. Alarm-clock.	825,347	July 10	1314	276	123	360
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Intermittent-alarm clock.	829,602	Aug. 28	3917	830	123	2756
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Intermittent-alarm clock.	830,526	Sept. 11	1273	264	124	341
Porter, Wilson E., assignor to New Haven Clock Company, New Haven, Conn. Rating device for timepieces.	832,339	Oct. 2	648	124-5	124	1368
Porterfield, Harry B. (See Tillinghast and Porterfield.)						
Portman, Petrus J., Amsterdam, Netherlands. Railway signaling.	831,376	Sept. 18	2967	630	124	800
Portmore, Thomas G., South Framingham, assignor to Dennison Manufacturing Co., Boston, Mass. Tag.	835,687	Nov. 13	1597	340	125	445
Posay, Annie, et al. (See Posey, James A., assignor.)						
Posey Automatic Switching Company. (See Posey, James A., assignor.)						
Posey, H. H., et al. (See Posey, James A., assignor.)						
Posey, James A., Midlothian, Tex. assignor, by mesne assignments, to Posey Automatic Switching Company. Electric switch for street-railways.	811,519	Jan. 30	5851	1225	120	1427
Posey, James A., Midlothian, assignor to Posey Automatic Switching Company, Fort Worth, Tex. Electromechanical switch-thrower.	827,323	July 31	5382	1119	123	1422
Posey, James A., assignor to H. H. Posey, W. E. Sewil, and A. Posey, Midlothian, Tex. Electric switch-throwing device.	836,649	Nov. 20	3453	737-8	125	947
Posey, William A., Atlanta, Ga. Fireplace.	831,096	Sept. 18	2439	514	124	670
Posson, Edward, Chicago, Ill. Dust-guard for journal-boxes.	812,323	Feb. 13	2024	443-4	120	1980
Posson, Edward, Chicago, Ill. Coupling for railway engines and cars.	816,038	Mar. 27	4170	883	121	1066
Posson, Edward, Chicago, Ill. Dump-door for cars.	822,630	June 5	806	164	122	1905
Posson, Edward, Chicago, Ill. Dump-car.	833,547	Oct. 16	3102	659	124	2055
Posson, Edward, Chicago, Ill. Railway-car.	837,721	Dec. 4	897	202-3	125	1577
Possons, Minard A., Cleveland, Ohio. Talking-machine.	818,975	Apr. 24	4848	1042	121	2580
Post, Angelica E., Boston, Mass. Dry-battery cell.	828,335	Aug. 14	1304	276	123	2017
Post, Charles R., New London, Ohio. Machine for making bale-ties.	836,650	Nov. 20	3457	738	125	946
Post, Charles W., Zion City, Ill. Combined propelling and steering apparatus for boats.	817,935	Apr. 17	2770	600	121	2079
Post, Claude L., Chicago, Ill. Multicolor-printing press.	819,309	May 1	553	118	122	127
Post, Claude L., Chicago, Ill. Printing-press.	819,310	May 1	556	119	122	128
Post, Claude L., Chicago, Ill. Printing-press.	825,677	July 10	2084	435	123	556
Post, Claude L., Chicago, Ill., assignor to Post Color Press Company, Cincinnati, Ohio. Printing-press.	835,637	Nov. 13	1517	324	125	427
Post Color Press Company. (See Post, Claude L., assignor.)						
Post, Ezra L., Wallingford, Conn. Clutch for leather-stretching machines.	824,139	June 26	3770	805	122	2713
Post, Friedrich G. J., Hamburg, Germany. Device for cutting cylinder-paper and the like.	837,340	Dec. 4	125	32	125	1386
Post, Howard M., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Two-division telephone system.	816,819	Apr. 3	526	114	121	1474
Post, John, Philadelphia, Pa. Street-railway-car fender.	820,733	May 15	3441	737	122	885
Post, John, Philadelphia, Pa. Brake-actuating device.	823,966	June 19	3466	741	122	2592

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. E.	Vol.	Page.
Post, John, Philadelphia, Pa., assignor to General Traction Company, Washington, D. C. Antifriction-bearing.	830,100	Sept. 4	381	77-8	124	93
Post, John, Philadelphia, Pa., assignor to General Traction Company, Washington, D. C. Motor-vehicle.	837,722	Dec. 4	898	203-5	125	1577
Post, Nathaniel B., St. Louis, Mo. Coffee-roaster.	836,341	Nov. 20	2862	608-9	125	808
Postal Printing & Supply Company. (See Ray, Jabez E., assignor.)						
Postal Telegraph-Cable Company. (See Johnson, Charles A., assignor.)						
Postal Telegraph-Cable Company. (See Jones, Sterns F., assignor.)						
Postlethwaite, Robert H., assignor to Risdon Iron & Locomotive Works, San Francisco, Cal. Separating-cylinder for gold-dredgers.	838,579	Dec. 18	2599	561	125	2086
Poston, Clarence E., Crawfordsville, Ind. Brick-machine.	826,356	July 17	3370	697	123	884
Potolowsky, Michael, Moscow, Russia. Treating marine-animal oils.	823,361	June 12	2286	478	122	2275
Potter, Alexander, Newark, N. J. Manhole-cover.	821,736	May 29	5528	1179	122	1461
Potter & Buffinton Company. (See Fetting, Frederick, assignor.)						
Potter, Charles W. (See Staples, Albert F., assignor.)						
Potter, Charles W. (See Staples and Potter.)						
Potter, Charles W. H., assignor to W. Aikman, Jr., and M. L. Potter, Detroit, Mich. Reamer.	833,240	Oct. 16	2473	518	124	1901
Potter, Clifford B., et al. (See Dunnell, Frederick W., assignor.)						
Potter, Clifford B., Springfield, Mass. Yarn and making the same.	813,583	Feb. 27	4131	905	120	2533
Potter, Edson, Greensburg, Ind. Apparatus for separating seeds.	826,191	July 17	3049	633	123	807
Potter, Edward A., Wilkinsburg, Pa. Line-holder.	835,289	Nov. 6	822	171	125	208
Potter, Frank M., Jr. (See Houghton and Potter.)						
Potter, Frank W. (See Westcott and Potter.) (Reissue.)						
Potter, Frederick D., Linden, N. J. Water-tube boiler.	834,640	Oct. 30	5501	1168	124	2739
Potter, George D., Spokane, Wash. Safety-fender for street-cars.	834,996	Nov. 6	235	51	125	62
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Vacuum electric furnace.	814,726	Mar. 13	1465	307-8	121	380
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Electric pressure-furnace.	814,727	Mar. 13	1469	308	121	381
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Making refractory brick.	829,427	Aug. 28	3520		123	2657
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Paint.	830,737	Sept. 11	1742		124	470
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Melting and casting silicon.	830,738	Sept. 11	1743		124	470
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Lubricant.	830,739	Sept. 11	1743		124	471
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Making paint.	830,740	Sept. 11	1744		124	471
Potter, Henry N., New Rochelle, assignor to Cooper Hewitt Electric Company, New York, N. Y. Seal and terminal for electric apparatus.	830,249	Sept. 4	707	142	124	179
Potter, Henry S., Bromley, England. Throttle-valve for pneumatic hammers.	816,998	Apr. 3	906	187-8	121	1560
Potter, James C., assignor to American Spindle Company, Pawtucket, R. I. Spindle.	821,884	May 29	5803	1236	122	1523
Potter, James J., Staunton, Va. Nut-lock.	827,941	Aug. 7	491	101	123	1793
Potter, John A., San Francisco, Cal. Smelting ores.	821,189	May 22	4422	941-2	122	1163
Potter, John A., San Francisco, Cal. Apparatus for smelting ores.	821,190	May 22	4425	942-3	122	1163
Potter, Joseph L., Indianapolis, Ind. Electromagnetic power-generator.	812,949	Feb. 20	2857	630	120	2200
Potter, Milton W., Red Lodge, Mont. Hat-hanger.	818,849	Apr. 24	4616	990	121	2529
Potter, Minnie L., et al. (See Potter, Charles W. H., assignor.)						
Potter, Morgan, assignor to Morgan Potter Company, Fishkill-on-the-Hudson, N. Y. Adjustable appliance for ladders.	810,170	Jan. 16	3136	649	120	770
Potter, Oscar, Wilmington, Del. Continuous steel-billet-casting machine.	814,728	Mar. 13	1472	308-9	121	382
Potter, William, New York, N. Y. Level.	812,449	Feb. 13	1878	413	120	1949
Potter, William, New York, N. Y. Combination draft-excluder and lock.	814,802	Mar. 13	1624	341	121	414
Potter, William B., Schenectady, N. Y., assignor to General Electric Company. Motor-control system.	808,778	Jan. 2	318	69	120	71
Potter, William B., Schenectady, N. Y., assignor to General Electric Company. Hoisting apparatus.	816,372	Mar. 27	4864	1032	121	1215
Potter, William B., Schenectady, N. Y., assignor to General Electric Company. Time-limit dash-pot.	821,431	May 22	4935	1049	122	1276
Potter, William H., Philadelphia, Pa. Attachment to machines for pulling head-hoops on barrels and kegs.	838,272	Dec. 11	2020	435	125	1898
Pottin, Henry, Paris, France. Apparatus for the automatic delivery, on sale or hire, of books, &c.	838,897	Dec. 18	3190	688-9	125	2229
Pottmeyer, John A. (See Straub and Pottmeyer.)						
Potts, Augustus M., Cedar Point, Kans. Cultivator attachment.	823,808	June 19	3164	669	122	2525
Potts, C. H., et al. (See McMahon, James P., assignor.)						
Potts, David, assignor to Warren Featherbone Company, Three Oaks, Mich. Collar-foundation.	812,876	Feb. 20	2709	597	120	2165
Potts, George H. (See Duncan and Potts.)						
Potts, Howard J. (See Jackson, Calvin, assignor.)						
Potts, John W. (See Snyder and Potts.)						
Potts, Ollie W., Crab Orchard, Ky. Gate.	831,569	Sept. 25	3355	705	124	935
Pough, Francis H., New York, N. Y. Cementing material and its manufacture.	839,509	Dec. 25	4432		125	2579
Pougher, Charles F., assignor to Birmingham Small Arms Company, Limited, Birmingham, England. Variable-speed mechanism.	821,597	May 22	5226	1115	122	1338
Poulenc, Camille, Paris, France. Obtaining lithium salts.	836,781	Nov. 27	3776		125	1067
Pouliot, Louis Z., assignor of one-half to A. P. Simar, Montreal, Canada. Pulley for window-shade rollers.	816,820	Apr. 3	533	114	121	1476
Poulsen, Carl S., Valby, near Copenhagen, Denmark. Self-toning photographic paper.	836,461	Nov. 20	3109		125	865
Poulsen, Valdemar, Copenhagen, Denmark. Receiving system for wireless transmission of signals.	839,029	Dec. 18	3425	739	125	2287
Poulsen, Valdemar, Copenhagen, Denmark, assignor, by mesne assignments, to American Telephone Company. Apparatus for effecting the storing up of speech or signals.	822,222	May 29	6456	1371-2	122	1673
Poulson, Britton, Fort Wayne, Ind. Cement-block machine.	839,418	Dec. 25	4238	907	125	2533
Poulson, Britton, assignor of one-half to F. Ziemendorf, Fort Wayne, Ind. Cement-block-making machine.	813,112	Feb. 20	3183	696	120	2271
Poulson, Joseph, Phillipsburg, N. J. Mold-ramming machine.	820,253	May 8	2506	542	122	621
Poulson, Peter, Chicago, Ill. Excavating-machine.	824,740	July 3	75	15-16	123	23
Pounds, Fredrick. (See Lauster and Pounds.)						
Poure, Georges, Boulogne-sur-Mer, France. Winding-reel.	810,977	Jan. 30	4834	1005-6	120	1210
Povlitzky, Philip, Chicago, Ill. Machine for delivering liquids.	825,935	July 17	2565	532-3	123	685
Powden, Abram H. (See Fenstermaker, Emanuel L., assignor.)						
Powdermaker, David A., Philadelphia, Pa. Catamenial sack.	826,881	July 24	4467	929	123	1180

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Powell, Albert C. (See Powell, Levi D. and A. C.)						
Powell, Albert M. (See Millet and Powell.)						
Powell, Alfred E. (See Hambright and Powell.)						
Powell, Anderson M. (See Davis, Daniel C., assignor.)						
Powell, Charles, Coal Creek, British Columbia, Canada. Miner's lamp.	833,416	Oct. 16	2832	601	124	1992
Powell, Charles A., Whitesboro, N. Y. Button-sewing machine.	822,551	June 5	626	126	122	1864
Powell, Charles A., Whitesboro, N. Y. Undergarment.	824,140	June 26	3774	805	122	2714
Powell, Charles E., Philadelphia, Pa. Railway-rail and joint.	836,462	Nov. 20	3109	659	125	865
Powell, Charles M. (See Payton and Powell.)						
Powell, Charles R., and W. Bevan, Scranton, Pa. Machine for teaching touch type-writing.	823,362	June 12	2288	479	122	2276
Powell, Chester A., Ousley, Ga. Cross-rein buckle.	830,101	Sept. 4	382	78	124	93
Powell, Ernest R. (See Welbourn, Josiah M., assignor.)						
Powell, Frank. (See Weaver, Isaac H., assignor.)						
Powell, Frederick. (See Adams and Powell.)						
Powell, George O., Poplar Bluff, Mo. Churn.	829,291	Aug. 21	3245	684	123	2542
Powell, George W., Suffolk, Va. Curtain hanger and support.	828,503	Aug. 14	1636	345	123	2104
Powell, Herbert S., Clinton, assignor to Powell Muffler & Timer Company, Utica, N. Y. Muffler.	833,241	Oct. 16	2474	518	124	1902
Powell, James, Cincinnati, Ohio. Globe-valve.	831,468	Sept. 18	3136	665	124	844
Powell, James, assignor to Wm. Powell Co., Cincinnati, Ohio. Construction of oil-cups.	812,362	Feb. 13	1703	374	120	1914
Powell, James, assignor to Wm. Powell Co., Cincinnati, Ohio. Grease-cup.	824,882	July 3	411	78	123	113
Powell, James L. (See Powell, Watkin G., W. B., and J. L.)						
Powell, John J., Logan, Utah. Wood-embossing machine.	821,737	May 29	5530	1179	122	1462
Powell, John M., Potecasi, N. C. Electric time-signal.	824,262	June 26	4025	861	122	2769
Powell, John R., Plymouth, Pa. Compound squib.	815,119	Mar. 13	2243	470	121	545
Powell, John R., Plymouth, Pa. Squib-holder.	815,212	Mar. 13	2247	510	121	593
Powell, Jonathan D., Imlay City, Mich. Silo.	817,986	Apr. 17	2866	621	121	2100
Powell, Jonathan D., Lynn, Mich. Silo.	833,242	Oct. 16	2475	518	124	1902
Powell, Levi D., and A. C., Willis, Tex. Garment-supporter.	831,989	Sept. 25	4216	881	124	1158
Powell, Lou A., Birmingham, Ala. Attachment for beds.	837,642	Dec. 4	738	168	125	1537
Powell, Moses W., Chicago, Ill. Roofing-cement.	838,580	Dec. 18	2602	125	2087	
Powell Muffler & Timer Company. (See Powell, Herbert S., assignor.)						
Powell, Ora E. (See Payton and Powell, assignors.)						
Powell, Sarah E., Fort Worth, Tex. Mixing device.	820,254	May 8	2509	543	122	622
Powell, Watkin G., W. B., and J. L., Shadeland, Pa. Tail-holder for animals.	839,195	Dec. 25	3805	821	125	2425
Powell, Watkin G., W. B., and J. L., Shadeland, Pa. Clevis.	839,196	Dec. 25	3806	821	125	2426
Powell, Watkin G., W. B., and J. L., Shadeland, Pa. Wire hinge.	839,197	Dec. 25	3807	822	125	2426
Powell, William B. (See Powell, Watkin G., W. B., and J. L.)						
Powell, William P., Grand Rapids, Mich. Window-curtain support.	824,042	June 19	3609	769	122	2620
Power Development Company. (See Smith, Clarence H., assignor.)						
Power, Edward, and E. J. Gosling, London, England. Book-holder or reading-desk.	825,072	July 3	762	159-60	123	204
Power, James, Methuen, Mass. Sash-lock.	812,229	Feb. 13	1452	317	120	1857
Power, John J., Pittsburg, Pa., assignor, by mesne assignments, to Toledo Glass Company, Toledo, Ohio. Apparatus for making glass articles.	836,991	Nov. 27	4204	894	125	1170
Power, Nicholas, New York, N. Y. Apparatus for exhibiting moving pictures.	809,981	Jan. 16	2746	564-5	120	688
Power, Nicholas, New York, N. Y. Take-up mechanism.	818,047	Apr. 17	2990	646	121	2126
Power, Nicholas, New York, N. Y. Apparatus for exhibiting moving pictures.	826,112	July 17	2917	605	123	775
Power Thomas W., and A. Boyington, Washington, D. C.; said Boyington assignor to said Power. Elevator.	837,960	Dec. 11	1347	295	125	1731
Powers, Daniel C., Cleveland, Ohio. Stop and waste cock.	829,124	Aug. 21	2886	606	123	2455
Powers, Edward, Shelbyville, Ill. Bowling-alley.	835,554	Nov. 13	1345	289	125	383
Powers, Eugene S., Merchantville, N. J. Treating clay.	818,287	Apr. 17	3465	121	2227	
Powers, Francis A., assignor of one-half to F. Gahley, Parma, Idaho. Seed and grain cleaning machine.	814,918	Mar. 13	1819	381	121	455
Powers, Francis W. (See Hoffman and Powers.)						
Powers, George W., et al. (See Kitchell and Swanson, assignors.)						
Powers, Howard, Lincoln, assignor of four-fifths to Jolbert Construction Company, Berlin, N. H. Apparatus for sorting chips.	824,141	June 26	3774	805-6	122	2714
Powers, James F., Elkton, Md. Brake-shoe.	816,373	Mar. 27	4866	1032	121	1215
Powers, John, Bennington, Mich. Draft-equalizer.	826,357	July 17	3372	697	123	884
Powers, John M. (See Henry and Powers.)						
Powers, Michael L., Springfield, Mass. Spinning-top.	823,809	June 19	3165	669	122	2525
Powers, Richard J., Chicago, Ill. Water-regulator.	826,882	July 24	4467	930	123	1180
Powers, Timothy B., New York, N. Y. Portable drill-holder.	828,051	Aug. 7	724	148	123	1849
Powers, William W. (See Jaquet, Matthew C., assignor.)						
Powlison, Allen L. (See Erb and Powlison.)						
Pownall, Henry D., Cincinnati, Ohio. Valve.	831,742	Sept. 25	3717	778	124	1035
Powner, Dixon, and T. C. Thompson, Leeds, England. Safety-gate for hoists.	824,381	June 26	4255	906	122	2815
Poyas, Karl H., Los Angeles, Cal. Telephone signaling apparatus.	808,868	Jan. 2	468	103	120	104
Poynton, Henry N., Seymour, Victoria, Australia. Car-coupling.	817,665	Apr. 10	2198	469	121	1895
Pradeau, Charles W., Shepherd's Bush, London, England. Wheel.	825,157	July 3	932	197	123	245
Praed, Humphrey M., deceased, Riverside, Cal.; W. E. Pedley, administrator. Bin.	813,059	Feb. 20	3081	675	120	2248
Prager, Lewis, et al. (See Mead, Charles, assignor.)						
Prahar, Louis B., New York, N. Y. Lock for bag-frames.	827,563	July 31	5950	1234	123	1561
Prahar, Louis B., New York, N. Y. Corner-fastening.	828,679	Aug. 14	1973	416	123	2190
Prahl, Hans H., and E. H. Kistner, Independence, Kans. Bench-stop.	816,999	Apr. 3	908	188	121	1560
Prahm, Adolph F., Indianapolis, Ind. Signal-lamp.	825,936	July 17	2567	534	123	686
Prall, Edgar F., New York, N. Y. Turbine-engine.	827,995	Aug. 7	608	124	123	1821
Prame, Frank J. (See Kime, Orville F., assignor.)						
Prame, Frank J., Shiloh, Ohio. Blast-regulator for grain and seed cleaners.	823,637	June 19	2849	603	122	2457
Prangemeier, Caspar, Münster, Germany. Implement for driving in nails.	827,392	July 31	5521	1149	123	1457
Prankard, Charles J. (See Hughes and Prankard.)						
Prario, John, Mount Hope, W. Va. Proportional calipers.	835,466	Nov. 6	1179	254	125	296
Praschl, Stephan, Cleveland, assignor to Lake Shore Novelty Company, Findlay, Ohio. Ticket-box.	825,937	July 17	2568	534	123	686
Prasse, Oscar C., West Brighton, N. Y. Washing apparatus.	822,300	June 5	155	31	122	1762
Prathner, Ernest L. (See Hogeland, Israel, assignor.)						
Pratt, Alexander, Santa Barbara, Cal. Copy-holder.	832,209	Oct. 2	390	72	124	1307
Pratt, Allison A., assignor of one-half to E. J. Selley, New York, N. Y. Regulator for gas-burners.	832,159	Oct. 2	289	54	124	1282
Pratt, Austin A., Los Angeles, Cal. Electric heater.	813,113	Feb. 20	3186	697	120	2271
Pratt, Charles W., assignor of one-half to T. J. Taylor, Martin, Tenn. Brickmaking-machine.	816,374	Mar. 27	4867	1032-3	121	1215
Pratt, Earle H., Milwaukee, Wis. Draft attachment.	838,449	Dec. 11	2337	507	125	1978

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Pratt, Eugene E., <i>et al.</i> (See Whitney, Charles E., assignor.)						
Pratt, George L., Atlanta, Ga. Means for lubricating pulverizing-mills	826,059	July 17	2806	582	123	747
Pratt, George L., Atlanta, Ga. Port-closing device	826,060	July 17	2809	582	123	749
Pratt, George L., Atlanta, Ga. Pulverizing-mill	826,061	July 17	2811	583	123	749
Pratt, George L., Atlanta, Ga. Pulverizing-machine	826,062	July 17	2814	583-4	123	750
Pratt, Howard C., New York, N. Y. Woven-wire fence	828,901	Aug. 21	2428	516	123	2336
Pratt & Letchworth Company. (See Hennicke, Charles A., assignor.)						
Pratt, Leverett A., Bay City, Mich. Mold for concrete posts	821,738	May 29	5531	1180	122	1462
Pratt, Lewis M., Belleville, Kans. Molding-machine	822,015	May 29	6060	1291-2	122	1582
Pratt, Lewis M., Belleville, Kans. Molding-machine	839,419	Dec. 25	4241	908	125	2534
Pratt, Lewis M., and E. H. Van Natta, Belleville, Kans.; said Pratt assignor to said Van Natta. Molding-machine	812,291	Feb. 13	1587	348	120	1888
Pratt, Louis L. (See Wheeler and Pratt.)						
Pratt, Walter J., New York, N. Y., assignor to Playing Card Register Company. Game-counter	829,603	Aug. 28	3919	830	123	2756
Pratt & Whitney Company. (See Goodrich, Clarence L., assignor.)						
Pratt & Whitney Company. (See Hanson, Bengt M. W., assignor.)						
Pratt & Whitney Company. (See Hoagland, Francis O., assignor.)						
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Electric meter.	816,375	Mar. 27	4870	1033	121	1216
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Electric metering system	826,272	July 17	3204	664-5	123	842
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Electric meter.	835,321	Nov. 6	895	190	125	227
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Electric measuring instrument	835,322	Nov. 6	898	190-1	125	227
Pratt, William H., and A. L. Ellis, Lynn, Mass., assignors to General Electric Company. Making hollow articles	829,801	Aug. 28	4339	917	123	2859
Pratts, Gust, Flint, Mich. Candy-making machine	811,086	Jan. 30	5020	1048	120	1251
Pray, Arthur E., Rome, and L. M. Philbrick, Mount Vernon, Me. Pump	831,679	Sept. 25	3606	756	124	1006
Pray, Ida H., executrix. (See Pray, Stuart H.)						
Pray, Stuart H., deceased, Norwood, Mass.; I. H. Pray, executrix. Feeding mechanism for articles in sheet form	819,376	May 1	696	147	122	159
Preacher, Geoffery L., Augusta, Ga., assignor of one-half to A. E. Holman, Pittsburg, Pa. Shutter-operating device	839,030	Dec. 18	3426	740	125	2287
Préaubert, Louis, and G. A. Thubé, Nantes, France. Tarring roads	812,593	Feb. 13	2173		120	2008
Preble, Andrew C., Chicago, Ill. Trap-door	825,613	July 10	1912	405	123	508
Preble, Charles H., Chambersburg, Pa. Cushion-insole for shoes	830,250	Sept. 4	708	143	124	179
Precht, Heinrich, Neustassfurt, Germany. Making acetylene chlorid	817,188	Apr. 10	1272		121	1702
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Cooler for compressors	810,670	Jan. 23	4209	870-1	120	1041
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Separable head-coupling	810,671	Jan. 23	4210	871	120	1041
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Discharge-valve for fluid-compressors	810,672	Jan. 23	4211	871	120	1041
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Channeling-machine	818,558	Apr. 24	4019	862	121	2399
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Channeling-machine	833,938	Oct. 23	3941	837	124	2308
Prellwitz, William, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Hammer-drill	818,638	Apr. 24	4181	900	121	2435
Prendergast, Alois P. (See Tatum and Prendergast.)						
Prendergast, Bernard H. (See Waechter and Prendergast.)						
Prendergast, David A., Blaine, Wash. Cattle-guard	839,420	Dec. 25	4244	908	125	2535
Prendergast, Edward, St. Louis, Mo. Refrigerator	809,324	Jan. 9	1438	291	120	350
Prendergast Electric Typewriter Company. (See Hill, Hermann, assignor.)						
Prendergast, Frank P., Dagus Mines, Pa. Wheel construction	814,077	Mar. 6	150	30	121	34
Prendergast, Frank P., Dagus Mines, Pa. Spark-arrester	820,599	May 15	3192	686	122	832
Prentice, George H., Painesville, Ohio. Device for preventing the creeping of rails	823,739	June 19	3031	641	122	2494
Prentice, George H., Painesville, Ohio. Device for preventing the creeping of rails	832,699	Oct. 9	1372	277	124	1583
Prentice, George J., New York, N. Y. Device for the preliminary forming of cigar-bunches	818,786	Apr. 24	4494	962	121	2503
Prentice, John P., Barberton, Ohio, assignor to Sterling Company. Lantern and plug for water-tube boilers	821,739	May 29	5534	1180	122	1462
Prentice, Vernet E. (See Conradson, Conrad M., assignor.)						
Prentiss, Andrew L., Buffalo, N. Y. Trolley-pole controller	826,799	July 24	4299	894	123	1140
Prentiss, Frank S. R., San Francisco, Cal. Multiple-printing apparatus	824,813	July 3	267	47	123	74
Prentiss, Frank S. R., San Francisco, Cal. Multiple printing, developing, fixing, washing, and drying apparatus	830,741	Sept. 11	1745	359	124	471
Presbrey, Edward F., assignor to Hamilton & Hamilton, Jr., Providence, R. I. Slide-bracelet	824,309	June 26	4100	877	122	2785
Prescott, Charles H., East Liverpool, assignor of one-half to S. S. McCurdy, Toronto, Ohio. Boiler-cleaner	838,898	Dec. 18	3193	689	125	2229
Prescott, Edwin, Arlington, Mass. Mechanism for operating shutters, &c.	816,881	Apr. 3	664	138	121	1506
Prescott, George E., assignor of one-half to C. H. Smith and B. W. Page, Skowhegan, Me. Lug-strap fastener for loom picker-sticks	821,058	May 22	4166	886	122	1105
Prescott, Henry A. (See Prescott, James C. and H. A.)						
Prescott, James C. and H. A., Philadelphia, Pa. Shaft for turbines	828,826	Aug. 14	2257	480	123	2263
Prescott, James C. and H. A., Philadelphia, Pa. Elastic-fluid turbine	828,827	Aug. 14	2259	480-1	123	2263
Prescott, John O., <i>et al.</i> (See Pancoast, Edwin A., assignor.)						
Prescott, Sydney I., assignor to American Tobacco Company, New York, N. Y. Making cigarettes	826,800	July 24	4301	894	123	1141
Preslar, Charles F., assignor to Preslar-Crawley Manufacturing Company, Cincinnati, Ohio. Feeding mechanism for drilling machinery	816,500	Mar. 27	5125	1086	121	1270
Preslar-Crawley Manufacturing Company. (See Preslar, Charles F., assignor.)						
Presley, Anthony W., Los Angeles, Cal. Railway-crossing alarm	837,643	Dec. 4	739	168	125	1537
Press, Jacob, New York, N. Y. Boring device	833,001	Oct. 9	1971	412	124	1726
Pressed Prism Plate Glass Company. (See Wadsworth, Frank L. O., assignor.)						
Pressed Steel Car Company. (See Dodds, Ethan L., assignor.)						
Pressed Steel Car Company. (See Lindström, Charles A., assignor.)						
Pressed Steel Car Company. (See Lindström and Streib, assignors.)						
Pressed Steel Manufacturing Company. (See Knipe, Oliver C., assignor.)						
Pressler, Caswell, Pleasantgrove, Miss. Cultivator	812,678	Feb. 13	2325	507	120	2037
Prest, John E., Worcester, Mass. Thread-board for spinning-frames	817,273	Apr. 10	1448	305	121	1737
Preston, Albert F., Boston, Mass. Wheel-loading machine	816,882	Apr. 3	668	138-9	121	1506
Preston, Albert F., Boston, Mass. Machine for driving fasteners	820,670	May 15	3319	712-13	122	858
Preston, Albert F., East Boston, Mass. Nailing-machine	822,867	June 5	1262	260	122	2002
Preston, Edith B., Mexico, Mo. Bed-spring	820,011	May 8	2010	441	122	510
Preston, John, Walker township, Kent county Mich. Mold for concrete structures	833,894	Oct. 23	3847	817	124	2282

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Preston, Percy C., Denison, Tex. Reed-organ	811,087	Jan. 30	5023	1049	120	1252
Preston, William H., assignor of one-half to F. C. Warren, Valley Junction, Wis. Desk-tool	830,614	Sept. 11	1459	302	124	391
Pretznan, John H., Greenville, Ohio. Multiple bolt	809,628	Jan. 9	2064	428	120	485
Pretzell, Carl. (See Schirmacher, Schmidt, Pretzell, and Schunacher.)						
Preuss, Paul, Berlin, Germany. Device for cutting screws upon long rods	813,114	Feb. 20	3188	697	120	2272
Prevost, Camille. (See Martineau and Prevost.)						
Prewett, Friend B., Logansport, Ind. Micrometer-calipers	826,883	July 24	4468	930	123	1180
Pribil, Frank J., Jr., Appleton City, and J. N. Utterson, Montrose, Mo. Undertaker's mitten	822,868	June 5	1266	261	122	2003
Price, Charles H. (See Price, Frank W. and C. H.)						
Price, Charles R., Des Moines, Iowa. Farm-gate	808,869	Jan. 2	469	103	120	104
Price, Claude, assignor of one-half to G. E. Gleason, Kansas City, Mo. Elevator safety-brake	837,961	Dec. 11	1351	295-6	125	1732
Price, David, McKeesport, and H. C. Zimmerman, Duquesne, Pa. Rail cleaning and roughing device	825,678	July 10	2087	435	123	556
Price, Edgar F., Niagara Falls, N. Y. Producing low-carbon ferro alloys	825,348	July 10	1316	277	123	361
Price, Edgar F., assignor to Union Carbide Company, Niagara Falls, N. Y. Reducing metallic compounds and producing carbids	826,742	July 24	4192	871	123	1111
Price, Edgar F., assignor to Union Carbide Company, Niagara Falls, N. Y. Reducing compounds and producing carbids	826,743	July 24	4196	871-2	123	1113
Price, Edgar F., assignor to Union Carbide Company, Niagara Falls, N. Y. Apparatus for reducing metallic compounds and producing carbids	826,744	July 24	4199	872	123	1114
Price, Edgar F., assignor to Union Carbide Company, Niagara Falls, N. Y. Apparatus for reducing compounds and producing carbids	826,745	July 24	4202	872-3	123	1115
Price, Edgar F., G. E. Cox, and J. G. Marshall, assignors to Union Carbide Company, Niagara Falls, N. Y. Apparatus for the production of calcium carbide	809,842	Jan. 9	2460	511	120	574
Price, Frank W. and C. H., Finleyville, Pa. Hub-boring machine	832,415	Oct. 2	797	154	124	1403
Price, Gaston C., Memphis, Tenn. Dump-wagon	837,723	Dec. 4	904	205	125	1580
Price, George B., Colorado Springs, Colo. Fire-escape apparatus	812,950	Feb. 20	2860	630	120	2200
Price, George W., Chicago, Ill. Hat-frame former	823,696	June 19	2957	625-6	122	2479
Price, Gomer W., Oakland, assignor of one-half to Krogh Manufacturing Co., San Francisco, Cal. Packing for joints between stationary and moving parts of machinery	834,848	Oct. 30	5930	1259	124	2847
Price, Herbert J., Amesbury, Mass. Car-seal	837,505	Dec. 4	443	101	125	1466
Price, James H., Shenandoah, Va. Flue-ferrule	822,475	June 5	471	96	122	1828
Price, John. (See Heagale, Arthur, assignor.)						
Price, Judson L. (See Rockwell, Hubert R., assignor.)						
Price, Leonidas H. (See Pruitt and Price.)						
Price, Lot W., Whitten, Iowa. Forceps for handling boiled clothes	818,465	Apr. 24	3813	820	121	2356
Price, Milbert F., Iowa City, Iowa. Coin-controlled apparatus	816,936	Apr. 3	776	160	121	1531
Price, Ned S., Erie, Pa. Device for drenching horses	818,466	Apr. 24	3814	820	121	2356
Price, Orvey, Plainfield, N. J. Artificial-stone shingle	816,252	Mar. 27	4590	977	121	1156
Price, Orvey, Plainfield, N. J. Building construction. (Reissue)	12,467	Mar. 27	5241	1111	121	1298
Price, Orvey, Plainfield, N. J. Molded stone building-slab	833,629	Oct. 16	3275	697	124	2096
Price, Orvey, Plainfield, assignor, by mesne assignments, to Taylor Iron & Steel Company, High Bridge, N. J. Safe or vault door bolting mechanism	821,740	May 29	5537	1180-1	122	1463
Price, Orvey, Plainfield, assignor, by mesne assignments, to Taylor Iron & Steel Company, High Bridge, N. J. Safe-door-locking mechanism	826,607	July 24	3944	817-18	123	1048
Price, Theodore H., and W. P. Quentell, assignors to Utility Cotton Picker Company, New York, N. Y. Cotton-harvester	817,666	Apr. 10	2199	469	121	1895
Price, Theodore H., and W. P. Quentell, assignors to Utility Cotton Picker Company, New York, N. Y. Cotton-harvester	817,667	Apr. 10	2201	470	121	1896
Price, Thomas, Minneapolis, Minn. Trolley-hanger	823,438	June 12	2425	511	122	2303
Price, Walter B., New Orleans, La. Collapsible box or crate	823,967	June 19	3468	741	122	2592
Price, William C., assignor to Staver Carriage Company, Chicago, Ill. Driving mechanism for automobiles	819,377	May 1	701	147-8	122	159
Price, William G., Kingston, N. Y. Brake	818,639	Apr. 24	4183	900-1	121	2435
Price, William G., Pittsburg, Pa. Car-truck	818,640	Apr. 24	4188	901	121	2437
Price, William G., Pittsburg, Pa. Slack-adjuster	818,641	Apr. 24	4191	902	121	2438
Price, William G., Pittsburg, Pa. Bolster swing-damper	818,642	Apr. 24	4195	902	121	2439
Price, William G., Pittsburg, Pa. Car-truck	833,895	Oct. 23	3849	818	124	2282
Price, William M., Oshkosh, Wis. Pipe-holder	839,638	Dec. 25	4695	1002	125	2642
Price, William T., Minneapolis, Minn. Manufacturing car-seal pockets	824,741	July 3	85	16	123	25
Price, William W., Dayton, Ohio. Pipe-coupling ring	821,536	May 22	5118	1089	122	1315
Price, William W., Dayton, Ohio. Ring for pipe-couplings	821,537	May 22	5118	1090	122	1315
Price, William W., Dayton, Ohio. Ring for pipe-couplings	821,538	May 22	5119	1090	122	1315
Prichard, Henry L., Dallas, Tex. Invalid-bed	837,504	Dec. 4	442	100-1	125	1466
Prichard, Mason S., Goldbar, Wash. Lubricator	829,292	Aug. 21	3247	684	123	2543
Prickett, Clifford D. (See Hill, Warren S., assignor.)						
Pridde, Arthur. (See McGuigan and Pridde.)						
Pridde, Arthur, San Francisco, Cal. Hatch door and gutter	826,746	July 24	4205	873	123	1116
Prideaux, Lewis, assignor of two-thirds to C. A. Blumhard and A. Fertig, Philadelphia, Pa. Non-refillable bottle	815,375	Mar. 20	2819	587	121	719
Primrose, Henry E. (See Karow, Henry, assignor.)						
Primrose, William A., Chicago, Ill. Combined envelop and letter-sheet	831,990	Sept. 25	4217	881	124	1159
Priebe, Herman C., Blue Island, Ill. Draft-gear	820,012	May 8	2011	441	122	511
Priebe, Herman C., Blue Island, Ill. Metal draft-beam	839,316	Dec. 25	4036	868	125	2482
Prier, Adolph A. (See Farley, John P., assignor.)						
Prier, Andrew E., New York, N. Y. Bottle-seal	809,011	Jan. 2	773	167	120	170
Pries, Herman. (See Williamson and Pries.)						
Priest, Edward D., Schenectady, N. Y., assignor to General Electric Company. Electric locomotive	823,968	June 19	3469	742	122	2592
Priest, Edward D., Schenectady, N. Y., assignor to General Electric Company. Electric locomotive	823,969	June 19	3472	742	122	2593
Priest, Frank L., St. Louis, Mo. Railway-rail joint	822,768	June 5	1069	220	122	1963
Priest, George E., Orange, Mass. Gang matching-machine	816,039	Mar. 27	4172	884	121	1067
Priestman, Albert, Philadelphia, Pa. Filtering apparatus	835,163	Nov. 6	578	118	125	145
Prigmore, Ben T. (See Vanbibber and Prigmore.)						
Prim, William S., New York, N. Y. Gas-burner	831,469	Sept. 18	3138	665	124	844
Primat, Alexandre, Paris, France. Rotary motor	829,231	Aug. 21	3116	655-6	123	2512
Primus, Frank T., and E. G. Eggleston, Vinton, Iowa. Chalk-holder	814,872	Mar. 13	1744	365	121	439
Prince, Ernest C., et al. (See Denmead, John W., assignor.)						
Prince, Sherman W., et al. (See Kitchell and Swanson, assignors.)						
Prince Stokoe Oil Stove Company. (See Stokoe, John M., assignor.)						
Prindle, Edwin J., Washington, D. C., assignor to Diamond Match Company, New York, N. Y. Match-making machine	808,945	Jan. 2	638	139-40	120	140

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Prindle, Harold A. R., and J. U. Adolph, Philadelphia, Pa. Pneumatic tool.....	839,031	Dec. 18	3427	740	125	2287
Prindle, Otis H., Collinwood, Ohio. Iron railway-tie.....	813,584	Feb. 27	4133	906	120	2533
Prindle, Roscoe S., assignor of one-half to C. H. and V. C. Tompkins, New York, N. Y. Self-condensing turbine.....	833,482	Oct. 16	2982	632-4	124	2028
Prine, Thomas M., Toledo, Ohio. Clover-seed-cleaning machine.....	818,118	Apr. 17	3128	674	121	2155
Pring, John R., Shawnee, Okla. Ter. Whiffletree-coupling.....	817,335	Apr. 10	1556	327	121	1759
Pring, John R., assignor of one-sixth to C. McCormick, Shawnee, Okla. Ter. Rail-joint.....	817,336	Apr. 10	1558	327	121	1760
Pringle, Robert M., assignor to Corey Estate Company, St. Louis, Mo. Fire-hydrant.....	821,191	May 22	4429	943	122	1164
Prins, Peter, Minneapolis, Minn. Making strawboard.....	819,595	May 1	1095	.....	122	246
Printers' Engineers. (See Hall and Barber, assignors.)						
Printz, Emanuel. (See Roeske, Henry, assignor.)						
Prinz, Faustin, Milwaukee, Wis. Sieve-cleaner for grain-separators.....	816,821	Apr. 3	534	115	121	1476
Prior, Andrew A. (See Harris and Prior.)						
Prior, Ernest B., Brooklyn, N. Y., assignor to Lorain Steel Company, Philadelphia, Pa. Tongue-switch.....	810,433	Jan. 23	3740	770	120	935
Pritchard, Albert R., Rochester, N. Y. Lantern.....	809,462	Jan. 9	1739	359	120	416
Pritchard, Albert R., Rochester, N. Y. Bail-support for lanterns.....	817,387	Apr. 10	1661	352	121	1783
Pritchard, Albert R., Rochester, N. Y. Tubular lantern.....	819,167	May 1	248	54	122	61
Pritchard, Albert R., Rochester, N. Y. Globe-lifting device for lanterns.....	823,078	June 12	1695	350	122	2144
Pritchard, Albert R., Rochester, N. Y. Washboiler.....	828,052	Aug. 7	724	149	123	1850
Pritchard, Charles A. G., Cleveland, Ohio. Sound-box.....	818,119	Apr. 17	3130	674	121	2156
Pritchard Manufacturing Company. (See Kline, David C., assignor.)						
Pritchard-Strong Company. (See Buckley, Kline, and Singleton, assignors.)						
Pritchard-Strong Company. (See Johnson, Joseph E., assignor.)						
Pritchard-Strong Company. (See Kline, David C., assignor.)						
Pritchard, Thomas W. (See Sullivan, Pritchard, and Ellison.)						
Pritchard, William C., Augusta, Ga. Attachment for swingletrees.....	816,501	Mar. 27	5127	1087	121	1270
Pritchett, John W., Holly Springs, Miss. Car-fender.....	833,337	Oct. 16	2671	562	124	1953
Pritschau, Ferdinand A., assignor to Commercial Artificial Fuel Company, Toledo, Ohio. Peat-mill.....	813,520	Feb. 27	4012	879-80	120	2508
Privat, Maurice, Angoulême, France. Automatic apparatus for preventing collision of railway-trains.....	838,138	Dec. 11	1746	374	125	1833
Probst, George W., Lock Haven, Pa. Cooking utensil.....	832,274	Oct. 2	521	99	124	1339
Probyn, Leslie, Freetown, Sierra Leone. Tobacco-pipe, cigar-holder, and cigarette-holder.....	809,325	Jan. 9	1438	291	120	351
Procter, Henry R., Leeds, England. Measuring and trying device.....	836,891	Nov. 27	3977	849	125	1119
Procter, William H., Jatin, India. Lubricating device.....	821,432	May 22	4937	1049	122	1276
Proctor, Alfred W., New York, N. Y. Check-punch.....	824,814	July 3	268	48	123	74
Proctor, Augusta, Viroqua, Wis. Holder for lacework. (Reissue).....	12,479	May 8	2750	598	122	675
Proctor, Charles M., assignor, by mesne assignments, to P. R. Manufacturing Company, Detroit, Mich. Electric bell.....	835,199	Nov. 6	649	133	125	165
Proctor, Olin S., Denver, Colo. Means for operating drills.....	811,791	Feb. 6	485	105	120	1589
Producers Supply Company. (See Inman, Edward R., assignor.)						
Proeger, Julius, Greensburg, Pa. Glass-tank furnace.....	811,952	Feb. 6	842	185-6	120	1660
Pronovost, Joseph, Holt, Mont. Hoisting-machine.....	832,808	Oct. 9	1595	327-8	124	1635
Propper, Emanuel J., and F. Bachschmid, Biel, Switzerland. Artificial-building-stone block.....	839,510	Dec. 25	4433	946	125	2579
Prosch Photographic Shutter and Optical Company. (See Klaiber, Maximilian, assignor.)						
Prosser, Henry B., Chicago, Ill. Propeller for boats.....	815,738	Mar. 20	3545	744	121	880
Protected Metal Company. (See Jacobs, Frank D., assignor.) (Reissue.)						
Protection Paper Company. (See Greenstreet, Jason H., assignor.)						
Protective Tread Company. (See Farmer, Theodore P., assignor.)						
Proulx, Charles A. (See Friedrichs, Gustave A., assignor.)						
Proulx, Joseph N. (See Bouvier and Proulx.)						
Prouty, Enoch, Chicago, Ill. Sill for skeleton car-frames.....	832,623	Oct. 9	1226	246	124	1549
Prouty, Enoch, Kansas City, Kans. Power-transmitting machine.....	838,581	Dec. 18	2602	561	125	2087
Prouty, Homer E., Genoa, Ill. Tire-armor.....	816,182	Mar. 27	4469	946	121	1131
Prouty, Theodore C., Albion, Mich. Forging-machine.....	821,059	May 22	4166	886	122	1106
Prouty, Theodore C., assignor to Wilcox Manufacturing Company, Aurora, Ill. Door-hanger.....	819,796	May 8	1527	324	122	404
Prouty, William B., Omaha, Nebr. Sleeping-car.....	824,815	July 3	269	48	123	74
Provan, James W., Oshawa, Canada. Feed and litter carrier.....	812,363	Feb. 13	1707	374	120	1915
Provandie, Herbert F., Melrose, Mass. Electric transformer and connections.....	812,089	Feb. 6	1109	244	120	1714
Provandie, Herbert F., Melrose, Mass. Micrometer for measuring thickness of paper and other sheets.....	836,605	Nov. 20	3364	717	125	928
Provident Life & Trust Company of Philadelphia, administrator. (See Brown, Edward.)						
Provost, Camille, assignor of one-half to A. B. McGowen, Jeanerette, La. Shingle-edging machine.....	812,951	Feb. 20	2862	631	120	2201
Provost, Peter, Menominee, Mich. Grain heater and drier.....	831,570	Sept. 25	3357	705	124	936
Pruett, John M., and J. C. Simpson, Rockville, Ind. Burial-vault mold.....	809,629	Jan. 9	2065	428	120	485
Prugh, John H. (See Spence, Prugh, and Zimmer.)						
Pruim, Hiram P., Chicago, Ill. Door-stop.....	831,097	Sept. 18	2441	514	124	671
Pruis, Johan. (See Lohmann and Pruis.)						
Pruitt, Eugene R. (See Weitzel and Pruitt.)						
Pruitt, Norman, Washington, D. C. Damper.....	835,915	Nov. 13	2019	430	125	549
Pruitt, Oran M., and L. H. Price, assignors to Indiana Veneer and Lumber Company, Indianapolis, Ind. Fitch-clamp for stay-logs for veneer-mills.....	828,336	Aug. 14	1306	276	123	2018
Pruitt, Lee C. (See Cagle, Carter M., assignor.)						
Pruiner, Conrad, Wiener-Neustadt, Austria-Hungary. Pneumatic hammer.....	834,641	Oct. 30	5503	1168-9	124	2740
Prust, Helmuth F. (See Place, Riley, assignor.)						
Pruver, Albert, New York, N. Y. Cord-stitch-buttonhole machine.....	815,739	Mar. 20	3546	744	121	880
Pruyn, William H., Jr., Chicago, Ill. Concrete railway-tie.....	812,524	Feb. 13	2025	444	120	1980
Pryor, Henry H. (See Strowger, Walter S., assignor.)						
Psilander, Charles A., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Suspension means for electric-railway motors.....	816,600	Apr. 3	108	23	121	1380
Puffer, Charles J., assignor to J. C. Roberts, Peoria, Ill. Hydrocarbon-vapor burner.....	829,604	Aug. 28	3923	831	123	2757
Puffer, Charles J., Aurora, assignor to J. C. Roberts, Peoria, Ill. Vapor-stove.....	836,403	Nov. 20	2987	633	125	836
Pugerud, Ola S., New York, N. Y. Bottle-stopper.....	836,782	Nov 27	3777	804	125	1067
Pugh, James M. (See Armstrong, Pugh, and Magee.)						
Pugh, John D., Baltimore, Md. Furnace-stock distributor.....	827,118	July 31	4950	1033-4	123	1312
Pugh, Kate, Central City, Colo. Fire-escape.....	816,183	Mar. 27	4471	947	121	1131
Pugley, Chester D., Peekskill, N. Y. Sleeping-car.....	833,483	Oct. 16	2990	634-5	124	2028
Puglesy, William S., assignor to J. G. Noyes, London, Canada. Folding clothes-drier and hat and coat holder combined.....	822,552	June 5	631	126-7	122	1865

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. G.	Vol.	Page.
Pulfer, Robert A., Los Angeles, Cal. Show-case.....	839,639	Dec. 25	4697	1002-3	125	2042
Pullen, Leon W., Camden, N. J. Electric railway.....	832,416	Oct. 2	800	154-5	124	1404
Pulliam, George W., Columbia, Mo. Bicycle attachment.....	816,122	Mar. 27	4345	920	121	1104
Pulliam, Oswald S., Pittsburg, Pa. Draft-rigging carrier and body-bolster.....	813,666	Feb. 27	4289	944	120	2567
Pulliam, Oswald S., Pittsburg, Pa. Car-body underframe construction.....	813,667	Feb. 27	4290	944-5	120	2567
Pulliam, Oswald S., Pittsburg, Pa. Metallic railway-tie.....	813,668	Feb. 27	4291	945	120	2568
Pulliam, Oswald S., Pittsburg, Pa. Car-truck bolster.....	821,312	May 22	4665	994	122	1214
Pulliam, Oswald S., Pittsburg, Pa. Truck end casting.....	821,313	May 22	4666	994	122	1215
Pulliam, Oswald S., Pittsburg, Pa. Side frame for railway-car trucks.....	824,437	June 26	4381	932	122	2840
Pulliam, Oswald S., Pittsburg, Pa. Vessel construction.....	836,892	Nov. 27	3978	850	125	1119
Pulliam, Oswald S., Pittsburg, Pa. Friction draft-rigging.....	839,783	Dec. 25	4988	1065	125	2715
Pulliam, Oswald S., St. Louis, Mo. Swing-bearing for car-axle boxes.....	836,992	Nov. 27	4207	895	125	1171
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Car-truck.....	833,084	Oct. 9	2128	448	124	1767
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Body-bolster construction.....	833,085	Oct. 9	2129	448	124	1765
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Car-body-underframe construction.....	833,086	Oct. 9	2130	448	124	1768
Pullman Automatic Ventilator Company. (See Pullman, Charles L., assignor.)						
Pullman, Charles L., Pequanac, N. J., assignor to Pullman Automatic Ventilator Company, Washington, D. C. Ventilator.....	822,074	May 29	6178	1316	122	1610
Pullman Company. (See Dodds, Ethan L., assignor.)						
Pullman Company. (See Dunbar and Dodds, assignors.)						
Pullman, Herbert S., assignor of one-half to K. L. Baldwin, Meriden, Conn. Vehicle-wheel.....	832,560	Oct. 2	1076	216	124	1472
Pullman Patents Company. (See Higginson, George, assignor.)						
Pulster, Henry, Philadelphia, Pa. Latch-closer for knitting-machines.....	825,679	July 10	2088	435	123	557
Pulver Chocolate and Chiclé Manufacturing Company. (See Pulver, Henry H., assignor.)						
Pulver, Henry H., assignor, by mesne assignments, to Pulver Chocolate and Chiclé Manufacturing Company, Rochester, N. Y. Vending-machine.....	836,651	Nov. 20	3460	739	125	949
Pulvitt, John, Alvarado, Tex. Bolt-clipper.....	809,843	Jan. 9	2462	512	120	574
Pumice Stone Construction Company. (See Depew and McCoy, assignors.)						
Pumilia, Jacob, Ensley, Ala. Shoe.....	829,428	Aug. 28	3521	739	123	2657
Pumphrey, Clarence H., et al. (See De Vilbiss, Allen, Jr., assignor.)						
Pumphrey, Elijah F., Omaha, Nebr., assignor to Western Composite Brick Company. Mixing mechanism.....	827,664	July 31	6174	1282	123	1622
Punches, Oscar J., Toledo, Ohio. Ball pitcher and catcher.....	828,244	Aug. 7	1081	228	123	1934
Punt, Walter, Johannesburg, Transvaal. Adjustable gripping-tool.....	815,376	Mar. 20	2820	587	121	720
Pupin, Michael I., New York, N. Y. Telegraphy.....	821,741	May 29	5543	1181	122	1465
Pupke, Arnold W., New York, N. Y. Variable-speed mechanism.....	823,970	June 19	3474	742-3	122	2593
Pupke, Arnold W., New York, N. Y. Variable-speed mechanism.....	827,119	July 31	4953	1034	123	1313
Pupke, Arnold W., New York, N. Y. Variable-speed mechanism.....	832,210	Oct. 2	392	72-3	124	1308
Purcell, Frank W., Luverne, Minn. Sealing device.....	816,376	Mar. 27	4871	1034	121	1216
Purcell, William F., Brooklyn, N. Y. Bottle-stopper.....	835,366	Nov. 6	980	208	125	249
Purdie, Hume, Edinburgh, Scotland. Dynamometer.....	823,895	June 19	3323	708	122	2560
Purdum, Herschel F., Sac City, Iowa. Self-loading scraper.....	808,870	Jan. 2	470	103-4	120	104
Purdum, John M., Durant, Ind. Ter. Adjustable box-cover holder.....	834,489	Oct. 30	5207	1106	124	2665
Purdy, Daniel J., White Plains, N. Y. Expandible brush.....	817,337	Apr. 10	1559	328	121	1760
Purdy, Simeon D., Richmond Hill, N. Y. Brush.....	823,363	June 12	2291	479	122	2276
Purdy, Thomas C., Paris, France. Apparatus for supplying liquid fuel to burners of lamps and lanterns.....	813,236	Feb. 20	3425	754	120	2320
Pursell, Harry D., Washington Court-House, Ohio. Storm-cover for vehicles.....	834,025	Oct. 23	4247	900	124	2377
Pursell, William W., Pittston, Pa. Picture-hanger.....	814,163	Mar. 6	318	64	121	69
Purser, Charles. (See Lovatt and Purser.)						
Purtle, Michael J., Erie, Pa. Clam-shell bucket.....	823,290	June 12	2160	450-1	122	2248
Purves, Thomas C., Chicago, Ill. Washing-machine.....	812,292	Feb. 13	1589	348	120	1889
Purvis, Edward T., et al. (See Nagney, John C., assignor.)						
Purvis, Elmer K., Manchester, Iowa. Screw-propeller.....	815,740	Mar. 20	3549	745	121	880
Purvis, George H. (See Ellis and Purvis.)						
Purvie Harriet C. S., executrix. (See Purvis and Rouse.)						
Purvis, James, deceased, Bowe's Park, (H. C. S. Purvis, executrix,) and T. Rouse, Stamford Hill, England, assignors to W. W. Tait, Philadelphia, Pa. Manufacture of artificial stone.....	831,296	Sept. 18	2820		124	764
Purvis, William R., Bayonne, N. J. Coat, hat, and umbrella rack.....	819,311	May 1	559	119	122	128
Puryear, Taylor, Jonesboro, Ark. Shirt-sleeve.....	811,662	Feb. 6	247	54	120	1539
Pusey, Caroline S., administratrix. (See Pusey, Joshua.)						
Pusey, Joshua, Media, Pa. Pneumatic gun.....	814,078	Mar. 6	152	31	121	34
Pusey, Joshua, deceased, Media, Pa.; C. S. Pusey, administratrix. Cast-off for suspenders and the like.....	826,608	July 24	3955	819	123	1053
Pusey, Thomas M., Kennett Square, Pa. Voltage-regulator.....	834,750	Oct. 30	5703	1211	124	2790
Pusterla, Attilio, and P. Testi, Brooklyn, N. Y. Water-carousel.....	821,060	May 22	4170	887	122	1106
Putnam, Alfred E., Santa Barbara, Cal. Roller-bearing.....	828,337	Aug. 14	1307	276	123	2018
Putnam, James K., Montpelier, Ind. Rope-socket.....	833,548	Oct. 16	3104	659-60	124	2055
Putnam, James K., Montpelier, Ind. Hanger for shades.....	834,752	Oct. 30	5707	1212	124	2791
Putnam, John P., Boston, Mass. Sewer-gas trap.....	827,324	July 31	5388	1120	123	1424
Putnam & Son, C. C. (See Berry, Elwin S., assignor.)						
Putnam, Thomas J., Peru, N. Y. Mop-wringer.....	818,467	Apr. 24	3815	820	121	2357
Putney, John J., Stuart, Iowa. Automatic potato cutter and planter.....	809,396	Jan. 9	1606	325-6	120	386
Putrow, John B. (See Paradis and Putrow.)						
Putt, Harlie O., Millbury, Ohio. Telegraph-transmitter.....	828,775	Aug. 14	2169	459	123	2239
Pyle, Arthur, Redkey, Ind. Piano-stool.....	829,888	Aug. 28	4514	952	123	2901
Pyle, Edward, Lincoln, Nebr. Clasp-loop.....	831,680	Sept. 25	3608	757	124	1006
Pyle, Edward, Lincoln, Nebr. Hook.....	831,991	Sept. 25	4218	881	124	1159
Pyne, Everett C., Lynn, Mass. Stall-guard.....	826,113	July 17	2920	606	123	776
Pyones, William N., Waterford, N. Y. Gas-cock.....	836,606	Nov. 20	3365	717	125	928
Pyramid Post & Pole Company. (See McElroy, John F., assignor.)						
Q & H Company. (See Elliott, Percy M., assignor.)						
Quackenbush, G. W., et al. (See Daves, William, assignor.)						
Quade, Augustus. (See Jorgenson, John, assignor.)						
Quaintance, Elsworth E., Como, Colo. Combination-lock.....	817,388	Apr. 10	1662	352	121	1783
Quaker Shade Roller Company. (See Janes, William D., assignor.)						
Quambusch, Hermann J., Beckacker, near Langerfeld, Germany. Braiding and lace-making machine.....	838,899	Dec. 18	3195	689	125	2230
Quarterman, Jerusha C., Titusville, Fla. Rescue-buoy.....	831,891	Sept. 25	4040	842	124	1114
Quayle, Charles S. (See Noble and Quayle.)						
Queneau, Augustin L. J., South Bethlehem, Pa. Charging retorts, muffles, furnaces, and the like.....	813,021	Feb. 20	2996	659	120	2229

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Queneau, Augustin L. J., South Bethlehem, Pa. Charging-machine.	813,022	Feb. 20	2998	660	120	2229
Queneau, Augustin L. J., South Bethlehem, Pa. Apparatus for charging retort-benches.	813,023	Feb. 20	3000	660-1	120	2229
Queneau, Augustin L. J., South Bethlehem, Pa., assignor to New Jersey Zinc Company, New York, N. Y. Manufacture of metallurgical vessels.	837,724	Dec. 4	905	205	125	1580
Queneau, Augustin L. J., South Bethlehem, Pa., assignor to New Jersey Zinc Company, New York, N. Y. Metallurgical vessel.	837,883	Dec. 4	1191	263	125	1649
Quensel, Hermann, Leipsic, Germany. Album for collecting post-cards.	823,291	June 12	2161	451	122	2248
Quentell, William P. (See Price and Quentell.)						
Quentell, William P., New York, N. Y. Type-setting machine.	834,164	Oct. 23	4552	966	124	2455
Quertier, Hilary, Dunedin, New Zealand. Apparatus for cleaning the rails of tramways and the like.	815,213	Mar. 13	2449	510-11	121	593
Quertier, Hilary, Dunedin, New Zealand. Non-reversing two-way-running trolley-pole.	827,325	July 31	5390	1120	123	1425
Quest, Mathias F., and M. F. Reich, St. Louis, Mo. Barrel-forming machine.	831,297	Sept. 18	2821	595	124	764
Quick, Albert A., Brushycreek, Tex. Sash-holder.	810,302	Jan. 16	3438	710	120	834
Quick, Emmett B., assignor of one-half to A. A. Newell, Comstock, Tex. Neck-yoke center.	811,953	Feb. 6	845	186	120	1661
Quick, Miles W., Titusville, Pa. Apparatus for pumping oil-wells.	828,680	Aug. 14	1974	417	123	2190
Quick, William A., North Fitzroy, Victoria, Australia. Seal for bottles and other articles.	827,665	July 31	6177	1282	123	1622
Quick, William L., Piper City, Ill. Device for throwing traction-engine shafts off dead-centers.	831,992	Sept. 25	4220	881	124	1159
Quigley, Sylvia P., Ovid Center, N. Y. Skirt and waist fastener.	837,725	Dec. 4	907	206	125	1580
Quigley, William D., and J. H. Gay, Newark, N. J. Means for truing the spring-rolls of leather-splitting machines.	819,168	May 1	249	54	122	62
Quimby, Albert G. (See English and Quimby.)						
Quimby, Charles H., Jr., Pittsburg, Pa. Metal sheet-piling.	826,801	July 24	4303	894	123	1141
Quimby, Edward C. (See Mumm, Quimby, and Anderson.)						
Quincy, George A., Laconia, N. H. Bottle-lock.	828,053	Aug. 7	725	149	123	1850
Quincy, Frederick H. (See Kouns, Wesley, assignor.)						
Quinlan, Ambrose J., Akron, Ohio. Gas-burner.	839,032	Dec. 18	3430	741	125	2288
Quinlen, William C., Barre, Vt. Cutting-machine.	817,000	Apr. 3	909	187-8	121	1560
Quinn, John C., New York, N. Y., assignor, by mesne assignments, to Engineer Company. Regulation of furnaces.	819,672	May 1	1251	273	122	280
Quinn, John E., Edgerton, Wis. Combined cord knotter and cutter.	827,666	July 31	6178	1283	123	1622
Quinn, Michael J., Chicago, Ill. Water-closet.	820,128	May 8	2258	491	122	566
Quinn, Patrick F., New York, N. Y. Garment-form.	836,893	Nov. 27	3979	850	125	1120
Quirk, Thomas J., Buffalo, N. Y. Air-brake signal system.	836,705	Nov. 27	3605	769	125	1020
Quist, Andreas G., West Chelmsford, Mass. Lewis.	822,769	June 5	1070	220	122	1963
Quist, Charles. (See Quist, John and C.)						
Quist, John and C., assignors of one-half to O. P. Pearson and C. L. Berry, Mystic, Iowa. Mechanical movement.	825,482	July 10	1622	338	123	440
Quitman, Otto E., Jr., Newark, N. J. Combined bolt and nut lock.	824,382	June 26	4256	907	122	2816
Quittmeyer, George E., Bridgeport, Conn. Curtain-bracket.	817,446	Apr. 10	1791	377	121	1810
Quittmeyer, George E., Bridgeport, Conn. Curtain-bracket.	832,923	Oct. 9	1827	377	124	1691
Quittner, Hermann, Berlin, Germany. Drinking and feeding appliance for bird-cages.	811,870	Feb. 6	638	140	120	1620
R. Neumann Hardware Co. (See Lange, John, assignor.)						
R. A. Patterson Tobacco Co. (See Marcuse, Isaac J., assignor.)						
R. E. Dietz Company. (See Betts, Charles L., assignor.)						
R. E. Dietz Company. (See Schendewolf, Fritz, assignor.)						
R. M. Keating Motor Company. (See Keating, Robert M., assignor.)						
R. S. Newbold & Son Company. (See McCarter, Louis N., assignor.)						
R. W. Jamieson Company. (See Jamieson, Robert W., assignor.)						
Raab, Henry, and J. M. Wolston, New York, N. Y. Measuring device.	810,082	Jan. 16	2967	619	120	737
Rabb, George W. (See Weaver, Henry F., assignor.)						
Rabenhorst, Otto. (See Liedke and Rabenhorst.)						
Rabinowitch, Lazar A. (See Weinreb and Rabinowitch.)						
Race, William B., assignor of one-half to L. A. Murray, Lake, Idaho. Screen for irrigating-ditches.	818,288	Apr. 17	3466	746	121	2227
Racine Boat Mfg. Co. (See Collier, William E., assignor.)						
Racine Paper Goods Company. (See Parmenter, Orville L., assignor.)						
Racine-Sattley Company. (See Weaver, Ira A., assignor.)						
Rackerby, Joseph H., assignor of one-half to F. R. Giddings, Trinity Center, Cal. Gravity-level.	826,273	July 17	3207	665	123	843
Rackle, Herman E., Cleveland, Ohio. Wall construction.	838,582	Dec. 18	2606	561	125	2088
Radcliffe, John, Elland, England. Gas-generator.	816,123	Mar. 27	4346	921	121	1104
Radcliffe, Dick E., Hythe End, Staines, England. Fiber-preparing machine.	839,198	Dec. 25	3808	822	125	2426
Raddick, David J., Jr., Nordhoff, Cal. Railway-tie.	834,536	Oct. 30	5280	1122	124	2684
Radel, Edward H. (See Neubert, Augustus, assignor.)						
Radell, Anthony H., assignor to B. M. Frees, Chicago, Ill. File-sharpening apparatus.	819,922	May 8	1762	379-80	122	458
Rader, Gustave, Montclair, N. J. Sewer-base.	838,354	Dec. 11	2158	468	125	1933
Rader, Harvey S., and W. H. Wert, Palmerton, Pa. Fifth-wheel.	818,787	Apr. 24	4496	962	121	2504
Radike, Richard J., St. Clair, Mich. Dust-remover and air-purifier.	834,997	Nov. 6	237	51	125	62
Radiumite Company. (See Craw, George R., assignor.)						
Radke, John H., et al. (See Fargo, Edward B., assignor.)						
Radloff, Fredrick. (See Kormil and Radloff.)						
Radotinsky, Charles, Kirkwood, Mo. Boot and shoe.	837,726	Dec. 4	908	206	125	1581
Radsch, Oscar P. G., Minneapolis, Minn. Vegetable-parer.	836,140	Nov. 20	2457	516-17	125	708
Rae Electric & Manufacturing System. (See Rae, Frank B., assignor.)						
Rae, Frank B., Chicago, Ill., assignor to American Electromobile Company, East Orange, N. J. Vehicle-steering mechanism.	810,673	Jan. 23	4212	872	120	1042
Rae, Frank B., Detroit, Mich., assignor to American Electromobile Company, East Orange, N. J. Vehicle-motor-suspension mechanism.	810,674	Jan. 23	4214	872	120	1042
Rae, Frank B., Ridgewood, N. J., assignor to Rae Electric & Manufacturing Company. Signaling system.	834,404	Oct. 30	5049	1069-71	124	2623
Rae, James J., assignor of one-half to C. Smith, Cherry Valley, Mass. Carding-machine.	810,171	Jan. 16	3138	649	120	770
Rae, Julio H., Dayton, Nev. Rowing apparatus.	831,298	Sept. 18	2823	596	124	764
Rae, William C., et al. (See Schirra, Julius, assignor.)						
Raegener, Louis C., et al. (See Willson, Charles T., assignor.)						
Raebuer, E. G. (See Lepper, John J., assignor.)						
Raff, Ernest G., New York, N. Y. Collapsible window-platform.	808,681	Jan. 2	110	26	120	27
Rafferty, William J., Chicago, Ill. Apparatus for heating, purifying, and distributing air in buildings.	821,671	May 29	5390	1150	122	1431
Raffis, Richard W., assignor of one-sixth to E. P. Eastman, Chicago, Ill. Subway or tunnel construction.	834,322	Oct. 30	4878	1032	124	2580
Ragan, Joseph F., Chapel Hill, N. C. Canning apparatus.	837,884	Dec. 4	1192	264	125	1650
Rager, Frank L., Salt Lake City, Utah. Rail-chair and anti-creeper.	838,900	Dec. 18	3196	690	125	2230

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ragsdale, Emil C., <i>et al.</i> (See Cool, Isaac W., assignor.)						
Ragsdale, Harvey W., Morgantown, Ind. Telephone-wire-securing means.	835,801	Nov. 13	1818	384	125	502
Ragsdale, William A., New Orleans, La., assignor to International Cotton Seed Delinting Company, Washington, D. C. Cotton-seed-delinting machine.	821,254	May 22	4540	966-7	122	1189
Ragsdale, William A., New Orleans, La., assignor to International Cotton Seed Delinting Company, Washington, D. C. Cotton-seed-delinting machine.	821,255	May 22	4543	967-8	122	1190
Ragsdale, William A., assignor to International Cotton Seed Delinting Company, Washington, D. C. Cotton-seed-delinting machine.	821,256	May 22	4546	968	122	1190
Ragsdale, William A., assignor to International Cotton Seed Delinting Company, Washington, D. C. System of delinting cotton-seed and recovering lint.	821,257	May 22	4551	969	122	1191
Rahm, Elmer, and I. C. May, assignors of one-third to N. S. Corbin, Sacramento, Cal. Tank-indicator.	808,871	Jan. 2	474	104	120	105
Rahr, Maximilian, and H. B. Bauer, assignors to William Rahr Sons' Company, Manitowoc, Wis. Seed-tester.	836,993	Nov. 27	4208	895	125	1171
Raht, August, San Francisco, Cal. Desilverizing lead bullion.	826,114	July 17	2921	123	123	776
Raht, C. A. (See Weeks, Samuel V., assignor.)						
Raiche, Andrew, Quincy, Mass. Machine for setting lacing hooks and eyelets.	830,803	Sept. 11	1845	383-4	124	495
Raikes, Edward W. (See Raikes, James M. and E. W.)						
Raikes, James M. and E. W., Cleveland, Ohio. Valve mechanism.	809,012	Jan. 2	773	167	120	170
Raikes, James M. and E. W., Cleveland, Ohio. Pneumatic hammer.	826,802	July 24	4304	895	123	1142
Rail Joint Company. (See Atkinson, John M., assignor.)						
Rail Joint Company. (See Braine, Bancroft G., assignor.)						
Rail Joint Company <i>et al.</i> (See Charlton, Richard B., assignor.)						
Rail Joint Company. (See Dalton, Philip J., assignor.)						
Rail Joint Company. (See Weber, George A., assignor.)						
Rail Joint Company. (See Wolhaupter, Benjamin, assignor.)						
Railroad Supply Company. (See De Souchet, Julius T., assignor.)						
Railroad Supply Company. (See Smith, Adolph H., assignor.)						
Railroad Supply Company. (See Vaughan, Henry H., assignor.)						
Railroad Supply Company. (See Vogel, Eugene W., assignor.)						
Railsback, Hubert T., Mountain View, Okla. Ter. Draft-equalizer.	821,433	May 22	4938	1049	122	1277
Railway Appliances Company. (See Arey, Fred C., assignor.)						
Railway Appliances Company. (See Scott, George W., assignor.)						
Railway Appliances Company. (See Wilson, Stanley H., assignor.)						
Railway Electric Power Company. (See Kandó, Coloman de, assignor.)						
Railway Mail Equipment Co. (See Burr, Franklin H., assignor.)						
Railways Surface Contact Supplies Company. (See Campbell, George L., assignor.)						
Rainess, Abraham, New York, N. Y. Device for securing scarf-pins.	836,534	Nov. 20	3250	691	125	900
Rains, Eleazer I., New York, N. Y. Metallic buttoning device.	837,250	Nov. 27	4704	998	125	1294
Rainville, William, Woonsocket, R. I. Saddle for the top rolls of spinning-machines.	822,075	May 29	6179	1316	122	1610
Rainwater, Henry T., Clinton, Ark. Loading apparatus.	813,448	Feb. 27	3861	846	120	2472
Rais, Thomas, Philadelphia, Pa. Revolvable-body chute-wagon.	823,079	June 12	1696	351	122	2145
Raisbeck, George, Newark, assignor of one-half to J. A. Raisbeck, New Durham, N. J. Shoe-last.	818,048	Apr. 17	2991	646	121	2126
Raisbeck, Joseph A. (See Raisbeck, George, assignor.)						
Raithel, George, Middleville, N. Y. Spoke-extractor.	809,397	Jan. 9	1608	326	120	387
Rall, Theodore, Chicago, Ill. Movable bridge.	819,516	Apr. 10	1931	407-8	121	1839
Rall, Theodore, Chicago, Ill. Movable bridge. (Reissue.)	12,570	Nov. 27	4758	1007	125	1306
Ralph, Arthur W., Ukiah, Cal. Tree-protecting attachment for agricultural implements.	820,734	May 15	3445	738	122	887
Ralph, James G., Aurora, Ill. Storm and screen construction.	829,640	Dec. 25	4700	1003	125	2643
Ralston, Gavin C., Twickenham, England. Apparatus for removing ashes and clinkers from steamships.	819,312	May 1	560	119	122	129
Ralston, Gavin C., Lewisham, England. Device for operating bulkhead-doors.	829,352	Aug. 21	3370	710-11	123	2575
Ralston, John M., Barrhead, Scotland. Nut tapping or screwing machine.	821,376	May 22	4811	1022	122	1250
Ralston Steel Car Co. (See Becker, Anton, assignor.)						
Ralston, William A., assignor to Caldwell Manufacturing Company, Rochester, N. Y. Window-ventilator.	813,737	Feb. 27	4416	974	120	2594
Ralston, William A., assignor to Caldwell Manufacturing Company, Rochester, N. Y. Sash-holder.	819,453	May 1	839	181	122	188
Ralya, Alva. (See Brown and Ralya.)						
Ramage, Alexander G., assignor of one-half to G. Macmillan, Edinburgh, Scotland. Spring-wheel.	822,476	June 5	471	96	122	1828
Ramage, Clark M. (See Ramage, Daniel A. and C. M.)						
Ramage, Daniel A., Percy, Pa. Coke-drawing machine.	812,364	Feb. 13	1708	375	120	1915
Ramage, Daniel A. and C. M., Percy, Pa. Steam-chest lubricator.	830,170	Sept. 4	538	109-10	124	136
Ramaley, William H., and W. E. Lamerton, Pittsburg, Pa. Heater.	811,325	Jan. 30	5511	1149	120	1356
Rambeau, Harry L., Cincinnati, Ohio, assignor, by mesne assignments, to Bullock Electric Company. Reciprocating brush device.	826,526	July 17	3747	777	123	983
Ramey, Francis A., assignor of one-half to G. W. Koontz, Woodstock, Va. Car-coupling.	817,001	Apr. 3	911	183	121	1561
Rampendahl, Otto, St. Helena, Cal. Trace-buckle.	818,559	Apr. 24	4021	862	121	2399
Ramsaier, William J., New York, N. Y. Registering device for presses.	818,191	Apr. 17	3284	703	121	2190
Ramsay, George S., St. Marys, Pa. Coal-washer.	811,871	Feb. 6	639	140	120	1620
Ramsay, Robert H. (See Richards and Ramsay.)						
Ramsdell, Frederick H., Waterville, Me. Locomotive-pedestal.	809,744	Jan. 9	2285	473	120	535
Ramsdell Inverted Gas Lamp Company. (See Ullmann, Albert, assignor.)						
Ramsden, James T., Leeds, assignor of one-half to J. C. Gabel, Leeds, Sioux City, Iowa. Band-cutter and feeder for threshing-machines.	820,255	May 8	2510	543-4	122	622
Ramseur, Harvey M., Birmingham, Ala. Car-dump.	816,736	Apr. 3	361	83-4	121	1439
Ramsey, Henry C. (See Teate, Thomas A., assignor.)						
Ramsey, Thomas L., assignor of one-third to F. W. Moore, Middlegrove, Ill. Crank-motion.	829,735	Aug. 28	4195	889	123	2822
Rancourt, Napoleon W. (See Murphy and Rancourt.)						
Rand, Charles A. A., Chicago, Ill., assignor to International Harvester Company. Grain-divider attachment for harvesters.	819,797	May 8	1529	324	122	404
Rand, Jackson A., assignor of one-half to B. F. Bell, Starkville, Miss. Oyster-shucking knife.	829,353	Aug. 21	3372	711	123	2575
Rand, James H., Newtonville, Mass. Wrapper for salesmen's slips, &c.	815,214	Mar. 13	2451	511	121	594
Rand, James H., Newtonville, Mass. Adjustable index or register.	829,670	Aug. 28	4048	857-8	123	2789
Randall, Alfred H., Jr., assignor of one-half to P. D. Harton, Philadelphia, Pa. Machine for making all-tobacco cigarettes.	812,152	Feb. 6	1250	271-5	120	1745
Randall, Charles F. (See Houghton, Lewis T., assignor.)						
Randall, Eleazer A., Monmouth, Ill. Stringed musical instrument.	818,289	Apr. 17	3468	746	121	2228
Randall, Frank J., Jennings, Mo. Device for lubricating journal-bearings.	816,253	Mar. 27	4595	977	121	1158
Randall, John A., Indianapolis, Ind. Saw-setting machine.	832,502	Oct. 2	969	193	124	1445

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Randall, John F., Brookings, S. D. Soap-holder.....	834,405	Oct. 30	5056	1071	124	2625
Randall, Phineas M., Jr., Westerly, R. I. Printing-press.....	819,923	May 8	1767	380	122	459
Randall, Robert F., and E. V. Peirson, Newark, N. Y., assignors of two-thirds to said Peirson and one-third to said Randall. Attachment for coffee-pots.....	813,237	Feb. 20	3426	755	120	2320
Randall, Samuel F., Chicago, Ill. Game.....	823,548	June 19	2679	564	122	2417
Randall, Thomas A. (See Claridge and Randall.)						
Randall, William A. (See McElroy and Randall.)						
Randel, Ivar A., assignor to A. C. McCord, Chicago, Ill. Draft-rigging for cars.....	825,349	July 10	1319	277	123	362
Randerson, William T., assignor of one-half to J. Horton, Munhall, Pa. Lubricant-receptacle.....	819,454	May 1	840	181	122	188
Randolph, Commodore V., Paducah, Ky. Journal-bearing.....	815,469	Mar. 20	3003	626	121	762
Rands, William C., Detroit, Mich. Means for attaching canopy-tops.....	817,517	Apr. 10	1934	408	121	1840
Raney, William E., assignor of one-half to J. F. Woodward, Norfolk, Va. Spoon.....	837,506	Dec. 4	444	101	125	1467
Rankin, E. G., et al. (See Sanders, William, assignor.)						
Rankin, Edmund M., Los Angeles, Cal. Railway-frog for turn-ins and turnouts.....	812,877	Feb. 20	2710	597	120	2166
Rankin, James A., assignor of one-third to F. R. Scroggins, Wheeling, W. Va. Square.....	822,016	May 29	6061	1292	122	1582
Rankin, Robert, Ithaca, N. Y. Electric-wave-form tracer.....	838,273	Dec. 11	2020	435	125	1898
Rankin, Thomas L., Sackett Harbor, N. Y. Apparatus for cyaniding ores.....	830,615	Sept. 11	1460	303	124	391
Rankin, William G., Coal Valley, Pa. Lamp-burner.....	813,172	Feb. 20	3306	727	120	2297
Rankin, William K., assignor to J. E. Reyburn, Philadelphia, Pa. Engineer's valve.....	835,467	Nov. 6	1180	254	125	296
Rankin, William K., assignor to J. E. Reyburn, Philadelphia, Pa. Engineer's valve.....	835,468	Nov. 6	1181	255	125	297
Ransom, Frank W., et al. (See Baker, Arthur G., assignor.)						
Ransom, Fred C., et al. (See Baker, Arthur G., assignor.)						
Ransom, Frederick W. (See Smith, Downie, and Ransom.)						
Ransom, George A., Ottawa, Ohio. Railway-cross-over.....	830,927	Sept. 11	2064	435	124	549
Ransom, Henry R., Pittsburg, Kans. Securing device for plate-glass.....	818,850	Apr. 24	4617	990	121	2529
Ransom, Louis, Milton, assignor of one-half to H. C. Kalish, Everett, Mass. Lock for trunks, dress-suit cases, and similar receptacles.....	828,423	Aug. 14	1475	310-11	123	2062
Ransome, Ernest L., New York, N. Y. Concrete-mixing machinery.....	814,803	Mar. 13	1626	341	121	414
Ranson, Charles, Brussels, Belgium, assignor to H. W. de Stucklé, Dieuze, Germany. Manufacturing caustic alkalies and zinc sulfid.....	818,192	Apr. 17	3286	703	121	2191
Ranson, Georges. (See Brochet and Ranson.)						
Ranson, Georges, assignor to E. Marlier, Brussels, Belgium. Manufacture of sulfid of zinc.....	823,896	June 19	3325	708	122	2560
Rantala, August. (See Marikula and Rantala.)						
Rantine, Daniel W., Brooklyn, N. Y. Universal propelling mechanism.....	812,450	Feb. 13	1880	414	120	1949
Rantine, Daniel W., New York, N. Y. Propelling mechanism.....	817,091	Apr. 3	1062	220-1	121	1593
Rantzau, Fritz G., Greatfalls, Mont. Monument.....	812,293	Feb. 13	1591	348	120	1889
Raphael, Robert, Chicago, Ill. Garment-pad.....	814,395	Mar. 6	814	167	121	178
Rapoport, Paul, New York, N. Y. Ash-sifter.....	839,317	Dec. 25	4037	868	125	2483
Rapp, Daniel V. C., Jersey City, N. J. Seed-distributor.....	828,504	Aug. 14	1637	345-6	123	2104
Rapp, Mathew, Morton, Ill. Boiler.....	829,889	Aug. 28	4515	952-3	123	2901
Rapp, Samuel N., assignor of three-fourths to A. S. Clark, Detroit, Mich. Internal-combustion engine.....	837,507	Dec. 4	446	102	125	1467
Rappelee, Francis D., Green Bay, Wis. Camp-bed.....	835,469	Nov. 6	1183	255	125	297
Raps, Georg, Stolberg, Germany. Mixing apparatus for dry materials.....	814,233	Mar. 6	449	93	121	97
Rapson, John S., Elkins Park, Pa. Bolt-casing.....	836,463	Nov. 20	3110	660	125	865
Rapson, John S., Elkins Park, Pa. Sheet-metal bolt structure.....	838,644	Dec. 18	2729	585	125	2117
Raquett, Joseph G., Cleveland, Ohio. Weighing-machine.....	825,864	July 10	2423	505-6	123	637
Rardin, Jackson, et al. (See Glick, Monroe J., assignor.)						
Rardin, Timothy, et al. (See Glick, Monroe J., assignor.)						
Rash, Leonard M., Los Angeles, Cal. Printing-machine.....	834,490	Oct. 30	5208	1106	124	2665
Rasmussen, Anders, New Albany, Ind. Ventilator.....	817,002	Apr. 3	913	188	121	1561
Rasmussen, Halvor, et al. (See Anderson, Alfred, assignor.)						
Raspberry, Pinkney H., Birmingham, Ala. Draft-rigging.....	814,564	Mar. 6	1130	235	121	245
Raspilaire, August, assignor of two-thirds to J. L. Keener and J. P. Warrick, Morgantown, W. Va. Glass drawing and shaping machine.....	834,165	Oct. 23	4553	966-7	124	2455
Raspilaire, August, assignor of two-thirds to J. L. Keener and J. P. Warrick, Morgantown, W. Va. Machine for making glass articles.....	839,421	Dec. 25	4245	908-9	125	2535
Rastetter, William O., Canton, Ohio. Poultry-fountain.....	839,422	Dec. 25	4250	909	125	2536
Ratchiff, Clarence E., and J. A. Cohenour, Salem, Ky. Ore-sizing screen.....	831,681	Sept. 25	3609	757	124	1006
Ratcliff, Frederick, Portland, Conn. Match-box.....	826,803	July 24	4307	895	123	1142
Ratcliff, Frederick, Portland, Conn. Cigar-cutter.....	826,804	July 24	4307	895	123	1142
Rate, Robert G., Iowa City, Iowa. Corn-husker.....	821,962	May 29	5963	1270-1	122	1559
Rateau, Auguste C. E., Paris, France. Steam-regenerative accumulator.....	839,319	Dec. 25	4044	868	125	2484
Rateau, Auguste C. E., Paris, France. Steam-regenerative accumulator.....	839,320	Dec. 25	4047	869	125	2485
Rateau, Auguste C. E., Paris, France, assignor to Rateau Turbine Company, Chicago, Ill. Blowing machinery.....	827,750	Aug. 7	115	25	123	1698
Rateau, Auguste C. E., Paris, France, assignor to Rateau Steam Generator Company, Chicago, Ill. Regulating apparatus for engines.....	839,318	Dec. 25	4038	868	125	2483
Rateau, Auguste C. E., and G. Sautter, Paris, France, assignors to Rateau Turbine Company, Chicago, Ill. Turbine-driven machinery.....	812,878	Feb. 20	2712	597-8	120	2166
Rateau, Auguste C. E., and G. Sautter, Paris, France, assignors to Rateau Turbine Company, Chicago, Ill. Making turbine-blades.....	814,804	Mar. 13	1629	342	121	415
Rateau, Auguste C. E., and G. Sautter, Paris, France, assignors to Rateau Turbine Company, Chicago, Ill. Turbine or other engine driven machinery. (Reissue.)	12,526	Aug. 28	4671	979	123	2943
Rateau Steam Generator Company. (See Rateau, Auguste C. E., assignor.)						
Rateau Turbine Company. (See Rateau, Auguste C. E., assignor.)						
Rateau Turbine Company. (See Rateau and Sautter, assignors.)						
Rateau Turbine Company. (See Rateau and Sautter, assignors.) (Reissue.)						
Rathbone, Alfred D., Grand Rapids, Mich. Gas-grate.....	816,737	Apr. 3	364	84	121	1440
Rathbone, John A., Utica, N. Y. Forming sand molds.....	836,342	Nov. 20	2866	609	125	809
Rathbun, Charles B., Canton Junction, Mass. Leather-stretching clamp. (Reissue.)	12,457	Feb. 20	3754	824	120	2390
Rathbun, Lewis V., Rochester, N. Y. Burial-case.....	810,172	Jan. 16	3139	649-50	120	771
Rathbun, Lewis V., Rochester, N. Y. Barrel.....	824,959	July 3	548	108	123	146
Rathbun, Ransom E., Sioux City, Iowa. Cushion-tire.....	814,729	Mar. 13	1474	309	121	383
Raths, William. (See Loper, William H., assignor.)						
Rathsam, John M., St. Louis, Mo. Transparent sign.....	812,525	Feb. 13	2027	444	120	1980
Rating, Engelbert, Gelsenkirchen, Germany. Hat-pin.....	818,788	Apr. 24	4497	962	121	2504
Rattenbury, Francis M., and A. F. Griffiths, Victoria, British Columbia, Canada. Falling bolster for lumber-trucks.....	831,682	Sept. 25	3611	757	124	1007
Rattenbury, William H. (See Frantzen and Rattenbury.)						
Rattenbury, William H., Chicago, Ill. Lamp-socket for ceilings.....	834,406	Oct. 30	5056	1071	124	2625
Rattiner, Angel. (See Braunstein and Rattiner.)						
Ratz, Valentine. (See Fountain, John C., assignor.)						
Rau, Henry F., Tacoma, Wash. Brooder.....	813,115	Feb. 20	3189	697-8	120	2272

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Rau, John F., assignor of one-half to J. F. Cordes, Chicago, Ill. Resilient vehicle-tire	814,164	Mar. 6	319	64	121	69
Rau, William G., Louisville, Ky. Eaves-trough hanger	813,826	Feb. 27	4611	1020	120	2635
Rauh, Adolph. (See Larsen, Louis J. C., assignor.)						
Rauh, Leopold. (See Dana, William H., assignor.)						
Rauhe, Carl, Düsseldorf, Germany. Set of artificial teeth	821,192	May 22	4431	943	122	1165
Raulhoff, John M., Tinley Park, Ill. Rendering cement blocks waterproof	830,003	Sept. 4	178		124	43
Raupach, Fritz, London, England. Blotter	835,323	Nov. 6	900	191	125	228
Rauscher, John, St. Paul, Minn. Current-motor	810,083	Jan. 16	2969	619-20	120	737
Ravel, Edouard. (See Ravel, Joseph and E.)						
Ravel, Joseph and E., assignors to C. Malden-Ercalle, Paris, France. Somersaulting-vehicle	810,303	Jan. 16	3439	710-11	120	834
Raylin, Fred J., and J. Lofgren, Chicago, Ill., assignors of one-half to A. T. and G. M. Averill, Cedar Rapids, Iowa. Intercommunicating telephone apparatus	829,736	Aug. 28	4196	889	123	2822
Raw, Simon B., Britt, Iowa. Loading apparatus	833,549	Oct. 16	3107	660	124	2056
Rawitz, Josef, Charlottenburg, Germany. Vitreous cement for plugging teeth and manufacturing the same	831,185	Sept. 18	2594		124	706
Rawley, Oren C., Cortland, N. Y. Fertilizer-distributor	814,079	Mar. 6	154	31	121	34
Rawlings, Thomas P., Chicago, Ill. Ink-distributor for printing-presses	839,199	Dec. 25	3809	822	125	2427
Rawlinson, Levi, Pawtucket, R. I., assignor to Whitin Machine Works, Whitinsville, Mass. Dofling mechanism for combing and like machines	835,200	Nov. 6	650	134	125	165
Rawson, Edward, Cincinnati, Ohio. Hog-scraper	817,873	Apr. 17	2640	573	121	2047
Rawson & Morrison Manufacturing Company. (See Wern, Gustaf P., assignor.)						
Ray, David B., Huntington, N. Y. Space for justifying lines of type	813,912	Feb. 27	4777	1054	120	2672
Ray, David B., New York, N. Y. Space for justifying lines of type	821,885	May 29	5804	1237	122	1524
Ray, F. A., et al. (See Terrell, Elah, assignor.)						
Ray, Forest A., Boston, Mass. Gas-lamp	818,789	Apr. 24	4498	962-3	121	2504
Ray, Forest A., Boston, Mass. Gas-lamp	818,790	Apr. 24	4502	963	121	2505
Ray, Frederick, East Orange, N. J., assignor to Henry R. Worthington, New York, N. Y. Centrifugal turbine, or similar pump	808,682	Jan. 2	114	26	120	27
Ray, Frederick, East Orange, N. J., assignor to Henry R. Worthington, New York, N. Y. Centrifugal turbine, and similar pump	820,439	May 15	2865	624	122	758
Ray, Herbert B., Bridgeport, Conn. Can-opener	809,527	Jan. 9	1858	386	120	442
Ray, Jabez E., Toledo, Ohio, assignor, by mesne assignments, to Postal Printing & Supply Company. Machine for the manufacture of facing-slips for the postal service	821,122	May 22	4293	914-15	122	1133
Ray, Sevrin, Racine, Wis. Hay and straw puller	819,798	May 8	1530	325	122	405
Ray, William H., et al. (See Craig, Edward, assignor.)						
Ray, William H., and E. Craig, assignors to Saranac Machine Co., St. Joseph, Mich. Stamping-machine	828,569	Aug. 14	1771	372-4	123	2139
Rayman, Elmer E., Cleveland, Ohio. Fastener for waists or other garments	836,213	Nov. 20	2604	549	125	744
Raymer, Ira S., Beaver, Pa. System for charging storage-cells	838,583	Dec. 18	2606	562	125	2088
Raymond, Alonzo C., Detroit, Mich. Partition construction	829,671	Aug. 28	4049	858	123	2789
Raymond, Charles H., assignor to Haverhill Fire Appliance Company, Haverhill, Mass. Receptacle for fire-extinguishing powders	833,176	Oct. 16	2328	489	124	1865
Raymond, Charles W., Dayton, Ohio. Emptying apparatus for clay-bins	812,230	Feb. 13	1453	317-18	120	1857
Raymond, Edwin M., and W. S. Stoughton, Grand Rapids, Mich. Mail-box	808,872	Jan. 2	475	104	120	106
Raymond, Freeborn F., 2nd. (See Kraetzer, Edwin J., assignor.)						
Raymond, George, Chicago, and J. H. Finlay, Warsaw, Ill. Pulverizer	812,231	Feb. 13	1454	318-19	120	1857
Raymond, George A., Adrian, assignor to Michigan Woven Wire Fence Co., Detroit, Mich. Machine for making wire fabric	839,033	Dec. 18	3431	741-2	125	2288
Raymond, George W., Morris, Ill. Draft-equalizer	837,727	Dec. 4	908	206	125	1581
Raymond, Harry, Kenosha, Wis. Railway-switch	816,254	Mar. 27	4596	978	121	1158
Raymond, Hoyt, Chicago, Ill. Measured-delivery bottle	825,350	July 10	1320	277-8	123	362
Raymond, Hoyt, Chicago, Ill. Multiple-compartment bottle	825,680	July 10	2090	435	123	557
Raymond, John C., New York, N. Y. Tire	817,668	Apr. 10	2203	470	121	1896
Raymond, Joseph O., Concord, N. H. Carrier system	821,963	May 29	5966	1271	122	1560
Raymond, Oscar L., Marinette, Wis. Log-hoist and car-loader	822,152	May 29	6325	1345	122	1644
Rayner, Edwin B., Piqua, assignor to Lagoda Manufacturing Co., Springfield, Ohio. Damper-regulator	813,669	Feb. 27	4292	945	120	2568
Raynor, Alfred J., Toronto, Canada. Water-tube boiler	822,982	June 12	1486	309-10	122	2099
Rea, Claude, and J. W. Pattison, Savannah, Mo. Cake and cracker box and package-stand	814,165	Mar. 6	321	64-5	121	70
Rea, Victor H., Elgin, Ill. Garment-supporter	812,526	Feb. 13	2028	445	120	1980
Rea, Victor H., Elgin, Ill. Garment-holder	821,742	May 29	5546	1181	122	1466
Reach, George A. (See Gamble, John, assignor.)						
Reach, George A. (See Gassaway, John H., assignor.)						
Reach, Milton B., assignor to Spalding Manufacturing Company, Chicopee Falls, Mass. Gymnasium apparatus	826,609	July 24	3958	819-20	123	1053
Reach, Milton B., Chicopee, Mass., assignor to A. G. Spalding & Bros., Jersey City, N. J. Rope connection for gymnasium apparatus, &c.	838,584	Dec. 18	2611	563	125	2089
Read, Alonzo P., Chicago, Ill. Can-opener	819,455	May 1	842	181	122	188
Read, George B., Bloomington, Ill. Elevator-coupling	815,470	Mar. 20	3005	627	121	762
Read, George F., assignor to R. Hoe, New York, N. Y. Cylinder for printing-machines	830,527	Sept. 11	1274	265	124	341
Read, George W., Harvard, Nebr. Veterinary instrument	835,688	Nov. 13	1597	340	125	436
Read, Orrin B., Troy, N. Y. Checkrein-loop	828,776	Aug. 14	2172	459	123	2240
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. High-tension circuit-breaker	818,290	Apr. 17	3469	747	121	2228
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. Electric cut-out	818,291	Apr. 17	3471	747	121	2229
Read, William E., assignor to R. J. Hemmick, Lipton, Canada. Rifle-carrying attachment	811,437	Jan. 30	5713	1196	120	1398
Readable Signal Company. (See Holderness and Hawley, assignors.)						
Reader, Henry A., assignor to Ohio Ceramic Engineering Company, Cleveland, Ohio. Dump-car	834,934	Nov. 6	113	23	125	32
Ready, Charles A., Niagara Falls, N. Y. Horseshoe	818,049	Apr. 17	2993	646	121	2126
Reagan, James. (See Campbell and Reagan.)						
Reagan, James and W., Philadelphia, Pa. Fuel-feeding device for boiler-furnaces	823,549	June 19	2680	564-5	122	2417
Reagan, William. (See Reagan, James and W.)						
Realing, Joseph M., Daytona, Fla. Mechanic's square	813,173	Feb. 20	3307	727	120	2297
Realing, Joseph M., Daytona, Fla. Combined butt and lock gage	838,355	Dec. 11	2159	468	125	1933
Ream, William W., Vogansville, Pa. Umbrella	828,777	Aug. 14	2173	459	123	2241
Reames, Lewis E., West Liberty, Ohio. Gate	820,735	May 15	3446	738	122	887
Reams, Joseph A., West Norfolk, assignor of one-half to T. K. Parrish, Richmond, Va. Dough-mixing machine	819,799	May 8	1531	325	122	405
Reams, Joseph A., West Norfolk, assignor of one-half to T. K. Parrish, Richmond, Va. Receptacle-clamp	831,743	Sept. 25	3718	778	124	1035

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Reams, Joseph A., Norfolk, assignor of one-half to T. K. Parrish, Richmond, Va. Dough-mixing machine.	823,740	June 19	3033	641-2	122	2494
Reardon, Patrick H., San Francisco, Cal. Pressure-regulator.	831,522	Sept. 18	3245	684	124	872
Reardon, Timothy J., <i>et al.</i> (See Keith, Frederick R., assignor.)						
Reaulme, Daniel F., <i>et al.</i> (See Desrosiers, Odilon, assignor.)						
Reavell, William, Ipswich, England. Air-compressor.	819,924	May 8	1770	381	122	460
Reavley, Ethelbert, Rosthern, Saskatchewan, Canada. Curette.	839,641	Dec. 25	4702	1004	125	2644
Reber, Henry L., St. Louis, Mo. Telephone system.	838,749	Dec. 18	2912	628	125	2162
Rebeske, Edward C. (See Francis, Albert W., assignor.)						
Rebsamen, Henry. (See Kieffer and Rebsamen.)						
Receiptotype Co. (See Smith, Frederick H., assignor.)						
Rechnitz, Otto. (See Schubert and Rechnitz.)						
Rechnitz, Alexander, Vienna, Austria-Hungary, assignor to Keuffel & Esser Company, Hoboken, N. J. Calculator.	809,075	Jan. 2	886	188-90	120	196
Reck, Anders B., Copenhagen, Denmark. Hot-water-circulating apparatus.	809,013	Jan. 2	775	167	120	171
Reckard, Henry L., assignor to A. H. Walker, trustee, New York, N. Y. Photomechanical printing.	810,434	Jan. 23	3742	771	120	935
Reckard, Henry L., assignor to A. H. Walker, trustee, New York, N. Y. Photomechanical printing.	815,310	Mar. 13	2631	551	121	632
Reckards, Robert P. (See Denton and Veen, assignors.)						
Reckweg, John C., Los Angeles, Cal. Carousel.	834,166	Oct. 23	4557	967	124	2456
Record, Edwin A., Medford, Mass. Oil-cup.	825,757	July 10	2236	466	123	591
Record Electric Railway Signal Company. (See Bevan, Alexander, assignor.)						
Recording and Computing Machines Company. (See Ohmer, Hill, Whistler, and McAllister, assignors.)						
Recording and Computing Machines Company. (See Whistler, David B., assignor.)						
Rector, John W., Savannah, N. Y. Fence-post.	824,816	July 3	271	48	123	75
Red Jacket Manufacturing Company. (See Stebbins, Timothy, assignor.)						
Reddaway, Frank. (See Sankey, William A., assignor.)						
Reddick, William A., Niles, Mich. Fork.	812,771	Feb. 13	2499	550	120	2072
Reddin, David, Greenfield, Ind. Farm-gate.	831,993	Sept. 25	4221	882	124	1159
Redding, Jacob, assignor to J. W. Davis, Anderson, Ind. Reversing and speed-changing transmission-gear.	833,802	Oct. 23	2617	773	124	2223
Redding, Oliver C., assignor of one-half to W. K. Kenly, Chicago, Ill. Cableway.	822,770	June 5	1071	220-1	122	1963
Redecker, Charles. (See Demsky and Redecker.)						
Redemeyer, William H., St. Louis, Mo. Draining apparatus and dust-collector for pavements.	838,450	Dec. 11	2338	507	125	1978
Redifer, Albert A., <i>et al.</i> (See Rihl, John A., assignor.)						
Redington, William H., Chicago, Ill. Bottle-stopper.	813,449	Feb. 27	3863	846	120	2473
Redlich, Erthold. (See Suter and Redlich.)						
Redman, Thomas, Bolton, Bradford, England. Apparatus for purifying gas.	826,747	July 24	4206	873	123	1116
Redner, John J., New York, N. Y. Insect-trap.	831,098	Sept. 18	2442	514-15	124	671
Redshaw, Joseph G., <i>et al.</i> (See Brickett, Frank E., assignor.)						
Reece Buttonhole Machine Company. (See Dahl, Charles A., assignor.)						
Reece, Curtis D., and F. T. Austin, Coggon, Iowa. Wire hinge.	809,134	Jan. 2	1020	211	120	224
Reece, Juan H., assignor to Humphrey & Sons, Joliet, Ill. Grinding-mill.	827,883	Aug. 7	374	80	123	1762
Reed, Albert J., Chicago, Ill. Wire mattress.	826,115	July 17	2922	606	123	776
Reed, Albert S., assignor of one-half to E. T. Harris, Chicago, Ill. Wing-nut.	812,294	Feb. 13	1591	349	120	1889
Reed, Albert S., assignor of one-half to E. T. Harris, Chicago, Ill. Reversing-gear.	827,564	July 31	3952	1234	123	1561
Reed & Barton Corporation. (See Harris, Calvin P., assignor.)						
Reed, Charles, Portland, Ind. Molding-machine.	814,476	Mar. 6	961	197-8	121	209
Reed, Charles J., Philadelphia, Pa. Electrolytically dissolving iron-oxid scale.	827,179	July 31	5124		123	1360
Reed, Charles J., Philadelphia, Pa. Electrolytically removing scale and producing iron sulfate.	827,180	July 31	5126		123	1360
Reed, Charles J., Philadelphia, Pa., assignor to Reed-Morrill Electric Co. Stop mechanism for expandible pulleys.	814,986	Mar. 13	1961	413	121	482
Reed, Charles J., Philadelphia, Pa., assignor to Reed-Morrill Electric Co. Expandible pulley.	816,184	Mar. 27	4472	947	121	1131
Reed, Charles J., Philadelphia, Pa., assignor to Security Investment Company. Converting spongy lead into lead sulfate.	825,981	July 17	2645	549	123	707
Reed, Charles J., and R. Parsons, assignors to Reed-Morrill Electric Co., Philadelphia, Pa. Adjusting mechanism for expandible pulleys.	836,783	Nov. 27	3778	805	125	1067
Reed, Clifford L., Portland, Oreg. Clutch-operating mechanism.	810,509	Jan. 23	3902	802	120	974
Reed, Dan E., <i>et al.</i> (See Robinson, Frank T., assignor.)						
Reed, Elmo H., Wichita, Kans. Convertible molding-machine.	817,189	Apr. 10	1273	264	121	1702
Reed, Evan L., Oregon, Ill. Rack for cracker-cans.	810,566	Jan. 23	4017	827	120	998
Reed, Ferdinand E., Joliet, Ill. Ripper.	814,080	Mar. 6	156	32	121	35
Reed, Frank E., and J. Heald, Jamestown, N. Y., assignors to Columbus Brass Company, Columbus, Ohio. Lining for wooden tanks.	816,682	Apr. 3	278	65	121	1421
Reed, George T., assignor to Continental Jar & Bottle Stopper Company, Baltimore, Md. Fiber closure for jars and jelly-glasses.	827,667	July 31	6180	1283	123	1623
Reed, George T., assignor to Continental Jar & Bottle Stopper Company, Baltimore, Md. Sealing-closure for vessels.	827,668	July 31	6182	1283-4	123	1623
Reed, Joseph, <i>et al.</i> (See Zeigler, John L., assignor.)						
Reed, Laura, Fremont, Nebr. Garment.	815,933	Mar. 20	3951	837	121	965
Reed, Matthew H., Avalon, Pa. Coin-controlled weighing apparatus.	831,240	Sept. 18	2697	566-7	124	731
Reed-Morrill Electric Co. (See Reed, Charles J., assignor.)						
Reed-Morrill Electric Co. (See Reed and Parsons, assignors.)						
Reed, Ora B., Decatur, Ill. Window shade and curtain hanger.	815,120	Mar. 13	2245	470-1	121	545
Reed, Paul B., Milwaukee, Wis. Stitch-ripping tool.	825,073	July 3	764	160	123	204
Reed, Robert E., and W. Pickford, Canon City, Colo. Ditching-machine.	819,313	May 1	561	120	122	129
Reed, Shelton. (See Colegrove and Reed.)						
Reed, Sylvanus A., New York, N. Y. Selective system.	824,206	June 26	3910	835	122	2744
Reed, Sylvanus A., New York, N. Y. Selective signaling system.	828,966	Aug. 21	2546	539-40	123	2365
Reed, Sylvanus A., New York, N. Y. Selective system.	829,429	Aug. 28	3522	739-40	123	2658
Reed, Will S. (See Stiles, Henry, assignor.)						
Reed, William M., Chicago, Ill. Elevated railway.	815,377	Mar. 20	2821	587	121	720
Reeder, Isaac. (See Schofield and Reeder.)						
Reeder, John, Collegeview, Nebr. Clamp for horse-collars.	820,600	May 15	3193	687	122	832
Reekie, James D., Duluth, Minn. Compound engine and pump.	836,141	Nov. 20	2458	517	125	709
Rees, Thomas, Chicago, Ill. Smoke-consumer.	816,738	Apr. 3	365	84	121	1441
Rees, Thomas, Chicago, Ill. Smoke-consumer.	816,739	Apr. 3	366	85	121	1441
Rees, Thomas, Chicago, Ill. Smoke-consumer.	829,543	Aug. 28	3798	806	123	2726
Rees, William H., Worcester, Mass., assignor to Aeolian Company, New York, N. Y. Automatic musical instrument.	825,277	July 3	1162	246	123	303

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Reese, Edwin M., Yuma, Ariz. Ter. Automatically-anchoring excavator and conveyor.	821,743	May 29	5547	1181-2	122	1466
Reese, Jacob, Sharon Hill, Pa., assignor to Steel Patents Company. Manufacture of steel from phosphoritic iron.	821,744	May 29	5552		122	1467
Reese, James T., Roane, Tex. Gate.	820,256	May 8	2513	544	122	623
Reese, Z. J., et al. (See Moeckel, Aratine G., assignor.)						
Reesor, Isaac C., El Paso, Tex. Pencil-holder.	809,135	Jan. 2	1021	211	120	224
Reeve, George B., La Mirada, Cal. Tree-cultivator.	836,214	Nov. 20	2605	549	125	745
Reeve, George L., assignor to Reeve Manufacturing Co., Cortland, N. Y. Fastening device for ironing-boards.	826,748	July 24	4207	873	123	1116
Reeve Manufacturing Co. (See Reeve, George L., assignor.)						
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Automatic boiler-pump.	824,142	June 26	3776	806-7	122	2715
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Converting thermal energy into mechanical energy.	826,192	July 17	3053	634	123	808
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Generating apparatus for heat-engines.	838,451	Dec. 11	2339	508	125	1978
Reeve, Sidney A., Brooklyn, N. Y., assignor to W. M. and L. E. Meacham, Chicago, Ill. Marine navigation.	811,743	Feb. 6	385	84	120	1571
Reeve, Sidney A., Worcester, and E. P. Noyes, Winchester, assignors to C. F. Brown, trustee, Reading, Mass. Liquid-level apparatus.	824,143	June 26	3780	807	122	2716
Reeve, Sidney A., Worcester, and E. P. Noyes, Winchester, assignors to C. F. Brown, trustee, Reading, Mass. Liquid-level controller.	832,081	Oct. 2	99	23	124	1235
Reeves Centrifugal Engine Company. (See Reeves, Frederick W., assignor.)						
Reeves & Company. (See Clay, Harry C., assignor.)						
Reeves & Company. (See Clay and Reeves, assignors.)						
Reeves, Edwin A., assignor to Reeves Manufacturing Company, New Haven, Conn. Spirometer.	829,232	Aug. 21	3117	656	123	2512
Reeves, Frank N., New York, N. Y. Illusion device.	817,092	Apr. 3	1064	221	121	1594
Reeves, Frederick W., Allegheny, assignor of one-half to J. R. James, Pittsburg, Pa. Turbine.	811,663	Feb. 6	249	55-6	120	1539
Reeves, Frederick W., Allegheny, assignor to Reeves Centrifugal Engine Company, Pittsburg, Pa. Reciprocating rotary engine.	812,527	Feb. 13	2029	445-6	120	1981
Reeves Manufacturing Company. (See Reeves, Edwin A., assignor.)						
Reeves, Marshal T. (See Clay and Reeves.)						
Reeves, Orange D., Indianapolis, Ind. Device for securing fence-wire to posts.	830,848	Sept. 11	1931	405	124	518
Reeves, William H., Emerick, Nebr. Draft-elever.	833,338	Oct. 16	2672	562	124	1953
Refet, Littleton, et al. (See Urban, Fredrick H., assignor.)						
Regan, David H. (See Turney, William, assignor.)						
Regan, Florence E., New York, N. Y. Hair-pin.	818,468	Apr. 24	3817	821	121	2357
Regan, Michael C., U. S. Army. Electrically-operated indicator.	828,570	Aug. 14	1776	374	123	2140
Regenerated Cold Air Company. (See White, Frederick, assignor.)						
Regenfuss, Mathew, et al. (See Wiza, Anthony J., assignor.)						
Register, Edward C. (See Share, Albert, assignor.)						
Regina Company. (See Sampere, Jose, assignor.)						
Regnell, Otto, Milwaukee, Wis. Wrench.	835,254	Nov. 6	762	159	125	193
Rehberger, George E., Baltimore, Md. Machine for bagging potatoes.	821,314	May 22	4667	994-5	122	1215
Rehlinghaus, Hermann, Moscow, Idaho. Paper-marking apparatus.	831,744	Sept. 25	3720	778	124	1035
Rehm, Frederick C., Detroit, Mich. Knitting-machine.	839,200	Dec. 25	3813	823	125	2427
Rehm, John, and T. von Gerichten, New York, N. Y. Street-cleaner's truck.	831,470	Sept. 18	3140	665-6	124	845
Rehn, William O., Dunkirk, N. Y. Electric alarm.	827,120	July 31	4958	1035	123	1314
Reich, Max F. (See Quest and Reich.)						
Reichblum, Max, Wheeling, W. Va. Knit muffer.	828,967	Aug. 21	2552	540	123	2366
Reichelderfer, Thomas R., Newark, N. J. Device for connecting gas-meters with provers.	836,894	Nov. 27	3983	851	125	1120
Reichenbach, Ernest K., and G. V. Worthington, Washington, D. C.; said Worthington assignor to said Reichenbach. Drawing-board.	839,511	Dec. 25	4434	946	125	2580
Reichenbach, Frank B., Los Angeles, Cal. Floor waxing, polishing, and cleaning machine.	809,580	Jan. 9	1960	407	120	463
Reichenbach, Fritz, Charlottenburg, Germany. Combustion-engine.	811,744	Feb. 6	389	84	120	1571
Reichenbach, Fritz, Charlottenburg, Germany. Driving-gear for governors.	830,742	Sept. 11	1747	359	124	472
Reichenbach, Henry M., Yonkers, N. Y. Oil-burner.	829,890	Aug. 28	4518	953	123	2902
Reichert, Carl, assignor of one-half to G. Reichert, Livingston, Wis. Fence and fence-post.	836,828	Nov. 27	3861	823	125	1088
Reichert, Carl, and B. Heyne, Vienna, Austria-Hungary. Pivotal microscope-stand.	814,565	Mar. 6	1132	236	121	246
Reichert, Gottlieb. (See Reichert, Carl, assignor.)						
Reichert, John, Racine, Wis. Harness snap and slide.	809,745	Jan. 9	2288	473	120	530
Reichert, John, Racine, Wis. Combined harness snap and slide.	809,924	Jan. 9	2623	541	120	611
Reichert, John, Racine, Wis. Harness snap-hook device.	818,193	Apr. 17	3289	703	121	2196
Reichert, Margaret. (See O'Byrne, William, assignor.)						
Reichle, Ernst L., Saginaw, Mich. Extensible display-rack.	818,709	Apr. 24	4330	929	121	2468
Reichmann, Fritz, assignor to W. & L. E. Gurley, Troy, N. Y. Portable balance.	821,745	May 29	5553	1182	122	1467
Reid, Andrew S. and R. Beverly, assignors to L. W. Ross, Canton, Mass. Tool for working stone and other material.	839,642	Dec. 25	4703	1004-5	125	2644
Reid, Arthur B., Chicago, Ill. Stenographer's copy-holder.	820,066	May 8	2138	465-6	122	540
Reid, Arthur B., Chicago, Ill. Hook and eye.	830,528	Sept. 11	1277	265	124	342
Reid, Charles T., Syracuse, Kans. Hen's nest.	809,528	Jan. 9	1859	386	120	442
Reid, Frank H., assignor to Success Brick Machinery Company, Memphis, Tenn. Brick-car.	818,851	Apr. 24	4618	991	121	2529
Reid, Frank H., assignor to Success Brick Machinery Company, Memphis, Tenn. Brick-car.	818,852	Apr. 24	4620	991-2	121	2530
Reid, Freddie H., Sioux City, Iowa. Milk and cream separator.	837,728	Dec. 4	910	206	125	1582
Reid, Henry, Meridian, Okla. Ter. Insect-trap.	822,388	June 5	313	64	122	1794
Reid, Joseph, Oil City, Pa. Support for power-carrying lines.	813,913	Feb. 27	4778	1054-5	120	2672
Reid, Joseph, Oil City, Pa. Well-drilling cable.	826,063	July 17	2816	584	123	751
Reid, Pettis A. (See Kelley, James, assignor.)						
Reid, Robert. (See Reid, Andrew S. and R.)						
Reid, Robert S., Ottawa, Ontario, Canada. Tent-chimney.	837,729	Dec. 4	912	207	125	1582
Reid, Thomas. (See Harris and Prior, assignors.)						
Reid, William, Geneva, N. Y. Foot-rest for stoves.	817,447	Apr. 10	1792	377	121	1810
Reid, William J., Dalton, Ga. Garment.	813,585	Feb. 27	4144	906	120	2534
Reid, William W., Wimsboro, Tex. Buckle-hook.	818,292	Apr. 17	3473	747	121	2220
Reidel, Louis, Tampico, Ill. Gate.	832,275	Oct. 2	523	99	121	1340
Reidell, William J. (See Bengough, Tansley, and Reidell.)						
Reidenbaugh, John, et al. (See Stump, Oman L., assignor.)						
Reiff, Emilie B., Narberth, Pa. Garment-fastener.	835,141	Nov. 6	544	111	125	139
Reifgraber, Joseph J., St. Louis, Mo. Automatic firearm.	834,753	Oct. 30	5709	1212-13	124	2791
Reigh, Martin S., Pittsburg, Pa. Horseshoe-tool.	837,117	Nov. 27	4460	946	125	1234

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Reiley, John W., East Lynn, Mass., assignor to North American Manufacturing Company of the District of Columbia. Enseam-trimming machine.....	825,278	July 3	1165	246	123	303
Reilloc Tyre Company. (See Collier, Arthur T., assignor.)						
Reilly, Barney T. (See French and Reilly.)						
Reilly, John J., Louisville, Ky. Pump.....	826,064	July 17	2818	584-5	123	751
Reilly, John J., Louisville, Ky. Lubricator.....	837,644	Dec. 4	741	169	125	1538
Reilly, Martin, Cheltenham, Pa. Folding cot and cradle.....	813,521	Feb. 27	4016	880	120	2508
Reilly, Peter C., Indianapolis, Ind. Pavement.....	829,293	Aug. 21	3248	684	123	2543
Reilly, Peter C., Indianapolis, Ind. Pavement.....	829,294	Aug. 21	3250	685	123	2543
Reilly, Thomas E. (See Fitzpatrick, Eugene F., assignor.)						
Reily, John P., assignor of one-half to F. W. Grundman, St. Louis, Mo. Hasp.....	828,828	Aug. 14	2262	481	123	2264
Reily, John P., assignor of one-half to S. Dennis, St. Louis, Mo. Hinge for beer-cases.....	834,491	Oct. 30	5210	1106	124	2665
Reimanns, Mathias, Valkenburg, Netherlands. Surgical appliance.....	812,679	Feb. 13	2326	507	120	2037
Reimers, Dycke H., Chicago, Ill., assignor of one-half to J. Biffar, New York, N. Y. Power-transmitting mechanism.....	833,177	Oct. 16	2329	489	124	1866
Reimers, Hans, Eckernförde, Germany. Mechanical moisture-wiper for show-windows.....	828,245	Aug. 7	1082	228	123	1934
Rein, Robert. (See Steiner and Rein.)						
Reindel, Frederick W., Cleveland, Ohio, assignor to Plew & Motter, Chicago, Ill. Temporary binder. (Reissue).....	12,489	May 22	5256	1120	122	1345
Reiners, Charles A. (See Smalley and Reiners.)						
Reinert, Jacob and L., Allegheny, Pa. Door-opener.....	836,607	Nov. 20	3366	718	125	928
Reinert, Louis. (See Reinert, Jacob and L.)						
Reinhard, Frederick, Jersey City, N. J., and P. Genchi, New York, N. Y. Musical instrument.....	831,471	Sept. 18	3142	666	124	846
Reinhardt, Charles F., Newark, N. J. Bottle-filling apparatus.....	815,741	Mar. 20	3550	745-6	121	881
Reinhart, Caleb S., et al. (See McClelland, Caleb T., assignor.)						
Reinhart, Charles, assignor to American Brake Company, St. Louis, Mo. Forging and welding machine.....	813,174	Feb. 20	3310	728	120	2297
Reinhold, Frank J., Detroit, Mich., assignor to Diamond Match Company, New York, N. Y. Box-making machine.....	822,301	June 5	156	31-2	122	1762
Reinicke, Paul, Köthen, Germany. Straining-cylinder for pulp.....	826,193	July 17	3058	634	123	809
Reinke, Carl, Bredelar, Germany. Briquetting friable ores.....	833,630	Oct. 16	3277	124	124	2096
Reinke, Henry, East Hamilton, Ohio. Combination safe and desk.....	835,555	Nov. 13	1346	289	125	383
Reinking, Karl. (See Holt and Reinking.)						
Reinking, Karl, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Discharging-paste and making same.....	820,889	May 15	3798	.....	122	964
Reinking, Karl, E. Dehnell, Ludwigshafen-on-the-Rhine, and H. Labhardt, Mannheim, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Bleaching.....	837,730	Dec. 4	914	.....	125	1583
Reinschmidt, Edwin J., et al. (See Reinschmidt, Frank, assignor.)						
Reinschmidt, Frank, assignor of two-thirds to E. J. Reinschmidt and A. J. Heep, St. Louis, Mo. Spittoon.....	810,567	Jan. 23	4018	827	120	998
Reis, Richard, administrator. (See Liss, Oswald.)						
Reis, Theodor, Cincinnati, Ohio. Armored sheet-metal can.....	827,751	Aug. 7	116	26	123	1698
Reis, William B., New York, N. Y. Controlling device for double doors.....	835,984	Nov. 13	2131	457	125	574
Reisch, Emily. (See Reisch, Michael, assignor.)						
Reisch, Michael, assignor to E. Reisch, Buffalo, N. Y. Ratchet mechanism.....	808,946	Jan. 2	641	140	120	141
Reising, John A., Aurora, Ill. Wire-clamp.....	817,588	Apr. 10	2067	435	121	1867
Reisinger, Hugo. (See Coomber, James, assignor.)						
Reiss, George T., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Tool-holder for lathes.....	835,764	Nov. 13	1742	371	125	481
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Collector-ring.....	809,220	Jan. 2	1191	244	120	263
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.....	811,792	Feb. 6	488	106	120	1590
Reister, Robert, Dessau, Germany. Hydraulic condenser.....	819,596	May 1	1096	241	122	246
Reiter, Edward C., Rockville, Conn. Toy.....	834,077	Oct. 23	4357	926	124	2402
Reitz, Edwin A., Butler, Pa. Window-screen.....	834,407	Oct. 30	5057	1072	124	2625
Reitz, Pedro, Munich, Germany. Watchman's electric time-controller.....	830,364	Sept. 4	935	194	124	230
Reizenstein, Emile, Waltham, Mass. Combination-tool.....	822,553	June 5	633	127	122	1866
Rekar, Joseph J., San Francisco, Cal. Rock-drill.....	837,118	Nov. 27	4461	946-7	125	1234
Reliance Ball Bearing Door Hanger Company. (See Cossey, Myron, assignor.)						
Remelius, Charles, Newark, N. J., assignor to Columbia Machine Works and Malleable Iron Company, Brooklyn, N. Y. Mold for babbitting bearings.....	827,466	July 31	5735	1187-8	123	1507
Remhof, Charles, New York, N. Y. Curtain-pole ring.....	820,257	May 8	2514	544	122	623
Remick, Amos C. (See Elder and Remick.)						
Remington Arms Company. (See Witherell, George E., assignor.)						
Remington and Sherman Company. (See Casserly, Joseph E., assignor.)						
Remington and Sherman Company. (See Williams, James H., assignor.)						
Remington, William M. (See Duryea and Remington.)						
Remion, Louis V., San Bernardino, Cal. Pipe-wrench.....	810,304	Jan. 16	3441	711	120	834
Rémond, Léon E., Vincennes, France. Irreversible controlling apparatus.....	823,971	June 19	3480	743	122	2594
Remppis, William F. (See Schaeffer, William G., assignor.)						
Remson, Andrew C. (See Remson, David M. and A. C.)						
Remson, David M. and A. C., Talladega, Ala. Boiler-flue-expander attachment.....	835,556	Nov. 13	1347	289	125	383
Remund, Efa A., Spokane, Wash. Shade-bracket.....	826,358	July 17	3373	697	123	885
Remy, Benjamin P. and F. I., assignors to Remy Electric Company, Anderson, Ind. Electric generator.....	808,779	Jan. 2	322	69	120	72
Remy Electric Company. (See Remy, Benjamin P. and F. I., assignors.)						
Remy, Frank I. (See Remy, Benjamin P. and F. I.)						
Renard, Charles, Mendon, France. Feeding arrangement for steam-generators.....	835,916	Nov. 13	2022	430	125	549
Renard, Wilhelmine R., New York, N. Y. Sash operating and locking device.....	824,583	June 26	4678	994-5	122	2908
Renaud, Ernest, Montreal, Canada. Train-stopping means.....	815,637	Mar. 20	3323	696	121	832
Renault, Louis, Billancourt, France. Carbureter.....	818,853	Apr. 24	4623	992	121	2530
Rendahl, Ragnar H., Berlin, Germany. Wireless electric signaling system.....	813,914	Feb. 27	4779	1055-6	120	2672
Rendahl, Ragnar H., assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Detector for electromagnetic waves or the like.....	820,258	May 8	2515	544	122	623
Render, J. D. (See Lewis, Richard W., assignor.)						
Renfrew Crusher Company. (See Wegerif, Johannes C., assignor.)						
Renie, William C., Hoquiam, Wash. Saw-guide.....	838,645	Dec. 18	2730	585	125	2117
Renker, Gustav, assignor to Firm of Heimr. Aug. Schoeller Söhne, Düren, Germany. Clamp for fastening stone couch-rolls and wet-press rolls on their axles.....	827,394	July 31	5523	1149	123	1457
Renner, Frederick W., Hites, Pa. Mail-delivering device.....	827,565	July 31	5954	1235	123	1561
Renner, Frederick W., Hites, Pa. Pilot for locomotives.....	836,535	Nov. 20	3251	691	125	900
Renner, Jacob, Rockwell City, Iowa. Device for use in transferring ice-cream cans.....	832,503	Oct. 2	971	194	124	1445
Renner, Jacob H., Canal Dover, Ohio. Rotary engine.....	813,024	Feb. 20	3003	661	120	2230

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Renner, John, Burlington, Iowa. Window-shade holder.	809,221	Jan. 2	1193	244	120	264
Renner, John W., assignor of four-fifths to S. S. Thorpe, Cadillac, Mich. Track mechanism for railway-crossings.	828,054	Aug. 7	726	149	123	1850
Rennerfelt, Gustaf, Scranton, Pa. Means for opening and closing electrical circuits.	833,178	Oct. 16	2333	489-90	124	1867
Rennie, John A., New York, N. Y. Brazing metals.	838,211	Dec. 11	1886	.....	125	1868
Rennie, John A., New York, N. Y. Brazing compound.	838,274	Dec. 11	2022	.....	125	1899
Renninger, Abner W. (See De Grey, Gerald, assignor.)						
Reno, Jesse W., New York, N. Y. Apparatus for lining tunnels with concrete.	816,040	Mar. 27	4173	884	121	1067
Reno, Jesse W., New York, N. Y. Inclined elevator.	817,338	Apr. 10	1561	328	121	1760
Reno, Jesse W., New York, N. Y. Tunnel construction and method and apparatus for forming the same.	836,215	Nov. 20	2607	550	125	745
Renshaw, Alfred H., Darien, Conn. Car-coupling.	819,314	May 1	563	120-1	122	129
Renshaw, Alfred H., Troy, N. Y. Draw-head knuckle.	819,315	May 1	566	121	122	130
Renshaw, William. (See Kennedy, Joseph P., assignor.)						
Renshaw, William. (See Sullivan and Renshaw.)						
Renshler, John D., Findlay, Ohio. Burial-casket.	823,741	June 19	3035	642	122	2495
Renstrom, Oscar, assignor of one-half to B. Hanson, Shell Lake, Wis. Railway-track gage.	839,034	Dec. 18	3434	742	125	2289
Renstrom Tempered Copper Company. (See Plumer, Carrie R., assignor.)						
Renvoize, James S., London, England. Spirometer.	820,259	May 8	2517	545	122	623
Renyx, Guy W., Lansing, Mich. Extracting butter-fat from cream or milk.	835,890	Nov. 13	1974	418	125	537
Renz, Eugene, assignor to Stirling Silk Manufacturing Company, Stirling, N. J. Warp-tension.	810,305	Jan. 16	3443	711-12	120	835
Renz, Jacob, assignor of one-half to A. Kessler, Columbus, Ohio. Automatic weighing device.	832,340	Oct. 2	653	125	124	1369
Renz, Mitchell, Mobile, Ala. Hoop-lug.	834,408	Oct. 30	5058	1072	124	2625
Replogle, James B., assignor to J. Saltzman, Chicago, Ill. Electric cloth-cutter.	828,681	Aug. 14	1977	417	123	2190
Replogle, James B., assignor to J. Saltzman, Chicago, Ill. Garment-pressing machine.	831,892	Sept. 25	4041	842	124	1115
Repp, Roy, Columbus, Ohio. Amusement device.	830,004	Sept. 4	179	31-2	124	43
Repetto, Augustus O., Blachly, Oreg. Saw-jointer.	818,120	Apr. 17	3135	674	121	2157
Republic Railway Appliance Co. (See Flatau, Louis S., assignor.)						
Resch, Edmund. (See McGarry, John J., assignor.)						
Reschke, William F., Pratt, Kans. Lister-cultivator.	838,452	Dec. 11	2345	508-9	125	1980
Restein, Clement, Philadelphia, Pa. Packing.	809,581	Jan. 9	1961	407	120	463
Restein, Clement, Philadelphia, Pa. Packing.	831,099	Sept. 18	2443	515	124	671
Rettenberger, Franz, et al. (See Kranz, Thomas, assignor.)						
Rettig, George, Jr. (See Nuernberger and Rettig.)						
Rettinger, William N., Bourbon, Ind. Washing-machine.	830,172	Sept. 4	541	110	124	137
Reubold, Friedrich. (See Strehlenert and Reubold.)						
Reuleaux, Josef, Wilkinsburg, Pa. Gas-producer.	824,883	July 3	412	79	123	113
Reuss, Albert. (See Pedretti and Reuss.)						
Reuter, Baptist. (See Stolz and Reuter.)						
Reuter, Ludwig H., assignor to Basic Chemical Company, New York, N. Y. Soap.	830,365	Sept. 4	938	.....	124	231
Rever, Everett L. (See Rever, Robert P., assignor.)						
Rever, Robert P., assignor of one-half to E. I. Rever, Newark, N. J. Trolley-pole.	820,440	May 15	2866	624	122	758
Reversible Disc Plow & Implement Company. (See Buchanan, Judson, assignor.)						
Revolving Air Ship Tower Company. (See Friede, Samuel M., assignor.)						
Rew, Madison, Grinnell, Iowa. Side-delivery hay rake and loader.	811,745	Feb. 6	390	85	120	1571
Rex Buggy Company. (See Hull, Matthew R., assignor.)						
Rexroth, John J., assignor of one-fourth to W. W. Weaver, Chicago, Ill. Thrust or end movement mechanism.	826,194	July 17	3059	634-5	123	809
Rexroth, Louis, and J. J. Gaynor, Indianapolis, Ind. Can-labeling machine.	833,896	Oct. 23	3851	818	124	2283
Reyburn, John E. (See Rankin, William K., assignor.)						
Reynders, John V. W., and W. T. Sears, Harrisburg, Pa. Machine for upsetting bars.	839,784	Dec. 25	4989	1065	125	2716
Reynolds, Charles H., Milan, Mo. Saw-sharpening apparatus.	826,964	July 24	4615	962	123	1218
Reynolds, Charles W., Toledo, Ohio. Brick-press.	825,614	July 10	1914	405-6	123	509
Reynolds and Co., John W. (See Reynolds, John W., assignor.)						
Reynolds, Daniel W., et al. (See Dudley, Pemberton, assignor.)						
Reynolds, Edwin, Milwaukee, Wis., assignor to Allis-Chalmers Company, Chicago, Ill. Steam-engine.	811,520	Jan. 30	5853	1225-8	120	1427
Reynolds, Egbert A., assignor to Iron Telephone Company, New York, N. Y. Coin-controlled telephone system.	817,389	Apr. 10	1665	352-3	121	1783
Reynolds, Egbert A., assignor to Iron Telephone Company, New York, N. Y. Privacy device and busy-signal for telephone apparatus and systems.	817,390	Apr. 10	1673	353-4	121	1785
Reynolds, Ella A., Pierre, S. D. Compartment-box for smokers.	833,897	Oct. 23	3855	819	124	2285
Reynolds, Elmer E. (See Christian and Reynolds.)						
Reynolds, Elmer L., assignor of one-half to W. R. Sutter, Seattle, Wash. Book-mark and page-holder.	824,144	June 26	3783	807	122	2717
Reynolds, Frank, Syracuse, N. Y. Rotary explosive-engine.	810,435	Jan. 23	3748	771-2	120	937
Reynolds, Frank B., Providence, R. I. Collar-supporter.	835,228	Nov. 6	703	145	125	178
Reynolds, Fred S., Cranston, R. I. Adjustable collar-supporter.	811,326	Jan. 30	5513	1149	120	1357
Reynolds, Frederick L., Chicago, Ill., assignor of one-half to E. Tietgens, Youngstown, Ohio. Advertising apparatus.	819,673	May 1	1252	273	122	281
Reynolds, George A., assignor to Faatz-Reynolds Felting Company, Lestershire, N. Y. Pad for horse-collars.	824,145	June 26	3784	807	122	2717
Reynolds, George H., Mansfield Depot, Conn., assignor to Pipe Bending Machine Company. Pipe-bending machine.	828,338	Aug. 14	1311	277	123	2020
Reynolds, Henry L., Seattle, Wash., assignor to Bullard Automatic Wrench Company, Los Angeles, Cal. Wrench.	824,081	June 19	3678	782	122	2635
Reynolds, Henry L., Seattle, Wash., assignor to Bullard Automatic Wrench Company, Los Angeles, Cal. Wrench.	824,082	June 19	3679	783	122	2635
Reynolds, Herbert G. (See Ward, Dell, assignor.)						
Reynolds, Herbert S., et al. (See Baker, Arthur G., assignor.)						
Reynolds, Herman M., and W. E. Sherwood, Oneida, assignors to White Mop Wringer Company, Fultonville, N. Y. Mop-wringer.	819,253	May 1	432	91	122	101
Reynolds, James A., New York, N. Y. Fire-escape.	826,884	July 24	4469	930	123	1181
Reynolds, James A., Providence, R. I. Sliver-conductor and apron-guide for wool-combing machines.	828,968	Aug. 21	2552	540	123	2366
Reynolds, James H., assignor to Huntington Curtain Pole Company, Huntington, W. Va. Combined curtain-pole and shade-bracket support.	819,597	May 1	1097	241	122	246
Reynolds, James H., assignor to Huntington Curtain Pole Company, Huntington, W. Va. Curtain-pole and shade-bracket support.	829,891	Aug. 28	4520	953	123	2903
Reynolds, James L., Chavis, S. C. Back-band buckle and plow-line supporter.	828,339	Aug. 14	1313	277-8	123	2020
Reynolds, James W., Chicago, Ill. Duck-call.	827,819	Aug. 7	260	53	123	1736
Reynolds, John R. (See Moulton, James N., assignor.)						
Reynolds, John R., assignor to Waterproof Welt and Filler Company, Hartford, Conn. Making waterproof welts.	811,793	Feb. 6	490	106	120	1591

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Reynolds, John R., assignor to Smyth Manufacturing Company, Hartford, Conn. Machine for casing in books.....	832,082	Oct. 2	104	23-4	124	1237
Reynolds, John R., assignor to Smyth Manufacturing Company, Hartford, Conn. Signature-support for book-sewing machines.....	837,341	Dec. 4	129	33	125	1386
Reynolds, John W., Erin, Tenn. Baling-press.....	809,844	Jan. 9	2463	512	120	574
Reynolds, John W., Proctor, Vt. Lathe-tool holder.....	838,453	Dec. 11	2346	509	125	1980
Reynolds, John W., assignor to J. W. Reynolds and Co., Frankfort, Ind. Gate.....	824,584	June 26	4680	995	122	2908
Reynolds, Lewis G., Dayton, Ohio. Paper carton.....	816,124	Mar. 27	4349	921	121	1104
Reynolds, Marcus T. (See Whitman, James N., assignor.)						
Reynolds, Mercer, Clarksdale, Miss. Gin.....	823,439	June 12	2427	511	122	2304
Reynolds, Oliver B., Elgin, Ill. Haying-tedder.....	838,212	Dec. 11	1887	404-5	125	1869
Reynolds, Robbie A., and W. E. Bee, Detroit, Mich. Transmission mechanism.....	831,523	Sept. 18	3247	685	124	873
Reynolds, Samuel J., Plymouth, Pa. Door-hanger.....	835,734	Nov. 13	1678	357	125	467
Reynolds, William B., and E. B. McCarthy, Minetto, N. Y. Shade-roller attachment.....	837,119	Nov. 27	4463	947	125	1235
Reynolds, William J., Chicago, Ill. Dust-collecting shield for radiators.....	814,234	Mar. 6	450	93	121	97
Reynolds, Winfred E., and W. F. Gronau, New York, N. Y. Vehicle-platform.....	810,222	Jan. 16	3257	675	120	794
Rhea, Edwin L. (See Croy and Rhea.)						
Rhea, Learner T., Mount Pleasant, Tex. Stone-dressing machine.....	838,454	Dec. 11	2347	509-10	125	1980
Rhea, Robert L., Peoria, Ill. Grain-dump lifting-jack.....	835,891	Nov. 13	1975	418-19	125	537
Rhead, John, Camden, N. J. Water-closet.....	816,185	Mar. 27	4473	947	121	1131
Rheinberg, Julius, London, England. Apparatus for stropping razors.....	827,764	July 31	5273	1094	123	1396
Rheingans, George, Bloomer, Wis. Hitching-bolt.....	838,901	Dec. 18	3198	690	125	2230
Rheinische Metallwaren-und Maschinenfabrik. (See Völler, Karl, assignor.)						
Rheinische Metallwaren-und Maschinenfabrik. (See Yingling, Frank B., assignor.)						
Rhett, James M., assignor of one-fourth to F. H. and N. Christensen, Jr., Beaufort, S. C. Shade-roller bracket.....	827,669	July 31	6184	1284	123	1623
Rhineland, Henry A., Freedom, Pa. Rail-joint.....	819,456	May 1	842	182	122	189
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Bailing-machine.....	815,378	Mar. 20	2822	588	121	720
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Bobbin-holder.....	816,502	Mar. 27	5129	1087	121	1270
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Warper-comb.....	817,093	Apr. 3	1070	221	121	1595
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Slasher-comb.....	818,560	Apr. 24	4022	863	121	2399
Rhoades, Archibald F., Elk Grove, Cal. Bale-tie machine.....	819,925	May 8	1771	381-2	122	460
Rhoades, Charles W., assignor to Peru Electric Manufacturing Company, Peru, Ind. Electric safety-fuse.....	809,982	Jan. 16	2749	565	120	689
Rhoads, H. A. (See Shrope, Albert J., assignor.)						
Rhoads, Samuel M., Philadelphia, Pa. Hose-coupling.....	809,746	Jan. 9	2289	474	120	536
Rhoda, Richard, Coatesville, Pa. Valve.....	822,983	June 12	1495	310	122	2103
Rhode Island Automatic Machine Company. (See Loopsinger, Albert J., assignor.)						
Rhode Island Electromobile Company. (See Horton, Leonard W., assignor.)						
Rhode Island Electromobile Company. (See Porter, Harris H., assignor.)						
Rhodes, Bert O., assignor to W. Shakespeare, Jr., Kalamazoo, Mich. Fish bait or lure reel.....	824,817	July 3	272	49	123	75
Rhodes, Bert O., assignor of one-half to C. E. McKinstry, Kalamazoo, Mich. Fish-line reel.....	828,969	Aug. 21	2554	541	123	2367
Rhodes, Byron F., assignor of one-half to B. Johnson, Philadelphia, Pa. Running-shoe.....	811,438	Jan. 30	5715	1196	120	1398
Rhodes, Charles E., and J. A. Ross, Altoona, Pa. Steam-engine.....	833,631	Oct. 16	3278	697-8	124	2096
Rhodes, Charles H. (See Brown and Rhodes.)						
Rhodes, Charles M., Steubenville, Ohio. Rail-joint.....	812,594	Feb. 13	2174	475	120	2009
Rhodes, Charles M., Steubenville, Ohio. Rail-joint.....	819,457	May 1	844	182	122	189
Rhodes, Charles M., Steubenville, Ohio. Metallic tie and rail-fastener.....	834,682	Oct. 30	5584	1185	124	2760
Rhodes, John E., New York, N. Y. Garment-securing device.....	822,076	May 29	6180	1317	122	1610
Rhodes, Levi, assignor to Motor Traction Company, Spokane, Wash. Injector.....	812,232	Feb. 13	1456	319	120	1858
Rhodes, William J., Elizabeth, Ind. Tension device.....	820,736	May 15	3448	738	122	887
Rhody, William P. (See Shaw and Rhody.)						
Riblet, Byron C., Spokane, Wash. Tramway bucket and rope clip.....	814,622	Mar. 6	1236	261	121	267
Riblet, George E., Erie, Pa. Engine-governor.....	836,784	Nov. 27	3780	805-6	125	1068
Ricardo, All. (See Nash, John, assignor.)						
Ricart, Thomas L. (See Hallowell, Louis S., assignor.)						
Rice, Charles D., Hartford, Conn. Shipping box or crate.....	817,669	Apr. 10	2205	470	121	1897
Rice, Charles D., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Fastening-hook.....	812,879	Feb. 20	2716	598	120	2167
Rice, Clarence S., assignor to Keyless Lock Company, Indianapolis, Ind. Keyless lock.....	829,737	Aug. 28	4200	890	123	2823
Rice, Clarence S., assignor to Keyless Lock Company, Indianapolis, Ind. Keyless lock.....	832,417	Oct. 2	804	155	124	1405
Rice, Donald B., et al. (See Dunnell, Frederick W., assignor.)						
Rice, Edwin W., Jr., Schenectady, N. Y., assignor to General Electric Company. Switch or circuit breaker for high-potential circuits.....	812,880	Feb. 20	2717	598-9	120	2167
Rice, Frank L., assignor to James B. Clow & Sons, Chicago, Ill. Combined water-heater and pressure-reservoir.....	808,947	Jan. 2	643	140	120	142
Rice, Frank W. (See Dennis and Rice.)						
Rice, Henry C., et al. (See Norton, Willard I., assignor.)						
Rice, Louis E., Cedar Falls, Iowa. Vulcanizer.....	830,005	Sept. 4	182	32	124	44
Rice, Louis E., Salem, Ohio, assignor to Silver Manufacturing Company. Locking device.....	831,745	Sept. 25	3721	778	124	1035
Rice, Lowell H., Chicago, Ill., assignor to Metal Sectional Furniture Company. Beveling-machine.....	811,174	Jan. 30	5215	1089-90	120	1291
Rice, Marion, Los Angeles, Cal. Concrete-block-making machine.....	820,129	May 8	2259	491	122	567
Rice, Percy F., et al. (See Gray, Jesse L., assignor.)						
Rice, Percy F., Tustin, Cal. Flexible-speed power-transmitting device.....	825,416	July 10	1493	309	123	407
Rice, Percy F., Tustin, Cal. Self-replenishing fluid power-transmitter.....	833,087	Oct. 9	2131	449	124	1768
Rice, Philip B. (See Howard and Rice.)						
Rice, Richard H., Swampscott, Mass., assignor to General Electric Company. Nozzle for elastic-fluid turbines.....	814,477	Mar. 6	965	198-9	121	210
Rice, Richard H., Swampscott, Mass., assignor to General Electric Company. Governing mechanism for turbines.....	815,743	Mar. 20	3565	748-9	121	884
Rice, Richard H., Swampscott, Mass., assignor to General Electric Company. Elastic-fluid turbine.....	826,885	July 24	4471	930-1	123	1181
Rice, Richard H., Swampscott, Mass., assignor to General Electric Company. Shaft-bearing for elastic-fluid turbines.....	834,078	Oct. 23	4358	926-7	124	2402
Rice, Richard H., Lynn, Mass., assignor to General Electric Company. Governing mechanism for turbines.....	815,742	Mar. 20	3556	746-8	121	882
Rice, Richard H., Lynn, Mass., assignor to General Electric Company. Shaft-bearing.....	835,324	Nov. 6	901	191	125	228
Rice, Richard H., Lynn, Mass., assignor to General Electric Company. Combined emergency and throttle valve.....	838,455	Dec. 11	2349	510-11	125	1981
Rice, Robert F., Bridgeport, Conn. Amusement-vehicle.....	822,302	June 5	160	32	122	1763
Rice, Russell B., Las Vegas, N. Mex. Ter. Mail-bag lock.....	829,087	Aug. 21	2799	588-9	123	2432
Rice, Stanley K., assignor of one-half to M. Coats, Concord, Nebr. Washing-machine.....	812,772	Feb. 13	2500	550	120	2073
Rice, Thomas B., Jr., Philadelphia, Pa. Device for preventing the shafts or arbors of saw-blades from sagging.....	813,238	Feb. 20	3427	755	120	2321

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Rice, Vietts L., New York, N. Y. Antifriction-bearing.....	813,989	Feb. 27	4921	1089	120	2700
Rice, Walter P., assignor of one-third to A. E. Merkel, Cleveland, Ohio. Retaining-wall structure and building same.....	837,962	Dec. 11	1354	296	125	1732
Rice, William H., Rochester, N. Y. Agricultural implement.....	815,744	Mar. 20	3569	749-50	121	885
Rice, William H., Benton Harbor, Mich. System for transferring passengers and freight to and from moving railway-trains.....	828,340	Aug. 14	1314	278	123	2020
Rice, William J., Mason City, Iowa. Air-valve.....	812,451	Feb. 13	1883	414	120	1950
Rice, William P., Chicago, Ill. Malt-house and apparatus.....	826,886	July 24	4474	931-2	123	1182
Rice, William T., Berlin, Okla. Ter. Fish-hook.....	828,505	Aug. 14	1641	346	123	2105
Rich, Charles C., Mount Vernon, N. Y., assignor of two-thirds to J. U. and W. M. Bauchelle, Montclair, N. J. Apparatus for maintaining hot-water or steam pressure in portable boilers.....	811,245	Jan. 30	5354	1118	120	1322
Rich, Frederick S., Canton, Ohio, assignor to Rich Self Feeder Company, St. Louis, Mo. Feeding and band-cutting mechanism.....	810,568	Jan. 23	4019	827-8	120	999
Rich, George R., Chicago, Ill., assignor to Geo. R. Rich Manufacturing Company, Buchanan, Mich. Drill-chuck.....	819,025	Apr. 24	4943	1060-1	121	2601
Rich, George W., assignor of one-half to J. S. Lightburne, Memphis, Tenn. Check-valve.....	822,077	May 29	6181	1317	122	1611
Rich, Guy A. (See Bennett, Clarence G., assignor.)						
Rich, Lester M., Cedar Rapids, Iowa. Adjustable stool back-rest.....	818,293	Apr. 17	3474	748	121	2229
Rich Self Feeder Company. (See Rich, Frederick S., assignor.)						
Rich, William A., and L. Wick, Pittsburg, Pa. Ladder.....	838,275	Dec. 11	2023	435	125	1899
Rich, William M., assignor of one-half to E. Allen, Cooper, Iowa. Transformable draft-equalizer.....	817,726	Apr. 10	2316	497-8	121	1924
Richard, Augusto, Milan, Italy. Insulator.....	821,746	May 29	5554	1182	122	1468
Richard, Fred J. (See Richardson, John L., assignor.)						
Richard, Jules, Paris, France. Registering differential-speed indicator.....	823,440	June 12	2430	511-12	122	2304
Richards, Albert J. (See Richards, Charles H. and A. J.)						
Richards, Arthur, <i>et al.</i> (See Kelso, William A., assignor.)						
Richards, Charles E., Chicago, Ill. Canopy-frame for caskets.....	810,569	Jan. 23	4022	828	120	999
Richards, Charles H. and A. J., Elgin, Ill. Feed-governor for mills, &c.....	810,978	Jan. 30	4835	1006	120	1210
Richards, Charles H. and A. J., Elgin, Ill. Feed-governor for mills, &c.....	838,646	Dec. 18	2731	585-6	125	2118
Richards, Emanuel L., New London, Conn. Punch-holder for tablet-machines.....	818,194	Apr. 17	3292	704	121	2191
Richards, Emanuel L., New London, Conn. Mass-mixing machine.....	819,800	May 8	1533	325-6	122	406
Richards, Emanuel L., New London, Conn. Granulating-machine.....	823,550	June 19	2683	565-6	122	2418
Richards, Francis E. (See Wachter and Prendergast, assignors.)						
Richards, Francis H., Hartford, Conn. Golf-ball.....	808,683	Jan. 2	115	27	120	28
Richards, Francis H., Hartford, Conn. Mechanical movement.....	815,979	Mar. 27	4037	855	121	1035
Richards, Francis H., Hartford, Conn. Carving-machine.....	824,146	June 26	3785	808-9	122	2717
Richards, Francis H., Hartford, Conn. Carving-machine.....	824,818	July 3	273	49-50	123	75
Richards, Francis H., Hartford, Conn. Rolling-press.....	830,006	Sept. 4	183	32	124	44
Richards, Francis H., Hartford, Conn. Carving-machine.....	830,529	Sept. 11	1281	265-6	124	344
Richards, Francis H., Hartford, Conn. Fastening device.....	836,706	Nov. 27	3609	769	125	1021
Richards, Francis H., Hartford, Conn., assignor to American Cigar Company, New York, N. Y. Marking-machine.....	810,979	Jan. 30	4838	1007-8	120	1211
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Key-operated mechanism.....	823,080	June 12	1698	351-3	122	2145
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Movement-starting mechanism.....	823,081	June 12	1715	353-4	122	2149
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Pivot connection.....	823,137	June 12	1832	378	122	2175
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, of one-half to American Typographic Corporation. Driving mechanism.....	832,877	Oct. 9	1740	359	124	1672
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Wheel-mounting.....	837,963	Dec. 11	1356	296-7	125	1733
Richards, Frank A., assignor of one-half to J. H. Richards, Philadelphia, Pa. Hand-power shears.....	812,452	Feb. 13	1884	415	120	1950
Richards, Frank M., and E. Hubbard, Bainbridge, N. Y. Device for heating and cooling milk.....	830,743	Sept. 11	1748	360	124	472
Richards, George W., Mountaintop, Pa. Sectional car-wheel.....	809,398	Jan. 9	1610	327	120	388
Richards, Howard E., and R. H. Ramsay, Bellevue, Ohio. Fuse-box.....	824,884	July 3	414	79	123	113
Richards, Hubert P., Hartford, Conn. Chuck.....	817,936	Apr. 17	2771	600	121	2079
Richards, Hubert P., assignor to Stanley Rule & Level Company, New Britain, Conn. Ratchet mechanism for tools.....	813,586	Feb. 27	4137	906	120	2534
Richards, James, assignor of one-half to C. I. Farnsworth, Buckhannon, W. Va. Trellis.....	839,423	Dec. 25	4251	909	125	2536
Richards, James N., Chatham, Ontario, Canada. Whiffletree.....	830,366	Sept. 4	940	194	124	231
Richards, John H. (See Richards, Frank A., assignor.)						
Richards, John R. (See Duggins, Edward, assignor.)						
Richards Manufacturing Company. (See Wideman, Gustavus, assignor.)						
Richards, Morris P., Utica, N. Y. Magazine in small-arms.....	819,801	May 8	1536	326	122	406
Richards, Richard, assignor of one-fourth to H. P. Marley, New Castle, Pa. Cage for pickling-vats.....	838,456	Dec. 11	2355	511	125	1982
Richards, Samuel and Samuel, Jr., Everett, Mass. Ferrule holder or clamp.....	832,418	Oct. 2	806	155	124	1406
Richards, Thomas C., Winsted, Conn. Curtain-rod.....	821,377	May 22	4814	1023	122	1251
Richards, Thomas W. (See Denny and Richards.)						
Richards, Victor I. (See Manning, Hugh L., assignor.)						
Richards, Walter J., Milwaukee, Wis. Automatic controller for motor-compressors.....	821,672	May 29	5392	1150-1	122	1431
Richards, Walter J., Milwaukee, Wis. Fluid-pressure control.....	821,673	May 29	5400	1151	122	1432
Richards, Walter J., Milwaukee, Wis. Controlling apparatus.....	821,747	May 29	5556	1183	122	1468
Richards, Walter J., Milwaukee, Wis. Automatic controller for pressure systems.....	822,223	May 29	6463	1372	122	1675
Richards, Willard F., Buffalo, assignor to Gould Coupler Company, New York, N. Y. Car-axle box.....	808,684	Jan. 2	117	27	120	28
Richards, Willard F., Buffalo, assignor to Gould Coupler Company, New York, N. Y. Machine for making battery-grids.....	832,809	Oct. 9	1597	328-9	124	1635
Richards, Willard F., Buffalo, assignor to Gould Coupler Company, New York, N. Y. Vestibule for railway-cars.....	835,114	Nov. 6	484	98	125	125
Richards, Willard F., Buffalo, assignor to Gould Coupler Company, New York, N. Y. Car-coupling.....	836,404	Nov. 20	2990	634	125	837
Richards, Willard F., Buffalo, assignor to Gould Storage Battery Company, New York, N. Y. Machine for making battery-grids.....	812,295	Feb. 13	1592	349-51	120	1890
Richards, Willard F., Buffalo, and W. A. Turbayne, Lancaster, assignors to Gould Coupler Company, New York, N. Y. Dynamo-electric machine.....	830,849	Sept. 11	1933	405-6	124	518
Richards, William, Mayburg, Pa. Device for raising liquids from wells.....	813,322	Feb. 20	3606	791	120	2358
Richards, William H. (See Fulton and Richards.)						
Richards, William H., Canonsburg, Pa. Pickling-cradle.....	837,120	Nov. 27	4464	947	125	1235

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Richardson, Abraham, assignor of seven-eighths to J. and H. Heap, J. Bailey, T. Brierley, R. Billington, J. Haydock, and T. S. Jones, Blackpool, England. Hanger or ear for overhead electric trolley-wires.	812,881	Feb. 20	2723	599	120	2169
Richardson, Abraham, and T. S. Jones, assignors of six-eighths to J. and H. Heap, J. Bailey, T. Brierley, R. Billington, and J. Haydock, Blackpool, England. Hanger or ear for overhead electric trolley-wires.	809,747	Jan. 9	2291	474	120	536
Richardson, Andrew T., Verona, Pa., assignor to Verona Tool Works. Machine for making tail nut-locks.	838,276	Dec. 11	2024	436	125	1899
Richardson, Charles G., Springfield, Vt., assignor, by mesne assignments, to Massey Machine Company. Lathe.	824,207	June 26	3914	836-9	122	2745
Richardson, Charles H., Dover, N. H. Truck.	831,472	Sept. 18	3143	666	124	846
Richardson, Dwight S., New York N. Y. Heating-furnace.	820,130	May 8	2261	492	122	567
Richardson, Earl H., assignor to Pacific Electric Heating Company, Ontario, Cal. Electric laundry-iron.	809,529	Jan. 9	1861	387	120	443
Richardson, Earl H., Ontario, Cal., assignor to Pacific Electric Heating Company, Los Angeles, Cal. Electric heating unit.	831,186	Sept. 18	2595	547	124	766
Richardson, Elmore S., Farmer, Ohio. Drinking-fountain.	823,697	June 19	2958	626	122	2480
Richardson, Enoch, Hawthorn, Victoria, Australia. Piston-valve.	818,976	Apr. 24	4853	1043	121	2581
Richardson, George F. (See Otto, Edward C. F., assignor.)						
Richardson, George H., San Francisco, Cal. Combination note-book, copy-holder, and tool-kit.	839,643	Dec. 25	4706	1005	125	2645
Richardson, George L., Chicago, Ill., assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Collar and cuff shaper.	818,915	Apr. 24	4726	1014-15	121	2553
Richardson, George W., Wissahickon, Pa. Electric switch.	827,181	July 31	5127	1065	123	1361
Richardson, George W., Wissahickon, assignor of one-half to S. T. Major, Norristown, Pa. Electric drying and ironing apparatus.	811,088	Jan. 30	5025	1049	120	1252
Richardson, Hamilton P., Janesville, Wis. Metal-shearing machine.	825,074	July 3	765	160	123	205
Richardson, Harry H., Beaver Falls, Pa., assignor to America Company, Rockford, Ill. Fish-line reel.	817,987	Apr. 17	2868	621	121	2101
Richardson, Harry H., Beaver Falls, Pa., assignor to American Company, Rockford, Ill. Fish-line reel.	824,438	June 26	4382	932	122	2841
Richardson, Henry, Chicago, Ill. Elastic bed-bottom.	827,034	July 24	4749	991	123	1249
Richardson, Henry, Chicago, Ill. Bed-bottom fabric.	827,035	July 24	4751	991	123	1250
Richardson, Henry, Chicago, Ill. Bed-bottom fabric.	827,036	July 24	4753	992	123	1250
Richardson, Henry, New York, N. Y. Weighing-machine.	828,246	Aug. 7	1083	228	123	1934
Richardson, Henry C., Everett, Mass. Apparatus for making felted boot-bodies.	829,487	Aug. 28	3674	776	123	2695
Richardson, Hugh, Atlanta, Ga. Switch.	816,377	Mar. 27	4872	1034	121	1217
Richardson, J. E. (See Pence, Edward L., assignor.)						
Richardson, J. F., et al. (See Clemons, De Laski T., assignor.)						
Richardson, James C. (See Davis, Fred S., assignor.)						
Richardson, John E., Elmira Heights, N. Y. Lamp-extinguisher.	815,215	Mar. 13	2452	511	121	594
Richardson, John F., Pittsburg, Pa. Brazing steel and copper.	811,954	Feb. 6	846	186	120	1661
Richardson, John L., assignor of one-half to F. J. Richard, Bloomsburg, Pa. Mold for concrete walls.	812,365	Feb. 13	1710	375-6	120	1916
Richardson, John S. (See Norwood, George, assignor.)						
Richardson, John S., Nowesta, N. D., assignor to W. Gregory, trustee, Minneapolis, Minn. Bundle-loader.	810,380	Jan. 16	3612	743-4	120	873
Richardson, Joseph C., Altonpark, Tenn. Oil-press.	814,987	Mar. 13	1963	413	121	482
Richardson, Lavinia D., Fredericksburg, Va. Pocket ash-receptacle.	820,067	May 8	2142	466	122	541
Richardson, Louis D., Providence, R. I. Window-blind guard.	838,356	Dec. 11	2160	468	125	1934
Richardson Manufacturing Co. (See Brown, Theophilus, assignor.)						
Richardson, Orlando C., et al. (See Bauer, William, assignor.)						
Richardson, Percy, West Norwood, England. Pedal mechanism.	831,100	Sept. 18	2444	515	124	671
Richardson, Robert, Allegheny, Pa. Automatic safety cut-out.	824,439	June 26	4383	932	122	2841
Richardson, Robert, Glasgow, Scotland. Steam-actuated valve.	826,274	July 17	3208	665	123	843
Richardson, Robert B., Jr. (See Robertson and Richardson.)						
Richardson, Robert L., assignor of one-half to D. B. Howard Keota, Iowa. Extension and other table.	819,802	May 8	1538	326-7	122	406
Richardson, Samuel H., Seattle, Wash. Apparatus for cutting and sluicing.	810,810	Jan. 23	4470	929	120	1097
Richardson, Samuel L., New York, N. Y. Ironing device.	824,742	July 3	86	16	123	26
Richardson, Solon O., Jr., Toledo, Ohio. Glass-furnace.	809,925	Jan. 9	2624	542	120	610
Richardson, Warren H., et al. (See Bauer, William, assignor.)						
Richardson, Wilber E. (See Sherman and Richardson.)						
Richardson, Wilbur P., Beaver, assignor to Pittsburgh Equipment Company, Pittsburgh, Pa. Car-truck.	839,785	Dec. 25	4990	1065	125	2716
Richardson, William A., Corsicana, Tex. Boat.	839,321	Dec. 25	4052	869	125	2487
Richardson, William A., Edwardsville, Ill., assignor to Chameleon Signal & Manufacturing Company, Pierre, S. D. Signal.	827,752	Aug. 7	117	26	123	1698
Richardson, William A., Edwardsville, Ill., assignor to Chameleon Signal & Manufacturing Company, Pierre, S. D. Signal.	837,421	Dec. 4	287	70	125	1428
Richardson, William C., Mystic, Conn. Door-mat.	823,972	June 19	3482	743-4	122	2594
Richardson, William H., Thebarton, and F. L. Woods, Brompton, South Australia, Australia. Governor for marine engines.	839,644	Dec. 25	4709	1005	125	2645
Richardson, William K., Leavenworth, Kans. Trolley-harp.	833,550	Oct. 16	3109	660	124	2056
Richardson, William N. (See Chandler and Richardson.)						
Richardson, William S., Ponkapog, Mass., assignor to United States Fastener Company. Snap-fastener.	835,867	Nov. 13	1933	409	125	528
Richardson, Willis S., Newark, N. J. Watchmaker's tool.	832,810	Oct. 9	1600	329	124	1636
Riché, Henri, Paris, France. Gas-producer.	837,121	Nov. 27	4466	948	125	1235
Richelle, Joseph. (See Charpentier and Richelle.)						
Riches, Arthur W., Denver, Colo. Garment-fastener.	838,056	Dec. 11	1546	332	125	1783
Richey, Browne & Donald. (See Browne, Richard B., assignor.)						
Richey, John A. (See Hovis, Park S., assignor.)						
Richey, Michael, and J. W. Dykes, Denning, Ark. File-cutting machine.	832,160	Oct. 2	291	55	124	1283
Richie, Charles W., et al. (See Levake, Anson S., assignor.)						
Richmond & Backus Company. (See Winfield and Barker, assignors.)						
Richmond Casket Company. (See Mills, Joseph H., assignor.)						
Richmond Cedar Works. (See Davis, Charles D., assignor.)						
Richmond, Charles B., assignor of one-half to J. H. Tolman, St. Louis, Mo. Automatic watering or feed trough.	820,316	May 8	2620	571	122	646
Richmond, Edward J., assignor of three-fourths to T. H. Combs, Lamar, Mo. Hay-press feeder.	832,811	Oct. 9	1601	329	124	1636
Richmond Furniture Manufacturing Company. (See Russell, Robert C., assignor.)						
Richmond, George E., assignor of one-half to C. L. Desel, Houston, Tex. Machine for picking and cleaning cotton.	830,102	Sept. 4	383	78-9	124	94

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Richmond, William, London, Canada. Threading-die	826,610	July 24	3966	820	123	1054
Richmond, William H., Mount Pleasant, Mich. Crate	809,326	Jan. 9	1441	292	120	351
Richmond, William H., Mount Pleasant, Mich. Folding box	823,810	June 19	3167	670	122	2525
Richter, Carl, Chicago, Ill. Bottle-holder	822,984	June 12	1497	311	122	2104
Richter, Ernst, assignor to G. A. Gray Company, Cincinnati, Ohio. Speeder	836,707	Nov. 27	3612	769-70	125	1022
Richter, Fred A., <i>et al.</i> (See Messig, Walter E., assignor.)						
Richter, Fred O. and G. A., Buckholts, Tex. Cattle-guard	815,379	Mar. 20	2823	588	121	720
Richter, Friedrich A. (See Schütze, August, assignor.)						
Richter, Friedrich A., Rudolstadt, Germany. Metal roof for buildings	834,935	Nov. 6	114	23	125	33
Richter, Gustav A. (See Richter, Fred O. and G. A.)						
Richter, Gustav F., New York, N. Y. Dilator	810,675	Jan. 23	4215	872	120	1042
Richter, Hans, assignor to Vereinigte Maschinenfabrik Augsburg und Maschinenbau-Gesellschaft Nürnberg A.-G., Nuremberg, Germany. Valve-gear for explosion-engines	813,116	Feb. 20	3194	698	120	2273
Richter, Hans, assignor to Vereinigte Maschinenfabrik Augsburg und Maschinenbau-Gesellschaft Nürnberg A. G., Nuremberg, Germany. Means for regulating explosion-engines driving blast and like apparatus	824,743	July 3	87	17	123	26
Richter, Henry O., Clinton, Mass. Antirefilling bottle	819,169	May 1	250	54	122	62
Richter, Herman A., <i>et al.</i> (See Messig, Walter E., assignor.)						
Richter, Herman F., <i>et al.</i> (See Levaque, Anson S., assignor.)						
Richter, Paul, Tenafly, N. J. Textile covering for walls and other articles	835,765	Nov. 13	1742	372	125	482
Richter, Paul, Tenafly, N. J. Padding and ornamenting burlap or similar fabrics.	837,122	Nov. 27	4468	948	125	1236
Richter, Paul F., Oil City, Pa. Pocket writing-case	839,201	Dec. 25	3816	823	125	2428
Richter, Rudolf, Wilmersdorf, near Berlin, assignor to Siemens-Schuckert Werke G. m. b. H., Berlin, Germany. Device for single-phase collector-motors with compensation-wiring	831,101	Sept. 18	2444	515	124	671
Richwood, Clarence H., Boston, Mass. Vibrator-applicator and connection therefor	819,458	May 1	846	182	122	189
Richwood, Clarence H., Boston, Mass. Applicator for mechanical massage	819,459	May 1	848	182	122	190
Richwood, Clarence H., Boston, Mass. Fluid-actuated vibrator	835,290	Nov. 6	823	172	125	208
Rickabaugh, Justus A., Altoona, assignor of one-half to W. Milligan, Allegheny City, Pa. Portable ice-crusher	812,453	Feb. 13	1885	415	120	1950
Rickard, Charles H. (See Gill, Charles H., assignor.)						
Rickard, Clyde A., Santa Cruz, assignor of one-half to E. E. Briggs, Watsonville, Cal. Watering-trough	839,202	Dec. 25	3818	824	125	2428
Ricke, George H., Cincinnati, Ohio. Bung-bushing	813,990	Feb. 27	4923	1090	120	2701
Ricker, William H., Cambridge, Mass. Hot-air heating system	811,089	Jan. 30	5026	1049-50	120	1252
Ricker, William H., Cambridge, Mass. Combustion apparatus	831,299	Sept. 18	2824	596	124	765
Rickerd, Alfred M., Riley, Pa. Mine-drill	835,832	Nov. 13	1872	396	125	516
Rickerd, Arthur E., Stanley, Wis. Vat-cleaning apparatus	819,803	May 8	1540	327	122	407
Rickerson, Clinton J. G., Colorado Springs, Colo. Automatic switch-throwing device	830,367	Sept. 4	941	195	124	231
Ricketts, Martin. (See Sischo, Frank M., assignor.)						
Ricketts, John M. (See Gillon and Ricketts.)						
Ricketts, Pierre D. (See Cowing, Percy F., assignor.)						
Ricketts, Rolland C., Camp Verde, Ariz. Ter. Liquid-measuring vessel	839,035	Dec. 18	3435	742	125	2289
Rickheit, Henry C., Pittsfield, Mass. Dividers	823,364	June 12	2291	479	122	2276
Rickheit, Henry C., Pittsfield, Mass. Vehicle-wheel	837,885	Dec. 4	1194	264	125	1650
Ricks, George L., Yuma, Ariz. Ter. Insulator	815,471	Mar. 20	3006	627	121	763
Ricksecker, Alva C. (See Smith, Frank L., assignor.)						
Ricksecker, Alva C., <i>et al.</i> (See Smith, Frank L., assignor.)						
Ridd, Ambrose, Newport, Ky. Planishing sheets of metal	808,691	Jan. 2	125	29	120	30
Ridd, Ambrose, Newport, Ky. Apparatus for bluing metal sheets	823,222	June 12	2039	424	122	2223
Ridd, Ambrose, Newport, Ky. Apparatus for rolling plates	831,683	Sept. 25	3613	758	124	1007
Ridd, Ambrose, Newport, Ky. Polishing device for rolls	831,684	Sept. 25	3614	758	124	1007
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Belt	811,794	Feb. 6	492	106	120	1591
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Boring-bar	818,294	Apr. 17	3476	748	121	2230
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Boring and turning mill	834,218	Oct. 23	4654	987	124	2480
Riddell, John, and C. C. M. Mortensen, Schenectady, N. Y. Tool-grinding device	810,381	Jan. 16	3618	744-5	120	874
Ridderhof, Cornel, assignor to Wilmarth & Morman Company, Grand Rapids, Mich. Mandrel-press	829,488	Aug. 28	3675	776	123	2695
Ridderhof, Cornel, and G. M. Johnston, Grand Rapids, Mich. Gas-lamp flashing device	831,473	Sept. 18	3147	666	124	847
Riddle, Allen, Sidney, Ohio. Wrench	835,034	Nov. 6	316	67	125	81
Riddle, Edward C., assignor of two-thirds to H. V. Adix and R. B. Northrup, Portland, Oreg. Envelop and package fastener	837,906	Dec. 4	1236	272	125	1661
Riddle, George W., assignor of one-half to P. Scanlon, Breckenridge, Mo. Horse-releaser	829,088	Aug. 21	2802	589	123	2433
Riddle, Gust A., assignor of two-thirds to J. W. Fritts and C. J. Mathewson, Pittsburg, Pa. Manufacture of brick	817,988	Apr. 17	2869		121	2101
Riddle, James L., Logana, Ky. Logging-wagon	810,980	Jan. 30	4842	1008	120	1212
Riddle, Wilbur H., Fork, Md. Cultivator-tooth gang	838,457	Dec. 11	2357	511-12	125	1983
Rideout, William A., Sr., Oshkosh, Wis. Electrical switch-indicator	820,260	May 8	2518	545	122	624
Rider, Charles H., St. Louis, Mo. Ore-roasting furnace	824,263	June 26	4026	862	122	2769
Rider, Herbert E., assignor to G. A. Walton, New York, N. Y. Steam-generator	820,013	May 8	2014	442	122	512
Rider, John T., Oil City, Pa. Level	811,175	Jan. 30	5219	1091	120	1292
Rider, Oran O., Schenectady, N. Y., assignor to General Electric Company. Interlock for electric switches	836,994	Nov. 27	4209	895	125	1171
Rider, Samuel S., and D. J. O'Donnell, Washington, D. C. Dispensing-receptacle	816,822	Apr. 3	533	115-16	121	1476
Rider, William T., Coxsackie, N. Y. Straightway valve	833,939	Oct. 23	3942	857	124	2308
Ridge, James B., Brooklyn, N. Y. Combined sash-lock and burglar-alarm	819,804	May 8	1541	327	122	407
Ridgely and Johnson Tool Company. (See Mickle, Robert T., assignor.)						
Ridgely Trimmer Company. (See Normand, Joseph M., assignor.)						
Ridgely Trimmer Company. (See Vandermark, John L., assignor.)						
Ridgely Trimmer Company. (See Williams, Harry S., assignor.)						
Ridgway, Frederick J., J. Aynsley, and F. Hancock, Stoke-upon-Trent, England. Device for ornamenting earthenware articles	819,170	May 1	252	55	122	62
Ridgway, Herbert N., Winthrop, Mass. Amusement device	836,708	Nov. 27	3613	770	125	1022
Ridgway, Thos. C. (See Searle, John C., assignor.)						
Ridgway, William H., Coatesville, Pa. Steam hydraulic hoist	833,632	Oct. 16	3279	698	124	2097
Ridings, James E., Salina, Kans. Attachment to road-grading machines	829,605	Aug. 28	3925	831	123	2757
Ridpath, D. B. (See Mobley, Richard, assignor.)						
Riebe, August, Berlin, Germany. Ball-bearing	824,819	July 3	280	50	123	78
Riebe, August, Berlin, Germany. Ball-bearing	824,820	July 3	282	50	123	78
Riebe, August, and P. Brühl, Berlin, Germany. Ball-bearing	820,520	May 15	3052	657	122	801
Riebe, Gustav, Kattowitz, assignor to Firm of Albert Peiser, Breslau, Germany. Type-bar for type-writing machines	822,303	June 5	161	32	122	1764

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Rieche, Friedrich. (See Weise, Rieche, and Barth.)						
Riedel Aktiengesellschaft, J. D. (See Wörner, Emil, assignor.)						
Riedel, John M., assignor to F. Weber & Co., Philadelphia, Pa. Section-liner	826,471	July 17	3585	747	123	937
Riedel, Paul, <i>et al.</i> (See Bartlebaugh, Benjamin C., assignor.)						
Rieder, Richard, Osterwieck, Germany. Dyeing leather	816,378	Mar. 27	4875	1034	121	1217
Rieder, Richard, Osterwieck-on-the-Harz, Germany. Dyeing leather	839,645	Dec. 25	4710	1006	125	2646
Rieff, John G., London, assignor of two-thirds to T. E. Wiedenbeck and C. W. Dobelin, Madison, Wis. Horseshoe heel and toe calk splitting machine	815,311	Mar. 13	2638	551	121	633
Riefflin, George, Rochester, N. Y. Drop-light	829,892	Aug. 28	4521	954	123	2903
Riefsnyder, Charles C., Des Moines, Iowa. Hat and coat hook	833,697	Oct. 16	3405	725	124	2125
Riegel, Samuel S., Washington, D. C. Water-tube boiler	832,419	Oct. 2	808	155-6	124	1406
Riegel, Thomas M., Fullerton, Nebr. Cultivator	814,873	Mar. 13	1746	365-6	121	439
Riegger, Constantin, New York, N. Y. Pipe-collar	828,424	Aug. 14	1476	311	123	2062
Riehl, John B., Philadelphia, Pa. Umbrella notch and runner	837,731	Dec. 4	915	207	125	1583
Riek, Constance A., assignor of one-half to C. H. Schureman, Hermann, Mo. Barrel-stand	813,587	Feb. 27	4139	907	120	2535
Riel, George, Manchester, N. H. Sewing-machine	814,730	Mar. 13	1475	309-10	121	383
Riel, George, Manchester, N. H. Sewing-machine	832,211	Oct. 2	399	73	124	1309
Rieman, Charles A. (See Heim, Adam, assignor.)						
Ries, Moses, Milwaukee, Wis. Lacing device	811,872	Feb. 6	642	141	120	1621
Ries, Oscar M., Toledo, Ohio. Mold	820,014	May 8	2018	442	122	512
Rieske, Edward L., Troy, assignor to G. C. Myers, Dayton, Ohio. Pipe-clamp	809,327	Jan. 9	1442	292	120	351
Richter-Bodmer, Emil H., Kyburg, Switzerland. Manufacture of artificial-stone pipes, tiles, &c. and apparatus therefor	825,243	July 3	1100	232	123	287
Rieth, Julius C., and J. H. Chamberlain, Chicago, Ill. Pneumatic grain-moving apparatus	824,585	June 26	4682	995	122	2909
Riethmüller, Robert, Hanover, Germany. Holder for cravats or ties	814,919	Mar. 13	1821	381	121	455
Rietzel, Adolph F., and G. E. Barstow, assignors to Thomson Electric Welding Company, Lynn, Mass. Automatic electric metal-working machine	821,061	May 22	4172	887-9	122	1107
Riffe, Robert H. (See Brown, Ross D., assignor.)						
Rifled Pipe Company. (See Isaacs and Speed, assignors.)						
Rifled Pipe Company. (See Speed, James B., assignor.)						
Rigby, John H., Liverpool, England. Physical-exercise apparatus	835,035	Nov. 6	317	68	125	81
Riggs, Benjamin G., Kinzua, Pa. Well-tubing clamp	834,537	Oct. 30	5281	1122	124	2684
Riggs, Herman L., Palmyra, assignor to P. S. Riggs, New York, N. Y. Bit attachment	831,102	Sept. 18	2445	516	124	672
Riggs, John D., Pittsburg, Pa. Ventilating-plate	828,247	Aug. 7	1085	228	123	1935
Riggs, Pliny S. (See Riggs, Herman L., assignor.)						
Riggs, Richard M., South Norwalk, Conn. Curtain-fixture	820,131	May 8	2263	492	122	568
Riggsbee, Jordan, Chapel Hill, N. C. Steam-cooker	830,173	Sept. 4	542	111	124	137
Rihl, John A., assignor of two-thirds to A. A. Redifer and T. Matlack, Philadelphia, Pa. Last-block fastener	834,754	Oct. 30	5720	1213	124	2794
Riker, Andrew L., Bridgeport, Conn., assignor to "Locomotive" Company of America, New York, N. Y. Automatic circuit making and breaking device for automobiles and the like	823,811	June 19	3168	670	122	2526
Riker, George W., Russell, Iowa. Wire-stretcher	817,190	Apr. 10	1276	265	121	1702
Riley & Co., Wm. B. (See Young, Edgar E., assignor.)						
Riley, John, Minneapolis, Minn. Grain-door	816,740	Apr. 3	368	85	121	1441
Riley, John P. (See Gately, John H., assignor.)						
Riley, Joseph, Elmira, N. Y. Aerial apparatus	836,709	Nov. 27	3614	770-1	125	1023
Riley, Robert J. (See Sourby and Riley.)						
Riley, Samuel J., Youngstown, Ohio. Friction-clutch	837,732	Dec. 4	917	207	125	1583
Rinaldy, Edward S., New York, N. Y. Door-check	832,420	Oct. 2	811	156	124	1407
Rincker, William, Allegheny, Pa. Curtain-fixture	837,123	Nov. 27	4469	948-9	125	1236
Rindsberg, Joseph, Richmond, Va. Envelop-opener	838,750	Dec. 18	2918	629	125	2164
Rine, George A., Williamsport, Pa. Back-spacing attachment to type-writing machines	812,680	Feb. 13	2326	507	120	2037
Rinehart, Bentley L., Camden, N. J., assignor to Victor Talking Machine Company. Sound-box for talking-machines	810,981	Jan. 30	4844	1008	120	1212
Ring, Edmund, Kingston, Wis. Loading apparatus	817,274	Apr. 10	1449	305	121	1737
Ring, George, Allegheny, assignor of one-third to H. H. Smith, Pittsburg, Pa. Drafting instrument	813,827	Feb. 27	4612	1020	120	2635
Ring Paper Clip Company. (See Hale, Joshua B., assignor.)						
Ringless Supplies Company. (See Cutler, William H., assignor.)						
Ringwood, Thomas R., Auburn, N. Y. Dump-wagon	837,124	Nov. 27	4471	949	125	1236
Rink, William E., Maplewood, assignor of one-half to F. Burke, Newark, N. J. Trimming attachment for sewing-machines	812,153	Feb. 6	1262	276	120	1746
Rinne, Hermann, Essen-on-the-Ruhr, Germany. Device for preventing seasickness on ships, &c.	833,633	Oct. 16	3282	698	124	2098
Rinner, Elijah C., Coshocton, Ohio. Machine for facing corrugated paper	833,243	Oct. 16	2477	519	124	1902
Riordan, Edmund H., Idaho City, Idaho. Speed-indicator	834,079	Oct. 23	4364	927	124	2404
Riordon, Charles E. (See Hutchison, Maurice F., assignor.)						
Riordon, John J., Jr. (See McCarthy, John T., assignor.)						
Riotte, Carl C., Jersey City, N. J. Lubricating mechanism	816,741	Apr. 3	369	86	121	1442
Riotte, Carl C., Jersey City, N. J. Gearing	837,125	Nov. 27	4473	949	125	1236
Ripley, Daniel C., Pittsburg, Pa. Method of and apparatus for the manufacture of hollow articles of glassware	832,212	Oct. 2	400	74	124	1309
Rippe, August, Salt Lake City, Utah. Awning	829,430	Aug. 28	3530	740	123	2660
Ripperger, Albert, New York, N. Y. Apparatus for the therapeutic use of radiant energy	831,103	Sept. 18	2447	516	124	672
Ris, Christopher, Basel, Switzerland. Blue sulfur dye and making same	821,378	May 22	4815	122	122	1251
Risdon Iron & Locomotive Works. (See Postlethwaite, Robert H., assignor.)						
Riser, Rudolph, Chicago, Ill. Spectacle end piece	825,483	July 10	1623	338	123	441
Rishel, Clarence E., Chama, N. Mex. Ter. Reversible eccentric	829,933	Aug. 28	4624	973	123	2931
Rishel, John A., Homestead, Pa. Scale	838,902	Dec. 18	3198	690	125	2230
Rishel, John K., Williamsport, Pa. Extension-table	820,737	May 15	3449	739	122	887
Risk, Loren, Oelwein, Iowa. Automatic line-spacer	834,323	Oct. 30	4879	1033	124	2581
Risley, Edwin H., Utica, N. Y. Magazine-firearm	833,803	Oct. 23	3619	774	124	2224
Risley, Edwin H., Utica, N. Y. Magazine-firearm	833,898	Oct. 23	3856	819-20	124	2285
Risley, Seneca P. (See Edick, Smith, and Risley.)						
Risley, Sheridan. (See Thomas and Gillette, assignors.)						
Ritchel, Charles F., Bridgeport, Conn. Amusement apparatus	835,638	Nov. 13	1518	324	125	428
Ritchey, Charles G., assignor of one-half to B. J. Berney, Altoona, Pa. Fog-signal for steam-railway and electric-railway purposes	827,566	July 31	5955	1235	123	1561
Ritchey, Edward D., Jr., Kahoka, Mo. Shoe-fastener	820,132	May 8	2264	492	122	568
Ritchie, Foster, Acton Hill, London, England. Telautograph apparatus	838,139	Dec. 11	1748	374	125	1833
Ritchie, Frederick A., St. John, Canada. Suspender-hook	811,090	Jan. 30	5027	1050	120	1253

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ritchie, George, North Mount Vernon, Scotland, assignor to Crawley Book Machinery Company, Newport, Ky. Machine for holding, cutting, and ornamenting the edges of books, papers, or cards.	824,671	June 26	4839	1032-3	122	2942
Ritchie, Hazen, Peterboro, Canada. Playing-ball.	818,050	Apr. 17	2904	647	121	2127
Ritter-Conley Manufacturing Company. (See Carpenter, Henry A., assignor.)						
Ritschard, John P., and L. A. Sell, Los Angeles, Cal. Colander for vegetables, &c.	831,187	Sept. 18	2597	547	124	706
Ritschard, William, Columbus, Ohio. Pipe-dressing tool.	812,366	Feb. 13	1712	376	120	1916
Ritschel, Joseph, assignor to Culter and Proctor Stove Company, Peoria, Ill. Ball-bearing firing grate or grate member.	835,470	Nov. 6	1185	255	125	298
Ritten, Louis N., Estherville, Iowa. Poison-bottle stopper.	810,676	Jan. 23	4218	873	120	1034
Rittenhouse, Thomas J. (See Tverdahl, Ole, assignor.)						
Ritter, Franz, Servitut, near Polnisch-Rasselwitz, Germany. Spade.	827,884	Aug. 7	377	80	123	1763
Ritter, Georg, Stuttgart, Germany. Telephone or telegraph system.	814,478	Mar. 6	968	199	121	211
Ritter, Gilbert P., Chicago, Ill. Draft-gear for railway-cars.	839,203	Dec. 25	3820	824	125	2429
Ritter, Isaac B., Philadelphia, Pa. Safety device for elevators.	809,076	Jan. 2	905	190-1	120	200
Ritter, Isaac B., Philadelphia, Pa. Safety device for elevators.	838,213	Dec. 11	1889	405-6	125	1869
Ritter, John L., Shenandoah, Va., assignor of one-half to M. D. Jones, Brooklyn, N. Y. Egg-tester.	835,639	Nov. 13	1520	324-5	125	428
Ritter, Philip T., St. Louis, Mo. Baby holding and walking device.	823,812	June 19	3170	670	122	2526
Rittmeyer, Franz, Appenzell, Switzerland. Device for indicating at a distance the height of a water-level.	827,182	July 31	5128	1065	123	1361
Ritts, Collins, Shingleton, Cal. Saw-tool.	811,439	Jan. 30	5716	1197	120	1398
Ritts, J., et al. (See Stirling, Joseph C., assignor.)						
Ritz, August N., Milwaukee, Wis. Paste-jar brush.	810,436	Jan. 23	3753	773	120	938
Rivard, Hubert N., assignor to La Compagnie de Laiterie St. Laurent, Montreal, Canada. Cream pasteurizer and cooler.	824,147	June 26	3789	809-10	122	2718
Rivard, John D., Los Angeles, Cal. Smelting-furnace.	824,383	June 26	4257	907	122	2816
Riveroll, Elfege, Los Angeles, Cal. Furnace for smelting ores.	820,133	May 8	2265	492	122	568
Riveroll, Elfege, Los Angeles, Cal. Smelting ores.	820,134	May 8	2269	493	122	569
Rivers, Francis M., Lake Butler, Fla. Cultivating-plow.	829,802	Aug. 28	4342	918	123	2860
Rivers, Julian H., assignor to Hydro-Press Manufacturing Company, St. Louis, Mo. Fumigating material and making same.	813,323	Feb. 20	3609	792	120	2359
Rivet, Louis J. R., New Orleans, La. Spoon-holder.	832,421	Oct. 2	812	156	124	1408
Rivett, Edward, Boston, Mass. Ball-bearing.	825,417	July 10	1496	310	123	408
Rivett, Edward, Boston, Mass. Ball-bearing.	825,418	July 10	1497	310	123	408
Rivett, Joseph P., Denver, Colo. Printer's galley.	815,980	Mar. 27	4040	855	121	1036
Rivierre, Louis C. G., Paris, France. Transmission mechanism for motor-cycles.	811,327	Jan. 30	5514	1149	120	1357
Rix, Benjamin F. (See Howe, Rix, and Holden.)						
Rix, Edward A., San Francisco, Cal. Rock-drill.	813,828	Feb. 27	4614	1021	120	2635
Rixson, Oscar C., New York, N. Y. Double-acting door-check.	833,940	Oct. 23	3944	838	124	2308
Roach, Albert C. (See Roach, W. G. and A. C.)						
Roach, Arland B., assignor to C. E. Dofflemeyer and D. F. McKinney, Los Angeles, Cal. Cheese-cutter.	823,138	June 12	1834	378	122	2175
Roach, Arland B., Los Angeles, and A. J. Hodge, Pasadena, assignors to C. E. Dofflemeyer and D. F. McKinney, Los Angeles, Cal. Cheese-cutter.	823,227	June 12	2041	424	122	2223
Roach, David C., et al. (See Martin, George W., assignor.)						
Roach, Edward, Chesterfield, England. Fluid-pressure engine.	818,121	Apr. 17	3136	674	121	2158
Roach, Finis E., Chicago, Ill. Automatic regulating means for furnaces.	825,615	July 10	1918	406-7	123	509
Roach, Finis E., Chicago, Ill. Pyro-electric furnace.	838,647	Dec. 18	2734	586-7	125	2118
Roach, Frank. (See Dodd, Clarence, assignor.)						
Roach, James W., assignor of one-half to C. E. Hildebrand, Stroud, Okla. Ter. Display-rack.	824,083	June 19	3680	783	122	2636
Roach, Joseph B., et al. (See Anderson, Swan, assignor.)						
Roach, Patrick F., Westfield, Mass., assignor of one-fifth to W. M. Curran, Hartford, Conn. Tooth-cleaning device.	827,121	July 31	4960	1035	123	1314
Roach, Thomas W., Lyman, Wash. Device for dressing saws.	818,195	Apr. 17	3293	704	121	2192
Roach, William, Roswell, S. D. Car-drafter.	817,518	Apr. 10	1936	408	121	1841
Roach, William G., Cincinnati, Ohio, and A. C. Roach, Newport, Ky., assignors, by mesne assignments, to Cincinnati Chrome Leather Company, Cincinnati, Ohio. Tanning hides, skins, and the like.	839,204	Dec. 25	3822		125	2429
Roach, William G., Cincinnati, Ohio, and A. C. Roach, Newport, Ky., assignors to Cincinnati Chrome Leather Company, Cincinnati, Ohio. Tanning hides.	839,205	Dec. 25	3824		125	2430
Roach, William G., Cincinnati, Ohio, and A. C. Roach, Newport, Ky., assignors to Cincinnati Chrome Leather Company, Cincinnati, Ohio. Tanning hides.	839,206	Dec. 25	3825		125	2430
Roatch, Frank, Newberry, Mich. Boiler-flue cutter.	819,598	May 1	1099	242	122	747
Robart, Albert. (See Carleton, Oscar M., assignor.)						
Robarts, Heber, assignor of one-half to F. S. Haeberle, St. Louis, Mo. Suppository.	813,829	Feb. 27	4615	1021	120	2636
Robb, John W., Harnarville, Pa. Combination sweeper and mower.	829,803	Aug. 28	4343	918	123	2860
Robb, Lewis J. (See Blair and Robb.)						
Robb, Lewis J. (See Mason and Robb.)						
Robb, Lewis J. (See Patterson and Robb.)						
Robb, Lewis J., assignor to Heyl & Patterson, Incorporated, Pittsburg, Pa. Trip-feeder for car-hauls.	831,241	Sept. 18	2700	567-8	124	732
Robb, William, Waltham, Mass. Bread and cake dough mixer.	817,804	Apr. 17	2495	534	121	2016
Robbe, Jefferson G., Canon City, assignor to W. P. Nolan, Denver, Colo. Reversible window-sash.	838,585	Dec. 18	2612	563	125	2089
Robbel, Oscar, Kenosha, Wis. Gas-mixer.	822,771	June 5	1075	221	122	1964
Robbin, Frederick, New York, N. Y. Carbonating apparatus.	827,567	July 31	5856	1235	123	1562
Robbin, Frederick, New York, N. Y. System of regulating fluid-pressures.	833,002	Oct. 9	1973	412	124	1727
Robbins, Alexander, Kalamazoo, Mich. Spacing and dividing instrument.	819,926	May 8	1774	382	122	460
Robbins, Cordilleras L., Pekin, Ill. Grain-car door.	811,091	Jan. 30	5028	1050	120	1253
Robbins, David W., New York, N. Y. Line-fastener.	810,306	Jan. 16	3444	712	120	835
Robbins, Edward P., assignor of one-half to H. E. Homberger, Mansfield, Ohio. Switch.	818,561	Apr. 24	4023	863	121	2399
Robbins, Ira, assignor, by mesne assignments, to W. H. Roth, Philadelphia, Pa. Tag-stringing machine.	834,756	Oct. 30	5723	1214-17	124	2794
Robbins, Issachar, Wilkes-Barre, Pa. Mold.	828,140	Aug. 7	894	184	123	1891
Robbins, Jacob H. (See Sauvé, Stanislaus H., assignor.)						
Robbins, Leon R. (See Sprague and Robbins.)						
Robbins, Leroy K., St. Louis, Mo. Well-drilling machine.	834,642	Oct. 30	5506	1169	124	2740
Robbins, W. W. (See Hornish, Harry C., assignor.)						
Robbins, William A., and B. S. Hyatt, Vinita, Ind. Ter. Type-writing machine.	814,623	Mar. 6	1238	261	121	268
Robbins, Willis C. (See Weis and Robbins.)						
Robby, William C., assignor to M. Rumely Company, Laporte, Ind. Clover-huller.	816,823	Apr. 3	542	116	121	1477
Robedee, William L., Elbridge, assignor of one-half to R. M. Cornwell, Syracuse, N. Y. Gun-barrel for shotguns.	833,484	Oct. 16	2992	635	124	2029
Robert, Charles T., Turners Falls, Mass. Bolt heading and bending machine.	827,568	July 31	5959	1235-6	123	1562

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Robert Dempster & Sons. (See Broadhead and Ordish, assignors.)						
Robert, Eugen, Frankfort-on-the-Main, Germany. Gearing	833,088	Oct. 9	2135	449	124	1769
Robert Gair Company. (See Beattie, James G., assignor.)						
Robert Gair Company. (See Huether, Jacob, assignor.)						
Robert, Jacques, Algiers, Algeria. Water-tube locomotive-boiler	812,681	Feb. 13	2327	508-9	120	2037
Robert Mitchell Machinery Co. (See Smith, Frank F., assignor.)						
Robert P. Brown Manufacturing Company. (See Brown, William W., assignor.)						
Robert, Thomas, <i>et al.</i> (See Fuller, Eugene, assignor.)						
Roberts, Albert E., Norwalk, Ohio. Wire fence.....	818,710	Apr. 24	4331	929	121	2468
Roberts, Albert E., Norwalk, Ohio. Overshoe.....	838,751	Dec. 18	2919	629	125	2164
Roberts, Albert E., Norwalk, assignor to N. P. Bowler, Cleveland, Ohio. Overshoe.....	808,948	Jan. 2	645	141	120	142
Roberts, Albert S., Hillsboro, Ill. Pocket-knife.....	824,148	June 26	3792	810	122	2719
Roberts, Charles E. (See Pearson and Roberts.)						
Roberts, Charles F., Colorado Springs, Colo. Apple-corer.....	820,015	May 8	2019	442	122	513
Roberts, Charles L., Foxlake, assignor of one-half to J. S., T. B., and S. W. Rowell, W. H. Stacy, B. S. Barber, Beaver Dam, Wis., B. M. and L. W. Barber, Chicago, Ill., and C. H. Gangelhoff, Minneapolis, Minn. Draft-equalizer.....	836,142	Nov. 20	2460	517	125	709
Roberts, Charles V., Philadelphia, Pa. Valve.....	819,378	May 1	703	148-9	122	160
Roberts Chemical Company. (See Roberts, Isaiah L., assignor.)						
Roberts, David, and C. James, Grantham, England. Means for governing oil-engines..	832,422	Oct. 2	813	156	124	1408
Roberts, Edgar, East St. Louis, Ill. Pneumatic-tube service.....	839,646	Dec. 25	4712	1007	125	2646
Roberts, Ellwood W., Philadelphia, Pa., assignor, by mesne assignments, to Roberts Manufacturing Company, Incorporated. Filter.....	809,463	Jan. 9	1739	359-60	120	416
Roberts, Ernest L. (See Roberts, Griffith W. and E. L.)						
Roberts, Frank C., Philadelphia, Pa. Furnace-charging apparatus.....	829,544	Aug. 28	3799	806-7	123	2727
Roberts, Frank P. (See Wescott, Charles O., assignor.)						
Roberts, Frank P. (See Wescott and Roberts.)						
Roberts, Fred E., Portland, Me. Toy.....	830,007	Sept. 4	189	33	124	46
Roberts, George H., Richburg, N. Y. Fruit-gatherer.....	816,186	Mar. 27	4475	947	121	1132
Roberts, George W., Ravenna, Nebr. Cement building-block.....	822,078	May 29	6182	1317	122	1611
Roberts, George W., Lemoore, Cal. Tank-indicator.....	824,672	June 26	4841	1033	122	2943
Roberts, Griffith W. and E. L., Poultney, Vt. Gage.....	824,821	July 3	283	50	123	79
Roberts, Harvey H., Lexington, Ky. Electric-light-bath cabinet.....	834,755	Oct. 30	5721	1213-14	124	2794
Roberts, Henry, Pasadena, Cal. Grapnel.....	839,036	Dec. 18	3437	742	125	2290
Roberts, Henry F., New York, N. Y. Sound-recording device.....	816,742	Apr. 3	371	86	121	1442
Roberts, Henry F., assignor to C. F. Howe, Boston, Mass. Safety-envelop.....	811,092	Jan. 30	5029	1050	120	1253
Roberts, Homer J., Evanston, Ill. Telephone apparatus.....	837,251	Nov. 27	4706	998	125	1294
Roberts, Isaiah L., assignor of one-half to J. T. Morehead, New York, N. Y. Metallurgical furnace.....	821,830	May 29	5720	1219	122	1506
Roberts, Isaiah L., assignor to Roberts Chemical Company, New York, N. Y. Electrolytic diaphragm.....	831,474	Sept. 18	3150	667	124	847
Roberts, Jacob W., <i>et al.</i> (See Frimmer, William H., assignor.)						
Roberts, James I., Sparta, Ga. Cotton-chopper.....	810,811	Jan. 23	4472	929	120	1098
Roberts, John C. (See Puffer, Charles J., assignor.)						
Roberts, John E., assignor of one-half to R. Carnahan, Jr., Onedia, Ky. Locomotive-engine.....	808,685	Jan. 2	118	27	120	29
Roberts, John G., Detroit, Mich., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephonic apparatus.....	815,380	Mar. 20	2825	588-9	121	721
Roberts, John G., Evanston, assignor to Western Electric Company, Chicago, Ill. Central-energy system for telephone-exchanges.....	835,868	Nov. 13	1934	409	125	528
Roberts, John J. (See Welch and Roberts.)						
Roberts, Lewis A., Carbondale, Pa. Dough mixing and kneading apparatus.....	830,174	Sept. 4	543	111	124	138
Roberts Manufacturing Company. (See Roberts, Ellwood W., assignor.)						
Roberts, Mark. (See Monville and Roberts.)						
Roberts, Marshal G. (See Lindner and Roberts.)						
Roberts, Milton A., Chicago, Ill. Wall-paper pasting and cutting device.....	830,616	Sept. 11	1463	303	124	392
Roberts, Otis, Winfield, Kans. Amusement apparatus.....	812,595	Feb. 13	2176	475	120	2009
Roberts, Robert G., Minneapolis, Minn. Vehicle.....	828,970	Aug. 21	2557	541	123	2368
Roberts, Robert J. (See Hunt and Roberts.)						
Roberts, Samuel C., assignor to Automatic Game Table Company, Springfield, Mass. Game-table.....	820,367	May 8	2715	592	122	668
Roberts, Samuel D. (See Fern and Roberts.)						
Roberts, Samuel T., Springfield, Mo. Strap.....	815,216	Mar. 13	2454	512	121	459
Roberts, Sydney, Rugby, England. Combination-tool for bricklaying.....	831,104	Sept. 18	2448	516-17	124	672
Roberts, Thos. G. (See Askins, James M., assignor.)						
Roberts Water Heater Company. (See Roberts, William H., assignor.)						
Roberts, William F., Nashville, Tenn. Block.....	811,440	Jan. 30	5717	1197	120	1398
Roberts, William G. (See Johnson, Gustaf F., assignor.)						
Roberts, William H., assignor to Roberts Water Heater Company, Oakland, Cal. Domestic water-heater.....	817,589	Apr. 10	2068	435	121	1867
Roberts, William L., Norfield, Miss. Lock-nut.....	811,093	Jan. 30	5030	1051	120	1253
Roberts, William N., and H. B. Mathews, Ansonia, Ohio. Lantern-holder.....	819,805	May 8	1543	328	122	407
Roberts, William N., and H. B. Mathews, Ansonia, Ohio. Lamp and lantern holder.....	835,036	Nov. 6	319	69	125	82
Roberts, Willis H. (See Chase, Newton D., assignor.)						
Roberts, Wilson T., Greenville, Ohio. Detachable hinge.....	831,801	Sept. 25	3824	801	124	1061
Robertshaw, William H., East Orange, N. J. Gasolene-dispensing can.....	817,391	Apr. 10	1678	354	121	1787
Robertson, Alonzo P., Rochester, assignor to W. F. Cowham, Jackson, Mich. Method of and machine for forming cement posts.....	817,670	Apr. 10	2206	471	121	1897
Robertson, Andrew G., Philadelphia, assignor to Thomas L. Leedom Company, Bristol, Pa. Woven pile fabric.....	812,596	Feb. 13	2178	476	120	2009
Robertson, Andrew G., Philadelphia, and J. H. Robertson, Cheltenham, Pa.; said J. H. Robertson assignor to said Andrew G. Robertson. Loom for weaving pile fabric.....	823,698	June 19	2959	626	122	2480
Robertson, Archibald J., Chicago, Ill. Wheel.....	821,886	May 29	5806	1237	122	1524
Robertson, Archibald J., Chicago, Ill. Automobile-wheel.....	828,863	Aug. 14	2331	496	123	2280
Robertson, David N., assignor to W. and E. W. La Croix, Lynn, Mass. Skiving-machine.....	838,903	Dec. 18	3200	691	125	2231
Robertson, Edwin B., East Norwalk, Conn. Reversing mechanism for explosive-engines.	811,955	Feb. 6	847	187	120	1661
Robertson, Frederick H., Wichita, Kans. Golf-stick.....	823,082	June 12	1724	354	122	2152
Robertson, James. (See Hite and Robertson.)						
Robertson, James, Woburn, and J. S. Delaney, Somerville, Mass. Instrument for measuring leather, &c.....	833,941	Oct. 23	3947	838	124	2310
Robertson, James C. (See Gray, William, assignor.)						
Robertson, James D., assignor to Thames Arms Company, Norwich, Conn. Ejector mechanism for revolvers.....	816,125	Mar. 27	4350	922	121	1105
Robertson, James H., New York, assignor to W. D. Elger, Brooklyn, N. Y. Plate for secondary batteries.....	835,229	Nov. 6	704	145	125	178

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Robertson, James L., Jr., New York, N. Y. Indicator reducing-wheel.	815,038	Mar. 13	2087	438	121	510
Robertson, James P., North Sydney, near Sydney, New South Wales, Australia. Electrical fire-alarm apparatus.	820,823	May 15	3641	777-9	122	930
Robertson, James S., and R. B. Richardson, Jr., Paducah, Ky. Switch-stand.	827,326	July 31	5391	1120	123	1425
Robertson, John H. (See Robertson, Andrew G. and J. H.)						
Robertson, John J., Washington county, Ind. Hog and cattle holder.	831,105	Sept. 18	2449	517	124	673
Robertson, Joseph W., Hot Springs, Va. Car-coupling.	821,539	May 22	5120	1090	122	1316
Robertson, Lawrence A., New York, N. Y. Non-refillable bottle.	835,081	Nov. 6	423	85	125	112
Robertson, Malva M., Des Moines, Iowa. Mold for cement construction-blocks.	810,382	Jan. 16	3621	745	120	875
Robertson, Newton K. (See Stapp and Robertson.)						
Robertson, Norman A., New York, N. Y. Apparatus for extruding metals.	814,731	Mar. 13	1477	310-11	121	383
Robertson, Norman A., New York, N. Y. Apparatus for extruding metals.	814,732	Mar. 13	1480	311	121	384
Robertson, Oliver T., Milford, Ohio. Combination hand mouth-mirror and chip-blower and flushing and spraying device.	838,648	Dec. 18	2739	587	125	2120
Robertson, Peter L., Canfield, Canada. Combination-tool.	815,351	Mar. 20	2837	589-90	121	724
Robertson, Richard. (See Howard, Oscar, assignor.)						
Robertson, William, Chicago, Ill. Mattress.	811,094	Jan. 30	5031	1051	120	1253
Robertson, William, Chicago, Ill. Material and cinder-pit elevator.	822,153	May 29	6327	1346	122	1644
Robertson, William, Oakmont, Pa. Golf-club.	835,735	Nov. 13	1680	357	125	468
Robertson, William W., Benton, Mo. Tobacco-pipe.	839,207	Dec. 25	3827	824	125	2430
Robeson, Anthony M., Johannesburg, Transvaal, and C. A. Bettington, Boston, Mass. Furnace for burning pulverized fuel and other substances.	817,989	Apr. 17	2870	621-2	121	2101
Robeson, Anthony M., Johannesburg, Transvaal, and C. A. Bettington, Boston, Mass. Burning fuel and other materials.	817,990	Apr. 17	2875	622	121	2102
Robeson, Jacob S., Camden, N. J. Treating waste sulfite liquor and compound obtained.	833,634	Oct. 16	3283		124	2098
Robichaux, Leonard J., N. Caillouet, and H. F. Delhay, Charenton, La. Rail-joint.	812,296	Feb. 13	1598	351	120	1890
Robidoux, Eli, Springfield, Mass. Elevating device.	813,830	Feb. 27	4615	1021	120	2636
Robin, Max, New York, N. Y. Washtub.	815,472	Mar. 20	3007	627	121	763
Robins Conveying Belt Co. (See Baldwin, Clarence K., assignor.)						
Robins Conveying Belt Co. (See Baldwin and Robins, assignors.)						
Robins Conveying Belt Company. (See Moss, Lincoln, assignor.)						
Robins Conveying Belt Company. (See Robins, Thomas, Jr., assignor.)						
Robins Conveying Belt Company. (See Robins and Hersh, assignors.)						
Robins, Thomas, Jr. (See Baldwin and Robins.)						
Robins, Thomas, Jr., assignor to Robins Conveying Belt Company, New York, N. Y. Belt conveyor.	810,510	Jan. 23	3904	803	120	975
Robins, Thomas, Jr., and E. E. Hersh, assignors to Robins Conveying Belt Company, New York, N. Y. Drive for conveyers.	828,341	Aug. 14	1317	279	123	2021
Robinson, Aaron J., Fremont, N. H. Grinding-mill disk.	819,599	May 1	1100	242	122	247
Robinson, Arthur, Clear Lake, Minn. Mail-case.	817,003	Apr. 3	915	189	121	1561
Robinson, Arthur W., Montreal, Quebec, Canada. Friction-clutch.	834,936	Nov. 6	115	23	125	33
Robinson, Benjamin F. (See Vinson and Robinson.)						
Robinson, Charles W., Athens, Tex. Corn-planter.	835,640	Nov. 13	1522	325	125	428
Robinson Company. (See Robinson, Frank, assignor.)						
Robinson, Cyrus E., Goldenridge, Me. Fence-post.	823,441	June 12	2432	512	122	2305
Robinson, Daniel C., Ambridge, Pa. Circular planer.	831,893	Sept. 25	4044	842	124	1115
Robinson, Daniel E., Otego, N. Y. Fish-hook.	814,624	Mar. 6	1244	262	121	269
Robinson, Dwight W., Albion, Mich. Carpet-sewing machine.	826,275	July 17	3210	666	123	844
Robinson, Edwin W., Punxsutawney, Pa. Rail-bond.	823,292	June 12	2162	451	122	2248
Robinson, Ernest C., West Hartlepool, England. Vessel propelled by steam.	817,519	Apr. 10	1938	409	121	1841
Robinson, Eugene M., Chicago, Ill. Phonograph.	813,670	Feb. 27	4296	945-6	120	2569
Robinson, Eugene M., Chicago, Ill. Phonograph tone-regulator.	831,188	Sept. 18	2599	547	124	706
Robinson, Frank, New York, N. Y., assignor to Robinson Company, Bangor, Me. Exhaust for locomotives.	819,806	May 8	1545	328	122	407
Robinson, Frank, assignor to Robinson Company, Bangor, Me. Air-strainer.	834,937	Nov. 6	117	23	125	33
Robinson, Frank T., assignor to D. E. Reed and F. W. Moser, Chicago, Ill. Binder for bottle-stoppers and the like.	824,507	June 26	4513	958	122	2872
Robinson, Franklin J. (See Gilbert, Henry K., assignor.)						
Robinson, George, and G. Cutsforth, Riddles, Oreg. Mowing-machine.	838,904	Dec. 18	3205	692	125	2232
Robinson, George A. (See Hope and Robinson.)						
Robinson, George R., Bienville, La. Cotton-chopper.	817,339	Apr. 10	1562	329	121	1761
Robinson, George W., Portalegre, Portugal. Roller for washing, wringing, mangling, and other similar machines.	822,772	June 5	1075	221	122	1964
Robinson, George W., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Spring-dial scale.	828,248	Aug. 7	1086	229	123	1935
Robinson, Grant W., Lodi, Wis. Garden implement.	820,601	May 15	3194	687	122	832
Robinson, Hanson, assignor to American Foundry & Machine Company, Hanover, Pa. Metal-planing machine.	822,985	June 12	1497	311	122	2104
Robinson, Harry C., Muncy, Pa. Grinding-mill.	823,365	June 12	2294	480	122	2276
Robinson, Harry J., Mount Vernon, N. Y. Drain-pipe.	830,175	Sept. 4	546	111	124	138
Robinson, Henry, et al. (See Sperry, Henry B., assignor.)						
Robinson, Henry, Brooklyn, N. Y. Machine for peeling vegetables.	809,582	Jan. 9	1962	408	120	463
Robinson, Henry, assignor to O. Heyman, New York, N. Y. Machine for capping bottles.	828,055	Aug. 7	728	149	123	1851
Robinson, Henry A. (See Iman and Robinson.)						
Robinson, Henry C. (See Hazlewood and Robinson.)						
Robinson, Henry R., Richmond, Ind. Separator-tooth.	811,441	Jan. 30	5719	1197	120	1399
Robinson, James. (See McPhee, Claud D., assignor.)						
Robinson, James, Leeds, England. Stop-valve for steam and other fluids.	826,276	July 17	3213	666	123	845
Robinson, James F. (See Noble, Edward J., assignor.)						
Robinson, James R., Dublin, Ga. Baling-press.	808,780	Jan. 2	322	69-70	120	72
Robinson, John R., Elmira, N. Y. Fountain-pen.	815,217	Mar. 13	2455	512	121	595
Robinson, John R., Elmira, N. Y. Fountain-pen.	815,218	Mar. 13	2457	512	121	595
Robinson, Jonathan J., Bloomsburg, Pa. Loading apparatus.	833,139	Oct. 9	2240	472	124	1797
Robinson, Lee A. (See Bible and Robinson.)						
Robinson, Lee A., and H. Bible, Sherman, Tex. Solid-rim wood column.	813,450	Feb. 27	3864	847	120	2473
Robinson, Leonard G., New York, N. Y. Foot-ball card game.	817,191	Apr. 10	1781	265	121	1703
Robinson, Pearl H., assignor to O. K. Tool Holder Company, Shelton, Conn. Tool-holder.	810,307	Jan. 16	3445	712	120	835
Robinson, Richard H., Dawlish, England. Apparatus for launching ships' boats.	813,915	Feb. 27	4781	1056	120	2672
Robinson, St. Elmo, Arlington, Oreg. Animal-shears.	812,882	Feb. 20	2724	599	120	2169
Robinson, William A., Woonsocket, assignor to Manville Company, Providence, R. I. Textile article provided with lapet figures and producing the same.	820,602	May 15	3196	687	122	833
Robinson, William E., Salem, Ind. Variable-speed gear.	839,512	Dec. 25	4435	946	125	2580
Robinson, William H., The Dalles, Oreg. Spring draft attachment for vehicles.	837,886	Dec. 4	1195	264-5	125	1650

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Robinson, William H., assignor of one-half to W. J. Harriman, The Dalles, Oreg. Coup-ling.	831,524	Sept. 18	3250	685	124	874
Robinson, William H., Steinway, N. Y., assignor, by mesne assignments, to himself, and W. M. Hanes, Winston Salem, N. C. Down-separating apparatus.	819,171	May 1	253	55	122	62
Robinson, William H., Steinway, N. Y., assignor, by mesne assignments, to himself, and W. M. Hanes, Winston Salem, N. C. Apparatus for stuffing down into quilts.	829,738 837,733	Aug. 28 Dec. 4	4202 920	890 208	123 125	2823 1584
Robinson, William P., Henderson, Ky. Barrel-press.	830,368	Sept. 4	943	195	124	232
Robinson, William T., Toronto, Ontario, Canada, assignor of one-half to H. A. Bateman, Aberdeen, S. D. Cuff-holder.	836,343	Nov. 20	2867	609	125	809
Robinson, William V., assignor to Art Stove Company, Detroit, Mich. Stove.	813,916	Feb. 27	4783	1056	120	2673
Robison, Clarence W., Juniata, Pa. Marking-gage.	831,242	Sept. 18	2702	568	124	733
Robison, Samuel C., assignor of eleven-twentieths to T. G. and W. G. Wigglesworth, Lexington, Ky. Hemp-brake.	839,208	Dec. 25	3829	825	125	2431
Robson, John, Wallsend, England. Ammonia-vaporizer.	816,743	Apr. 3	373	86-7	121	1442
Roby, Henry W. (See Hinman and Spencer, assignors.)						
Roche, James, assignor to Eagle Lock Co., Terryville, Conn. Suit-case lock.	836,536	Nov. 20	3252	692	125	900
Roche, Thomas. (See Buckley, McGinn, and Rogan, assignors.)						
Roche, William H., St. Louis, Mo. Device for connecting structural parts.	831,377	Sept. 18	2969	631	124	800
Roche, William J., assignor of one-half to E. F. Bittner, New Bethlehem, Pa. Game.	836,537	Nov. 20	3253	692	125	901
Rochester Optical Company. (See De Calesta, Ivoe, assignor.)						
Rochet, Jean, Lons-le-Saulnier, France. Head and nape covering.	822,986	June 12	1500	312	122	2105
Rochford, George H., and F. A. Hotson, Austin, Minn. Thresher-leveling device.	828,506	Aug. 14	1642	346	123	2106
Rowch, Ferdinand J., Brooklyn, N. Y. Rotary pump, compressor, motor, engine, and like machinery.	819,674 839,322	May 1 Dec. 25	1255 4054	273-4 869-70	122 125	282 2487
Rock, Charles L., Fall River, Kans. Washing-machine.	817,192	Apr. 10	1281	266	121	1703
Rock, Everett D., Nutsville, Va. Variable sawmill-feed.	825,865	July 10	2427	506	123	639
Rock Island Battery Company. (See Jäger, Carl, assignor.)						
Rock Island Plow Company. (See Pennock and Johnson, assignors.)						
Rock, Montague C., Sunnyside, England. Tripod-head.	812,233	Feb. 13	1458	319	120	1858
Rock, Stefan, Budapest, Austria-Hungary. Automatic fuel-feeding furnace.	837,887	Dec. 4	1197	265	125	1651
Rocke, Christian. (See Hile and Rocke.)						
Rocke, John, Meadows, Ill. Wagon-jack.	836,829	Nov. 27	3862	823-4	125	1088
Rockett, Thomas T., Philadelphia, Pa. Range.	825,351	July 10	1323	279	123	362
Rockmore, Samuel I., New York, N. Y. Fireproof door.	837,734	Dec. 4	921	208	125	1584
Rockstroh, Charles F., assignor to Rockstroh Manufacturing Company, Brooklyn, N. Y. Stereotype-plate holder.	809,399	Jan. 9	1611	327	120	388
Rockstroh, Charles F., assignor to Rockstroh Manufacturing Company, Brooklyn, N. Y. Printing-plate holder.	811,328	Jan. 30	5516	1149-50	120	1357
Rockstroh Manufacturing Company. (See Rockstroh, Charles F., assignor.)						
Rockstroh, Max, Dresden-Heidenau, Germany. Safety device for two-revolution printing-presses.	809,748 824,673	Jan. 9 June 26	2292 4842	474 1033	120 122	536 2943
Rockwell, Byrd C., Gifford, Ark. Hollow mortising-chisel.	808,686	Jan. 2	120	28	120	29
Rockwell, Byrd C., Perla, Ark., assignor to Rockwell Manufacturing Co. Window-screen fastening.	809,630	Jan. 9	2067	429	120	485
Rockwell, Edward D., Bristol, Conn. Trolley attachment.						
Rockwell, Frederick C. (See Wickham, Rockwell, and Shepard.)						
Rockwell, Frederick C. (See Wickham, Shepard, and Rockwell.)						
Rockwell, Hubert R., Chattanooga, assignor of one-half to J. L. Price, Knoxville, Tenn. Vehicle-spring.	827,569 832,700	July 31 Oct. 9	5960 1373	1236 277	123 124	1562 1583
Rockwell, Joseph H., Providence, R. I. Violoncello-support.	838,649	Dec. 18	2741	587	125	2120
Rockwell, Lucius A., and J. J. Linden, New York, N. Y.; said Linden assignor to said Rockwell. Dough-breaker.	818,196	Apr. 17	3294	704	121	2192
Rockwell Manufacturing Co. (See Rockwell, Byrd C., assignor.)						
Rockwood, George I., Worcester, Mass. Fitting for automatic sprinklers.	826,611	July 24	3961	820	123	1054
Rockwood, William M., Indianapolis, Ind. Pulley.	821,379	May 22	4817	1023	122	1251
Rodberg, John, Marquissville, Iowa. Rotary engine.	830,673	Sept. 11	1588	327-8	124	426
Rodd, Robert J., Cuyahoga Falls, Ohio. Feeding device.	828,682	Aug. 14	1979	418	123	2191
Rodd, Robert J., Cuyahoga Falls, Ohio. Bolt-trimming machine.	835,255	Nov. 6	763	160	125	193
Roddy, John W., Washington, D. C. Resilient vehicle-wheel.	814,479	Mar. 6	973	199	121	212
Rodefald, George H. (See Behrmann and Rodefald.)						
Rodemeyer, Henry F., Sterling, assignor to Sterling Manufacturing Company, Rock Falls, Ill. Hay-rake.	828,571	Aug. 14	1778	375	123	2141
Roderick, Charles, Woodstock, assignor to Oliver Typewriter Company, Chicago, Ill. Lateral lock for carriage shift-frames.	829,089	Aug. 21	2803	589	123	2433
Roderick, Genevieve G. (See Roderick, Joseph and G. G.)						
Roderick, Joseph and G. G., New York, N. Y. Burglar-alarm.	813,917	Feb. 27	4784	1057	120	2673
Roderick Lean Mfg. Co. (See Goss, George W. and C. E., assignors.)						
Rodery, Leo B., Rector, Ark. Window-sash.	816,187	Mar. 27	4476	948	121	1132
Rodes, Benjamin F., Echo, Oreg. Tool-holder.	830,176	Sept. 4	547	112	124	139
Rodger Ballast Car Company. (See Hart, Meissner, and Neikirk, assignors.)						
Rodger Ballast Car Company. (See Hart and Neikirk, assignors.)						
Rodger Ballast Car Company. (See Hart, Neikirk, and Cameron, assignors.)						
Rodger Ballast Car Company. (See Hart and Yost, assignors.)						
Rodger Ballast Car Company. (See Meissner, Otto W., assignor.)						
Rodger Ballast Car Company. (See Meissner and Yost, assignors.)						
Rodgers, A. N., et al. (See Miles, Joseph F., assignor.)						
Rodgers, Amorius, et al. (See Conley, Charles M., assignor.)						
Rodgers, Clarence F., Conneaut, Ohio. Dental and surgical lamp.	811,442	Jan. 30	5719	1198	120	1399
Rodgers, Clarence F., Conneaut, Ohio. Collar-button.	811,443	Jan. 30	5720	1198	120	1399
Rodgers, Louis E., Chicago, Ill. Rail-clip.	813,738	Feb. 27	4417	974	120	2594
Rodgers, Mack, Gravette, Ark. Fruit-drier.	818,916	Apr. 24	4730	1015	121	2554
Rodgers, Stephen D., St. Louis, Mo. Bottle neck and stopper.	816,744	Apr. 3	374	87	121	1443
Rodgers, W. J., et al. (See Burkins, Eugene, assignor.)						
Rodgers, William S. S. (See Shobe, Jacob S., assignor.)						
Rodges, Henry G., Westbourne Park, London, England. Machine for paring and finishing boots and shoes.	827,570	July 31	5961	1236	123	1563
Rodjeff, Leonard J., Chicago, Ill. Display-vehicle.	819,600	May 1	1101	243	122	247
Rodkey, David B., Spangler, Pa. Folding shipping-crate.	822,389	June 5	314	64-5	122	1794
Rodkey, I. N. (See Johnson, Gustaf G., assignor.)						
Rodman, Rollin L., Lott, Tex. Embroidering attachment for sewing-machines.	823,442	June 12	2433	513	122	2305
Rodney, Michael J., J. J. Ford, Fort Dodge, F. M. Conroy, A. Burson, and F. W. Fitch, Ponda, Iowa. Grain-shock and hay loader.	810,511	Jan. 23	3908	803-4	120	975

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Rodrigues-Ely, Camille. (See Boas and Rodrigues-Ely.)						
Rodrigues, Frank H., assignor of one-half to G. T. Griffin, Connellsville, Pa. Baby-carriage	831,571	Sept. 25	3358	706	124	936
Rodriguez, José P., Caibarien, Cuba. Crushing-roll	832,423	Oct. 2	814	157	124	1408
Rodriguez y Fonoll, Jacinto, Cienfuegos, Cuba. Furnace	810,348	Jan. 16	3539	727	120	856
Roe, Clarence E., Winnipeg, and J. Collinson, Souris, Manitoba, Canada. Car-door closure	833,241	Oct. 16	2479	520	124	1903
Roe, Robert, Jr., Niagara, Wis. Manufacture of chemical or sulfite wood-pulp	833,750	Oct. 23	3504		124	2197
Roebuck, Alvah C., Chicago, Ill. Film-reeling mechanism	820,441	May 15	2868	624-5	122	759
Roeder, Theodore. (See Mathews and Roeder.)						
Roe-liger, Jacob, assignor to St. Louis Car Company, St. Louis, Mo. Sand-delivery box for railway-cars	835,917	Nov. 13	2024	431	125	550
Roehl, Robert C., Chicago, Ill. Gas-controller for flash-lights and the like	809,077	Jan. 2	907	191	120	200
Roehr, Curt J., Philadelphia, Pa. Treating brewers' and distillers' slop	823,366	June 12	2298		122	2277
Roehr, Curt J., assignor to himself and W. F. Parry, Philadelphia, Pa. Treating distillery-slop	820,824	May 15	3649		122	931
Roehr, Louis, assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Metal-welding machine	829,295	Aug. 21	3252	685	123	2544
Roemer, Joseph, Santa Maria, Cal. Pipe-wrench	822,017	May 29	6062	1292	122	1582
Roemer, Julius, Shelby, Ohio. Thread-cutting device	837,422	Dec. 4	290	71	125	1429
Roemer, Mary T., Wabasha, Minn. Attachment for pans and the like to prevent burning	823,699	June 19	2960	627	122	2480
Roemisch, Josef, Earlsboro, Okla. Ter. Match-safe	827,467	July 31	5738	1188	123	1508
Roener, Joseph J., et al. (See McDonner, Charley, assignor.)						
Roesch, Alfred, Bridgeport, Conn., assignor to Davis & Roesch Temperature Controlling Company, New York, N. Y. Regulator	822,554	June 5	634	127-8	122	1866
Roeske, Henry, assignor to E. Printz, Philadelphia, Pa. Apparatus for degreasing substances	810,223	Jan. 16	3259	675-6	120	795
Roesser, John, et al. (See Matthews, John L., assignor.)						
Roessler & Hasslacher Chemical Company. (See Liebknecht, Otto, assignor.)						
Rogan, John A. (See Buckley, McGinn, and Rogan.)						
Rogers, Andrew W., assignor to S. W. Winslow, trustee, Beverly, Mass. Buffing-machine	822,154	May 29	6329	1346-7	122	1645
Rogers, Arthur R., Jonesport, Me. Ship's scraper	832,161	Oct. 2	292	55	124	1284
Rogers, Benjamin F., Buffalo, N. Y. Sectional furnace for hot-water heating	839,647	Dec. 25	4714	1008	125	2646
Rogers, Byron M., Watertown, N. Y. Envelop-moistener	822,773	June 5	1076	222	122	1964
Rogers, Charles. (See King, Arthur W., assignor.)						
Rogers, Charles A. (See Munroe, James R., assignor.)						
Rogers, Charles E., et al. (See Aurand, William A., assignor.)						
Rogers, David J., Lexington, Ky. Attachment for ink bottles or stands	820,671	May 15	3324	713	122	859
Rogers, Edward L., Boston, Mass. Spring box-hinge	822,555	June 5	637	128	122	1866
Rogers, Frank B., and C. H. Dittmer, Maddux, Mont. Hair-fastener	819,927	May 8	1775	382	122	461
Rogers, George H., Birmingham, Ala. Shoe-polishing outfit	815,934	Mar. 20	3952	837	121	966
Rogers, George M. (See Turner, Edward W., assignor.)						
Rogers, George R., assignor of two-thirds to S. Scott and G. Little, Crawfordsville, Ind. Gate	823,293	June 12	2163	451-2	122	2249
Rogers, Harry L., Altoona, Pa. Car-door	839,648	Dec. 25	4716	1008	125	2647
Rogers, Harry V., Tiosa, Ind. Car-coupling	831,378	Sept. 18	2970	631	124	800
Rogers, Isaac K., Bath, England. Pad for damping, inking, or like purposes	829,804	Aug. 28	4345	918	123	2840
Rogers, Isaac N., New York, N. Y. Box-opener	819,316	May 1	567	121	122	130
Rogers, J. S., New York, N. Y. Antifriction device	833,635	Oct. 16	3287	698-9	124	2098
Rogers, James M., et al. (See Hughes, Edwin T., assignor.)						
Rogers, John, Platteville, Wis. Molding-machine	811,873	Feb. 6	643	141	120	1621
Rogers, John, Bridgeport, Conn. Automatic air-compressor	835,291	Nov. 6	825	172	125	209
Rogers, John, assignor to Bates Valve Bag Company, Cleveland, Ohio. Valve-bag	810,349	Jan. 16	3540	727	120	856
Rogers, John, assignor to Bates Valve Bag Company, Cleveland, Ohio. Valve-bag	812,454	Feb. 13	1887	415	120	1951
Rogers, John, assignor to Bates Valve Bag Company, Cleveland, Ohio. Valve-bag	812,455	Feb. 13	1888	416	120	1951
Rogers, John, assignor to Bates Valve Bag Company, Cleveland, Ohio. Valve-bag	829,431	Aug. 28	3533	740	123	2640
Rogers, John E., Elkhart, Ind. Electric time-switch	817,392	Apr. 10	1679	354	121	1787
Rogers, John F., Belfast, Me. Vamp-marking machine	811,246	Jan. 30	5357	1118	120	1323
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	808,873	Jan. 2	476	104-5	120	106
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Line-printing slug	836,710	Nov. 27	3617	771	125	1024
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	837,126	Nov. 27	4476	950	125	1237
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Matrix for linotype-machines	837,127	Nov. 27	4477	950	125	1237
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Matrix-casting machine	838,905	Dec. 18	3206	692-3	125	2232
Rogers, John R., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	835,256	Nov. 6	765	160	125	194
Rogers, Joseph W., assignor of one-half to S. L. Andrews, Bodines, Pa. Animal-trap	830,177	Sept. 4	548	112	124	139
Rogers, Lebbens H. (See Bergh, Bror F., assignor.)						
Rogers, Lebbens H., New York, N. Y. Tandem brake-cylinder	825,866	July 10	2429	507-8	123	639
Rogers, Lebbens H., New York, N. Y. Air-compressor	838,140	Dec. 11	1749	375	125	1834
Rogers, Lebbens H., New York, N. Y. Rotary compressor or pump	838,458	Dec. 11	2359	512-13	125	1983
Rogers, Lebbens H., New York, N. Y. Air-compressor	838,459	Dec. 11	2363	513-14	125	1984
Rogers, Leonard R., assignor to W. H. Gates, Worcester, Mass. Detachable drive-chain	818,469	Apr. 24	3818	821	121	2357
Rogers, Longinus V. (See Walton and Rogers.)						
Rogers, Marshall C., assignor of one-half to W. C. Rogers, Woodland, Cal. Water and feed trough for fowls	824,508	June 26	4514	958	122	2872
Rogers, Michael W., Lexington, Ky. Guard-rail for cars	814,081	Mar. 6	157	32	121	35
Rogers, Morgan P., and E. C. Rouse, San Jose, Cal. Safety-lock for gun-locks	817,004	Apr. 3	917	189	121	1562
Rogers, Morris. (See Farnsworth, Rogers, and Duke.)						
Rogers, Ridgeway and Faith. (See Knobel, Abraham, assignor.)						
Rogers, Robert H., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine	822,304	June 5	162	32	122	1764
Rogers, Samuel J., assignor of one-half to J. Lerwill, Bingham Canyon, Utah. Ore-separator	825,758	July 10	2238	466	123	591
Rogers, William C. (See Rogers, Marshall C., assignor.)						
Rogers, William J., San Jose, Cal. Candle-lamp	819,379	May 1	706	149	122	161
Rohde, Harry B., assignor of one-half to C. A. Gleason, Detroit, Mich. Tea-kettle	812,456	Feb. 13	1888	416	120	1951
Rohlfing, John M., and P. D. Horton, Alliance, Ohio. Safety device for hoisting mechanisms	813,451	Feb. 27	3865	847	120	2473
Rohr, William A., Sorel, Quebec, Canada. Air-compressing apparatus	832,812	Oct. 9	1603	329	124	1637

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Rohrberg Bros. (See Rohrberg, John, assignor.)						
Rohrberg, John, Sioux City, Iowa, assignor of one-half to Rohrberg Bros., Osmond, Nebr. Grain-door for freight-cars.	822,477	June 5	472	96	122	1828
Rohrdantz, Kathrine, Buffalo, N. Y. Wax-holder.	817,275	Apr. 10	1452	306	121	1738
Rohrer, John S., Lancaster, Pa. Pruning implement.	812,528	Feb. 13	2037	447	120	1983
Roland, Arthur M., Honolulu, Hawaii. Tailor's measuring device.	830,850	Sept. 11	1936	406	124	519
Roland, Charles W., Richmond, Ind. Screen.	828,627	Aug. 14	1876	395	123	2166
Rolfe, Charles A., Adrian, Mich., assignor, by mesne assignments, to Rolfe Electric Co., Rochester, N. Y. Electrical protective device.	820,521	May 15	3053	657	122	801
Rolfe, Charles A., Chicago, Ill., assignor, by mesne assignments, to Rolfe Electric Co., Rochester, N. Y. Electric-circuit protector.	839,513	Dec. 25	4438	947	125	2581
Rolfe Electric Co. (See Rolfe, Charles A., assignor.)						
Rolkin, Edward. (See Bankson, Severin B., assignor.)						
Rolland, Louis S., Brussels, Belgium. Machine for electrically welding.	830,674	Sept. 11	1590	328-9	124	427
Roller, F. W. (See Boyle, James M., assignor.)						
Roller, Frank W., Plainfield, N. J. Electrical measuring instrument.	822,987	June 12	1501	312	122	2105
Roller, Henry C., Newark, N. J. Grate-bar.	838,906	Dec. 18	3209	693	125	2233
Rollins, Charles H., Watertown, Mass. Water-closet.	809,222	Jan. 2	1195	244	120	264
Rollins, George D., Philadelphia, Pa. Metallic packing.	830,530	Sept. 11	1286	266	124	345
Rollins, George E., East Bridgewater, Mass. Welt-making machine. (Reissue).	12,429	Jan. 2	1334	271	120	293
Rollins, George E., East Bridgewater, Mass., assignor to Brockton Folding Machine Company, W. Mass. Welt.	816,601	Apr. 3	109	23	121	1381
Rollins, George L., Bridgewater, Mass. Cementing apparatus.	829,432	Aug. 28	3534	740	123	2061
Rollins, John E., assignor to Crane Company, Chicago, Ill. Adjustable pipe-bracket.	813,588	Feb. 27	4140	907	120	2535
Rollins Manufacturing Company. (See Blanchard, Leon E., assignor.)						
Rollins, W. A. (See Adkins, Marion W., assignor.)						
Rollins, Warren W. (See Cline, Henry T., assignor.)						
Rollins, William A., Caddo, Ind. Terr., assignor of one-half to S. J. Long, Stephenville, Tex. Railway-tie.	814,327	Mar. 6	665	134	121	145
Rollinson, Earl H., Albany, N. Y. Variable-voltage electric transformer for cautery and diagnostic work.	815,863	Mar. 20	3827	810	121	938
Rollman Manufacturing Company. (See Rollman, Michael A., assignor.)						
Rollman, Michael A., assignor to Rollman Manufacturing Company, Mount Joy, Pa. Clamping device for grinding-machines, &c.	831,629	Sept. 25	3472	729	124	966
Rollman, Michael A., Mount Joy, Pa., assignor to Rollman Manufacturing Co. Securing device.	834,849	Oct. 30	5932	1259	124	2847
Rollmann, Alfred, Milwaukee, Wis. Office-desk.	828,507	Aug. 14	1643	346-7	123	2106
Rolph, Frederick L., Fitchburg, Mass. Boot and shoe cleaner.	821,193	May 22	4432	944	122	1165
Romain, Adolphe, and J. D'Ayguessives, Paris, France. Support for incandescent electric lamps.	826,359	July 17	3374	698	123	885
Roman, Stephen, New Orleans, La., assignor of one-half to T. Baptiste, Mobile, Ala. Railway-signal.	815,039	Mar. 13	2088	438-9	121	511
Romberg, Friedrich. (See Flamm and Romberg.)						
Romberger, Harry R. (See Gunn and Romberger.)						
Romberger, Harry R., Winona, Miss. Nut-lock.	810,084	Jan. 16	2970	620	120	738
Rome Saddlery Hardware Manufacturing Company. (See Craig, Alexander M., assignor.)						
Romigh, Elijah, Rochester, Pa. Mold.	832,424	Oct. 2	815	157	124	1408
Romine, Raymond, Waldo, W. Va. Rail-joint.	817,805	Apr. 17	2497	534	121	2017
Rominger, George S., assignor to Girard Iron Works, Philadelphia, Pa. Cask-support.	824,586	June 26	4683	996	122	2909
Rommel, Karl H., Rochester, Minn. Coffee and cereal roaster.	816,379	Mar. 27	4877	1034-5	121	1217
Rommer, Isaac A., Newark, N. J., assignor to National Biscuit Company. Forming or molding device.	816,937	Apr. 3	779	160	121	1532
Romünder, Hermann, Milwaukee, Wis. Tub, tank, and other like receptacle.	814,625	Mar. 6	1246	262	121	270
Romünder, Hermann, Milwaukee, Wis. Hydraulic press.	829,125	Aug. 21	2887	606-7	123	2455
Romünder, Hermann, Bloomsbury, N. J. Split pulley.	825,982	July 17	2645	549-50	123	708
Ronan, Anson G., Toronto, Canada. Combined intake and exhaust valve for gas-engines.	825,867	July 10	2434	508	123	640
Ronconi, Romeo, New York, N. Y. Collapsible box.	823,813	June 19	3172	671	122	2526
Ronell, August L., Forest City, Iowa. Electric program-clock.	816,938	Apr. 3	783	161	121	1533
Roney, John W., et al. (See Chamberlain, Theron T., assignor.)						
Ronstrom, Thomas, Chicago, Ill. Means for vessel propulsion.	829,033	Aug. 21	2700	566	123	2405
Rood, Edwin O., assignor to Interstate Drainage & Investment Company, Britt, Iowa. Portable self-track-laying apparatus.	830,851	Sept. 11	1937	406-7	124	520
Rood, Lloyd V., Marietta, Ohio. Filter.	811,664	Feb. 6	255	56	120	1541
Rood, Lloyd V., Marietta, Ohio. Filter.	839,514	Dec. 25	4442	947	125	2581
Rood, Philo T., St. Louis, Mo. Apparatus for cleaning cotton-seed.	822,478	June 5	474	96	122	1828
Rook, William T., Cheyenne, Okla. Terr. Mail-bag catching and delivering mechanism.	818,470	Apr. 24	3819	821-2	121	2357
Rookus, John J., assignor of two-thirds to M. E. Vanden Bosch and J. Poest, Zeeland, Mich. Fruit and vegetable slicer.	838,357	Dec. 11	2161	469	125	1934
Rooll, William, Los Angeles, Cal. Cigar cutter and lighter.	815,219	Mar. 13	2459	512	121	595
Roome, William H., Derby, Conn. Silver-cleaning compound.	838,810	Dec. 18	3041		125	2193
Rooney, Elwin H. (See Owen and Rooney.)						
Rooney, Elwin H., New Bedford, assignor to Whitin Machine Works, Whitinsville, Mass. Combining-machine.	822,479	June 5	475	97-8	122	1828
Rooney, Henry F., Randolph, assignor to C. E. Hale, Walpole, Mass. Vibrator.	821,831	May 29	5721	1219	122	1506
Rooney, James, New York, N. Y. Car-coupling.	811,329	Jan. 30	5520	1150	120	1358
Rooney, James, New York, N. Y. Door-fastening.	819,460	May 1	850	183	122	190
Rooney, Matilda C., Brooklyn, N. Y. Bed.	825,681	July 10	2091	436	123	557
Roop, Albert L. and F. C., Philadelphia, Pa. Machine for stuffing cushions.	811,095	Jan. 30	5033	1051-2	120	1254
Roop, Fannie C. (See Roop, Albert L. and F. C.)						
Roos, Theophilus, Newark, N. J. Mold for the manufacturing of hair-pins.	808,949	Jan. 2	647	141	120	143
Roosa, Herbert H., Lincoln, Nebr. Power-transmitting mechanism.	831,300	Sept. 18	2826	596-7	124	765
Roost, Hermann, St. Imier, Switzerland. Watch.	812,234	Feb. 13	1459	320	120	1858
Root, Charles F., and B. O. Conn, Mansfield, Ohio. Paper pasting and turning-in machine.	822,480	June 5	480	98-9	122	1830
Root, Charles M., assignor to Penn Surgical Mfg. Co., Philadelphia, Pa. Stethoscope.	821,315	May 22	4671	995	122	1216
Roper, Charles F., Hopedale, Mass., assignor to Draper Company, Portland, Me. Harness-motion for looms.	817,806	Apr. 17	2498	534-5	121	2017
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Filling-exhaustion-indicating mechanism for looms.	821,123	May 22	4301	916	122	1134
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Selvage-motion for looms.	823,638	June 19	2851	603-4	122	2457
Roper, Walter F., assignor to Draper Company, Hopedale, Mass. Picking mechanism for looms.	827,996	Aug. 7	610	124	123	1822
Roper, Walter F., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	834,757	Oct. 30	5736	1217	124	2799

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ropp, Christian, Cripple Creek, Colo. Rail-brace.....	834,409	Oct. 30	5059	1072	124	2625
Rosales, José, Manila, Philippine Islands. Cigar.....	829,296	Aug. 21	3255	686	123	2544
Rosat, Henri, Fils, Le Locle, Switzerland. Stem-winding watch.....	822,018	May 29	6064	1292	122	1582
Rosback, Henry A., assignor of one-half to M. C. Wright, Chicago, Ill. Railway-switch.....	827,395	July 31	5523	1150	123	1457
Rosdahl, Nils P., New York, N. Y. Holder for pens, pencils, and the like.....	836,652	Nov. 20	3463	739	125	950
Rose, Anthony. (See Hughes and Rose.)						
Rose, Edwin G. and J. R., Empire, assignors of one-third to F. G. Porter, Wellsville, Ohio. Automatic cut-off.....	809,749	Jan. 9	2293	475	120	537
Rose, Elbert D. W. (See Emblar and Rose.)						
Rose, Henry, Shreveport, La. Banana-crate.....	812,090	Feb. 6	1111	245	120	1715
Rose, James R. (See Rose, Edwin G. and J. R.)						
Rose, John H., Shreveport, La. Combined scaffold and step-ladder.....	812,091	Feb. 6	1112	245	120	1715
Rose, John H., Dayton, Ohio. Hydraulic motor.....	837,252	Nov. 27	4713	998-9	125	1295
Rose, John I., et al. (See Byrd, Britton E., assignor.)						
Rose, Joseph F. E., Montreal, Canada. Snow and ice removing apparatus.....	828,572	Aug. 14	1779	375-6	123	2141
Rose, William, Gainsborough, England, assignor to Wright's Automatic Tobacco Packing Machine Company, Lynchburg, Va. Packing-machine.....	822,988	June 12	1505	312-13	122	2105
Rose, William H., Baltimore, Md. Dropper for disinfecting apparatus.....	809,014	Jan. 2	777	167	120	171
Rose, William H., Baltimore, Md. Door-operated air-pump for atomizers.....	812,883	Feb. 20	2725	599	120	2169
Rose, William H., Baltimore, Md. Disinfecting apparatus.....	822,019	May 29	6065	1293	122	1583
Rose, William H., Baltimore, Md. Disinfecting apparatus.....	822,020	May 29	6067	1293	122	1583
Rose, William H., assignor to Marine Torch Company of Baltimore City, Baltimore, Md. Illuminating projectile.....	825,419	July 10	1498	310-11	123	409
Rose, William R., Washington, D. C. Metal sheathing for fire-walls.....	818,122	Apr. 17	3137	675	121	2158
Rosebrough, David R., Casey, Ill. Clothes-pin.....	808,687	Jan. 2	122	28	120	29
Roseland, Carl A., Rockford, Ill. Flue-stopper.....	836,216	Nov. 20	2610	550	125	746
Roseman, Herman G. (See Davis, James J., assignor.)						
Rosen, Charles O. (See Dawson and Rosen.)						
Rosenbaum, Louis, St. Louis, Mo. Sad-iron.....	823,190	June 12	1941	401	122	2201
Rosenbaum & Stockbridge. (See Bennett, Charles E., assignor.)						
Rosenberg, Adolph, Chicago, Ill. Window-fastener.....	825,616	July 10	1921	407	123	510
Rosenberg, Adolph, Chicago, Ill. Window-fastener.....	837,508	Dec. 4	448	102-3	125	1468
Rosenberg, Augustus, London, England. Apparatus for the generation of acetylene gas.....	824,509	June 26	4516	958-9	122	2872
Rosenberg, Augustus, London, England. Apparatus for generating acetylene gas.....	831,894	Sept. 25	4045	843	124	1115
Rosenberg, Augustus, assignor to International Oxy-Generator Syndicate Limited, (Manufacturers,) London, England. Illuminating apparatus designed for use in flash-signaling.....	826,887	July 24	4482	932-3	123	1184
Rosenberg, Augustus, assignor to International Oxy-Generator Syndicate, Limited, London, England. Lantern.....	834,850	Oct. 30	5934	1259-60	124	2848
Rosenberg, Charles B. (See Rosenberg, Frank J. and C. B.)						
Rosenberg, Frank J. and C. B., Los Angeles, Cal. Ledger.....	810,677	Jan. 23	4218	873	120	1043
Rosenberg, Max, Philadelphia, Pa. Trousers-rack.....	813,239	Feb. 20	3429	755	120	2321
Rosenberger, George L., Manassas, Va. Attachment for telephone test sets.....	830,675	Sept. 11	1592	329	124	427
Rosenblum, Moritz E., New York, N. Y. Safety device for scarf-pins.....	809,750	Jan. 9	2295	475	120	537
Rosenbluth, Edwin M., Philadelphia, Pa. Acetylene-gas generator.....	815,745	Mar. 20	3574	750	121	887
Rosenbluth, Edwin M., Philadelphia, Pa. Acetylene-gas apparatus.....	821,540	May 22	5121	1090-1	122	1316
Rosenfeld, Arthur, Vienna, Austria-Hungary. Sheet-feeding mechanism.....	826,360	July 17	3377	698	123	885
Rosenfeld, Carl, Berlin, Germany. Illusion apparatus.....	829,034	Aug. 21	2701	566	123	2405
Rosenfeld, Leon. (See Dulait and Rosenfeld.)						
Rosenfeld Manufacturing Company. (See Morrissey, Thomas F., assignor.)						
Rosenfield, William W., New York, N. Y. Phonograph.....	831,630	Sept. 25	3474	729	124	966
Rosenfield, William W., New York, N. Y. Phonograph.....	831,895	Sept. 25	4048	843	124	1116
Rosenheim, Charles, and G. Mombel, Brussels, Belgium. Transom-lifter.....	834,410	Oct. 30	5060	1072-3	124	2626
Rosenkranz, Rudolf, Pittsburg, Pa. Artificial limb.....	817,340	Apr. 10	1565	329	121	1761
Rosenstein, Fritz, and W. S. Woolf, Los Angeles, Cal. Sweat-leather for hats.....	833,339	Oct. 16	2673	562	124	1954
Rosenstein, Moses, Medford, Mass. Tooth-brush.....	814,235	Mar. 6	452	93	121	97
Rosenthal, Isaac B., Philadelphia, Pa. Churning attachment.....	815,864	Mar. 20	3528	811	121	938
Rosentreter, Albert J., Boonton, N. J., assignor to himself, T. Hannah, Pittsburg, Pa., and G. Hannay, Newark, N. J. Door closer and check.....	817,393	Apr. 10	1680	354-5	121	1787
Rosenvinge, Theodore von, et al. (See Lundin, Gustaf L., assignor.)						
Rosenwasser, Morris, New York, N. Y. Legging.....	810,982	Jan. 30	4846	1009	120	1212
Rosewarne, Richard E., Covington, Ky. Variable-speed mechanism.....	809,845	Jan. 9	2465	512-13	120	575
Rosier, Leo A. (See Barnes and Rosier.)						
Rosier, Leo A., Detroit, Mich. Clamping-band.....	815,558	Mar. 20	3166	665	121	796
Rosing, Arthur H., Paris, France. Signal for vehicles.....	827,265	July 31	5276	1094	123	1396
Rosing, William H. V., St. Louis, Mo., and F. L. Gordon, Chicago, Ill. Brake-shoe.....	832,813	Oct. 9	1606	330	124	1638
Rosland, Arne, New Orleans, La. Scarf-holder.....	817,005	Apr. 3	918	189	121	1562
Rosmann, Alois L. (See McArthur and Rosmann.)						
Rosner, Heinrich, Lemberg, Austria-Hungary. Apparatus for constructing conduits for wires, cables, &c.....	820,672	May 15	3326	713-14	122	859
Ross, Andrew J., and M. J. Morton, Pioneer, Cal.; said Morton assignor to said Ross. Pump.....	837,342	Dec. 4	132	33	125	1387
Ross, Benjamin B., Albany, N. Y. Car-door lock.....	827,037	July 24	4755	992	123	1251
Ross, Charles D., Portland, Oreg. Lumber-drying kiln.....	822,481	June 5	489	99	122	1833
Ross, Charles E., Crafton, Pa. Sparking plug.....	829,545	Aug. 28	3801	807	123	2727
Ross, Charles P., Seattle, Wash. Butter-cutter.....	828,508	Aug. 14	1644	347	123	2106
Ross, Charles W., Newton, Mass. Device for cutting vegetable and other growths from the inner surfaces of sewer and similar pipes.....	813,739	Feb. 27	4419	974-5	120	2594
Ross, Christian H., and S. Dauchy, Chicago, Ill., assignors to Dauchy Iron Works. Side-walk-light.....	816,566	Apr. 3	22	6	121	1359
Ross, David, Augusta, Ill. Gate.....	839,323	Dec. 25	4056	870	125	2488
Ross, David M., and F. T. Edwards, Fletcher, Ga. Turpentine-still.....	821,887	May 29	5808	1237	122	1524
Ross, George, and S. F. Deal, Kansas City, Mo. Road-bed.....	811,746	Feb. 6	393		120	1572
Ross, George, and S. F. Deal, Kansas City, Mo. Facing roadways, streets, and walks.....	833,551	Oct. 16	3111		124	2057
Ross, George H. D., La Junta, Colo. Ditch-dam.....	836,278	Nov. 20	2748	584	125	781
Ross, James. (See Mackenzie and Ross.)						
Ross, James A. (See Rhodes and Ross.)						
Ross, James A., Chicago, Ill. Steam-boiler.....	819,601	May 1	1103	243	122	248
Ross, James W., Spencer, Nebr. Animal-releasing device.....	825,352	July 10	1324	279	123	363
Ross, John, San Francisco, Cal. Bucket-elevator.....	833,417	Oct. 16	2833	601	124	1992
Ross, John F., assignor to W. E. and P. F. Ross and C. F. Vanhorn, Toronto, Canada. Can.....	809,983	Jan. 16	2750	565	120	689
Ross, John F., assignor to P. F. and W. E. Ross and C. F. Vanhorn, Toronto, Canada. Can.....	821,888	May 29	5809	1238	122	1525
Ross, John J. (See Kipp and Ross.)						
Ross, Labron B., Logansport, Ind. Fishing-reel.....	835,557	Nov. 13	1348	289	125	384

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Ross, Leonard W. (See Reid, Andrew S. and R., assignors.)						
Ross, Mark A., Chicago, Ill. Headlight-casing.	832,924	Oct. 9	1828	378	124	1691
Ross, Napoleon B., Amelia, and T. Horstman, Cincinnati, Ohio. Voting-machine.	837,964	Dec. 11	1359	297-8	125	1735
Ross, Oliver B., Spencer, Iowa. Cigar-vending machine.	828,971	Aug. 21	2559	541-2	123	2368
Ross, Percy F., <i>et al.</i> (See Ross, John F., assignor.)						
Ross Rifle Company. (See Bock, Henry L., assignor.)						
Ross & Son Company, Charles. (See Hérisse, Emile, assignor.)						
Ross, Thomas M., Carthage, Mo. Disk jointer.	818,562	Apr. 24	4028	864	121	2400
Ross, Thomas S., Baltimore, Md., assignor of two-thirds to M. H. Noon and J. J. Ellis.						
Bevel-square.	817,991	Apr. 17	2880	622	121	2104
Ross, Thomas S., Baltimore, Md., assignor of two-thirds to M. H. Noon and J. J. Ellis.						
Bevel-square rule.	818,051	Apr. 17	2995	647	121	2127
Ross, Vernon, Kansas City, Mo. Stop and guide for metal windows.	816,041	Mar. 27	4175	885	121	1067
Ross, Vernon, Kansas City, Mo. Sheet-metal window.	816,126	Mar. 27	4352	922	121	1105
Ross, Walter, Sr., Opelika, Ala. Bale-buckle.	834,758	Oct. 30	5738	1217	124	2799
Ross, William E., <i>et al.</i> (See Ross, John F., assignor.)						
Rossdam, Clara, Berlin, Germany. Head-support or bolster for bath-tubs.	818,854	Apr. 24	4624	992	121	2531
Rosselli, Joseph F. (See Johnson, Marquis H., assignor.)						
Rossi, Auguste J., New York, assignor of forty-two and one-half one-hundredths to J. MacNaughton, deceased, Tahawus, (Janet MacNaughton, executrix,) and fifteen one-hundredths to P. C. Peck, New York, N. Y. Production of steel containing titanium.	822,305	June 5	164	33	122	1764
Rossman, Grant B., New York, N. Y. Variable-speed device.	831,685	Sept. 25	3615	758	124	1008
Rostron, William H., Germantown, Pa. Smoke-consumer.	820,016	May 8	2020	443	122	513
Rotary File and Machine Company. (See Sweet, Parker H., assignor.)						
Rote, Charles V., <i>et al.</i> (See Miller, Ernest H., assignor.)						
Rote, Charles V. (See Miller and Rote.)						
Roth, Anton. (See Belloff and Roth.)						
Roth Bros. & Co. (See Roth, Charles H., assignor.)						
Roth, Carl, Munich, assignor to Helms & Pienninger, Gesellschaft mit beschränkter Haftung, Munich-Hirschau, Germany. Manufacture of turbine-vanes.	832,083	Oct. 2	107	24	124	1237
Roth, Charles C., assignor to Denver Tent and Awning Company, Denver, Colo. Combined smoke-flue and ventilating device.	809,223	Jan. 2	1197	245	120	265
Roth, Charles E., New York, N. Y. Combination-tool.	832,814	Oct. 9	1607	330	124	1638
Roth, Charles H., assignor to Roth Bros. & Co., Chicago, Ill. Electric motor.	817,807	Apr. 17	2500	555-6	121	2017
Roth & Engelhardt. (See Callow, William D., assignor.)						
Roth, Eugen, Schöneberg, near Berlin, Germany. Pressure and suction device.	811,330	Jan. 30	5521	1150-1	120	1358
Roth, George, St. Sebald, Iowa. Grave-protector.	826,689	July 24	4096	850	123	1089
Roth, Henry J., New York, N. Y. Massage and stimulating implement.	839,649	Dec. 25	4720	1009	125	2648
Roth, John, Jersey City Heights, N. J. Die.	820,603	May 15	3198	687	122	833
Roth, John A., Hannibal, Ohio. Equalizing device for vehicle-springs.	813,388	Feb. 20	3727	819	120	2383
Roth, William H. (See Robbins, Ira, assignor.)						
Rothern, Mathew E., and A. Ernst, Cleveland, Ohio. Coke-oven.	833,340	Oct. 16	2674	563	124	1954
Rothernbücher, George, New York, N. Y. Chuck.	834,492	Oct. 30	5211	1107	124	2666
Rothermundt, Adolf, Dresden-Blasewitz, Germany. Device for perforating music-rolls for self-playing piano attachments.	824,208	June 26	3922	839	122	2747
Rothschild, David, <i>et al.</i> (See Dauber, Carl W., assignor.)						
Rothschild, Samuel, Little Falls, N. Y. Combination-tool.	836,711	Nov. 27	3618	771	125	1024
Rothwell, William R., West Philadelphia, assignor to E. M. Vasey, Philadelphia, Pa. Fountain-pen.	818,052	Apr. 17	2996	647	121	2127
Rothwell, Zachariah J., and J. E. Blaisdell, Superior, Wis. Horseshoe.	832,162	Oct. 2	293	55	124	1284
Rotscheck, Emanuel F., St. Louis, Mo. Shelf-bracket.	834,411	Oct. 30	5062	1073	124	2626
Rottel, Herman W., assignor of one-half to J. McCann, Milwaukee, Wis. Indicator for pneumatic carriers.	818,471	Apr. 24	3822	822	121	2358
Rotter, Max, assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-turbine.	835,471	Nov. 6	1186	256	125	298
Rotter, Max, assignor to Allis-Chalmers Company, Milwaukee, Wis. Turbine.	835,472	Nov. 6	1187	256	125	298
Rotter, Max, assignor to Allis-Chalmers Company, Milwaukee, Wis. Elastic-fluid turbine.	835,473	Nov. 6	1188	256	125	299
Rotter, Max, assignor to Allis-Chalmers Company, Milwaukee, Wis. Shroud member for blades.	838,358	Dec. 11	2162	469	125	1934
Rouillard, Jean B. (See Lenthier and Rouillard.)						
Rouleau, Joseph A. A., St. Cuneigonde, assignor of one-half to C. H. J. Bowden, Montreal, Canada. Merchandise-hook.	812,235	Feb. 13	1460	320	120	1858
Rounds, John M., Strong, Me. Mechanism for cutting wooden toothpicks.	830,852	Sept. 11	1939	407	124	520
Rounds, Myron, Boston, Mass. Railway-car.	824,209	June 26	3923	840-1	122	2747
Rounsburg, Anton, Lewellen, Nebr. Tent-stake.	828,509	Aug. 14	1651	348	123	2108
Rountree, Henry W., assignor of one-half to H. W. Cottrell, Richmond, Va. Trunk.	825,556	July 10	1796	379-80	123	481
Rouse, Ernest C. (See Rogers and Rouse.)						
Rouse, George J., Gays, Ill. Railway-track rail.	835,325	Nov. 6	992	191	125	228
Rouse, Harry B. (See Barker, Frank M., assignor.)						
Rouse, Harry B., Chicago, Ill. Gas-generating apparatus.	821,258	May 22	4553	969	122	1191
Rouse, Ida M., Kansas City, Mo. Dress or skirt gage.	809,464	Jan. 9	1743	360	120	417
Rouse, Thomas. (See Purvis and Rouse.)						
Rouse, Thomas W. (See Bryant, William A., assignor.)						
Roush, Charles W., Grand Island, Nebr. Wire-fastener.	818,977	Apr. 24	4854	1043	121	2581
Rousseau, Albert, Bordeaux, France. Mask for administering anesthetics.	818,123	Apr. 17	3138	675	121	2158
Rousseau, Canfield J., New York, N. Y., and E. C. Ferris, Stamford, Conn. Oil-engine.	817,671	Apr. 10	2208	471	121	1898
Rousseau, Frank L., Chicago, Ill. Pencil.	813,522	Feb. 27	4017	880	120	2509
Rousseau, Pinkney H., and J. T. Lambert, Chandler, Tex. Fence-anchor.	825,158	July 3	933	197	123	245
Roussel, Willis J., New Orleans, La., assignor of one-eighth to A. King, Chicago, Ill. Electrically-operated type-writer.	811,247	Jan. 30	5359	1119	120	1324
Roussy, Louis, Geneva, Switzerland. Hypodermic syringe.	822,079	May 29	6183	1318	122	1611
Roux, Bernard. (See Karavodine, Victor de, assignor.)						
Roux, Charles P. T., Niort, France. Douche apparatus.	821,259	May 22	4556	969	122	1192
Rowan, George W. (See Huntington, Luther W., assignor.)						
Rowan, Robert E. (See Craig and Rowan.)						
Rowbottom, George, Waterbury, assignor to E. A. Young, New Haven, Conn. Braid-tip-feeding mechanism.	830,008	Sept. 4	190	33	124	47
Rowden, George, Newark, N. J. Plate-press.	821,880	May 22	4818	1023-4	122	1251
Rowe, Alvin W., and A. W. Bittenbender, Chicago, Ill. Damper-regulator.	830,178	Sept. 4	548	112	124	139
Rowe, David H. (See Johnson and Rowe.)						
Rowe, David H., Oakland, Cal. Truck.	814,874	Mar. 13	1747	366	121	440
Rowe, David M., Oglesby, Ill. Dumping-wagon.	810,085	Jan. 16	2972	620	120	738
Rowe, Frank M., Rockford, Ill. Animal-forceps.	836,217	Nov. 20	2611	550	125	746
Rowe, James E., assignor to E. Jenckes Manufacturing Company, Pawtucket, R. I. •Knitting-machine.	818,295	Apr. 17	3478	748-9	121	2231

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Rowe, Levi L. (See Tuttle and MacLean, assignors.)						
Rowe, Lucia H., administratrix. (See Rowe, William L.)						
Rowe, Thomas, Dollar Bay, Mich. Pole-tip.....	819,807	May 8	1546	328	122	408
Rowe, Thomas, Dollar Bay, Mich. Cover-actuating means.....	833,341	Oct. 16	2676	564	124	1955
Rowe, William, Marrickville, near Sydney, assignor to Rowe's Patent Lock and Block Limited, Sydney, New South Wales, Australia. Railway-traffic-control system.....	812,597	Feb. 13	2179	476	120	2010
Rowe, William J., and A. L. Witbeck, Cleveland, Ohio. Rotary engine.....	811,747	Feb. 6	304	85-6	120	1572
Rowe, William L., deceased, (L. H. Rowe, administratrix,) and W. W. Coy, Baltimore, Md. Non-refillable bottle.....	835,115	Nov. 6	486	98	125	125
Rowell, Dudley G. (See Rowell, Guilford D., assignor.)						
Rowell, George W., Portales, N. Mex. Ter. Wrench.....	829,672	Aug. 28	4051	858	123	2789
Rowell, Guilford D., Appleton, Wis. Car starter and mover.....	839,209	Dec. 25	3833	825	125	2432
Rowell, Guilford D., assignor of one-half to D. G. Rowell, Appleton, Wis. Lifter for lifting hollow blocks.....	813,060	Feb. 20	3082	676	120	2249
Rowell, John S., et al. (See Roberts, Charles L., assignor.)						
Rowell, Samuel W., et al. (See Roberts, Charles L., assignor.)						
Rowell, Theodore B., et al. (See Roberts, Charles L., assignor.)						
Rowell, William F., Deadwood, S. D. Attachment for garment-suspenders.....	812,367	Feb. 13	1714	376	120	1916
Rowen, Thomas B., Alexandria, Va. Mail-crane and danger-signal.....	829,035	Aug. 21	2702	566-7	123	2406
Rowe's Patent Lock and Block. (See Rowe, William, assignor.)						
Rowland, Charles L., Brooklyn, N. Y. Welding apparatus.....	817,992	Apr. 17	2881	623	121	2104
Rowland, David E., Canton, Ohio. Wrench.....	838,214	Dec. 11	1892	406	125	1869
Rowland, David E., and P. Bacher, assignors to Ney Manufacturing Company, Canton, Ohio. Hay-elevator.....	809,984	Jan. 16	2751	565-6	120	689
Rowland, James W., et al. (See Hutchinson, Charles G., assignor.)						
Rowland, Thomas F., New York, N. Y. Welded shell.....	810,812	Jan. 23	4473	929	120	1098
Rowland, Thomas F., New York, N. Y. Shell for torpedoes or similar purposes.....	810,983	Jan. 30	4548	1009	120	1213
Rowland, Thomas F., New York, N. Y. Making welded shells.....	833,245	Oct. 16	2480	520	124	1903
Rowlands, Albert T., Carrick, Pa. Rail-joint.....	813,831	Feb. 27	4617	1022	120	2636
Rowlands, John T., Racine, Wis. Molding-machine.....	833,179	Oct. 16	2339	490	124	1868
Rowley, Charles W., Geneva, N. Y. Stove-support.....	838,057	Dec. 11	1548	332	125	1783
Rowley, Frank, Battle Creek, Mich. Vehicle for cripples.....	816,745	Apr. 3	376	87	121	1443
Rowley, James F., Chicago, Ill. Artificial limb.....	813,740	Feb. 27	4421	975	120	2595
Rowley, John T., et al. (See Hellstrom, John A., assignor.)						
Rowse, Frank J., Pawtucket, R. I. Coin-controlled vending-machine.....	831,189	Sept. 18	2601	548	124	707
Roy, Alphonse M., Fulton, N. Y. Curtain-ixture.....	826,749	July 24	4208	874	123	1116
Roy, Edward H. (See Burton and Roy.)						
Roy, Edward H. (See Roy, William D. and E. H.)						
Roy, Edward H., Nashville, Tenn. Door-latch.....	812,092	Feb. 6	1115	246	120	1715
Roy, Edward H., Nashville, Tenn. Lock.....	830,531	Sept. 11	1288	266	124	346
Roy, Joseph, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Gas-range or gas-stove.....	832,878	Oct. 9	1743	360	124	1672
Roy, Joseph, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Heating-burner.....	832,879	Oct. 9	1747	360	124	1673
Roy, Joseph E., Montreal, Canada. Printing-press.....	817,276	Apr. 10	1453	306	121	1738
Roy, Louis, Continental, Ohio. Cultivator.....	835,326	Nov. 6	904	192	125	228
Roy, William D. and E. H., Nashville, Tenn. Skirt-fastener.....	809,465	Jan. 9	1745	360	120	417
Royal Furniture Company. (See Dennis, Alfred A., assignor.)						
Royal Typewriter Company. (See Hess, Edward B., assignor.)						
Royal Typewriter Company. (See Hess and Myers, assignors.)						
Royal Typewriter Company. (See Hess and Stoughton, assignors.)						
Royden, Albert, Lengby, Minn. Manure-carrier.....	837,509	Dec. 4	451	103	125	1468
Royle, Vernon, Paterson, N. J. Pinion-guard for circular looms.....	811,177	Jan. 30	5222	1092	120	1293
Royle, Vernon, Paterson, N. J. Tool-holder.....	824,951	July 3	549	109	123	146
Royle, Vernon, Paterson, N. J. Attachment for routers.....	824,952	July 3	551	109	123	147
Royle, Vernon E., Paterson, N. J. Piano machine-head for punching jacquard-cards.....	811,176	Jan. 30	5220	1091-2	120	1292
Roys, Herbert M. (See Macy and Duncan, assignors.)						
Roys, Willis E., New York, N. Y. Radiator.....	830,369	Sept. 4	946	195	124	233
Rozee, James, Yarmouth, Nova Scotia, Canada. Convertible table.....	830,532	Sept. 11	1290	266-7	124	346
Rozsa, Mihály, assignor to Ungarische-Asphalt Aktien-Gesellschaft, Budapest, Austria-Hungary. Transportable apparatus for heating and mixing materials.....	834,851	Oct. 30	5936	1260-1	124	2848
Ru Ton, Hiram W., Goshen, assignor to National Sweeper Co., Marion, Ind. Carpet-sweeper.....	822,631	June 5	809	164	122	1905
Rubber Balloon Company of America. (See Faber and Seal, assignors.)						
Rubber and Celluloid Harness Trimming Co. (See Graul, Fredrick, assignor.)						
Rubber and Celluloid Harness Trimming Co. (See Lockwood, David C., assignor.)						
Rubber and Celluloid Harness Trimming Co. (See Schreiner, Joseph, assignor.)						
Rubberhide Company. (See Schaffer, Frederick F., assignor.)						
Rubberized Leather and Tyre Company. (See Magnus and Davis, assignors.)						
Rubbertex Cloth and Paper Company. (See Bond, Lon A., assignor.)						
Rubel, Charles D., New York, N. Y. Binder.....	835,257	Nov. 6	767	161	125	194
Rubert, Santiago, and P. R. Laporta, Barcelona, Spain. Preventing incrustation.....	831,197	Sept. 18	2452	.....	124	673
Rubin, Max, New York, N. Y. Garment-clasp.....	838,907	Dec. 18	3210	693	125	2233
Rubin, Max, assignor to I. B. Kleinert Rubber Co., New York, N. Y. Garment-hanger.....	828,573	Aug. 14	1785	376	123	2143
Rubin, Selwyn, New York, N. Y. Garment-clasp.....	810,678	Jan. 23	4219	873	120	1043
Rubin, Selwyn, New York, N. Y. Garment-clasp.....	834,493	Oct. 30	5212	1107	124	2666
Ruble, Wesley W., San Jose, Cal. Headlight attachment for railway-cars, &c.....	833,246	Oct. 16	2481	520	124	1903
Rubright, Mervin M., Hartville, Ohio. Cornet-mouthpiece.....	829,893	Aug. 28	4522	954	123	2903
Ruby, Aday C. (See Shafer and Ruby.)						
Ruck, Richard M., London, England. Speed-indicator for motor-cars and other vehicles.....	825,075	July 2	770	161	123	206
Ruck, Richard M., London, England. Variable-speed driving mechanism.....	825,759	July 10	2242	466	123	593
Ruck, Richard M., London, England. Variable-speed driving mechanism.....	833,974	Oct. 23	4115	876	124	2344
Rüdl, Antonia, Nové Mitrovice, Austria-Hungary. Fish-culture tank.....	833,418	Oct. 16	2835	601	124	1993
Rüd, Ben, Duluth, Minn. Can-lifter.....	833,485	Oct. 16	2993	635	124	2029
Rudbeck, Claus A., Gibson City, Ill. Velocipede.....	813,741	Feb. 27	4423	975	120	2595
Rudbeck, Claus A., Gibson City, Ill. Velocipede.....	813,742	Feb. 27	4426	976	120	2596
Rudd, Anslow B. (See Deacon, Rufus H., assignor.)						
Rudd, Peter, Chicago, Ill. Bag-tying machine.....	813,832	Feb. 27	4618	1022-3	120	2636
Rudd, William L., and W. E. Stout, Chicago, Ill. Combined oiler and wiper for piston-rods.....	838,650	Dec. 18	2743	588	125	2121
Ruddell, Robert U., Hartford, Conn., and W. Ruddell, New York, N. Y. Cue-holder.....	824,149	June 26	3793	810	122	2719
Ruddell, William. (See Ruddell, Robert U. and W.)						
Ruddick, Hamilton, deceased; W. H. Ruddick, New York, N. Y., administrator. Dynamometer.....	813,324	Feb. 20	3611	792	120	2359

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Ruddick, Walter H., administrator. (See Ruddick, Hamilton.)						
Rude Brothers. (See Ham, Henry C., assignor.)						
Rude Brothers Manufacturing Company. (See Ham, Henry C., assignor.)						
Rude Brothers Manufacturing Company. (See Smith, John W., assignor.)						
Rude, Carl G. (See Sylstad and Rude.)						
Rudel, William F., assignor to A. T. Gridley, Aurora, Ind. Making starch.	810,086	Jan. 16	2973		120	738
Rudemann, Louis, assignor to L. B. De Laitte, Paris, France. Distribution of liquids.						
Rudert, George K., Wilmington, Del. Steering device for vehicles.	828,574	Aug. 14	1786	376	123	2143
Rudio, Hercules A. de, Los Angeles, Cal. Advertising device.	810,679	Jan. 23	4220	874	120	1043
Rudkins, Thomas P., assignor of one-half to P. K. O'Brien, Mitiamo, Victoria, Australia. Means for moving goods.	818,197	Apr. 17	3296	705	121	2192
Rudin, Frank, New York, N. Y. Scaffold-machine.	818,053	Apr. 17	2997	647	121	2127
Rudolph, Edward P., Cleveland, Ohio. Stencil device.	831,994	Sept. 25	4222	882	124	1160
Rudolph, Frank E., assignor of one-half to Carpenter Paper Company, Omaha, Nebr. Ruling-machine.	832,925	Oct. 9	1829	378	124	1692
Rudolph, Otto H. (See O'Bryan and Rudolph.)	811,331	Jan. 30	5522	1151	120	1358
Rudolph, Samuel, assignor of one-half to J. E. Jones, Lansing, Kans. Check-lock for mine-cars.						
Rudolph, Frank, and W. A. Geiger, Chicago, Ill., assignors to American Can Company, New York, N. Y. Sheet-metal display-can.	831,106	Sept. 18	2451	517	124	673
Rue, Edward, Amboy, Minn. Washing-machine.	815,981	Mar. 27	4042	855	121	1037
Ruedy, Harry U., Toledo, Ohio. Tool for notching bung-holes.	824,674	June 26	4843	1033	122	2943
Ruehle, Carl, Orangeville, Ill. Bean-harvester.	828,425	Aug. 14	1477	311	123	2062
Ruehs, Charles L., and G. Weiss, assignors of one-third to P. J. Keeney and J. F. Volz, Chicago, Ill. Vegetable and fat cutting machine.	809,751	Jan. 9	2296	475-6	120	537
Rueter, Henry A., Boston, Mass. Faucet-knob.	824,587	June 26	4684	996	122	2909
Ruetlinger, Albert, <i>et al.</i> (See Bauer, William, assignor.)	817,993	Apr. 17	2886	624	121	2106
Ruff, Emma M., Brooklyn, N. Y. Window-shade bracket.	811,874	Feb. 6	647	142	120	1622
Ruffin, John A., assignor to Hammond Typewriter Company, New York, N. Y. Type-writer attachment.	836,143	Nov. 20	2162	517-18	125	710
Ruffi, Herman, Indianapolis, Ind., assignor of one-half to A. W. Van Hafften, Minneapolis, Minn. Block-sawing machine.	811,332	Jan. 30	5525	1151-2	120	1359
Ruffi, Herman J., Mobile, Ala. Producing pavements.	839,424	Dec. 25	4253		125	2537
Ruge, Karl, and S. Katzenstein, Charlottenburg, Germany. Automatic watering-trough for cattle and horses.	824,588	June 26	4687	996	122	2910
Ruger, Forrest E., assignor of one-half to F. A. Blakslee, Binghamton, N. Y. Book-support.	816,380	Mar. 27	4878	1035-6	121	1218
Ruger, Forrest E., assignor of one-half to F. A. Blakslee, Binghamton, N. Y. Clamp for book-supports.	818,917	Apr. 24	4732	1016	121	2555
Ruger, William, Jr., Janesville, Wis. Collapsible supporting-frame.	832,163	Oct. 2	294	55	124	1284
Rugg, Francis A., Greenfield, Mass. Rake.	812,457	Feb. 13	1889	416	120	1951
Rugg, Walter S. (See Varley, Thomas W., assignor.)						
Ruggles, Clifton P., Texarkana, Tex. Signal.	835,474	Nov. 6	1189	256	125	299
Ruggles, Henry B., Redlands, Cal. Automatic weigher and register.	830,676	Sept. 11	1593	329-30	124	427
Ruggles, Hiram C., Pasadena, Cal. Condenser.	816,602	Apr. 3	111	24	121	1381
Rugh, Harry O., Chicago, Ill. Telephone-exchange system.	828,683	Aug. 14	1982	418	123	2192
Rugh, Harry O., Sandwich, Ill. Composite system of telegraphy and telephony.	839,210	Dec. 25	3835	826	125	2432
Rugh, Harry O., Chicago, Ill., assignor to Western Telephone Company, Minneapolis, Minn. Composite telephony and telegraphy.	831,525	Sept. 18	3252	686	124	874
Rugh, Harry O., Chicago, Ill., assignor to Western Telephone Company, Minneapolis, Minn. Signaling apparatus.	831,526	Sept. 18	3255	686	124	875
Rugh, Harry O., Chicago, assignor, by mesne assignments, to E. C. Hennis, Sandwich, Ill. Telephony. (Reissue.)	12,541	Oct. 9	2263	475	124	1802
Ruhl, John. (See Farmer, Edwin T., assignor.)						
Ruhlman, George H., and G. C. Miller, Cardington, Ohio. Washing-machine.	819,254	May 1	435	91	122	102
Ruhlow, August F., Hoskins, Nebr. Clothes-pin.	826,965	July 24	4618	962	123	1218
Rule, John A., Cincinnati, Ohio. Newspaper-vending machine.	818,296	Apr. 17	3490	750	121	2233
Rule, John A., Cincinnati, Ohio. Coin-operated vending-machine.	822,869	June 5	1267	261	122	2004
Rule, William M., Torrington, Conn., assignor to G. H. Benjamin, trustee, New York, N. Y. Book type-writer.	837,343	Dec. 4	133	33-4	125	1388
Rullman, Adolph A. and D. D., Wathena, Kans. Washing-machine.	832,276	Oct. 2	524	99	124	1340
Rullman, David D. (See Rullman, Adolph A. and D. D.)						
Rulon, Watson B. (See Steele, William O., assignor.)						
Rumbel, Gordon A., Omaha, Nebr. Bale-tie machine.	816,381	Mar. 27	4880	1036-8	121	1218
Rumbold, William G., and G. Patchin, London, England. Treating complex sulfid ores.	832,341	Oct. 2	655		124	1370
Rumely Company, M. (See Robby, William C., assignor.)						
Rumely, William M. (See Walsh and Rumely.)						
Rumely, William N., Laporte, Ind. Boiler.	812,529	Feb. 13	2039	447	120	1983
Rumely, William N., Laporte, Ind. Steam-engine governor.	818,711	Apr. 24	4332	929	121	2468
Rumfield, Henry I., and J. R. Donaho, Willowhole, Tex. Clothes-pin.	813,589	Feb. 27	4141	907-8	120	2535
Rump, William J., Ravine, assignor to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Nozzle for sausage-stuffers and lard-presses.	826,277	July 17	3215	667	123	845
Rumrill, George E., Carrollton, Ill. Doubletree and whiffletree coupling.	812,093	Feb. 6	1116	246	120	1716
Rundberg, Charles J., Kansas City, Mo. Incandescent-electric-lamp remover, replacer, and cleaner.	809,985	Jan. 16	2753	566	120	690
Rundell, Carrie E., Cleveland, Ohio. Knee-cushion.	830,103	Sept. 4	389	79	124	96
Rundell, Fred H., Andover, N. Y. Culinary utensil.	831,746	Sept. 25	3722	779	124	1036
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Gearing.	838,848	Oct. 23	3740	795	124	2256
Runge, Eduard, assignor to J. P. H. De La Croix, Berlin, Germany. Reproducer for talking-machines.	831,995	Sept. 25	4223	883	124	1160
Runge, William, assignor to Seneca Falls Manufacturing Company, Seneca Falls, N. Y. Gearing for machine-tools.	831,379	Sept. 18	2971	631-2	124	800
Runner, John B., Indianapolis, Ind. Lifting-jack.	826,278	July 17	3216	667	123	845
Runner, John B., assignor to Hoosier Jack and Combination Tool Company, Indianapolis, Ind. Combination-tool.	824,264	June 26	4029	862	122	2769
Runyan, Clay M., Elyria, Ohio. Molding-machine.	813,117	Feb. 20	3196	699	120	2274
Runyan, Clay M., Elyria, Ohio. Butter-churn.	813,325	Feb. 20	3613	792	120	2359
Rupert, Elmer E. (See Goodrich, Ira L., assignor.)						
Rupke, Max, Ohligs, Germany. Protecting-rail for building structures, stairs, corners, and the like.	813,326	Feb. 20	3615	793	120	2359
Rupley, George H., Schenectady, N. Y. Electric clock-winding mechanism.	832,747	Oct. 9	1469	295-6	124	1607
Ruplev, George H., Schenectady, N. Y., assignor to General Electric Company. Insulating electrical conductors.	835,327	Nov. 6	905		125	229

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Rupp, Henry, Kraft, Mich. Sprayer.....	819,602	May 1	1104	243	122	248
Rusco, Charles A. (See Tambling and Charles, assignors.)						
Rusco, Charles A., Chicago, Ill. Stove or furnace.....	831,243	Sept. 18	2703	568	124	733
Rusek, Joseph J., et al. (See Miller, Benjamin F. D., assignor.)						
Rush, Arminda B., New York, N. Y. Window-shade guide.....	831,631	Sept. 25	3480	730	124	969
Rush, Delbert D., Duluth, Minn. Pencil-sharpener.....	836,712	Nov. 27	3620	772	125	1024
Rush, Samuel F., et al. (See Hayward, Eugene, assignor.)						
Rush, Stephen P., assignor of one-half to J. B. Beam, Tyrone, Pa. Combined brace and fastener for hatchets.....	832,624	Oct. 9	1227	247	124	1549
Rush, William M., Greensburg, Pa. Combined curtain-stretcher and clothes-drier.....	815,382	Mar. 20	2838	590	121	724
Rushmore, David B., Schenectady, N. Y., assignor to General Electric Company. Inductor-alternator.....	831,475	Sept. 18	3151	667	124	848
Russ, John D., assignor of seven-twelfths to F. F. McIntosh and A. J. Lyons, Spencer, W. Va. Trigger mechanism.....	821,889	May 29	5813	1238	122	1526
Russ, John D., assignor of seven-twelfths to F. F. McIntosh and A. J. Lyons, Spencer, W. Va. Firearm.....	821,890	May 29	5820	1238-9	122	1527
Russ, Myron B. (See Knight and Russ.)						
Russegue, George M., Chicago, Ill. Portable wardrobe.....	827,753	Aug. 7	119	26	123	1699
Russek, A. C. (See Wilson, John, assignor.)						
Russell, Alexander, St. Marys, W. Va. Cylinder-head for engines.....	829,233	Aug. 21	3118	656	123	2512
Russell, Andrew H., Washington, D. C. Breech-loading gun.....	816,603	Apr. 3	112	24-5	121	1382
Russell, Austin L., Minneapolis, Minn. Propelling apparatus for boats.....	834,324	Oct. 30	4881	1033	124	2581
Russell, Charles C., Cleveland, Ohio. Shower-bath.....	816,604	Apr. 3	117	25	121	1382
Russell, Charles W., Louisville, Ky. Awning.....	820,261	May 8	2521	546	122	624
Russell and Company. (See Heggem, Charles O., assignor.)						
Russell, Dula M. (See Taylor and Russell.)						
Russell & Erwin Manufacturing Company. (See Caley, Charles J., assignor.)						
Russell & Erwin Manufacturing Company. (See Caley and Voight, assignors.)						
Russell & Erwin Manufacturing Company. (See Crandall, Nathan W., assignor.)						
Russell & Erwin Manufacturing Company. (See Papenfoth, Paul, assignor.)						
Russell & Erwin Manufacturing Company. (See Parker and Papenfoth, assignors.)						
Russell & Erwin Manufacturing Company. (See Shepard, Amos, assignor.)						
Russell & Erwin Manufacturing Company. (See Voight, Henry G., assignor.)						
Russell, Flora S., Boston, Mass. Medical appliance.....	816,746	Apr. 3	379	88	121	1443
Russell, Frank J., New York, N. Y. Plug-socket for electric lamps, &c.....	818,791	Apr. 24	4507	963-4	121	2506
Russell, Frank J., New York, N. Y. Plug-socket for electric lamps, &c.....	835,258	Nov. 6	768	161	125	194
Russell, Freddie F., Daniel, Miss. Churning-machine.....	820,135	May 8	2272	493-4	122	569
Russell, George A., Worcester, Mass. Guard for electric lamps.....	825,076	July 3	772	161	123	107
Russell, George A., deceased, Worcester, Mass.; M. C. Russell, administratrix. Combined reflector and guard for electric lamps.....	835,475	Nov. 6	1191	257	125	299
Russell, George E., Brockton, Mass. Coupon-stamping machine.....	838,215	Dec. 11	1894	406-7	125	1870
Russell, George K., New York, N. Y. Automatic window for banks.....	830,928	Sept. 11	2067	435	124	549
Russell, George S., London, England. Combined camera-support and walking-stick, umbrella, &c.....	825,006	July 3	654	132	123	171
Russell, Gilbert H., Laurinburg, N. C. Sleeve-fastener.....	814,328	Mar. 6	666	134	121	146
Russell, Herbert C., London, England. Apparatus for washing and cleansing lined casks, barrels, and the like vessels.....	833,751	Oct. 23	3505	747-8	124	2197
Russell, Isaac O., assignor to J. T. Horn, Indianapolis, Ind. Physical exercising device.....	820,017	May 8	2021	443	122	513
Russell, J. W., et al. (See McMahon, James P., assignor.)						
Russell, James E., New York, N. Y. Chart for keeping records of bridge-whist.....	835,833	Nov. 13	1873	396	125	516
Russell, James H., Manistee, Mich. Receptacle for delivering goods.....	821,541	May 22	5124	1091-2	122	1316
Russell, James J., Milwaukee, Wis. Veneer-cutting machine.....	809,136	Jan. 2	1022	211	120	225
Russell, John, assignor of one-half to U. Huquenin, Cananea, Mexico. Ball-bearing screw-jack.....	825,557	July 10	1798	380	123	481
Russell, John L., Andersonia, Cal. Level.....	825,760	July 10	2245	467	123	593
Russell, Joseph N., London, England. Water-circulating apparatus.....	816,939	Apr. 3	787	161-2	121	1533
Russell, Joseph R., Chicago, Ill. Burner for liquid fuel.....	814,396	Mar. 6	815	168	121	178
Russell, Joseph R., Chicago, Ill. Furnace.....	814,397	Mar. 6	816	108	121	179
Russell, Joseph R., Chicago, Ill. Furnace.....	814,398	Mar. 6	819	109	121	179
Russell, Loren, Carthage, Ill. Flue-stopper.....	829,894	Aug. 28	4523	954	123	2903
Russell Manufacturing Company. (See Fisher, William C., assignor.)						
Russell Manufacturing Company. (See Hubbard, Louis D., assignor.)						
Russell, Marie J., Chicago, Ill. Eyeglass-holder.....	818,297	Apr. 17	3492	750	121	2233
Russell, Mary C., administratrix. (See Russell, George A.)						
Russell, Oren J., assignor of one-half to A. L. Test, Portsmouth, Ohio. Nut-lock.....	831,747	Sept. 25	3724	779	124	1036
Russell, Richard, assignor of one-half to C. K. Stockland, Stephen, Minn. Ditching and grading machine.....	839,515	Dec. 25	4444	947-8	125	2582
Russell, Richard, assignor of one-half to C. K. Stockland, Stephen, Minn. Ditching and grading machine.....	839,516	Dec. 25	4447	948	125	2583
Russell, Robert A. C., Stafford, England. Riding and driving saddletree.....	820,136	May 8	2273	494	122	570
Russell, Robert C. (See Peters, John, assignor.)						
Russell, Robert C., assignor to Richmond Furniture Manufacturing Company, Richmond, Ind. Folding cupboard.....	825,484	July 10	1624	338-9	123	441
Russell, Thomas A., assignor to Canada Cycle and Motor Company, Limited, Toronto, Canada. Skate.....	815,121	Mar. 13	2247	471	121	545
Russell, Ulysses G., Marysville, Kans. Window-ventilator.....	814,920	Mar. 13	1821	381	121	455
Russell, William B., Philadelphia, Pa. Heddle.....	825,244	July 3	1101	233	123	287
Russell, William H., Douglastown, Canada. Roller-bearing.....	823,083	June 12	1725	355	122	2151
Russell, Willis W., New York, N. Y. Roulette game-board.....	827,670	July 31	6185	1284	123	1623
Russia Cement Company. (See Brooks, Reuben, assignor.)						
Rust, Conrad, Jr., Indianapolis, Ind. Manifold-sheet for loose-leaf books.....	827,754	Aug. 7	122	27	123	1700
Rust, Henry, Worthington, Minn. Corn-husker.....	815,220	Mar. 13	2461	513	121	596
Rust, Mortimer R., assignor to Dilts Machine Works, Fulton, N. Y. Lighter-bar stand.....	820,137	May 8	2275	495	122	570
Rust, Mortimer R., Fulton, N. Y., assignor to Dilts Machine Works. Beating-engine roll.....	838,359	Dec. 11	2163	469	125	1935
Rustad, Henry, Lindsay, Ontario, Canada. Hand-moistening device.....	839,211	Dec. 25	3837	826	125	2433
Rustad, Henry, Lindsay, Ontario, Canada. Stump-extractor.....	839,212	Dec. 25	3838	826	125	2434
Rutenber, Menzo A., Chicago, Ill. Cask or tank gage.....	832,164	Oct. 2	295	56	124	1284
Ruth, George W., York, Pa., assignor to Ruth Machine Company. Stop-motion for knitting-machines.....	813,240	Feb. 20	3430	756	120	2321
Ruth, John W., East Huntingdon township, Westmoreland county, and D. Harden, Everson, Pa. Knife for wood-planing machines.....	824,589	June 26	4689	997	122	2911
Ruth Machine Company. (See Ruth, George W., assignor.)						
Ruthenburg, Marcus, Lockport, N. Y. Electric furnace.....	815,221	Mar. 13	2463	513	121	596
Ruthenburg, Marcus, Lockport, N. Y. Manufacturing iron and its alloys.....	818,918	Apr. 24	4734	1016	121	2555
Ruthven, Alfred L., assignor of one-half to W. Peterson, Topeka, Kans. Railway signal system.....	818,855	Apr. 24	4624	993	121	2531

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Rutledge, Uel A., Berkley, Va. Steam-turbine.....	817,590	Apr. 10	2070	436	121	1867
Rutten, Frank M., Cray, N. D. Yielding clevis for plows.....	834,412	Oct. 30	5062	1073	124	2626
Rutter, Mont, Newark, N. J. Detonating toy.....	819,928	May 8	1775	382-3	122	461
Rutterford, Percy F., London, England. Instrument for stopping teeth.....	815,040	Mar. 13	2091	439	121	511
Rutterford, Percy F., London, England. Instrument for stopping teeth.....	815,041	Mar. 13	2092	439	121	512
Ruttkamp, Ernest, assignor to Ruttkamp-Mincke Co., Jersey City, N. J. Mixing-machine.....	835,558	Nov. 13	1350	290	125	384
Ruttkamp-Mincke Co. (See Ruttkamp, Ernest, assignor.)						
Rutz, Charles, New York, N. Y. Lubricator.....	814,082	Mar. 6	160	32	121	36
Ryan, Charles S., Kinsley, Kans. Churn.....	829,433	Aug. 28	3536	741	123	2661
Ryan, Clarence B., Pittsburg, Pa. Removable crossover.....	825,682	July 10	2092	436	123	557
Ryan, Edmund, Lawrenceville, Ill. Shipping-case.....	831,476	Sept. 18	3153	667	124	848
Ryan, Edward, Clinton, Iowa. Slack-adjuster for draw-bars.....	812,682	Feb. 13	2330	509	120	2038
Ryan, Edward J., Danville, Ill. Trap.....	817,006	Apr. 3	919	189-90	121	1562
Ryan, George F., Chicago, Ill. Combined waste and vent fitting.....	817,094	Apr. 3	1071	222	121	1595
Ryan, Harris J., Ithaca, N. Y. Electric-wave-form tracer.....	834,998	Nov. 6	239	52	125	43
Ryan, Harris J., Ithaca, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Insulation for electric circuits and producing the same.....	835,367	Nov. 6	981	209	125	249
Ryan, James. (See Ryan, John D., assignor.)						
Ryan, James R., Sault Ste. Marie, Mich. Canopy for vehicles.....	835,869	Nov. 13	1937	409	125	529
Ryan, John, New York, N. Y. Mail-catching device.....	824,440	June 26	4387	933	122	2842
Ryan, John D., Sistersville, W. Va., assignor of one-half to J. Ryan, Chicago, Ill. Wrench.....	823,367	June 12	2299	481	122	2277
Ryan, John W. (See Gibboney and Ryan.)						
Ryan, Joseph T., Maysville, Ky. Can.....	829,036	Aug. 21	2704	567	123	2406
Ryan, Nora, New York, N. Y. Portable wardrobe.....	813,452	Feb. 27	3867	847-8	120	2473
Ryan, Nora, New York, N. Y. Wardrobe.....	832,625	Oct. 9	1229	247	124	1549
Ryan, W. H., et al. (See Shepard, Frank P., assignor.)						
Ryan, Walter D., West Lynn, Mass. Salute-gun.....	809,752	Jan. 9	2297	476	120	537
Ryan, Walter D., Lynn, Mass., assignor to General Electric Company. Device for comparing luminous areas.....	815,865	Mar. 20	3829	811	121	939
Ryan, William, Chicago, Ill. Corn-popping machine.....	833,899	Oct. 23	3861	820	124	2266
Ryan, William L. (See Bishop, Charles C., assignor.)						
Ryden, Claes, Providence, R. I. Bobbin for winding-machines.....	822,224	May 29	6467	1372	122	1676
Ryden, John P., Seattle, Wash. Square.....	828,510	Aug. 14	1632	348	123	2109
Ryden, Charles W., and F. Orth, Burlington, Vt. Electric-car sign and signal.....	838,586	Dec. 18	2614	563-4	125	2089
Ryder, Henry, New York, N. Y., assignor to Ryder Wire & Fibre Manufacturing Company, Jersey City, N. J. Yarn.....	831,108	Sept. 18	2453	518	124	674
Ryder, Malcolm P., White Plains, N. Y. Generator of intermittent electric currents.....	814,083	Mar. 6	161	33	121	36
Ryder, William H., Providence, R. I. Means for regulating the tension upon warp-threads of looms.....	813,833	Feb. 27	4628	1024	120	2610
Ryder Wire & Fibre Manufacturing Company. (See Ryder, Henry, assignor.)						
Rydquist, Adolph, Rochester, N. Y. Lamp-support.....	831,996	Sept. 25	4224	883	124	1160
Ryf, Johann C. (See Trever, Franz, assignor.)						
Rymill, Joseph S., Pittsburg, W. A. Painter and J. C. Miller, Allegheny, assignors to Pittsburg Lamp, Brass & Glass Company, Pittsburg, Pa. Universal shade-holder.....	821,891	May 29	5826	1239	122	1529
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom reversing mechanism.....	810,680	Jan. 23	4222	874	120	1044
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Shuttle-operating mechanism.....	810,681	Jan. 23	4224	875	120	1044
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Shuttle-box motion for looms.....	820,018	May 8	2022	443	122	513
Rypinski, Maurice C. (See La Roche and Rypinski.)						
Rypinski, Maurice C., New York, N. Y. Electrical measuring instrument.....	811,956	Feb. 6	850	187	120	1662
Rypinski, Maurice C., New York, N. Y. Pin-guard.....	814,084	Mar. 6	166	33	121	37
Rystrom, Charles, Rockford, Ill. Lock-nut.....	811,957	Feb. 6	853	188	120	1662
Ryther, Frank A., Chicago, Ill., assignor to International Harvester Company. Block-insertor for hay-balers.....	834,325	Oct. 30	4882	1034	124	2582
Ryther, Frank A., Chicago, Ill., assignor to International Harvester Company. Baling-press.....	836,653	Nov. 20	3465	739	125	950
Ryther, Frank A., and G. H. Ellis, Chicago, Ill., assignors to International Harvester Company. Baling-press.....	831,301	Sept. 18	2828	597-8	124	766
S. Karpen & Bros. (See Karpen, Isaac, assignor.)						
S. Karpen & Bros. (See Karpen, Julius, assignor.)						
S. Morgan Smith Company. (See Smith, Charles E., assignor.)						
S. Pearson and Son. (See Japp, Henry, assignor.)						
S. Pearson and Son. (See Lewis, William Y., assignor.)						
S. Pearson and Son. (See Moir, Ernest W., assignor.)						
S. Stevenson & Company. (See Wright, Walter, assignor.)						
S. C. Regulator Company. (See Copley, Noiberto G., assignor.)						
S. F. Bowser & Company. (See Clark, James P., assignor.)						
S. F. Bowser and Company. (See Dunn, Henry F., assignor.)						
S. K. White Company. (See White, Samuel K., assignor.)						
S. O. & C. Co. (See Jones, Arthur E., assignor.)						
S. R. Dresser Manufacturing Company. (See White, George H., assignor.)						
S. S. Stafford, Incorporated. (See Frist, Robert P., assignor.)						
S. S. Stafford, Incorporated. (See Hoffman, Edmund, assignor.)						
S. S. White Dental Manufacturing Company. (See Browne, Arthur W., assignor.)						
S. S. White Dental Manufacturing Company. (See Fritz, Charles P., assignor.)						
S. S. White Dental Manufacturing Company. (See Gilbert, Edmund D., assignor.)						
Sabin, Barton W., Anderson, Ind. Computing cheese-cutter.....	824,744	July 3	88	17	123	26
Sabroe, Axel, Aastrup, Germany. Clay-cleaning apparatus.....	816,747	Apr. 3	380	88	121	1444
Sabroe, Axel, Aastrup, Germany. Milking-machine with electromagnetic closing device.....	835,918	Nov. 13	2026	431	125	550
Sachs, Ernst. (See Höpflinger and Sachs.)						
Sachs, Joseph, assignor to Johns-Pratt Company, Hartford, Conn. Fuse-block.....	826,888	July 24	4486	933-4	123	1185
Sachs, Martin K., Houston, assignor to M. Butler, Austin, Tex. Brick-truck.....	817,520	Apr. 10	1940	409-10	121	1842
Sachse, William F., Sheboygan, Wis. Horse-collar pad.....	816,127	Mar. 27	4352	922	121	1105
Sachsenröder, Gustav, Barmen-Unterbarmen, Germany. Manufacturing artificial parchment.....	821,434	May 22	4939		122	1277
Sachsenröder, Gustav H., Barmen, Germany. Manufacturing lined or enveloped tubes of parchment-paper.....	809,846	Jan. 9	2467	513	120	576
Sackett, August J., Baltimore, Md. Pulverizing-mill.....	829,173	Aug. 21	3012	629	123	2486
Sackett, Benjamin F. (See Bequette and Sackett.)						
Sackett, Frank L., Fredonia, N. Y. Game apparatus.....	810,224	Jan. 16	3261	676	120	795
Sackett, Frank L., Fredonia, N. Y. Game-piece.....	810,352	Jan. 16	3541	728	120	857
Sackville, James A., Manchester, England. Apparatus for opening, spreading, and stretching textile fabrics.....	829,805	Aug. 28	4346	918	123	2861

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Saco & Pettee Machine Shops. (See Mills, Charles, assignor.)						
Sadler, Louis E., assignor to F. H. Sadler Co., Attleboro, Mass. Jewel-setting.....	830,179	Sept. 4	550	112	124	139
Sadler, Malander F. (See Tygart, John A., assignor.)						
Sadler, Octavius. (See Bryan and Sadler.)						
Sadorus, Samuel S., Sarilda, Idaho. Rotary engine.....	838,460	Dec. 11	2370	514	125	1986
Sadtler, Morgan D., assignor of one-half to J. B. Forrester, Baltimore, Md. Coin-tester for slot-machines.....	827,327	July 31	5393	1120-1	123	1425
Sadtler, Morgan D., assignor of one-half to J. B. Forrester, Baltimore, Md. Sheet-metal-bending machine.....	830,929	Sept. 11	2068	435-6	124	550
Saecker, Herman G., Appleton, Wis. Paper-stock-refining engine.....	820,522	May 15	3054	657-8	122	801
Saegmuller, George N., assignor to Bausch, Lomb, Saegmuller Co., Rochester, N. Y. Magnetic needle.....	811,248	Jan. 30	5365	1120	120	1325
Saegmuller, George N., assignor to Bausch, Lomb, Saegmuller Company, Rochester, N. Y. Variable-power telescope.....	838,651	Dec. 18	2744	588	125	2121
Saegmuller, George N., assignor to Bausch, Lomb, Saegmuller Company, Rochester, N. Y., and J. L. Latimer, U. S. Navy. Telescope.....	828,511	Aug. 14	1655	348	123	2109
Safety Car Heating and Lighting Co. (See Gerdes, Heinrich, assignor.)						
Safety Car Heating & Lighting Company. (See Creveling, John L., assignor.)						
Safety Car Heating & Lighting Company. (See Dixon, Robert M., assignor.)						
Safety Car Heating & Lighting Company. (See Hulse, George E., assignor.)						
Safety Car Heating & Lighting Company. (See Lungren, Charles M., assignor.)						
Safety Car Heating & Lighting Company. (See Sperry, Elmer A., assignor.)						
Safety Car Heating & Lighting Company. (See Thomson, William I., assignor.)						
Saffell, Silas B., Indianapolis, Ind. Combined minnow bucket and trap.....	814,480	Mar. 6	974	199	121	212
Saffery, Joseph E., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	810,173	Jan. 16	3141	650	120	771
Saffold, Reuben E., Rochester, N. Y. Shoe-polishing device.....	833,003	Oct. 9	1976	412	124	1728
Safford, Harry E., assignor of one-third to A. R. Hamilton, Allegheny, Pa. Fire-extinguisher.....	825,868	July 10	2437	509	123	640
Safford, Oscar D., Passaic Park, N. J. Printing device.....	826,889	July 24	4490	934	123	1186
Sage, Cyrus H., et al. (See Sage, Frederick, assignor.)						
Sage, Enos B., et al. (See Sage, Frederick, assignor.)						
Sage, Frederick, assignor to E. B. Sage, Redrock, and C. H. Sage, Johnsonburg, Pa. Fluid-pressure motor.....	811,665	Feb. 6	257	56-7	120	1541
Sage, Jearum A., Stryker, Ohio. Car-fender.....	820,317	May 8	2621	571	122	646
Sage, Ralph V., Westmont borough, Pa. Car-stake.....	827,266	July 31	5277	1094	123	1397
Sage, Ralph V., Westmont borough, Pa. Brake-beam and flanged bar therefor.....	829,673	Aug. 28	4052	859	123	2790
Sage, Ralph V., Westmont, Pa. Extensible car-stake.....	833,975	Oct. 23	4118	876	124	2345
Sage, Ralph V., Westmont, Pa. Car-stake.....	833,976	Oct. 23	4121	876	124	2345
Sage, Ralph V., Westmont, Pa. Extension-stake for cars.....	833,977	Oct. 23	4124	877	124	2346
Sage, Ralph V., Westmont, Pa. Combination car-stake.....	833,978	Oct. 23	4126	877	124	2346
Sage, Ralph V., Westmont, Pa. Adjustable car-stake.....	834,413	Oct. 30	5064	1073	124	2626
Sage, Ralph V., Westmont, Pa. Car-door-operating device.....	836,830	Nov. 27	3865	824	125	1089
Sage, Ralph V., Westmont, Pa. Metal sheet-piling.....	836,832	Nov. 27	3869	825	125	1090
Sage, Ralph V., Westmont, Pa. Metallic sheet-piling.....	836,833	Nov. 27	3870	825	125	1090
Sage, Ralph V., and G. E. Thackray, Westmont, Pa. Splice-bar.....	836,831	Nov. 27	3867	824	125	1090
Sage, Richard E., Paw Paw, Mich. Sign-board.....	829,090	Aug. 21	2805	590	123	2434
Sagee, Charles W., assignor to Hero Fruit Jar Company, Philadelphia, Pa. Machine for molding glass.....	810,570	Jan. 23	4024	828-9	120	1000
Sager, E. E., et al. (See Dieterich, Albert E., assignor.)						
Sager, Franklin P., Maplewood, Ohio. Clothes-drainer.....	812,884	Feb. 20	2726	600	120	2169
Sager, Frederick, assignor to J. H. Sager, Rochester, N. Y. Means for cooling hot bodies.....	833,486	Oct. 16	2994	635	124	2029
Sager, Fredrick. (See Hardenburg and Sager.)						
Sager, James H. (See Sager, Frederick, assignor.)						
Sager, James H., assignor to J. H. Sager Company, Rochester, N. Y. Controlling-spring for vehicles.....	830,454	Sept. 4	1118	235	124	277
Saget, Jules L., New Orleans, La. Firearm.....	817,937	Apr. 17	2774	600-1	121	2079
Saget, Jules L., New Orleans, La. Firearm.....	830,370	Sept. 4	947	196	124	233
Sague, George. (See Crump and Sague.)						
Sahlberg, Carl A., Chicago, Ill. Wave-motor.....	808,688	Jan. 2	123	28	120	29
Saighman, Edward S., Chicago, Ill. Massage-applicator.....	810,885	Jan. 23	4622	963-4	120	1129
Saighman, Edward S., Chicago, Ill. Massage appliance.....	816,748	Apr. 3	381	88	121	1444
Saighman, William, Denver, Colo., assignor of one-half to W. S. Lane, Kansas City, Mo. Brace for musical instruments.....	827,183	July 31	5129	1065	123	1362
Saindon, William B., Hoopston, Ill. Anti-horse-motion attachment for vehicles.....	826,690	July 24	4097	850	123	1089
Saint Chamas, Albert E., Chicago, Ill. Wall-bracket.....	824,150	June 26	3797	810	122	2720
Saks & Company. (See Saks, Horace A., assignor.)						
Saks, Horace A., assignor to Saks & Company, New York, N. Y. Lady's automobile-hat.....	811,178	Jan. 30	5224	1092	120	1293
Sakurai, Keizo, San Francisco, Cal. Treating clays containing gypsum.....	818,124	Apr. 17	3139		121	2158
Salcedo, Vicente, Apaseo, Mexico. Vaginal irrigating device.....	825,761	July 10	2246	467	123	593
Salchli, John F., Frankfort, Ky. Garment-clasp.....	821,748	May 29	5561	1183	122	1470
Salem Glass Works. (See McElherron, Thomas J., assignor.)						
Sales, John E., Wrangell, Alaska. Rock-drill.....	828,684	Aug. 14	1986	419	123	2193
Saliger, Alois B. (See Peritz, Bernard, assignor.)						
Saling, Thomas F., Cora, Idaho. Flush hinge.....	809,137	Jan. 2	1024	212	120	225
Salisbury, Alsom E., Toledo, Ohio. Rat-trap.....	830,009	Sept. 4	194	34	124	48
Salisbury, Bert E., Syracuse, assignor to Pass & Seymour, Incorporated, Solvay, N. Y. Electric receptacle.....	833,342	Oct. 16	2677	564	124	1955
Salisbury, Bert E., Syracuse, assignor to Pass & Seymour, Incorporated, Solvay, N. Y. Electrical receptacle.....	838,811	Dec. 18	3042	656	125	2193
Salisbury, Henry, Brooklyn, N. Y. Belt-holder.....	824,745	July 3	91	17-18	123	27
Sallé, Edouard. (See Blein and Sallé.)						
Salmen, Carl R., Montreal, Canada, assignor of four-fifths to J. Fisher, F. Sarlay, Catasauqua, Pa., J. Mrazay and E. Firnez, Montreal, Canada. Fire-lighting apparatus.....	813,453	Feb. 27	3869	848	120	2474
Salmen, Carl R., Montreal, Canada, assignor of four-fifths to J. Fisher, F. Sarbay, Catasauqua, Pa., J. Mrazay and E. Firnez, Montreal, Canada. Automatic car-coupling.....	817,095	Apr. 3	1072	222	121	1596
Salmon, Frederick W., assignor to Murray Iron Works Company, Burlington, Iowa. Engine-bed.....	809,466	Jan. 9	1746	360	120	418
Salmon, Michael A., Denver, Colo. Nail-receptacle.....	818,978	Apr. 24	4855	1043	121	2582
Salmon, Wilmer W., Buffalo, N. Y. Signaling system.....	821,381	May 22	4820	1024	122	1252
Salmon, Wilmer W., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Railway switching and signaling apparatus.....	821,435	May 22	4940	1049-50	122	1277
Salmon, Wilmer W., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Railway-switch operating and controlling apparatus.....	832,165	Oct. 2	297	56-7	124	1285
Salmon, Wilmer W., and F. L. Dodgson, assignors to General Railway Signal Company, Buffalo, N. Y. Railway switching and signaling apparatus.....	832,166	Oct. 2	302	57	124	1286

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'E.	Vol.	Page.
Salokar, Andrew W., Lewiston, Idaho. Fly-escape.....	831,380	Sept. 18	2977	632	124	803
Salter, James. (See Beard and Salter.)						
Saltonstall, Nathaniel, Battletcreek, Mich. Brooder.....	809,631	Jan. 9	2069	429-30	120	486
Saltzman, Joseph. (See Replogle, James B., assignor.)						
Salvador, Johann, Harrisburg, Pa. Game.....	838,461	Dec. 11	2371	514	125	1987
Salvé, John M., Jr., New York, N. Y. Gauntlet.....	829,739	Aug. 28	4204	890	123	2824
Salviolo, Carmine J., New York, N. Y. Suit-case lock.....	824,590	June 26	4690	997	122	2911
Salzer, Bruno, and G. Walther, Chemnitz, Germany. Means of converting constant oscillatory motion into rectilinear motion.....	810,308	Jan. 16	3446	712	120	836
Salzer, Bruno, and G. Walther, Chemnitz, Germany. Variable cam.....	810,353	Jan. 16	3543	728-9	120	857
Salzer, Bruno, and G. Walther, Chemnitz, Germany. Shuttle-driving mechanism for embroidering-machines.....	825,485	July 10	1626	339	123	441
Salzmann, Benno, Berlin, Germany. Jack-cord distributor.....	812,236	Feb. 13	1461	320	120	1858
Salzmann, Benno, Berlin, Germany. Telephone-exchange.....	815,042	Mar. 13	2093	439	121	512
Samelius, William H. (See Davis and Samelius.)						
Sammis, Frank R., Stratford, Conn. Ditching-machine.....	823,191	June 12	1943	401	122	2201
Sampere, Jose, New York, N. Y., assignor to Regina Company, Rahway, N. J. Tone-modulating device for pianos.....	812,237	Feb. 13	1462	320-1	120	1859
Sampere, Jose, assignor to Regina Company, Rahway, N. J. Automatic piano-player.....	816,605	Apr. 3	1118	26	121	1383
Sample, A. C. (See De Moss, Henry, assignor.)						
Sampson, Harrison, Coleman, Mich. Adjustable name-holder.....	833,247	Oct. 16	2482	520	124	1904
Sampson, Winslow F., Medford, assignor of one-half to L. Seyster, Boston, Mass. Compound sealing-ladder.....	819,929	May 8	1780	383	122	462
Sams, James S., Warren, Ohio. Attachment for fertilizer-spreaders.....	835,641	Nov. 13	1525	325-6	125	429
Samson, Milton H., Chicago, Ill. Incandescent gas-burner.....	827,755	Aug. 7	123	27	123	1700
Samuel C. Tatum Company. (See Mendenhall, Walter S., assignor.)						
Samuel J. Shimer and Sons. (See Shimer, Elmer S. and G. S., assignors.)						
Samuel Winslow Skate Co. (See Everett, Otis W., assignor.)						
Samuel Winslow Skate Mfg. Company. (See Everett, Otis W., assignor.)						
Samuelli, Charles A., Easton, Ill. Decoy.....	811,587	Feb. 6	106	23	120	1508
Samuelli, Charles A., assignor of one-half to A. H. Penewitt, Easton, Ill. Decoy-duck-tethering device.....	811,586	Feb. 6	106	23	120	1508
Samuels, Barney and D., Leavenworth, Kans. Railway-signal.....	838,752	Dec. 18	2920	629	125	2164
Samuels, David. (See Samuels, Barney and D.)						
Samuels, Jacob, Chicago, Ill., assignor to Bee-Hive Fly Catcher Company, Kenosha, Wis. Insect-catcher.....	811,875	Feb. 6	648	142	120	1623
Samuelson, Edward H., Boone, Iowa. Cement-block lifter.....	824,822	July 3	284	51	123	79
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Controller for turbines.....	809,847	Jan. 9	2469	513-14	120	576
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Governing mechanism for elastic-fluid turbines.....	811,249	Jan. 30	5367	1120	120	1326
Sanborn, Gertrude V., Chicago, Ill. Game-board.....	834,494	Oct. 30	5214	1107	124	2666
Sanborn, Moses L. (See Nolan and Sanborn.)						
Sanborn, Moses L., Boston, Mass. Check-valve.....	812,885	Feb. 20	2727	600	120	2170
Sanborn, Moses L., Boston, Mass. Insect-destroyer.....	828,972	Aug. 21	2562	542	123	2369
Sanborn, William S., Belmont, Mass. Sash-weight.....	832,701	Oct. 9	1375	278	124	1584
Sandage, William L., assignor to National Voting Machine Company, Indianapolis, Ind. Interlock mechanism for voting-machines.....	819,026	Apr. 24	4944	1061-2	121	2602
Sandage, William L., assignor to National Voting Machine Company, Indianapolis, Ind. Key construction for registering-machines.....	824,885	July 3	415	79-80	123	114
Sandall, Arthur, York, Nebr. Tool.....	831,477	Sept. 18	3154	668	124	848
Sandall, Arthur, York, Nebr. Egg-beater.....	832,504	Oct. 2	972	194	124	1446
Sandberg, Andrew, Anaconda, Mont. Screen-door fastening.....	815,638	Mar. 20	3326	697	121	833
Sandberg, Emil, New York, assignor of one-half to W. H. Anderson, Brooklyn, N. Y. Tenoning-machine.....	834,938	Nov. 6	118	24	125	34
Sandberg, William. (See Norem and Sandberg.)						
Sandborg, Carl A., Bloomington, Ill. Rotary engine.....	812,368	Feb. 13	1714	376-7	120	1916
Sandefur, Elvis P., Manda, Ky. Railway-rail joint.....	818,298	Apr. 17	3493	750	121	2233
Sandefur, James P., Stamford, Tex. Trap.....	834,495	Oct. 30	5214	1107-8	124	2666
Sandell, Henry K., assignor to Mills Novelty Company, Chicago, Ill. Shafting.....	832,979	Oct. 23	4129	877-8	124	2347
Sandeman, Harry, London, England. Attachment for golf or tennis boots or shoes.....	825,869	July 10	2440	509	123	641
Sander, Henry C., Newark, N. J. Meat-chopper.....	820,980	May 22	4639	858-9	122	1079
Sanders, Charles Z., Sacramento, Cal. Anchor emergency air-brake.....	809,632	Jan. 9	2073	430	120	487
Sanders, David E., Sistersville, W. Va. Cable-support.....	826,361	July 17	3379	698	123	886
Sanders, David P., Reading, Pa. Brick-machine.....	835,201	Nov. 6	651	134	125	166
Sanders, Ida M., Westport, Tenn. Package-tie.....	828,512	Aug. 14	1656	349	123	2110
Sanders, James E., Dalton, Ga. Pea hulling and separating machine.....	838,277	Dec. 11	2025	436-7	125	1900
Sanders, Joseph, Washington, D. C. Gramophone.....	834,326	Oct. 30	4884	1034	124	2582
Sanders, Louis, New York, N. Y. Buckle.....	822,080	May 29	6185	1318	122	1611
Sanders, Newell, Chattanooga, Tenn. Expanding wheeled plow.....	822,632	June 5	810	165	122	1906
Sanders, Newell, Chattanooga, Tenn. Disk plow.....	831,190	Sept. 18	2604	548	124	707
Sanders, Stephen P., Cupertino, Cal. Carbureter.....	810,087	Jan. 16	2974	621	120	739
Sanders, Wilbur E., Helena, Mont., assignor of one-half to T. C. De Sollar, Denver, Colo. Car-axle journal-box.....	819,675	May 1	1257	274	122	282
Sanders, William, assignor of two-thirds to J. E. Yount and E. G. Rankin, St. Louis, Mo. Churn.....	830,010	Sept. 4	195	34	124	48
Sanderson, Edwin N., et al. (See Haller and Billingsley, assignors.)						
Sanderson, Homer A., Detroit, Mich., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	827,942	Aug. 7	492	101	123	1793
Sanderson, James G., Scranton, assignor of one-half to A. D. Blackington, Dunmore, Pa. Street-cleaner.....	816,606	Apr. 3	120	26	121	1383
Sanderson & Porter. (See Lang, William H., assignor.)						
Sanderson, Thomas C., West New Brighton, N. Y. Tire for vehicles.....	820,673	May 15	3328	714	122	860
Sanderson, Thomas C., West New Brighton, N. Y. Tire for vehicles.....	820,738	May 15	3450	739	122	888
Sanderson, Thomas C., West New Brighton, N. Y. Tire for vehicles and making the same.....	822,021	May 29	6068	1293	122	1583
Sanderson, William H., Dayton, Ohio. Platform-scale.....	825,279	July 3	1167	247	123	304
Sanderson, William H., assignor to Computing Scale Company, Dayton, Ohio. Scale.....	824,886	July 3	418	80-1	123	114
Sandham, Frederick, Los Angeles, Cal. Hinge.....	823,443	June 12	2434	513	122	2305
Sandison, William M., Ashfield, Ayton, Scotland, assignor of one-half to H. G. McKerrow, Newton, Mass. Prevention and laying of dust in roads, &c.....	813,389	Feb. 20	3728	.....	120	2384
Sandler, Philip, Los Angeles, Cal. Sewing-machine guide.....	820,523	May 15	3056	658	122	802
Sandler, Erich, assignor to American Suction Gas Producer Company, Lansing, Mich. Governor for suction gas-producers.....	809,848	Jan. 9	2471	514	120	576
Sandler, Erich, assignor to American Suction Gas Producer Company, Lansing, Mich. Gas-producer.....	809,849	Jan. 9	2472	514	120	577

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Sandner, Erich, assignor to American Suction Gas Producer Company, Lansing, Mich. Gas-producer.....	824,384	June 26	4260	907	122	2817
Sands, John, Oakland, Cal. Manufacture of building-blocks.....	839,650	Dec. 25	4721	1009	125	2648
Sands, Louis C., assignor to Oil Well Supply Company, Pittsburg, Pa. Pipe-coupling..	814,806	Mar. 13	1630	342	121	415
Sands, Robert. (See Stephan, Adam, assignor.)						
Sands, Walter E., Brooklyn, assignor to L. A. Thompson Scenic Railway Company, New York, N. Y. Electric block-signal for railways.....	819,808	May 8	1547	328-9	122	408
Sands, Walter E., Brooklyn, assignor to L. A. Thompson Scenic Railway Company, New York, N. Y. Electric block-signal.....	836,895	Nov. 27	3984	851	125	1121
Sandvoss, Hermann, Neuss, Germany. Signal apparatus.....	838,141	Dec. 11	1752	376	125	1835
Sandy Hill Iron and Brass Works. (See Packer, James W., assignor.)						
Sanfilippo, Ignazio, Casteltermi, Italy. Ore-roasting furnace.....	820,138	May 8	2277	495	122	570
Sanford-Burton, Harry, Oxford, England. Grinding stone and disk employed in mechanical and operative dentistry.....	813,348	Feb. 20	3651	800	120	2367
Sanford, Clifford F., Bowling Green, Ohio. Building-block machine.....	836,608	Nov. 20	3370	718-19	125	929
Sanford, Frank F. (See Black and Sanford.)						
Sanford, Frank W., Schenectady, N. Y., assignor to General Electric Company. Snap-switch.....	818,299	Apr. 17	3494	750	121	2234
Sanford, William W., Newark, assignor of one-half to F. D. Bennett, Freehold, N. J. Fountain-pen.....	828,973	Aug. 21	2563	542	123	2369
Sangamo Electric Company. (See Lanphier, Robert C., assignor.)						
Sanger, John N., assignor, by mesne assignments, to Fred Adeo Company, New York, N. Y. Flushing device.....	822,306	June 5	166	33	122	1764
Sanguinetti, Herbert, London, England. Oscillating cylindrical pulp-strainer.....	810,813	Jan. 23	4474	929-30	120	1098
Sanguinetti, Herbert, London, England. Oscillating cylindrical pulp-strainer.....	817,007	Apr. 3	921	190	121	1562
Sangwell, Joseph, Devonport, England. Vehicle-wheel.....	826,065	July 17	2819	586	123	752
Sanitary Can Machinery Company. (See Brenzinger, Julius, assignor.)						
Sanitary Cow Milking Company. (See Good, Ezra E., assignor.)						
Sanitary Manufacturing Company. (See Henn, William A., assignor.)						
Sanitary Sectional Brush Company. (See Fettes, Charles A., assignor.)						
Sanitary Stopper Company. (See McAnulty, John A., assignor.)						
Sankey, William A., Sutton, assignor to F. Reddaway, Manchester, England. Pneumatic-tire cover.....	809,530	Jan. 9	1864	387	120	444
Sanner, Christopher J. (See Smith, William O., assignor.)						
Sano, Kashichi, Tokyo, Japan. Seamless-bottom sack or bag and making the same.....	822,081	May 29	6186	1318	122	1612
Sano, Kashichi, Tokyo, Japan. Seamless bag or sack and making the same.....	822,155	May 29	6334	1347	122	1646
Sansom, Edward H., Goodwick, England. Rock and ore breaking machine.....	817,672	Apr. 10	2209	471	121	1898
Santini, Adolphus P., Buenavista, Fla. Bicycle attachment.....	810,814	Jan. 23	4476	931	120	1098
Sarafian, Hoveep, Yonkers, assignor to N. Costikyan, New York, N. Y. Woven fabric.....	820,825	May 15	3650	779	122	931
Saranac Machine Co. (See Ray and Craig, assignors.)						
Sarason, Leopold, Berlin, assignor to C. F. Boehringer & Soehne, Mannheim-Waldhof, Baden, Germany. Milk-preserve and making same.....	809,138	Jan. 2	1025		120	225
Sarbach, Edward J., Lakewood, Ohio. Bending-tool.....	830,104	Sept. 4	389	79	124	96
Sargent, Alson C., Des Moines, Iowa. Dental handpiece.....	837,423	Dec. 4	293	71	125	1429
Sargent, Charles E., Chicago, Ill. Gas-calorimeter.....	816,042	Mar. 27	4176	885	121	1067
Sargent, Charles E., Greenville, Ill. Farm-gate.....	822,156	May 29	6335	1347-8	122	1646
Sargent & Company. (See Carroll and Mara, assignors.)						
Sargent & Company. (See Sargent, Edward R., assignor.)						
Sargent & Company. (See Sargent, Henry B., assignor.)						
Sargent and Company. (See Sargent and Page, assignors.)						
Sargent & Company. (See Shaw, John H., assignor.)						
Sargent & Company. (See Shaw and Page, assignors.)						
Sargent, Edward R., assignor to Sargent & Company, New Haven, Conn. Casket-handle.....	810,088	Jan. 16	2977	621	120	739
Sargent, Edward R., assignor to Sargent & Company, New Haven, Conn. Casket-handle.....	825,558	July 10	1799	380	123	482
Sargent, Frank C., Syracuse, N. Y. Railway-car.....	836,834	Nov. 27	3871	825	125	1091
Sargent, George L., New Haven, and A. A. Page, East Haven, assignors to Sargent and Company, New Haven, Conn. Floor-hinge.....	839,425	Dec. 25	4254	909-10	125	2537
Sargent, Henry B., assignor to Sargent & Company, New Haven, Conn. Plane.....	818,472	Apr. 24	3823	822	121	2358
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Wall-receptacle.....	811,795	Feb. 6	493	106	120	1591
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Snap-switch.....	811,796	Feb. 6	494	107	120	1591
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Fixture-switch.....	829,806	Aug. 28	4347	919	123	2861
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Electric switch.....	832,748	Oct. 9	1474	296	124	1608
Sargent, William D., New York, N. Y. Making brake-shoes.....	839,037	Dec. 18	3438	743	125	2290
Sargent, William D., assignor to American Brake Shoe & Foundry Company, New York, N. Y. Making brake-shoes.....	818,300	Apr. 17	3496	751	121	2234
Sargent, Willis H., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Railway-track scale.....	824,591	June 26	4691	997	122	2911
Sargent, Willis H., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Suspension bearing-scale.....	830,856	Sept. 11	1944	408	124	521
Sargent, Willis H., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-scale.....	830,930	Sept. 11	2070	436	124	550
Sarkisian, Dickran M., Malden, Mass. Pole-ring.....	825,762	July 10	2247	457	123	594
Sarlay, Francis, et al. (See Salmen, Carl R., assignor.)						
Sarnia Match Company. (See Hutchinson, William F., assignor.)						
Sarrett, Bertram, Camden, Tenn. Cradle-rocking attachment.....	829,354	Aug. 21	3373	712	123	2576
Sartain, Heraclitus H., Burroughs Cove, Tenn. Air-brake coupling.....	813,390	Feb. 20	3730	819	120	2384
Sartain, Louis M., Coalmont, Tenn. Train-pipe coupling.....	814,733	Mar. 13	1482	311	121	384
Sartain, Louis M., Coalmont, Tenn. Train-pipe coupling.....	829,895	Aug. 28	4525	954	123	2904
Sartain, Louis M., assignor to J. L. Oliver, Tracy City, Tenn. Self-locking nut and bolt.....	838,462	Dec. 11	2373	514	125	1987
Sartor, Ernest W., Paducah, Ky. Pendulum-beat adjuster.....	819,809	May 8	1550	329	122	409
Sasgen, Michael J., St. Mathias, Minn. Wagon-box and hay-rack lifter.....	810,512	Jan. 23	3914	804-5	120	976
Sassaman, Benjamin F., Gibbstown, N. J. Measuring instrument.....	823,444	June 12	2435	513-14	122	2305
Sasse, William, Chicago, Ill. Air-feeding device.....	815,473	Mar. 20	3009	627	121	763
Sather, Halvor M. (See Peterson and Sather.)						
Satter, Joseph S. (See Meyer and Satter.)						
Sattley Manufacturing Company. (See Weaver, Ira A., assignor.)						
Sattley Stacker Company. (See Bartholomew, John B., assignor.)						
Sauer, Constanze. (See Sauer, Hermann and C.)						
Sauer, George L. (See Fairbanks and Sauer.)						
Sauer, Hermann and C., Lübeck, Germany. Device for hanging wall-mirrors, pictures, and the like.....	820,674	May 15	3328	714	122	860

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Sauer, Rudolph, Minneapolis, Minn. Bottle.....	824,210	June 26	3925	841	122	2748
Saerman, John F., Russellville, Ark. Ore and coal crushing machine.....	814,085	Mar. 6	167	33	121	37
Saugstad, Olaf, assignor to W. B. Wadsworth, Plainfield, N. J. Cut-off socket.....	808,689	Jan. 2	123	29	120	30
Saugstad, Olaf, assignor to W. B. Wadsworth, Plainfield, N. J. Damper-operating motor.....	815,559	Mar. 20	3167	665	121	797
Saugstad, Olaf, assignor to W. B. Wadsworth, Plainfield, N. J. Damper-regulator and motor therefor.....	817,277	Apr. 10	1454	306	121	1738
Saumur, Amédée. (See Lanciaux and Saumur.)						
Saunders, Addison T., Akron, Ohio. Cartridge for air-guns.....	838,511	Dec. 11	2457	534	125	2007
Saunders, Addison T., assignor of one-half to F. A. Seiberling, Akron, Ohio. Ball-rolling machine.....	820,139	May 8	2278	495-6	122	570
Saunders, Addison T., assignor of one-half to F. A. Seiberling, Akron, Ohio. Ball-rolling machine.....	820,140	May 8	2281	496	122	571
Saunders, Addison T. and G. H., Akron, Ohio. Ball-winding machine.....	822,482	June 5	491	100-1	122	1833
Saunders, Alton A., New York, N. Y. Folding bed.....	814,921	Mar. 13	1822	382	121	455
Saunders, Arthur W., and C. O'Neil, Lowell, Mass. Loom-shuttle.....	835,230	Nov. 6	705	146	125	178
Saunders, Augustus M., McKeesport, assignor to National Tube Co., Pittsburg, Pa. Apparatus for the manufacture of pipe.....	825,420	July 10	1501	311	123	409
Saunders, Augustus M., McKeesport, assignor to National Tube Co., Pittsburg, Pa. Apparatus for the manufacture of pipe.....	825,421	July 10	1503	311	123	410
Saunders, Augustus M., McKeesport, assignor to National Tube Co., Pittsburg, Pa. Apparatus for the manufacture of pipe.....	825,486	July 10	1629	339	123	442
Saunders, Augustus M., McKeesport, assignor to National Tube Co., Pittsburg, Pa. Apparatus for the manufacture of pipe.....	825,487	July 10	1631	340	123	442
Saunders, Charles, Saginaw, Mich. Safety gasoline-measuring tank.....	826,116	July 17	2923	606	123	776
Saunders, Daniel G., Jr., Kansas City, Mo. Sash-fastener.....	817,521	Apr. 10	1941	410	121	1842
Saunders, Daniel G., Jr., Kansas City, Mo. Sash-fastener.....	827,184	July 31	5130	1065	123	1362
Saunders, George H. (See Saunders, Addison T. and G. H.)						
Saunders, James W., Reynolds, Ill. Match-box.....	819,603	May 1	1105	244	122	248
Saunders, Jesse G., Lake Park, Ga. Apparatus for distilling turpentine.....	834,759	Oct. 30	5739	1217	124	2800
Saunders, John R. (See Kinyon and Saunders.)						
Saunders, Samuel L., Boston, Mass. Rack for holding boots and shoes.....	836,218	Nov. 20	2612	551	125	746
Saunders, Samuel L., assignor to G. M. Foster, Boston, Mass. Double-signal speed-warning device.....	828,902	Aug. 21	2430	517	123	2336
Saunders, William A., Roxbury, Mass. Bearing for centrifugal machines.....	828,628	Aug. 14	1877	395	123	2166
Saunders, William H., Philadelphia, Pa. Power-transmitting mechanism.....	833,552	Oct. 16	3112	661	124	2057
Saupp, Frank D., Jr. (See Humphrey, McCrory, and Saupp.)						
Saurer, Adolph. (See Kohler, Victor, assignor.)						
Saurer, Firm of Adolph. (See Hertzog, Ludwig, assignor.)						
Saurer, Firm of Adolph. (See Kobler-Stauder, Victor, assignor.)						
Saurman, Benjamin F., Philadelphia, Pa. Railway signaling system.....	832,084	Oct. 2	108	24-5	124	1238
Sautter, Gaston. (See Râteau and Sautter.)						
Sautter, Gaston. (See Râteau and Sautter.) (Reissue.)						
Sautter, Gaston, Paris, France. Governing continuous-current motors.....	826,362	July 17	3380	699	123	886
Savage Safety Brake Company. (See Savage, William H., assignor.)						
Savage, William H., New York, N. Y., assignor to Savage Safety Brake Company. Fluid-pressure brake.....	825,077	July 3	774	161-2	123	207
Savage, William H., New York, N. Y., assignor to Savage Safety Brake Company. Fluid-pressure brake.....	837,965	Dec. 11	1369	298	125	1737
Sauvé, Stanislaus H., assignor of forty-nine one-hundredths to J. H. Robbins, Spokane, Wash. Induction-coil.....	823,973	June 19	3483	744	122	2594
Savage Arms Company. (See Savage, Arthur W., assignor.)						
Savage, Arthur C., Schenectady, N. Y., assignor to General Electric Company. Fuse-clamping terminal.....	815,746	Mar. 20	3578	751	121	887
Savage, Arthur J., Utica, N. Y., assignor to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Firearm.....	810,571	Jan. 23	4025	829	120	1000
Savage, Arthur J., assignor to J. Stevens Arms & Tool Co., Chicopee Falls, Mass. Cartridge-carrier for firearms.....	827,820	Aug. 7	261	53	123	1736
Savage, Arthur W., assignor to Savage Arms Company, Utica, N. Y. Firearm.....	839,517	Dec. 25	4448	949	125	2583
Savage, George E., Meriden, Conn. Water-cooler.....	808,692	Jan. 2	127	29	120	30
Savage, George E., Meriden, Conn. Water-cooler.....	808,781	Jan. 2	325	70	120	72
Savage, George E., assignor to Manning, Bowman & Company, Meriden, Conn. Coffee-percolator.....	814,399	Mar. 6	821	169	121	179
Savage, George E., assignor to Manning, Bowman and Company, Meriden, Conn. Percolator.....	821,124	May 22	4306	916	122	1135
Savage, George E., and J. W. Chapman, assignors to Manning, Bowman and Company, Meriden, Conn. Percolator.....	821,125	May 22	4307	916	122	1136
Savard, Arthur, Omaha, Nebr. Trap for sinks, bath-tubs, and the like.....	814,481	Mar. 6	976	200	121	212
Savelsberg, Joseph, Papenburg, Germany. Treating ores.....	810,572	Jan. 23	4028		120	1000
Savelsberg, Joseph, Papenburg, Germany. Treating matte.....	825,983	July 17	2648		123	708
Savery, Thomas H., Wilmington, Del. Wood-grinder.....	813,834	Feb. 27	4630	1024	120	2641
Savoie, Leo L., New Orleans, La. Rail-joint.....	819,172	May 1	257	55	122	64
Savoie, Leo L., New Orleans, La. Rail-joint.....	825,007	July 3	655	132	123	172
Sawaya, George K., Nashville, Tenn. Umbrella.....	831,381	Sept. 18	2979	633	124	804
Sawdon, Joseph, Stronghurst, Ill. Mailing-envelope.....	817,874	Apr. 17	2642	574	121	2048
Sawdy, Orville H., Iola, Kans. Carpet-sweeper.....	833,343	Oct. 16	2679	564	124	1955
Sawyer, Matthews, assignor of one-half to E. L. Donaldson, Portland, Oreg. Saw-handle.....	816,883	Apr. 3	673	139	121	1507
Sawtelle, Elmer F., Boston, Mass., assignor of one-half to J. Stevens, Valley City, N. D. Eyeglasses.....	827,185	July 31	5132	1066	123	1362
Sawvel, William H., Kansas City, Mo. Self-adjusting window-screen.....	816,940	Apr. 3	789	162	121	1534
Sawyer, Almont T., Milford, Mass. Clamp for beds.....	826,363	July 17	3382	699	123	886
Sawyer Crystal Blue Company. (See Holway, Alvah W., assignor.)						
Sawyer, Edward C., Chicago, Ill. Locomotive-headlight.....	827,943	Aug. 7	495	102	123	1794
Sawyer, Foster and Hardy. (See Bridge and Ellis, assignors.)						
Sawyer, Frank M., Charlotte, N. C. Building-block.....	812,369	Feb. 13	1716	377	120	1917
Sawyer, Frank M., Charlotte, N. C. Mold for molding tiles and similar articles.....	813,590	Feb. 27	4142	908	120	2536
Sawyer, Frank M., Charlotte, N. C. Tile-mold.....	829,896	Aug. 28	4526	955	123	2904
Sawyer, Frank M., Charlotte, N. C. Tile-mold.....	833,419	Oct. 16	2836	602	124	1993
Sawyer, Fred L., and J. H. Fulford, Americus, Ga. Bagging and weighing machine.....	819,930	May 8	1782	383-4	122	462
Sawyer, James, Golden City, Mo. Sash-holder.....	832,505	Oct. 2	973	194	124	1446
Sawyer Spindle Company. (See Draper, George O., assignor.)						
Sawyer, William B., assignor of one-third to S. G. Armstrong, Riverside, Cal. Tire.....	826,612	July 24	3964	821	123	1055
Saxen, William, Worcester, Mass. Rotary toy for baby or doll carriages.....	813,391	Feb. 20	3731	820	120	2384
Saxton, Edmund L., Lansing, Mich. Tape-compasses.....	838,463	Dec. 11	2375	515	125	1987
Saxton, Edmund L., Lansing, Mich. Measuring-tape.....	809,139	Jan. 2	1026	212	120	225

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drg.	Vol.	Page.
Saxton, T. W. (See Hammer, Joseph H., assignor.)						
Sayer, Edmund S., Jr., Oklahoma, Okla. Ter. Field chest and desk	823,700	June 19	2962	627	122	2480
Sayer, Robert C., Bristol, England. Bridging horizontal and vertical spaces	812,952	Feb. 20	2864	631-3	120	2201
Sayer, Robert C., Bristol, England. Electric transmission	825,245	July 3	1102	233-4	123	288
Sayer, William H., Adams, Oreg. Bolt-heading implement	839,651	Dec. 25	4725	1009	125	2649
Sayers, Everett, Braddyville, Iowa. Wagon-body cleat	826,117	July 17	2924	606	123	777
Sayers, William B., Glasgow, Scotland. Driving turbines	818,856	Apr. 24	4626	993-4	121	2531
Sayers, William B., Glasgow, Scotland. Means for driving turbines	821,436	May 22	4942	1050	122	1278
Sayger, Peter C. (See Miller and Sayger.)						
Sayle, James H. (See Hughes, Johnson, and Sayle.)						
Sayles, Arthur. (See Ash and Sayles.)						
Saylor, Abraham B. (See Sharpe, John, assignor.)						
Sayre, Joseph J., assignor to J. J. Sayre & Son, Cincinnati, Ohio. Burning-brand	830,371	Sept. 4	950	196	124	233
Sayre, Mark E., Byesville, Ohio. Game apparatus	831,802	Sept. 25	3825	801-2	124	1062
Sayre & Son, Jos. J. (See Sayre, Joseph J., assignor.)						
Sayre, Thomas S., Cape May, N. J. Lawn-mower	818,301	Apr. 17	3498	751	121	2234
Sayward, Joseph A., Victoria, British Columbia, Canada. Appliance for loading and unloading lumber-trucks	831,686	Sept. 25	3618	759	124	1009
Scales, Richmond P., and J. F. McElroy, assignors to Consolidated Car Heating Company, Albany, N. Y. Automatic steam-trap	824,441	June 26	4388	933	122	2842
Scales, William S., Medford, assignor, by mesne assignments, to Mercantile Trust Company, trustee, Boston, Mass. Weighing-machine	826,475	July 17	3593	749	123	939
Scales, William S., assignor, by mesne assignments, to Mercantile Trust Company, trustee, Boston, Mass. Box or carton setting-up machine	827,671	July 31	6186	1284-5	123	1624
Scanlan, Sam G., Madison, Wis. Sterilizer and pasteurizer	827,396	July 31	5527	1150	123	1459
Scanlon, John S. (See Scanlon and Arnold.)						
Scanlon, Mary E. (See Scanlon and Arnold, assignors.)						
Scanlon, Michael L. and J. S., and A. A. Arnold; said Michael L. and J. S. Scanlon assignors of one-fourth to M. E. Scanlon, Galion, Ohio. Hose-coupling	810,354	Jan. 16	3545	729	120	857
Scanlon, Patrick. (See Riddle, George W., assignor.)						
Scarborough, William W., and C. E. Schultz, Knoxville, Tenn. Pneumatic-tire protector	822,307	June 5	167	34	122	1765
Scarr, Abraham C., assignor of one-half to J. M. Armstrong, Harriston, Ontario, Canada. Railway turn-table	830,455	Sept. 4	1120	235	124	277
Scarritt, Sanford G. (See Fassett, Francis K., assignor.)						
Schaad, Henry D., Chicago, Ill. Bottle	823,639	June 19	2855	604	122	2458
Schaad, Irene, Lucerne, Switzerland. Coupling-joint for pipe-sections	813,454	Feb. 27	3870	848	120	2474
Schaade-Vogeli, Adam, Oberhallau, Switzerland. Driving mechanism for velocipedes	827,571	July 31	5963	1237	123	1563
Schaaf, Albert E., and F. S. Davis, Toledo, Ohio. Automobile-frame	813,175	Feb. 20	3311	728	120	2297
Schaaf, Jakob, Frankfurt-on-the-Main, Germany. Repetition-action for pianos	818,473	Apr. 24	3824	823	121	2358
Schaaf, John W. (See Terrell and Schaaf.)						
Schaaf, Peter L., Botkins, Ohio. Fence-post mold	823,139	June 12	1837	379	122	2176
Schaal, Frederick E., Seward, Nebr. Cultivator	816,382	Mar. 27	4889	1039	121	1220
Schaal, Karl, Seward, Nebr. Harrow attachment for sulky-plows	839,038	Dec. 18	3440	743-4	125	2290
Schaap, Herman M. (See Blake, John F., assignor.)						
Schachner, Edward E., Denver, Colo. Concrete-wall house construction	824,823	July 3	286	51	123	79
Schacht, Julius, assignor to S. C. Hirschberg, New York, N. Y. Thermometer	819,380	May 1	708	149	122	161
Schade, Calvin K., Canton, Ohio. Lantern	832,167	Oct. 2	304	57	124	1287
Schade, Calvin K., Canton, Ohio. Lantern	836,144	Nov. 20	2465	518	125	710
Schade, Edmund A., assignor to Stanley Rule & Level Company, New Britain, Conn. Screw-driver	814,734	Mar. 13	1483	312	121	385
Schade, Harry J., Los Angeles, Cal. Molding-machine	828,056	Aug. 7	729	150	123	1851
Schade, John, Jr., New York, N. Y. Loose-leaf binder	819,461	May 1	851	183	122	190
Schaefer, August, St. Louis, Mo. Hame-clasp	817,673	Apr. 10	2210	472	121	1898
Schaefer, Charles, Toledo, Ohio. Foot-warmer	825,763	July 10	2248	467-8	123	594
Schaefer, Charles J., Deposit, N. Y. Rail-joint	826,364	July 17	3383	699	123	887
Schaefer, Frederick W., Rockham, S. D. Gate	816,188	Mar. 27	4478	948	121	1132
Schaefer, Julius C., Peoria, Ill. Attachment for electric chandeliers	815,474	Mar. 20	3011	628	121	763
Schaeffer, Frank M., assignor of one-half to S. A. Fletcher, Indianapolis, Ind. Sand-drier	822,022	May 29	6069	1293-4	122	1584
Schaeffer, Frederick W., Chicago, Ill. Fireproof window frame and sash	819,810	May 8	1551	329	122	409
Schaeffer, William G., assignor to W. F. Remppis, Reading, Pa. Cushion-fork for motor-cycles and other vehicles	811,250	Jan. 30	5370	1121	120	1327
Schaeffer, William G., assignor to W. F. Remppis, Reading, Pa. Saddle-post	815,475	Mar. 20	3013	628	121	764
Schaeffer, William G., assignor to W. F. Remppis, Reading, Pa. Adjustable lamp-bracket	821,749	May 29	5562	1183	122	1470
Schaeffling, Charles, Eureka, Utah. Elevator attachment	837,888	Dec. 4	1198	265-6	125	1651
Schaeetzke, Felix, Bochum, Germany. Window sash and tightener	828,513	Aug. 14	1657	349	123	2110
Schafer, Adam, Rossville, Ill. Incubator	830,677	Sept. 11	1596	330	124	428
Schafer, Charles, Violetville, Md. Ironing-board support	820,262	May 8	2522	546	122	625
Schafer, Christian E., Cleveland, assignor of one-half to D. Connelly, Cleveland Heights, Ohio. Street-flushing apparatus	826,890	July 24	4491	934-5	123	1186
Schafer, Ditrich, Sacramento, Cal. Window-ventilator	812,238	Feb. 13	1464	321	120	1859
Schafer, William L., Star, Ill. Plate, pan, or pot lifter	820,141	May 8	2284	497	122	572
Schaffer, Adolf, Vienna, Austria-Hungary. Automatic draft-regulating apparatus for boiler-furnaces	824,824	July 3	287	51-2	123	80
Schaffer, Arthur M. (See Brock and Schaffer.)						
Schaffer, August, Columbus, Ohio. Hose-coupling	815,476	Mar. 20	3013	628	121	764
Schaffer, Frederick F. (See Mahoney, Jeremiah L., assignor.)						
Schaffer, Frederick F., Naugatuck, Conn., assignor to Rubberhide Company. Rubber boot	822,692	June 5	937	191	122	1936
Schaffer, Jacob, New York, N. Y. Handle for washboilers	824,746	July 3	92	18	123	27
Schaffer, Robert W., Limeport, Pa. Vegetable-cutter	829,434	Aug. 28	3536	741	123	2661
Schaffert, Louis, Walton, N. Y. Shovel	815,122	Mar. 13	2248	471	121	546
Schafges, Peter, Claremore, Ind. Ter. Gate	832,342	Oct. 2	659	125	124	1370
Schalk, Hermann A., New York, N. Y. Fermenting wort	831,748	Sept. 25	3725	779	124	1036
Schalk, Hermann A., New York, N. Y. Apparatus for fermenting wort	838,812	Dec. 18	3043	656	125	2194
Schaller, Otto, Steglitz, near Berlin, assignor to Firm of J. Pintsch, Berlin, Germany. Electric coupling	820,604	May 15	3199	688	122	833
Schallinger, Carl, and M. Sondergaard, Hutchinson, Minn. Aerating device for pasteurizing	817,875	Apr. 17	2644	574	121	2048
Schalscha, Max, et al. (See Henderson, Alexander, assignor.)						
Schampel, William J., and C. H. Rasmussen, Chicago, Ill. Spring-wheel	839,652	Dec. 25	4726	1010	125	2649
Schanck, Henry S. (See Ely, Danser, and Schanck.)						
Schanz, Friedrich A., Dresden, Germany. Sight for firearms	836,835	Nov. 27	3874	826	125	1092
Schaperjahn, Herman, New York, N. Y. Confectionery-machine	826,118	July 17	2925	607	123	777

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Schardt, August. (See Sudekum, William, assignor.)						
Schärer, Arnold, New York, N. Y. Hair-waving device.	830,372	Sept. 4	952	197	124	234
Schärer, Arnold, New York, N. Y. Hair-waver.	837,735	Dec. 4	922	208	125	1584
Scharfenberg, Oswald. (See Herzberg and Scharfenberg.)						
Scharff, Ernst, Frankfort-on-the-Main, Germany. Safety-razor.	830,105	Sept. 4	390	80	124	96
Scharff, Ernst, Frankfort-on-the-Main, Germany. Hair-cutter.	835,259	Nov. 6	771	161	125	195
Scharps, Albert T. (See Ashley, Frank M., assignor.)						
Scharps, Albert T., <i>et al.</i> (See Ashley, Frank M., assignor.)						
Schatfner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Motor-starter.	816,383	Mar. 27	4891	1039	121	1220
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Resistance unit.	829,174	Aug. 21	3013	630	123	2487
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Metering system.						
Schatz, Emil, Frankfort-on-the-Main, Germany. Apparatus for gas analysis.	831,478	Sept. 18	3155	668	124	849
Schatzka, Frank, Kaukauna, Wis. Car-coupling.	835,559	Nov. 13	1352	290	125	384
Schaub, Charles M. (See Waugh, Johnson S., assignor.)	835,560	Nov. 13	1353	290-1	125	385
Schaub, Julius W., Chicago, Ill. Concrete road-bed for railways.	819,081	May 1	92	21-2	122	25
Schauer, John W., Kalispell, Mont., assignor to Kalispell Manufacturing & Improvement Company. Grain-conveyor.	819,676	May 1	1259	274	122	282
Schauffler, Frederick H., New York, N. Y. Testing instrument.	827,397	July 31	5530	1150	123	1459
Schauffler, Frederick H., New York, N. Y. Place and position indicator.	831,382	Sept. 18	2980	633	124	804
Schaum, Otto W., Philadelphia, Pa. Warp supporting and guiding means.	824,310	June 26	4101	877	122	2785
Schaum, Otto W., Philadelphia, Pa. Antivibration device for vehicles.	832,626	Oct. 9	1230	247	124	1550
Schaum, Otto W., Philadelphia, Pa. Molding-machine.	838,908	Dec. 18	3211	694	125	2233
Schauman, Bror M., assignor to himself, M. K. Harr, J. F. Stevens, and J. D. Smith, Philadelphia, Pa. Copying-machine.	822,390	June 5	315	65	122	1794
Schauman, Fridolf. (See Wiman and Schauman.)						
Schauweker, Joseph. (See Lippert, Samuel, assignor.)						
Schayer, Max S., Denver, Colo. Jelly-press.	824,592	June 26	4692	993	122	2911
Schebler, George M. (See Schebler, John M., assignor.)						
Schebler, John M., Hamburg, assignor of one-half to G. M. Schebler, Indianapolis, Ind. Shock-compressor.	812,297	Feb. 13	1599	351	120	1891
Schebler, Theodore N. E., Davenport, Iowa. Conductor-pipe holder.	820,991	May 22	4042	859	122	1079
Scheck, Wilhelm W. E., Helsa, near Cassel, Germany. Wire-fabric tube for wheel-tires.	828,514	Aug. 14	1659	349-51	123	2110
Schedler, Arnold, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Red azo dye and making same.	837,736	Dec. 4	924		125	1585
Scheel, Richard O., Philadelphia, Pa. Window.	813,455	Feb. 27	3871	818	120	2474
Scheele, Henry, Milwaukee, Wis. Turbine-engine.	808,950	Jan. 2	648	141	120	143
Scheele, Walter T., assignor to W. J. Hooper, Baltimore, Md. Preserving organic matter.	818,979	Apr. 24	4857	1944	121	2582
Scheele, Walter T., assignor to W. J. Hooper, Baltimore, Md. Apparatus for preserving by liquid air.	820,442	May 15	2871	625	122	759
Scheer, Charles, Silverton, Colo. Boiler-flue cleaner.	815,043	Mar. 13	2095	440	121	512
Scheer, Herman F. (See Gibson, Levi D., assignor.)						
Schehr, George A., Cincinnati, Ohio. Drop-handle for coffins.	809,467	Jan. 9	1747	361	120	418
Schehr, George A., Cincinnati, Ohio. Drop-handle.	814,735	Mar. 13	1484	312	121	385
Scheibal, Franz, <i>et al.</i> (See Themke, Louis E. L., assignor.)						
Scheibe, Edgar F., New York, N. Y., assignor to Submarine Gold Mining Company. Submarine mining.	809,633	Jan. 9	2075	430	120	487
Scheibner, John, Beaver Falls, Pa. Invalid's folding table.	826,805	July 24	4308	896	123	1142
Scheiffler, George D., assignor, by mesne assignments, to G. A. McKeel and Company, Limited, Jackson, Mich. Roller-bearing.	818,919	Apr. 24	4736	1016	121	2556
Schellenbach, William L., Cincinnati, Ohio. Variable-speed driving mechanism.	816,128	Mar. 27	4353	922-3	121	1105
Scheller, Henry, Brooklyn, N. Y. Sash-ventilator.	831,479	Sept. 18	3158	668	124	849
Schelling, Hermann F., Weehawken, N. J. Lathering apparatus.	834,760	Oct. 30	5740	1218	124	2800
Schelling & Staubli. (See Marschner, Emil, assignor.)						
Scheman, George, Winthrop, Minn. Display-cabinet.	839,426	Dec. 25	4256	910	125	2537
Schemel, Abraham, Yonkers, N. Y. Jacket for foot-ball players.	836,896	Nov. 27	3988	851	125	1122
Schenbeck, John, Chicago, Ill. Wind-motor.	827,038	July 24	4756	992-3	123	1251
Schenck, August, assignor of one-third to M. Fallon, J. Siegler, and C. Cornacker, Chicago, Ill. Non-refillable bottle.	815,639	Mar. 20	3327	697	121	833
Schenck, Ernest G. H., Orange, N. J. Diamond.	809,531	Jan. 9	1866	387	120	444
Schenck, Martin B., Meriden, Conn. Sheet-metal roller-bearing furniture-caster.	821,750	May 29	5563	1183	122	1470
Schenck, Rudolph, assignor to J. Williamson, Chicago, Ill. Valve for gas-generators.	812,683	Feb. 13	2331	509-10	120	2038
Schenck, Wilkens A., Allegheny, Pa. Vise.	839,039	Dec. 18	3443	744	125	2291
Schendewolf, Fritz, assignor to R. E. Dietz Company, New York, N. Y. Lamp or lantern.	832,815	Oct. 9	1608	330	124	1639
Schendt, Lorenz, Milwaukee, Wis. Confectioner's work-table.	811,179	Jan. 30	5224	1093	120	1293
Schenk, John M., Waterloo, and J. Schenk, Emmetsburg; said J. Schenk assignor to J. H. Stewart, Waterloo, Iowa. Tile-machine.	819,931	May 8	1785	384-5	122	463
Schenk, Joseph. (See Schenk, John M. and J.)						
Scherer, Albert E., Glenville, Ohio. Eaves-trough hanger.	816,941	Apr. 3	791	162	121	1534
Scherer, William J., Arispe, Iowa. Replanting attachment for cultivators.	812,239	Feb. 13	1466	321-2	120	1860
Scherff, Anna M., Wells, Nev. Portable wardrobe.	823,814	June 19	3173	671	122	2526
Scherl, August. (See Meissner, Paul, assignor.)						
Schermack, Joseph J. (See Drake, James H., assignor.)						
Schermerhorn, M. J., <i>et al.</i> (See McNeely, Martin M., assignor.)						
Scherr, Frederick, Roosevelt, N. Y. Evaporator.	828,685	Aug. 14	1989	419	123	2194
Schetzle, Marx P., Oakland, Cal. Race-track observatory.	814,875	Mar. 13	1749	366	121	440
Scheu, William, Philadelphia, Pa. Awning.	819,381	May 1	709	150	122	161
Scheuber, August W. (See Hartford and Scheuber.)						
Scheuble, Rudolf. (See Bibus and Scheuble.)						
Scheuch, George L., Washington, D. C., assignor of one-third to M. Holzbeierlein. Mixer and kneader.	833,089	Oct. 9	2136	449-50	124	1769
Scheuer Factory. (See Milliken, John A., assignor.)						
Scheurman, August P., Kansas City, Mo. Car-ventilator.	838,909	Dec. 18	3214	694	125	2234
Schick, Eugénie, Fly Mountain, N. Y. Self-adjusting belt for supporting catamenial bandages.	813,176	Feb. 20	3312	728	120	2297
Schieble, William E., Miamisburg, assignor to D. P. Clark and Company, Dayton, Ohio. Railway signal system.	827,122	July 31	4961	1035-6	123	1315
Schielke, Herman. (See Steinmann and Schielke.)						
Schiemann, Paul, Dresden, Germany. Electric tool.	824,953	July 3	553	110	123	147
Schiepe, August, Berlin, assignor to H. Friedmann, Charlottenburg, near Berlin, Germany. Rotary casting-machine.	836,053	Nov. 13	2242	480-1	125	603
Schierberg, Frederick A., St. Louis, Mo. Car-register.	818,563	Apr. 24	4029	864	121	2400
Schiff, Sarah G., New York, N. Y. Catamenial garment.	833,849	Oct. 23	3741	795	124	2256
Schiller, Carl, New York, N. Y. Pastry-cup bakeboard.	837,344	Dec. 4	135	34	125	1389

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Schilling, Charles E., Los Angeles, Cal. Display-rack and holder for ties, &c.	829,897	Aug. 28	4528	955	123	2904
Schilling, George W. (See Schilling, John J. and G. W.)						
Schilling, John J. and G. W., Philadelphia, Pa. Cutter for tongued boards.	833,942	Oct. 23	3948	839	124	2310
Schilling, Michael, Central Park, N. Y. Rotary hoe.	828,575	Aug. 14	1786	377	123	2143
Schilling, Otto. (See Harris, Alonzo, assignor.)						
Schmelpfennig, Michael. (See Steinert and Schmelpfennig.)						
Schimmel, Arthur, Evansville, Ind. Street-indicator.	833,248	Oct. 16	2483	521	124	1904
Schimmel, Gustav R., Detroit, Mich. Mixing-tile.	812,953	Feb. 20	2867	633	120	2202
Schimmel, Hermann, Charlottenburg, Germany, assignor, by mesne assignments, to Germantown Real Estate, Deposit and Trust Company, trustee, Philadelphia, Pa. Means for automatically lighting gas.	825,764	July 10	2250	468	123	594
Schimmel, Hermann, Charlottenburg, Germany, assignor, by mesne assignments, to Germantown Real Estate, Deposit and Trust Company, trustee, Philadelphia, Pa. Making self-igniters for gas.	825,765	July 10	2252		123	595
Schimmel, John, Jr., Olean, N. Y. Stamp-affixing apparatus.	820,739	May 15	3451	739-40	122	888
Schindewolf, Fritz, assignor to R. E. Dietz Company, New York, N. Y. Spring-fastening.	831,803	Sept. 25	3826	802	124	1062
Schipke, Adolph, St. Louis, Mo. Paper-hanger's straight-edge holder.	835,892	Nov. 13	1984	419	125	540
Schirmacher, Karl. (See Schmidt and Schirmacher.)						
Schirmacher, Karl, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Vat-dye and making same.	823,294	June 12	2165		122	2249
Schirmacher, Karl, assignor to Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Azo dye and making same.	837,128	Nov. 27	4478		125	1238
Schirmacher, Karl, and F. Schmidt, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-oxyazo dye.	826,279	July 17	3218		123	846
Schirmacher, Karl, and F. Schmidt, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-oxyazo dye.	826,280	July 17	3219		123	846
Schirmacher, Karl, F. Schmidt, C. Pretzell, and W. Schumacher, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-oxymono-azo dye and making same.	827,468	July 31	5738		123	1508
Schirmer, Baldwin F., Cleveland, Ohio. Filter.	813,327	Feb. 20	3616	793	120	2360
Schirmer, Edward E. (See Kootz and Schirmer.)						
Schirra, Julius, assignor to F. Lackner, trustee, Pittsburg, Pa. Surface covering.	825,870	July 10	2441	509	123	641
Schirra, Julius, Pittsburg, assignor of two-thirds to M. B. Hall and W. C. Rae, Allegheny, Pa. Anchoring device for concrete construction.	831,804	Sept. 25	3828	802	124	1062
Schisgall, Solomon, New York, N. Y. Chain.	809,015	Jan. 2	778	168	120	171
Schlangen, Simon, assignor to Economical Beer Bung Company, Chicago, Ill. Filling apparatus for liquids.	828,057	Aug. 7	732	150-2	123	1852
Schlappbach, F. M., et al. (See Cummings, James N., assignor.)						
Schlared, Charles, assignor of three-fourths to M. H. Neil and J. Webb, Columbus, Ohio. Car-coupling.	822,483	June 5	499	101	122	1835
Schlatter, Alfred, and L. Deutsch, Budapest, Austria-Hungary. Apparatus for analysis of gases.	813,671	Feb. 27	4299	946	120	2569
Schleede, Frederick J., Ann Arbor, Mich. Temporary binder.	838,813	Dec. 18	3044	656	125	2194
Schlegel, Bernhard, New York, N. Y. Valve for vents.	820,142	May 8	2285	497	122	572
Schlegel, Charles P., assignor to Schlegel Manufacturing Company, Rochester, N. Y. Skirt-binding.	835,834	Nov. 13	1874	397	125	516
Schlegel Manufacturing Company. (See Schlegel, Charles P., assignor.)						
Schleicher, John C., Mount Vernon, N. Y. Vehicle-wheel.	816,189	Mar. 27	4479	948-9	121	1133
Schleicher, John C., Mount Vernon, N. Y. Vehicle-wheel.	818,198	Apr. 17	3298	705	121	2193
Schleicher, John C., Mount Vernon, N. Y. Means for removably attaching tires upon vehicle-wheels.	831,632	Sept. 25	3481	730	124	969
Schleicher, John C., Mount Vernon, N. Y. Damper for talking-machines.	837,585	Dec. 4	612	142	125	1505
Schleicher, William A., Cleveland, Ohio. Fifth-wheel.	815,044	Mar. 13	2096	440	121	512
Schlemmer, George, New York, N. Y. Stop-valve.	824,442	June 26	4390	933	122	2843
Schlesinger, Bruno, and E. G. Weldon, Johannesburg, Transvaal. Safety-gear for mine skips, cages, &c.	825,353	July 10	1326	280-1	123	363
Schlesinger, Julius. (See Cattaneo and Schlesinger.)						
Schlesinger, Louis, Milwaukee, Wis. Printing apparatus.	830,617	Sept. 11	1465	303-4	124	392
Schlesinger, Louis A., et al. (See Mead, Charles, assignor.)						
Schlichter, David A., Brown City, Mich. Silo.	812,298	Feb. 13	1601	351	120	1891
Schlichter, Enos F., assignor to H. T. Schlichter, Philadelphia, Pa. Silo.	817,522	Apr. 10	1943	410	121	1842
Schlichter, Harvey T. (See Schlichter, Enos F., assignor.)						
Schlieder, Augustus E., Buffalo, N. Y., assignor to Monarch Acetylene Gas Company, Omaha, Nebr. Acetylene-gas-generating machine.	829,674	Aug. 28	4054	859-60	123	2790
Schlieder, Augustus E., Buffalo, N. Y., assignor to Monarch Acetylene Gas Company, Omaha, Nebr. Acetylene-gas generator.	837,737	Dec. 4	925	208-9	125	1585
Schloemilch, Wilhelm, assignor to Gesellschaft für Drahtlose Telegraphie M. B. H., Berlin, Germany. Receiver for wireless telegraphy.	828,864	Aug. 14	2333	497	123	2280
Schlosser, Fred A., Mansfield, Ohio. Heating stove or furnace.	837,967	Dec. 11	1372	299	125	1738
Schlosser, John S., Chicago, Ill. Sliding door.	825,422	July 10	1505	312	123	410
Schlosser, Robert J., and H. R. Fisher, assignors to Piso Company, Warren, Pa. Bottle-corking machine.	809,850	Jan. 9	2473	515	120	577
Schlotfeldt, John. (See Nash, John, assignor.)						
Schlueter, Henry, Scribner, Nebr. Bridle-bit.	823,368	June 12	2300	481	122	2277
Schlumpf, Oscar L., Sewickley, assignor to T. Carlin's Sons Company, Allegheny, Pa. Device for swinging derricks or cranes.	837,510	Dec. 4	452	103-4	125	1469
Schluter, Arthur, Waunakee, Wis. Pump.	829,355	Aug. 21	3374	712	123	2576
Schluter, August, Jr., New York, N. Y. Candle-holder.	817,394	Apr. 10	1683	355	121	1788
Schluter, William, New Hartford, Iowa. Rein-support.	832,085	Oct. 2	117	25	124	1241
Schmaltz, Friedrich, Mühlweg, Offenbach-on-the-Main, Germany. Drill-grinding machine.	819,173	May 1	259	55-7	122	64
Schmaltz, Friedrich, Offenbach-on-the-Main, Germany. Apparatus for grinding drills, borers, and like tools.	822,391	June 5	315	65	122	1794
Schmeiser, Theodore, Davisville, Cal. Check-back attachment and clamp for teams.	818,792	Apr. 24	4512	964	121	2508
Schmersahl, John, New York, N. Y. Combination cradle and chair.	825,984	July 17	2649	550	123	709
Schmertz, Edmund C., deceased; R. Longenecker, administrator, assignor, by mesne assignments, to Schmertz Wire Glass Company, New York, N. Y. Apparatus and process for manufacturing wire-glass. (Reissue.)	12,443	Jan. 30	5890	1235	120	1435
Schmertz Wire Glass Company. (See Schmertz, Edmund C., assignor.) (Reissue.)						
Schmid, Christian, Erkelenz, Germany. Tool for pressing and piercing seamless pipe-joints.	817,876	Apr. 17	2645	574	121	2048
Schmid, Henry. (See Jeanmaire and Schmid.)						
Schmid-Keller, Alfred, Zürich, Switzerland. Kneading-trough.	816,683	Apr. 3	279	65	121	1421
Schmid, Peter, Basel, Switzerland. Apparatus for ungumming silk.	822,774	June 5	1078	222	122	1964
Schmid, Peter, Basel, Switzerland. Apparatus for ungumming silk fabrics.	831,997	Sept. 25	4228	883-4	124	1161

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Schmid, Peter, Basel, Switzerland. Ungumming and dyeing raw natural silk	836,464	Nov. 20	3112	660	125	865
Schmid, William A., and C. J. Macomber, assignors to Wide Range Drill-Chuck & Tool Co., Muncie, Ind. Chuck	820,263	May 8	2524	546-7	122	625
Schmidgall, Frederick. (See Schmid and Schmidgall.)						
Schmidmer, Georg E., Nuremberg, Germany. Flexible electrical conductor	809,468	Jan. 9	1749	361	120	418
Schmidmer, Georg E., Nuremberg, Germany. File for papers and documents	828,974	Aug. 21	2564	542	123	2369
Schmidt, Adolph W., Lewiston, Idaho. Valve for conveyer-tubes	820,740	May 15	3454	740	122	888
Schmidt, Adrian P., New York, N. Y. Exercising apparatus	839,040	Dec. 18	3446	745	125	2291
Schmidt, Albert G. A., and L. Champeau, St. Paul, Minn. Automatic grain-shocking machine	821,542	May 22	5127	1092-3	122	1317
Schmidt, Albrecht, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Sulfur dye and making same	818,980	Apr. 24	4857		121	2582
Schmidt, Albrecht, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Bordeaux-red sulfur dye and making same	829,740	Aug. 28	4204		123	2824
Schmidt, Albrecht, and E. Kronholz, assignors to Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Chlorinating indigo	812,598	Feb. 13	2185		120	2011
Schmidt, August, Langensalza, Germany. Apparatus for moistening and warming rooms or apartments	813,328	Feb. 20	3618	793	120	2360
Schmidt, Benjamin F., Modesto, Cal. Spring attachment for gun-stocks	832,213	Oct. 2	401	74	124	1310
Schmidt, Bruno, Dresden, Germany. Clearing-vat for sewage	828,515	Aug. 14	1666	351	123	2111
Schmidt, Carl, Tegel, Germany. Adjusting and fastening ring	827,267	July 31	5278	1095	123	1397
Schmidt, Carlos, San Francisco, Cal. Motor-truck	832,749	Oct. 9	1475	296-7	124	1608
Schmidt, Charles, assignor to Peerless Motor Car Company, Cleveland, Ohio. Automobile	815,045	Mar. 13	2096	440-1	121	512
Schmidt, Charles, assignor to Packard Motor Car Company, Detroit, Mich. Mud-guard for motor-vehicles	821,751	May 29	5565	1184	122	1471
Schmidt, Charles, assignor to Packard Motor Car Company, Detroit, Mich. Carbureter-control mechanism for motor-vehicles	823,742	June 19	3036	642-3	122	2495
Schmidt, Charles, assignor to Packard Motor Car Company, Detroit, Mich. Motor-vehicle brake	824,151	June 26	3799	811	122	2720
Schmidt, Charles, assignor to Packard Motor Car Company, Detroit, Mich. Motor-vehicle running-gear	824,747	July 3	93	18	123	27
Schmidt, Charles, assignor to Packard Motor Car Company, Warren, Ohio. Gearing for motor-vehicles	826,265	July 17	3384	699-700	123	887
Schmidt, Charles, Allegheny, F. Wunderlich, Pittsburg, and J. A. Thibodeau, Turtle Creek, Pa. Protector for incandescent globes	831,383	Sept. 18	2981	633	124	804
Schmidt, Charles C. (See Myers and Clemans, assignors.)						
Schmidt, Charles G. and G., and J. F. Pflum, assignors to Cincinnati Butchers Supply Co., Cincinnati, Ohio. Overhead trolley-track	816,255	Mar. 27	4599	978	121	1158
Schmidt, Frank E., Philadelphia, Pa. Suspension-support for hammocks	819,932	May 8	1788	385	122	463
Schmidt, Frank E., Philadelphia, Pa. Suspension-support for hammocks	820,605	May 15	3200	688	122	833
Schmidt, Frank J., Jersey City, N. J. Pulley clothes-line attachment	815,123	Mar. 13	2249	471-2	121	546
Schmidt, Franz, Oberschöneweide, Germany. Printing mechanism for warp-printing devices	822,308	June 5	168	34-5	122	1765
Schmidt, Frederick, West Bend, Wis. Fifth-wheel	839,324	Dec. 25	4057	870	125	2488
Schmidt, Friedrich. (See Schirmacher and Schmidt.)						
Schmidt, Friedrich. (See Schirmacher, Schmidt, Pretzell, and Schumacher.)						
Schmidt, Friedrich, and K. Schirmacher, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-oxymonoazo dye	826,281	July 17	3219		123	846
Schmidt, Friedrich, and K. Schirmacher, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-oxyazo dye	826,282	July 17	3220		123	846
Schmidt, Fritz W., New Holstein, Wis. Harvester	824,825	July 3	290	52-3	123	80
Schmidt, George. (See Klenzl, Raimund, assignor.)						
Schmidt, George P., Jr., New York, N. Y. Fish-line holder and puller	834,414	Oct. 30	5065	1074	124	2627
Schmidt, Gustav. (See Schmidt and Pflum.)						
Schmidt, Gustav, and F. Schmidgall, Cincinnati, Ohio, assignors to Cincinnati Butchers Supply Company. Knocking-pen	811,958	Feb. 6	853	188	120	1662
Schmidt, John. (See Heinrich, Schmidt, and Etheridge.)						
Schmidt, John G., Lodi, N. J. Flush hinge	835,116	Nov. 6	487	99	125	126
Schmidt, Lambert, Weehawken, N. J. Intercommunicating telephone	832,425	Oct. 2	816	157-8	124	1409
Schmidt, Louis A., Chicago, Ill. Lock-out telephone system	818,793	Apr. 24	4512	964	121	2508
Schmidt, Louis A., assignor to R. Hoo, New York, N. Y. Printing-machine	837,345	Dec. 4	136	34	125	1389
Schmidt, Louis M., Lynn, Mass. assignor to General Electric Company. Transformer	826,283	July 17	3221	667	123	846
Schmidt, Ludwig, assignor to Essmuller Mill Furnishing Company, St. Louis, Mo. Coffee-roaster	817,674	Apr. 10	2210	472	121	1899
Schmidt, Martin, Secor, Ill. Scale-register	816,749	Apr. 3	385	89	121	1444
Schmidt, Oscar. (See Pflum and Schmidt.)						
Schmidt, Paul, Hanover, Germany. Manufacturing gas	836,054	Nov. 13	2249	481	125	604
Schmidt, Robert E., Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Green anthraquinone dye	812,684	Feb. 13	2335		120	2039
Schmidt, Robert E., Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Green anthracene dye	826,750	July 24	4210		123	1117
Schmidt, Robert E., Elberfeld, Germany, assignor to Farbenfabriken of Elberfeld Co., New York, N. Y. Green anthraquinone dye. (Reissue)	12,548	Oct. 23	4713		124	2493
Schmidt, Robert E., and K. Thun, Elberfeld, Germany, assignors to Farbenfabriken of Elberfeld Co., New York, N. Y. Yellow-green anthraquinone dye	812,599	Feb. 13	2186		120	2011
Schmidt, Robert E., Elberfeld, and P. Tust, Vohwinkel, near Elberfeld, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Yellow anthracene dye	836,220	Nov. 20	2620		125	748
Schmidt, Sven R. E., St. George, assignor to J. O. Peterson, Brooklyn, N. Y. Self electric massage apparatus	835,082	Nov. 6	425	85	125	112
Schmidt, Wilhelm, Wilhelmshöhe, Germany. Piston-valve	816,607	Apr. 3	122	27	121	1384
Schmidt, Wilhelm, Wilhelmshöhe, near Cassel, Germany. Boiler with superheating-tubes	823,551	June 19	2686	566-8	122	2419
Schmidt, Wilhelm, Wilhelmshöhe, near Cassel, Germany. Superheater	832,627	Oct. 9	1233	248	124	1550
Schmitt, Peter, Port Washington, Wis. Washing-machine	828,975	Aug. 21	2565	543	123	2370
Schmitt, Frank, Philadelphia, Pa. Corset and abdominal supporter	815,747	Mar. 20	3579	751	121	888
Schmitt, Georg E., Wellsburg, W. Va. Glass-blowing machine	825,423	July 10	1507	312	123	410
Schmitt, Jacob, Newark, N. J. Gas-cock	822,484	June 5	500	101	122	1835
Schmitt, Johann R., assignor to Maschinenfabrik für Tabakindustrie Gesellschaft mit Beschränkter Haftung, Frankfurt-on-the-Main, Germany. Machine for the production of cheroots	809,469	Jan. 9	1750	361	120	418
Schmitt, John. (See Myers, Olla E., assignor.)						
Schmitt, John, Brooklyn, N. Y. Nut-lock	812,299	Feb. 13	1602	352	120	1891
Schmitt, Otto G. C., assignor to Wagner & Brand, Frankfurt-on-the-Main, Germany. Electromagnetic device for distributing-machines	815,748	Mar. 20	3581	751-3	121	888
Schmitt, Paul, and C. Fabre, Paris, France. Electric accumulator	835,642	Nov. 13	1526	326	125	429

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Schmitt, Simon A. (See Applegate, Clarence R., assignor.)						
Schmitter, Frank. (See Solatinow, Joseph, assignor.)						
Schmitter, Paul, assignor to Whitehead & Hoag Company, Newark, N. J. Pocket-book.	833,487	Oct. 16	2995	636	124	2029
Schmittthener, Carlos, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Governor mechanism for motors.	814,400	Mar. 6	822	170	121	180
Schmitz, Albert, Raunheim, Germany. Tubes, single or compound, with longitudinal ribs.	813,918	Feb. 27	4786	1057	120	2674
Schmitz, Frank. (See Coles and Schmitz.)						
Schmitz, Gerhard, assignor of one-half to D. Barclay, Byesville, Ohio. Automatic switch.	826,366	July 17	3387	700	123	888
Schmitz, Hugo M., W. Horning, and W. R. Cox, Cleveland, Ohio. Printed frieze for walls.	830,931	Sept. 11	2071	436-7	124	550
Schnabel, Herman E., Chicago, Ill. Wire-nail machine.	831,109	Sept. 18	2455	518-20	124	674
Schnackenberg, Herman, Hoboken, N. J. Device for cutting butter.	809,532	Jan. 9	1867	388	120	444
Schnadig, Emanuel M., assignor to C. Emmerich & Company, Chicago, Ill. Pillow and the like.	834,643	Oct. 30	5507	1169	124	2741
Schnarrendorf, Friedrich J. A., Detroit, Mich. Engine.	836,946	Nov. 27	4114	877-8	125	1148
Schneekloth, Henry, Holstein, Iowa. Ice-velocipede.	813,025	Feb. 20	3005	662	120	2230
Schneekloth, Otto, assignor of one-half to G. H. Nielson Whitehall, Mich. Animal-trap.	837,511	Dec. 4	454	104	125	1469
Schneible, Joseph, Weehawken, N. J. Treatment of refractory water.	820,524	May 15	3057	658	122	802
Schneible, Joseph, Weehawken, N. J. Strainer-tub for brewers, &c.	826,891	July 24	4494	935-6	123	1187
Schneible, Joseph, Weehawken, N. J. Cooler or condenser.	826,966	July 24	4619	963	123	1219
Schneider, Alexander M., North Manchester, Ind. Skirt.	837,738	Dec. 4	929	209	125	1586
Schneider, August, and J. Perfler, assignors of one-half to L. Fink, Columbus, Ohio. Calculating-machine.	831,633	Sept. 25	3482	730-4	124	969
Schneider, Charles P. E., Le Creusot, France. Apparatus for loading guns in turrets, &c.	811,797	Feb. 6	496	107-12	120	1592
Schneider, Charles P. E., Le Creusot, France. Regulation or control of dynamo-electric machines or electric motors.	819,933	May 8	1790	385-7	122	464
Schneider, Charles P. E., Le Creusot, France. Trail for the carriages of guns mounted on wheels.	833,636	Oct. 16	3288	699	124	2099
Schneider, Edward A., Philadelphia, Pa. Jacquard-actuating mechanism for looms.	827,997	Aug. 7	612	125	123	1822
Schneider, Edward F., North Yamhill, Oreg. Egg breaker and separator.	824,748	July 3	94	18-19	123	28
Schneider, Eugene W., New York, N. Y. Pocket-audiphone.	828,292	Aug. 7	1204	250	123	1966
Schneider, Eugene W., assignor to Mears Ear Phone Company, New York, N. Y. Battery.	816,384	Mar. 27	4894	1040	121	1220
Schneider, Ferdinand, Langenfeld, Germany. Explosive coherer-powder.	838,216	Dec. 11	1897		125	1871
Schneider, Frederick A., Toronto, Canada. Push-button.	825,488	July 10	1633	340	123	443
Schneider, Friedrich W., assignor to Firm of Voigt and Haefner Aktiengesellschaft, Frankfurt-on-the-Main-Bockenheim, Germany. Means for controlling the supply of electric currents.	836,279	Nov. 20	2748	584	125	782
Schneider, George J., Detroit, Mich. Electric brander.	838,652	Dec. 18	2745	588	125	2121
Schneider, George J., assignor to American Electrical Heater Company, Detroit, Mich. Electric cooker.	825,988	July 17	2569	534	123	686
Schneider, Henry, Kenton, Ohio. Gaseous-fuel burner.	826,967	July 24	4620	963	123	1219
Schneider, Herman, Cincinnati, Ohio. Rapid hardening of cement.	828,976	Aug. 21	2566		123	2370
Schneider, Hermann, St. Louis, Mo. Cooper's plane.	821,543	May 22	5131	1094	122	1317
Schneider, Hugo, Cleveland, Ohio. Automatic gas-controlling device.	811,588	Feb. 6	108	23	120	1509
Schneider, Jacob, Newport, Ky. Curtain-fastener.	809,140	Jan. 2	1027	212	120	225
Schneider, John C., Winona, Minn. Steam-boiler.	812,685	Feb. 13	2336	510-11	120	2039
Schneider, Peter, Oswego, N. Y. Dumping-car.	809,016	Jan. 2	779	168	120	172
Schneider, Reinhold, Sharon, Pa. Arch.	811,251	Jan. 30	5371	1121	120	1327
Schneider, Stefan, Charlottenburg, Germany. Apparatus for preparing rings for ball-bearings.	835,328	Nov. 6	906	192	125	229
Schneider, William H., South Bellingham, Mass., and T. Holland, Woonsocket, R. I. Overhead trolley.	828,629	Aug. 14	1880	396	123	2167
Schnell, Heinrich, Cologne, Germany. Wheel for plow-locomotives.	812,600	Feb. 13	2187	477	120	2011
Schnell, John F., Ardwick, England. Vaporizer and wickless burner for oil-lamps, &c.	822,870	June 5	1268	261	122	2004
Schnell, Julius, Rührort, Germany. Turn-table.	823,552	June 19	2689	568-9	122	2419
Schniewind, Frederic W. C., Everett, Mass., assignor to United Coke and Gas Company Charleston, W. Va. Treating and utilizing gases.	820,525	May 15	3058	659	122	803
Schnitzler, Carl T., Cleveland, Ohio. Machine for making metal balls.	814,807	Mar. 13	1632	342	121	415
Schnoor, Peter J. A., Holstein, Iowa. Condiment-holder.	824,443	June 26	4391	934	122	2843
Schnoor, Peter J. A., Holstein, Iowa. Pipe-coupling.	825,354	July 10	1331	281	123	365
Schnurr, William, New York, N. Y., assignor to United States Printing Company, Cincinnati, Ohio. Clamp.	822,775	June 5	1079	222	122	1965
Schobert, George A., Racine, Wis. Trunk.	823,140	June 12	1838	379	122	2176
Schöchli, Rudolf, Zurich, Switzerland, assignor to Patchogue Manufacturing Co., Patchogue, N. Y. Festoon-stitch and similar machine.	814,236	Mar. 6	453	94	121	98
Schock, Clarence, Mount Joy, Pa. Measuring vessel.	818,643	Apr. 24	4199	903	121	2440
Schock, George W., South Bend, Ind. Wire-fence machine.	815,640	Mar. 20	3329	697	121	833
Schodorf, George A. (See Livelisberger, Albert M., assignor.)						
Schoemaker, Jan. (See Frentzen and Schoemaker.)						
Schoen, August A., Canton, Ohio. Single-delivery match-safe.	825,078	July 3	778	162	123	208
Schoen, August C., assignor to Stinson Bros., Philadelphia, Pa. Machine for printing warp.	839,083	Dec. 18	3535	765	125	2315
Schoen, Charles T., Moylan, Pa. Vehicle-wheel.	831,384	Sept. 18	2982	633	124	804
Schoen, Charles T., Moylan, Pa. Car-wheel.	834,761	Oct. 30	5741	1218	124	2800
Schoen, Herman J., Brooklyn, N. Y. Power plate-printing press.	813,241	Feb. 20	3432	766-7	120	2322
Schoen, Herman J., Brooklyn, N. Y. Attachment for printing-presses.	833,553	Oct. 16	3116	662	124	2058
Schoen, Paul E., assignor to Hall, Hartwell & Company, Troy, N. Y. Sewing-machine.	819,811	May 8	1552	330	122	410
Schoenberg, Ralph A. (See Klein, Charles J., assignor.)						
Schoenborn, Gustav C., assignor to Winkley Company, Hartford, Conn. Oil-cup.	813,591	Feb. 27	4144	908	120	2536
Schoenebeck, William A. F., Svensen, Oreg. Clothes-line apparatus.	830,804	Sept. 11	1851	385	124	496
Schoeneman, David A., George, Iowa. Building-block.	815,641	Mar. 20	3332	698	121	834
Schoeneman, David A., George, Iowa. Molding-machine.	817,008	Apr. 3	922	190	121	1562
Schoenman, Arnold, New York, N. Y. Alarm-lock.	823,701	June 19	2064	627	122	2481
Schoenner, Georg, Nuremberg, Germany. Adjusting device in compasses.	824,311	June 26	4103	878	122	2785
Schoettgen, John F., Chicago, Ill. Bridge-gate.	839,427	Dec. 25	4257	911	125	2538
Schoettli, Joseph, C. Jaeger, and P. Walsleben, assignors to D. Frank, Brooklyn, and J. Trounstein, New York, N. Y. Operating-table.	812,240	Feb. 13	1468	322	120	1860
Schofield, Charles, Philadelphia, Pa. Willow.	825,159	July 3	934	198	123	246
Schofield, Charles, and I. Reeder, assignors to William Schofield Company, Philadelphia, Pa. Lap-feeding device for carding-machines.	818,302	Apr. 17	3500	751	121	2235
Schofield, Eugene H. (See Kamper and Schofield.)						
Schofield, Frederick C., Washington, D. C. Collapsible bed and similar furniture.	810,573	Jan. 23	4029	829	120	1001
Schofield, Harriet C., Chicago, Ill. Curtain-support.	830,251	Sept. 4	709	143	124	179
Schofield, James M. (See Allen and Schofield.)						
Schofield, John B., Tomahawk, Wis. Stave-press.	819,462	May 1	852	183	122	191

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Schofield, Joseph A. (See Oldfield and Schofield.)						
Schofield, William B., and M. P. Osbourn, Merchantville, N. J. Automatic controlling device for gas-stoves.	811,959	Feb. 6	856	188	120	1663
Schofield's Sons Co., J. S. (See Jackson, Percy, assignor.)						
Scholes, Daniel R., assignor to Aermotor Company, Chicago, Ill. Transmission-tower.	821,126	May 22	4308	917	122	1136
Scholes, Daniel R., assignor to Aermotor Company, Chicago, Ill. Anchor for skeleton towers.	836,465	Nov. 20	3113	660	125	866
Scholes, Daniel R., assignor to Aermotor Company Chicago, Ill. Transmission-tower.	836,836	Nov. 27	3875	826	125	1092
Scholfield, Joseph J., Providence, R. I. Cloth winding and measuring machine.	813,743	Feb. 27	4427	976-7	120	2596
Scholl, Franz, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Yellow dye and making same.	818,981	Apr. 24	4860		121	2582
Scholl, Nicholas, Chillicothe, Ohio. Combined mop head and wringer.	816,824	Apr. 3	543	116	121	1478
Scholl, Roland H., Karlsruhe, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Compound of the anthraquinone series and making same.	828,778	Aug. 14	2175		123	2241
Schöllhorn, Thomas, Neustadt-on-the-Hardt, Germany. Skirt support and lifter.	815,749	Mar. 20	3584	753	121	889
Schön, Franz, Linz, Austria-Hungary. Braking-sleigh for railway-vehicles.	837,968	Dec. 11	1374	299	125	1738
Schon, Hans A. E. C. von, Detroit, Mich. Submerged power-station.	838,587	Dec. 18	2617	564	125	2090
Schön, Ludwig, Vienna, Austria-Hungary. Safety-spout for receptacles containing volatile inflammable liquids.	809,634	Jan. 9	2079	431	120	487
Schonhoff, Clemens A., <i>et al.</i> (See Freeze, John H., assignor.)						
Schonhoff, John H., <i>et al.</i> (See Freeze, John H., assignor.)						
Schooley, Clayton M., and O. N. Casey, assignors of thirty-five one-hundredths to said Schooley, fifteen one-hundredths to said Casey, and one-half to J. H. Grubb, Leesburg, Va. Nut-lock.	822,989	June 12	1507	314	122	2106
Schoonmaker, William H., Montclair, N. J. Valve mechanism for internal-combustion engines.	809,400	Jan. 9	1617	323	120	388
Schopf, Anton. (See Gerhard, Ferdinand, assignor.)						
Schopflocher, Siegfried, Montreal, Quebec, Canada. Can or jar.	832,168	Oct. 2	305	57	124	1287
Schoppert, George L. (See Bishop and Schoppert.)						
Schöppner, Christopher, and A. A. R. Berger, New York, N. Y. Variable-speed gear.	829,435	Aug. 28	3538	741	123	2662
Schoregge, John H. and T. Sioux Falls, S. D. Washing-machine.	825,939	July 17	2570	534-5	123	687
Schoregge, Theodore. (See Schoregge, John H. and T.)						
Schorg, (Inhaber L. Schorg & K. Löhner), Franz. (See Platz, Heinrich, assignor.)						
Schork, Henry T., and F. A. Stahl, New York, N. Y. Syringe.	812,686	Feb. 13	2336	511	120	2039
Schorling, William H., Brooklyn, assignor to H. M. Brookfield, Ardsley-on-Hudson, N. Y. Device for supporting glass insulators or other glass articles while plastic.	815,222	Mar. 13	2465	514	121	597
Schornstein-Aufsatz und Blechwaren-Fabrik J. A. John Aktien-Gesellschaft. (See John, Hugo, assignor.)						
Schorr, Robert. (See Hohl and Schorr.)						
Schorr, Robert, San Francisco, Cal. Briquetting.	836,897	Nov. 27	3991	851	125	1123
Schort, Victor A. (See Essig, Harry E., assignor.)						
Schott, Charles H. (See Thurston, Horace, assignor.)						
Schotto, Louis C., St. Louis, Mo. Ash-pan.	812,370	Feb. 13	1716	377	120	1917
Schou, Christian W., Antvorskov, near Slagelse, Denmark. Apparatus for the production of line designs on bricks, &c.	813,592	Feb. 27	4145	908-9	120	2536
Schou, Paul, Copenhagen, Denmark. Bearing for revolving shafts.	828,058	Aug. 7	742	152	123	1854
Schou, Paul, Copenhagen, Denmark. Packing.	829,546	Aug. 28	3803	807	123	2727
Schouboe, Jens T. S., Holte, Denmark. Mechanism for extracting and ejecting spent cartridge-cases in recoil-guns.	828,977	Aug. 21	2567	543	123	2370
Schouboe, Jens T. S., Holte, Denmark. Trigger mechanism for automatic firearms.	836,713	Nov. 27	3622	772	125	1024
Schowler, Heinrich, Ladenburg, Germany. Oil-dressing for leather.	821,260	May 22	4557		122	1192
Schrade, George, Walden, N. Y. Pocket-knife.	812,601	Feb. 13	2189	477	120	2011
Schrader, August F., and O. McCullough, Rake, Iowa. Skirt-drafting chart.	834,762	Oct. 30	5742	1218	124	2809
Schrader, George H. F., assignor to A. Schrader's Son, Incorporated, New York, N. Y. Tire and other valve.	809,986	Jan. 16	2755	566	120	690
Schrader, George H. F., Greenburg, assignor to A. Schrader's Son, Incorporated, New York, N. Y. Stopper for hot-water bags.	816,503	Mar. 27	5130	1087	121	1271
Schrader, Herman H. (See Thompson and Schrader.)						
Schrader, John R., Buffalo, N. Y. Car journal-box.	809,635	Jan. 9	2080	431-2	120	488
Schrader, John R., Buffalo, N. Y., assignor to Buffalo Gas Generator & Manufacturing Company. Pressure-regulator.	825,559	July 10	1800	381	123	482
Schrader, William F. A., Brooklyn, assignor to Traun Rubber Co., College Point, N. Y. Producing elastic and scented rubber sheeting.	822,309	June 5	172		122	1766
Schram, Christopher, Denver, Colo. Tent-cottage and ventilator therefor.	820,526	May 15	3061	659	122	803
Schramm, Adolph W., assignor to Electro Dental Manufacturing Company, Philadelphia, Pa. Alternating-current motor.	820,890	May 15	3799	810-11	122	964
Schramm, Andrew A., McKees Rocks, Pa. Window-shade adjuster.	833,804	Oct. 23	3623	775	124	2225
Schramm, Ernst, Friedrichshagen, near Berlin, Germany. Manufacture of imitation silk.	823,445	June 12	2437	514	122	2306
Schramm, Theobald, Columbus, Ohio. Lifting-jack.	822,157	May 29	6338	1348	122	1646
Schraubstadter, William A., St. Louis, Mo. Type-perfecting mechanism.	821,127	May 22	4309	917-18	122	1137
Schraubstadter, William A., assignor to Inland Type Foundry, St. Louis, Mo. Type-casting machine.	828,059	Aug. 7	743	153-5	123	1854
Schreffler, Charles E., Elizabethtown, Pa. Rail-joint.	837,129	Nov. 27	4479	950	125	1238
Schreffler, William E., Kansas City, Mo. Carrier attachment for tool-chests.	832,623	Oct. 9	1294	248	124	1550
Schreiber, Carl, assignor of one-half to J. Bitzer, Chicago, Ill. Oval compasses.	835,164	Nov. 6	581	118	125	147
Schreiber, Edward A., and J. G. Klier, Rochester, N. Y. Razor-guard.	809,224	Jan. 2	1198	245	120	265
Schreiber, Elias L., assignor of one-half to D. H. Phillips, New York, N. Y. Safety attachment for scarf-pins.	823,743	June 19	3038	643	122	2495
Schreiber, Georges M., Roubaix, France. Railway signaling and safety system and apparatus.	820,143	May 8	2287	497-500	122	572
Schreiber, John, Jersey City, N. J. Truck.	816,825	Apr. 3	545	116	121	1478
Schreidt, Frank, Mansfield, Ohio. Valve.	818,474	Apr. 24	3825	823	121	2358
Schreidt, Frank, Mansfield, Ohio. Valve.	822,023	May 29	6071	1294	122	1584
Schreidt, Frank, Mansfield, Ohio. Valve.	830,106	Sept. 4	391	80	124	96
Schreiner, Joseph, Newark, N. J., assignor to Rubber and Celluloid Harness Trimming Co. Brush.	819,934	May 8	1792	387-8	122	464
Schreiter, Charles W., Wimbledon, N. D. Carriage-curtain.	820,264	May 8	2525	547	122	625
Schrenkeisen, Martin F., New York, N. Y. Chair.	827,398	July 31	5533	1151	123	1460
Schrenkler, William. (See Hanson, Frederick O., assignor.)						
Schreyer, Benjamin Z., Columbus, Ohio. Wardrobe-hook.	809,017	Jan. 2	781	168	120	172
Schrick, August G., Hennessey, Okla. Ter. Picture-frame.	822,633	June 5	812	165	122	1907
Schrock, Andrew, Los Angeles, Cal. Lock-setting gage for doors.	825,766	July 10	2254	468	123	595
Schröder, Adolph, assignor to A. Krause, Berlin, Germany. Drying-chamber.	822,990	June 12	1508	314	122	2106
Schröder, August C. F., Cassel, Germany. Pipe.	828,516	Aug. 14	1666	351	123	2111
Schroeder, Albert F., Cleveland, Ohio. Tumbling-barrel.	814,166	Mar. 6	322	65	121	70

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Schroeder, Alwin T., Philadelphia, Pa. Shoe-heel.....	828,779	Aug. 14	2176	460	123	2241
Schroeder, Conrad, Milwaukee, Wis. Means for corking or closing bottles or other receptacles.....	811,876	Feb. 6	649	142	120	1623
Schroeder, Daniel. (See Majoros, John, assignor.)						
Schroeder, Frederick W., London, England. Speed-gearing.....	823,369	June 12	2301	481	122	2277
Schroeder, Frederick W., London, England. Device for securing corks in bottles.....	823,370	June 12	2302	482	122	2278
Schroeder, Frederick W., London, England. Padlock.....	824,593	June 26	4694	998	122	2912
Schroeder, Frederick W., London, England. Billiard-cue tip.....	835,736	Nov. 13	1681	357	125	468
Schroeder, Frederick W., London, England. Lock.....	838,360	Dec. 11	2165	469	125	1935
Schroeder, Frederick W., London, England. Key for locks.....	838,910	Dec. 18	3215	694-5	125	2234
Schroeder, George G. (See Glascock, Alfred E., assignor.)						
Schroeder, George G., Washington, D. C. Marine propulsion and lighting.....	830,011	Sept. 4	196	34-5	124	49
Schroeder, George G., Washington, D. C. Fire-extinguisher.....	830,252	Sept. 4	711	143-4	124	179
Schroeder, George G., Washington, D. C. Combined mechanical and electric motive power for trains.....	831,244	Sept. 18	2706	569-70	124	734
Schroeder, George G., Washington, D. C. Motive power for traction-vehicles.....	832,214	Oct. 2	402	74-5	124	1310
Schroeder, George G., Washington, D. C., assignor to Industrial Transportation Company. Aerial electric transportation system.....	826,367	July 17	3388	700-2	123	888
Schroeder, George G., Washington, D. C., assignor to Industrial Motor Company. Device for taking up the slack in overhead-cable trackways.....	830,012	Sept. 4	198	35-7	124	49
Schroeder, George G., Washington, D. C., assignor to Industrial Motor Company. Aerial electric trackway.....	831,302	Sept. 18	2835	599-600	124	768
Schroeder, George G., Washington, D. C., assignor to Industrial Motor Company. Elevated electric tramway.....	836,405	Nov. 20	2992	634-5	125	837
Schroeder, George G., Washington, D. C., assignor to Industrial Motor Company. Aerial tramway.....	836,995	Nov. 27	4212	896-7	125	1172
Schroeder, Henry. (See Hinchman and Schroeder.)						
Schroeder, John, Davenport, Iowa. Hydraulic motor.....	825,079	July 3	780	162-3	123	209
Schroeder, William S., Chicago, Ill. Car-coupling.....	813,744	Feb. 27	4429	977	120	2596
Schroeder, William S., assignor of one-half to C. H. Ferry, Chicago, Ill. Car-coupling.....	830,857	Sept. 11	1945	408-9	124	521
Schroyer, Charles A. (See Lawrence and Schroyer.)						
Schroyer, William O., Cincinnati, Ohio. Embalming instrument.....	820,606	May 15	3201	689	122	834
Schroyer, William O., Cincinnati, Ohio. Railway-rail joint.....	836,609	Nov. 20	3772	719	125	929
Schübel, Carl, assignor to Electriche Glühlampen-Fabrik "Watt," Scharf & Co., Vienna, Austria-Hungary. Electric incandescent lamp.....	819,935	May 8	1794	388	122	464
Schubert, Ferdinand, Cincinnati, Ohio. Street and station indicator.....	820,443	May 15	2872	625	122	760
Schubert, Frederick, Sellersville, Pa. Gage.....	831,191	Sept. 18	2604	548	124	707
Schubert, Max, and O. Rechnitz, Cottbus, Germany. Nut.....	815,982	Mar. 27	4046	856	121	1037
Schuch, Joseph F., Round Grove, Minn. Threshing-machine.....	826,445	July 17	3533	736	123	924
Schuchman, Fred, et al. (See Keyes, Harry E., assignor.)						
Schuchmann, John, Chicago, Ill. Pen.....	827,393	July 31	5522	1149	123	1457
Schueler, Frederick E. (See Keller and Schueler.)						
Schuessler, Stephen, Atlanta, Ga. Valve.....	876,406	Nov. 20	2995	635	125	838
Schuetz, Charles, Cleveland, Ohio. Transom or sash holder.....	836,996	Nov. 27	4214	897	125	1172
Schuetz, Frank A., Chicago, Ill., assignor to Adams & Westlake Company. Lamp-burner.....	833,004	Oct. 9	1977	413	124	1728
Schuh, Frank, Albany, N. Y. Water-closet.....	811,444	Jan. 30	5721	1198	120	1399
Schuhman, Henry H., Hartford, Wis. Crown-tooth attachment.....	825,940	July 17	2572	535	123	687
Schuiling, Martin J., Grand Rapids, Mich. Sheet-metal work.....	837,966	Dec. 11	1371	299	125	1737
Schüler, Hans, Hamburg, Germany. Double bogie for railway-cars and other vehicles.....	814,922	Mar. 13	1824	382	121	456
Schulhoff, Saul, Philadelphia, Pa. Speed-indicator.....	811,666	Feb. 6	260	57	120	1542
Schuller, Lawrence, Chicago, Ill. Centering for arches.....	808,951	Jan. 2	651	142	120	143
Schuller, Martin M., Chicago, Ill. Shingle-fastening device.....	811,445	Jan. 30	5722	1198	120	1400
Schulte, Georg A. H. (See Henke and Schulte.)						
Schulte, Joseph, Jr., Walford, Iowa. Water-wheel.....	813,672	Feb. 27	4301	946	120	2570
Schulte-Steinberg, Hugo, Dueren bei Stockum, Kreis Bochum, Germany. Manufacturing briquets of ore, &c.....	833,005	Oct. 9	1977		124	1728
Schulte, William H. (See Wilson and Schulte.)						
Schultes, Michael, assignor of one-third to J. H. Clarkin, Youngstown, Ohio. Metallic curtain.....	830,456	Sept. 4	1122	235	124	277
Schultz, August L., assignor of one-half to J. H. Collister, Cleveland, Ohio. Automatic alarm for gas-pipes.....	817,009	Apr. 3	924	191	121	1563
Schultz, Carl R., Murray Hill, N. J. Siphon-collar.....	821,437	May 22	4946	1050	122	1279
Schultz, Charles E. (See Scarborough and Schultz.)						
Schultz, Charles L., Wheeling, W. Va. Automatic car-brake.....	814,876	Mar. 13	1750	367	121	440
Schultz, Frank. (See Bartholomew and Schultz.)						
Schultz, Franklin, Tamaqua, assignor of one-third to W. J. Dornbach, Lansford, Pa. Rope-sheave.....	829,898	Aug. 28	4530	955	123	2905
Schultz, Frederick W., Baltimore, Md. Machine for securing solder rings to metal caps.....	816,942	Apr. 3	793	163	121	1535
Schultz, Frederick W., Baltimore, Md. Machine for forming and securing solder to metal caps.....	816,943	Apr. 3	796	163-4	121	1535
Schultz, George A., Ringle, Wis. Plow attachment.....	821,128	May 22	4312	918	122	1137
Schultz, Gustave A., Hawkeye, Iowa. Wheel for vehicles.....	818,857	Apr. 24	4629	994	121	2532
Schultz, Louis N., Oakland, Miss. Plow.....	813,118	Feb. 20	3201	700	120	2275
Schultz, Robert H., Sault Ste. Marie, Canada. Game attachment for tables.....	830,180	Sept. 4	551	113	124	139
Schultz, William, Portage, Wis. Mower.....	837,739	Dec. 4	930	209-10	125	1586
Schultz, William J., Cincinnati, Ohio. Loose-leaf binder.....	813,919	Feb. 27	4789	1057	120	2674
Schultz, William J., Cincinnati, Ohio. Loose-leaf binder.....	823,192	June 12	1946	402	122	2202
Schultz, William J., Cincinnati, Ohio, and H. Gerding, Newport, Ky., assignors to Tenacity Loose-Leaf Metal Company, Cincinnati, Ohio. Loose-leaf book-back.....	812,602	Feb. 13	2190	477	120	2011
Schultz, Gustav O., Vislanda, Sweden, and O. Schüssler, Kottbus, Germany. Means for uniformly distributing powdered substances.....	838,464	Dec. 11	2376	515	125	1987
Schulz, Adelheid, New York, N. Y. Insecticide.....	817,194	Apr. 10	1286		121	1704
Schulz, August, Podejuch, Germany. Car-coupling.....	818,564	Apr. 24	4031	861	121	2401
Schulz, Fritz, assignor to Good Manufacturing Co., Chicago, Ill. Punch-press.....	814,167	Mar. 6	323	65	121	71
Schulz, Fritz, assignor to Good Manufacturing Co., Chicago, Ill. Spindle-bearing.....	814,168	Mar. 6	326	65	121	71
Schulz, John D. H. (See Brower and Schulz.)						
Schulz, Otto C., assignor to Bauer & Black, Chicago, Ill. Dental-silk box.....	808,690	Jan. 2	125	29	120	30
Schulz, Richard, Berlin, Germany. Steam-generator.....	819,382	May 1	710	150	122	161
Schulz, Richard, Berlin, Germany. Labyrinth packing for rotary machines.....	835,836	Nov. 13	1877	398	125	517
Schulz, Richard, Berlin, Germany. Oil-separator for steam-pipes.....	835,919	Nov. 13	2027	431	125	550
Schulz, William C., Indianapolis, Ind. Rail-brake.....	836,997	Nov. 27	4215	897-8	125	1173
Schulze, Andrew, assignor of one-half to J. C. Pennie, Washington, D. C. Tool-shank.....	823,640	June 19	2857	604	122	2458
Schulze, Ernst H., Kansas City, Mo. Street-car fender.....	829,675	Aug. 28	4060	861	123	2791
Schumacher, Anton. (See Gruber, Joseph, assignor.)						
Schumacher, Carl, Newport, Ky. Air-brake coupling.....	836,344	Nov. 20	2868	609	125	809

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Schumacher, Eberhard. (See Pease and Schumacher.)						
Schumacher, Nicholas J., Fredonia, Wis. Jack.	835,835	Nov. 13	1875	397	125	517
Schumacher, Wilhelm, Oberdollendorf, Germany. Manufacturing artificial paving-stones.	809,225	Jan. 2	1199		120	265
Schumacher, Willy. (See Schirmacher, Schmidt, Pretzell, and Schumacher.)						
Schumaker, Frank X., Fort Scott, Kans. Stay for harness-breeching.	811,521	Jan. 30	5858	1228	120	1428
Schuman, George E., Louisville, Ky. Calculating-machine.	824,510	June 26	4518	959-60	122	2873
Schuman, James B., assignor of three-fourths to A. Boice, Indianapolis, Ind. Grain-conveyor.	809,470	Jan. 9	1753	362	120	419
Schumann, Albert, Berlin, Germany. Artificial track for skee-runners, sledges, and the like.	814,626	Mar. 6	1249	262	121	270
Schumann, Gustav K. (See Behaghiel and Schumann.)						
Schuppach, Armand L., New Britain, Conn. Fish-trap.	812,300	Feb. 13	1603	352	120	1891
Schüpphaus, Robert C. (See Traube and Wolfenstein, assignors.)						
Schuppisser, Hermann, Zurich, Switzerland. Gas-regulator for incandescent lights.	823,084	June 12	1726	355	122	2151
Schurek, Joseph, Milwaukee, Wis. Ornamental material.	824,444	June 26	4392	934	122	2843
Schureman, Charles H. (See Riek, Constance A., assignor.)						
Schüssler, Otto. (See Schultze and Schüssler.)						
Schuster, Harry H., Mishawaka, and D. Maier, South Bend, Ind. Soap-dispenser.	823,446	June 12	2438	514	122	2306
Schuster, John, Clay Banks, Wis. Nail-box.	835,713	Nov. 13	1641	349	125	457
Schuster, John, Clay Banks, Wis. Wagon-rack.	838,653	Dec. 18	2748	589	125	2122
Schuster, Wenzel, and H. Ast, Vienna, Austria-Hungary. Electromagnetic friction-clutch. (Reissue.)	12,581	Dec. 18	3351	767	125	2320
Schutte and Koerting Company. (See Schutte, Louis, assignor.)						
Schutte and Koerting Company. (See Schutte and Körting, assignors.)						
Schutte, Louis, Philadelphia, Pa. Condenser.	816,043	Mar. 27	4178	885-6	121	1068
Schutte, Louis, assignor to Schutte and Koerting Company, Philadelphia, Pa. Pressure-reducing valve.	827,998	Aug. 7	613	125-6	123	1823
Schutte, Louis, assignor to Schutte and Koerting Company, Philadelphia, Pa. Stop-check valve.	833,420	Oct. 16	2837	602	124	1993
Schutte, Louis, Philadelphia, Pa., and E. Körting, Pegli, Italy, assignors to Schutte and Koerting Company, Philadelphia, Pa. Calorimeter.	808,693	Jan. 2	128	30	120	31
Schutz, Edward J., Akron, Ohio. Hot-water bottle.	809,141	Jan. 2	1028	212	120	226
Schutz, Edward J., Akron, Ohio. Hot-water bottle.	809,142	Jan. 2	1029	213	120	226
Schutz, Edward J., Akron, Ohio. Making hot-water bottles.	809,143	Jan. 2	1030	213	120	226
Schutz, Joseph M., Minneapolis, Minn., assignor of one-fourth to C. G. Hawley. Fuel-burner.	836,145	Nov. 20	2466	518-19	125	710
Schutz, Joseph M., Minneapolis, Minn., assignor of one-fourth to C. G. Hawley. Burning fuel.	836,219	Nov. 20	2614	551	125	747
Schütz, Wilhelm, Cassel, Germany. Glass mast.	834,999	Nov. 6	240	52	125	63
Schütze, August, assignor to F. A. Richter, Rudolstadt, Germany. Rolling-stock for toy railways.	819,812	May 8	1555	331	122	410
Schütze, Victor H., Riga, Russia. Crystallizing sugar, &c.	817,010	Apr. 3	925	191	121	1563
Schuyler, Daniel, San Diego, assignor to Perfect Sliding Door Company, Los Angeles, Cal. Automatic door.	826,447	July 17	3536	736-7	123	926
Schuyler, Daniel, assignor to Perfect Sliding Door Company, Los Angeles, Cal. Door-check.	836,654	Nov. 20	3466	740	125	950
Schwab, Charles M., Oak Park, Ill. Device for raising bed-springs.	839,041	Dec. 18	3449	745	125	2292
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Gravity-conveyor.	817,278	Apr. 10	1456	306	121	1739
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Combined chute and gravity conveyor.	826,613	July 24	3965	821	123	1055
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Interlocking doors for conveyors.	833,250	Oct. 16	2488	521	124	1905
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Gravity-conveyor.	833,251	Oct. 16	2491	522	124	1906
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Door for conveyors.	833,344	Oct. 16	2680	565	124	1956
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company, New York, N. Y. Spiral chute.	817,341	Apr. 10	1567	329	121	1762
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company, New York, N. Y. Conveyor.	833,249	Oct. 16	2486	521	124	1905
Schwade, Otto, Erfurt, Germany. Valve-gear for engines.	826,368	July 17	3391	702	123	889
Schwager, Julius, Berlin, Germany. Condenser.	828,060	Aug. 7	752	155	123	1856
Schwalge, Albert, Chicago, Ill. Swimming-shoe.	829,741	Aug. 28	4206	891	123	2824
Schwaner, Conrad. (See Herrmann and Schwaner.)						
Schwanhausser, Frederick, New York, N. Y. Projecting apparatus.	826,446	July 17	3535	736	123	925
Schwanhausser, William. (See Thomas, Philip, assignor.)						
Schwanhausser, William, assignor to Henry R. Worthington, New York, N. Y. Condenser.	824,312	June 26	4104	878	122	2786
Schwaninger, Vitus, Oggersheim, Germany. Device for operating valves or cocks.	826,195	July 17	3066	635	123	810
Schwartz, Adolph. (See Watts, Louis A., assignor.)						
Schwartz, Frank J., Villa Grove, Ill. Weather-strip.	839,213	Dec. 25	3846	827	125	2436
Schwartz, Fred M., et al. (See Sweeney, James M., assignor.)						
Schwartz, Herman M., assignor to Florence Manufacturing Company, Northampton, Mass. Making brushes.	826,119	July 17	2926	607	123	777
Schwartz, I., et al. (See Neubauer, Julius K., assignor.)						
Schwartz, John F., Alma, Mich. Mold.	838,278	Dec. 11	2027	437	125	1900
Schwartz, R., et al. (See Neubauer, Julius K., assignor.)						
Schwartz, Walter M., Philadelphia, Pa. Veneer-drier.	811,446	Jan. 30	5722	1199	120	1400
Schwartz, Walter M., assignor to Philadelphia Textile Machinery Company, Philadelphia, Pa. Machine for treating tobacco.	838,361	Dec. 11	2167	470	125	1936
Schwarz, Alfred, New York, N. Y., assignor to Schwarz Ore Treating Company, Phoenix, Ariz. Ter. Separator for use in the concentration of ores.	825,080	July 3	781	163	123	209
Schwarz, Alfred, assignor to Schwarz Engineering Company, New York, N. Y. Ore-screening machine.	825,081	July 3	783	163	123	210
Schwarz, Carl H. R., Hamburg, Germany. Pile-driving machine.	820,992	May 22	4043	959-60	122	1079
Schwarz, Constantine P., Elyria, Ohio. Side plate for filters.	812,530	Feb. 13	2040	447	120	1983
Schwarz, Constantine P., Elyria, Ohio. Making supporting-plates for granular substances.	834,939	Nov. 6	120	24	125	34
Schwarz Engineering Company. (See Schwarz, Alfred, assignor.)						
Schwarz, Frederick J., assignor to P. E. Guerin, New York, N. Y. Knob-fastening.	818,565	Apr. 24	4032	865	121	2401
Schwarz, Henry H. A., Brighton, England. Pencil-sharpener.	811,798	Feb. 6	501	112	120	1592
Schwarz, Jakob, Budapest, Austria-Hungary. Combined date and note block.	823,702	June 19	2965	628	122	2481
Schwarz, Joseph. (See Hogan, Denis, assignor.)						
Schwarz Ore Treating Company. (See Schwarz, Alfred, assignor.)						
Schwarze, Carl J., assignor to Schwarze Electric Company, Adrian, Mich. Telegraph instrument.	812,773	Feb. 13	2501	550	120	2073

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr.-E.	Vol.	Page.
Schwarze Electric Company. (See Schwarze, Carl J., assignor.)						
Schwarzenbach, Roland, Hornellsville, N. Y. Bottle-soaking tank	829,517	Aug. 28	3804	808	123	2727
Schwarzschild, Solomon, Rochester, N. Y. Compound for protecting commercial papers.	822,556	June 5	638		122	1867
Schwarzschild, Solomon, assignor to A. Vogt, E. G. Pfahl, and A. E. Vogt, Rochester, N. Y. Manufacturing overshoes	832,277	Oct. 2	525	100	124	1340
Schwarzschild, Solomon, assignor to A. Vogt, E. G. Pfahl, and A. E. Vogt, Rochester, N. Y. Manufacturing overshoes	832,278	Oct. 2	527	100	124	1341
Schwechler, John, Philadelphia, Pa., assignor, by mesne assignments, to Hygienic Soap Granulator Company. Cake of soap	824,152	June 26	3800	811	122	2720
Schwedt, Charles, Buffalo, N. Y. Extensible scaffold-board	812,301	Feb. 13	1605	352	120	1892
Schwedtmann, Ferdinand C., St. Louis, Mo. Sash-weight	821,316	May 22	4672	995	122	1216
Schweers, Raphael, Berlin, Germany. Copying-machine	835,561	Nov. 13	1355	291	125	385
Schweiger, Ernest, Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor	836,998	Nov. 27	4217	898	125	1173
Schweiner, Henry R., Brooklyn, N. Y., assignor to W. T. Macon, administrator, Tampa, Fla., and F. M. Simonton. Speed-controller for sewing-machines	821,129	May 22	4313	918	122	1137
Schweitzer, Edmund O., Chicago, Ill. Device for controlling electrical circuits	823,295	June 12	2165	452	122	2249
Schweitzer, William, Chicago, Ill. Clasp	832,086	Oct. 2	119	26	124	1241
Schweizer, August G., and E. J. Thomas, Detroit, Mich. Non-refillable bottle	838,588	Dec. 18	2049	565	125	2090
Schweizer-Schatzmann, Arnold, Chaux-de-Fonds, Switzerland. Watch	822,776	June 5	1080	222	122	1965
Schwenk, Fredrick C., Tripoli, Iowa. Fence-post	820,318	May 8	2623	571	122	647
Schwenker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Oil-gage	819,604	May 1	1105	244	122	248
Schwenker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Coupling for electric cables	833,252	Oct. 16	2492	522	124	1907
Schwerdfefer, Charles, <i>et al.</i> (See Werner, Emil, assignor.)						
Schwertenberg, Gustav B. de, Budapest, Austria-Hungary. Holder for pens, pencils, and the like	825,985	July 17	2650	550	123	709
Schwing, George. (See Yunker and Schwing.)						
Schwingel, Edward C., Buffalo, and R. W. Turner, East Aurora; said Turner assignor to Lake Erie Boiler Compound Company, Buffalo, N. Y. Apparatus for feeding scale-preventives into boilers	838,217	Dec. 11	1898	407	125	1871
Schwoil, Anna, Leipsie, Ohio. Stovepipe-damper	833,554	Oct. 16	3117	662	124	2059
Schworn, Frederick D., South Newstead, N. Y. Button	839,653	Dec. 25	4727	1010	125	2649
Scism, John N. (See Ennis, Benjamin F., assignor.)						
Sclater, William, <i>et al.</i> (See Coleman, James M., assignor.)						
Scofield, Edson M., Philadelphia, Pa. Retaining-wall or the like	815,866	Mar. 20	3831	812	121	939
Scofield, Edson M., Philadelphia, Pa. Concrete-steel construction	824,594	June 26	4695	998-9	122	2912
Scofield, Edson M., Philadelphia, Pa. Supporting device for reinforcing-bars of concrete-steel construction	824,595	June 26	4698	999	122	2912
Scofield, Edward H., Minneapolis, Minn. Brake-hanger	817,994	Apr. 17	2887	624	121	2106
Scofield, Floyd W., Plymouth, Ind., assignor to S. E. Carter, Des Moines, Iowa. Scrubbing-brush	839,042	Dec. 18	3452	746	125	2293
Scofield, Lynn M. (See McDonald and Scofield.)						
Scofield, William B., <i>et al.</i> (See Crompton, Randolph, assignor.)						
Scoggins, Jesse C., Alva, Okla. Ter. Boot-cleaner	826,806	July 24	4309	896	123	1143
Scoggins, Jesse C., Alva, Okla. Ter. Vise	832,087	Oct. 2	120	26	124	1241
Seognamillo, Salvatore, New York, N. Y. Flexible tubing	819,027	Apr. 24	4947	1062	121	2602
Seollard, Thomas F., Warsaw, Ind. Non-refillable bottle	832,750	Oct. 9	1476	297	124	1609
Seotford, Louis K., Chicago, Ill. Numbering-machine	815,124	Mar. 13	2251	472-3	121	546
Seotford, Louis K., Chicago, Ill., assignor to Independent Manufacturing Company, Muskegon, Mich. Hand-stamp	817,195	Apr. 10	1286	266	121	1704
Seotford, Louis K., Chicago, Ill., assignor to Independent Manufacturing Company, Muskegon, Mich. Hand-stamp	835,562	Nov. 13	1357	291	125	386
Scott, Alexander, Aspen, Colo. Combined step-ladder and ironing-board	814,877	Mar. 13	1752	367	121	440
Scott, Alexander A., Knoxville, Tenn. Treating plastic material	816,385	Mar. 27	4895	1040-1	121	1221
Scott, Alexander A., Knoxville, Tenn. Treating plastic material	816,386	Mar. 27	4904	1041-2	121	1223
Scott, Alexander A., Knoxville, Tenn. Treating plastic material	816,387	Mar. 27	4910	1042-3	121	1224
Scott, Archibald D., Providence, R. I. Winding-machine	835,202	Nov. 6	652	135	125	166
Scott, Aretas R. (See Laney, John H., assignor.)						
Scott, Charles L., assignor to C. L. Scott Mfg. Co., Riceville, Iowa. Block-machine	825,498	July 10	1634	340	123	443
Scott, Charles S., Cadiz, Ohio. Detachable pneumatic tire	833,981	Oct. 23	4134	878	124	2348
Scott, Charles S., Cadiz, assignor of one-half to F. A. Seiberling, Akron, Ohio. Wheel-rim	809,533	Jan. 9	1868	388	120	444
Scott, Charles S., Cadiz, Ohio, assignor, by mesne assignments, to Goodyear Tire and Rubber Company. Detachable pneumatic tire	816,884	Apr. 3	674	139	121	1508
Scott, Charles W., Lebanon, Ind. Weather-strip	827,039	July 24	4758	993	123	1252
Scott, Emmet. (See Wilkins, Vance P., assignor.)						
Scott, Ernest, assignor of one-half to E. R. Kersten, Boston, Mass. Machine for wrapping pamphlets, &c	828,630	Aug. 14	1881	396	123	2167
Scott, Francis R., <i>et al.</i> (See Kelly, Alonzo, assignor.)						
Scott, Frederick D., Montreal, Canada. Garment-hook	827,885	Aug. 7	378	80	123	1763
Scott, George H. (See Bullard and Scott.)						
Scott, George W., Troy, Ohio. Adjustable storm-front for vehicles	832,751	Oct. 9	1478	297	124	1609
Scott, George W., assignor to Railway Appliances Company, Chicago, Ill. Auxiliary coupling device	817,342	Apr. 10	1569	330	121	1762
Scott, Gerard C., Columbus, Ohio. Poultry-house. (Reissue)	12,513	July 24	4855	1011	123	1275
Scott, Hamilton C., Philadelphia, Pa. Whiffletree-hook	822,557	June 5	639	128	122	1867
Scott, Harry W. (See Glocker, William H., assignor.)						
Scott, Hayward R., Christine, Cal. Vehicle-brake	829,489	Aug. 28	3676	776	123	2696
Scott, Henry S., and H. F. Tyzack, Gateshead, England. Turbine	822,991	June 12	1510	314-15	122	2106
Scott, Hermon C., Ritzville, Wash. Draft-equalizer	819,463	May 1	854	184	122	191
Scott, James A., Havelock, Iowa. Breast-strap protector	819,174	May 1	268	57	122	68
Scott, James C., assignor to Scott Muffler Co., Portsmouth, Ohio. Neck-muffler	811,096	Jan. 30	5037	1052	120	1255
Scott, James L., Lair, Ky. Nail	831,303	Sept. 18	2838	600	124	769
Scott, Job F., and A. B. Curtis, Toledo, Ohio. Wire-stretcher	838,142	Dec. 11	1753	376	125	1835
Scott, John E., Philadelphia, Pa. Roaster	809,851	Jan. 9	2479	516	120	579
Scott, John M., Racine, Wis. Rail-ancher	814,627	Mar. 6	1250	263	121	271
Scott, John M., Racine, Wis. Rail-ancher	815,383	Mar. 20	2840	590	121	724
Scott, John M., Racine, Wis. Nut-lock	816,044	Mar. 27	4180	886	121	1069
Scott, John M., Racine, Wis. Rail-ancher	819,175	May 1	269	57	122	68
Scott, John T., Simpsonville, Tex. Machine for baling vines, hay, and the like in cylindrical form	814,736	Mar. 13	1486	312	121	385
Scott Manufacturing Company. (See Simmons and Garside, assignors.)						
Scott, Marcus, Jacksonville, Fla. Gas-mixer	816,045	Mar. 27	4181	886	121	1069

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Scott Muffler Co. (See Scott, James C., assignor.)						
Scott, Philo, Fine, N. Y. Railway-switch	836,146	Nov. 20	2472	519	125	712
Scott, Robert E., and L. O. Steinhoff; said Scott assignor to A. C. Lea, Simcoe, Canada.						
Continuous steam-cooker	812,154	Feb. 6	1263	276-7	120	1747
Scott, Robert F., assignor to Edward Harrington, Son and Company, Incorporated, Philadelphia, Pa. Hoisting mechanism	839,325	Dec. 25	4058	871	125	2489
Scott, Robert J., Abbotsford, British Columbia, Canada. Animal-trap	834,415	Oct. 30	5066	1074	124	2627
Scott, Robert W. (See Williams, Louis N. D., assignor.)						
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Knitted fabric and making same	830,373	Sept. 4	954	197-8	124	234
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Knitted fabric and making same	830,374	Sept. 4	959	199-200	124	236
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Knitted web	830,375	Sept. 4	963	200-1	124	237
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Knitting-machine	834,763	Oct. 30	5745	1219-22	124	2801
Scott, Robert W., Philadelphia, assignor of one-half to L. N. D. Williams, Ogontz, Pa. Ribbed knitted fabric	832,506	Oct. 2	973	194	124	1446
Scott, Roy G., McGregor, Ind. Weighing and bagging machine	830,932	Sept. 11	2074	437	124	551
Scott, Samuel, <i>et al.</i> (See Rogers, George R., assignor.)						
Scott, Samuel A., <i>et al.</i> (See Keefer, William W., assignor.)						
Scott, Samuel A., <i>et al.</i> (See Pates, James S., assignor.)						
Scott, Samuel J., Columbus, Ohio. Rail fastening and support	813,673	Feb. 27	4302	947	120	2570
Scott, Sidney C., and J. C. Watson, Marion, Kans. Water-distributor for sickles	817,523	Apr. 10	1945	410	121	1843
Scott, Simon, Wellington, New Zealand. Mold used in the manufacture of short-bread and similar cake	824,445	June 26	4392	934	122	2843
Scott, Thomas A. (See Doll, George O., assignor.)						
Scott, Walter. (See Zeisberger and Scott.)						
Scott, Walter, Plainfield, N. J. Printing and folding machine	810,225	Jan. 16	3263	676-7	120	795
Scott, Walter, Plainfield, N. J. Printing and delivery mechanism	810,886	Jan. 23	4626	964	120	1130
Scott, Walter, Plainfield, N. J. Printing-machine	819,813	May 8	1556	331	122	410
Scott, Walter, Plainfield, N. J. Printing-machine	823,553	June 19	2690	569	122	2419
Scott, Walter, Plainfield, N. J. Paper transmitting and controlling device	824,313	June 26	4107	878-9	122	2786
Scott, Walter, Plainfield, N. J. Printing-machine	837,130	Nov. 27	4480	950-1	125	1238
Scott, Walter, Chicago, Ill. Collar	833,421	Oct. 16	2839	603	124	1994
Scott, Walter R., assignor of one-half to T. Turner, Philadelphia, Pa. Staking-machine	819,605	May 1	1107	244	122	249
Scott, Wilber H., Ottawa, Canada. Tea-packing machine	822,310	June 5	174	35	122	1766
Scott, William, assignor to Kaumagraph Co., New York, N. Y. Roller stamping device						
Scott, William A., and W. S. McCall, Quincy, Fla. Rein-guard	809,018	Jan. 2	782	169	120	172
Scott, William D., Buffalo, N. Y. Pulling-head for wires, ropes, and cables	813,329	Feb. 20	3619	794	120	2361
Scott, William H., Norwich, England. Braking mechanism for electric motors	832,343	Oct. 2	600	126	124	1371
Scott, William H., Maplewood, Mo., assignor to Elliot Frog & Switch Company, East St. Louis, Ill. Adjustable switch-rod	815,750	Mar. 20	3585	753	121	889
Scott, William M. (See Fassett, Francis K., assignor.)						
Scott, William M., <i>et al.</i> (See Mayer, Walter S., assignor.)						
Scott, William M. (See Statter, John G., assignor.)						
Scott, William M., Philadelphia, Pa. Automatic magnetic circuit-breaker	827,469	July 31	5740	1189-90	123	1508
Scott, William M., Philadelphia, Pa., assignor to Cutter Electrical and Manufacturing Company. Time-limit circuit-breaker	839,079	Dec. 18	3522	762-3	125	2312
Scott, Wilson A., Paul, Nebr. Fish-hook	821,544	May 22	5132	1094	122	1318
Scott, Zacheus, West Newton, Pa. Vessel	813,177	Feb. 20	3314	729	120	2298
Scottdale Foundry & Machine Co. (See Christensen, Leonard, assignor.)						
Scotter, Sara, Hove, Brighton, England. Fire-escape	833,555	Oct. 16	3119	662	124	2059
Scotti, Karl, Frankfurt-on-the-Main, Germany. Liquid-meter	818,566	Apr. 24	4033	865	121	2401
Scoullar, Charles C., and E. E. Hill, Chicago, Ill. Pulverizer	828,517	Aug. 14	1668	352	123	2111
Scouten, Asabel E., Riding Mountain, Canada. Coupling device	816,129	Mar. 27	4357	923	121	1107
Scovel, James D., Detroit, Mich. Animal-shears	817,524	Apr. 10	1946	411	121	1843
Scovel, John C., Jr., Chicago, Ill. Gas-engine	820,891	May 15	3802	811	122	965
Scovell, Josiah B., assignor to N. E. Scovell, Duluth, Minn. Conveyor	826,066	July 17	2822	586-7	123	752
Scovell, Naomi E. (See Scovell, Josiah B., assignor.)						
Scovill Manufacturing Company. (See Goss, John H., assignor.)						
Scovill Manufacturing Company. (See Nichols, Arthur C., assignor.)						
Scovill Manufacturing Company. (See Stevens, Frederick M., assignor.)						
Scovill Manufacturing Company. (See Warner, Frank E., assignor.)						
Scoville, Eugene M., Waipahu, Hawaii. Device for calculating horse-power	809,019	Jan. 2	783	169	120	172
Scoville, James E., Syracuse, assignor, by mesne assignments, of one-half to Automatic Card Index Company, Utica, N. Y. Card-index	835,476	Nov. 6	1192	257	125	299
Scranton Bedding Company. (See Kaiser, Frank A., assignor.)						
Scr��pel, Georges, and E. J. L. Broux, Roubaix, France. Wheel	829,037	Aug. 21	2705	567	123	2406
Scriba, Louis, Mendota, Ill. Steam-boiler blow-out or cleaner	831,192	Sept. 18	2606	549	124	708
Scriber, Charles E., <i>et al.</i> (See Brown, Eugene, assignor.)						
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Annunciator-drop	812,954	Feb. 20	2869	634	120	2202
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Measured-service system of telephone-exchanges	825,424	July 10	1510	313	123	411
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Telephone-exchange system	828,061	Aug. 7	753	155	123	1857
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Signaling system for electric railways	828,518	Aug. 14	1672	352-3	123	2113
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Electrical selecting appliance	833,805	Oct. 23	3624	775	124	2225
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Protective apparatus for railway telephone sets	834,764	Oct. 30	5759	1223	124	2804
Scriven, James M., and C. F. Barr, Lucas, Kans. Acetylene-gas generator	839,428	Dec. 25	4258	911	125	2538
Scroggins, Frank R. (See Rankin, James A., assignor.)						
Scudder, Hewlett, and R. K. Hohmann, San Diego, Cal. Lens-clamp	836,147	Nov. 20	2474	520	125	712
Scudder, John M., Farmington, Ill. Car-replacer	812,302	Feb. 13	1606	352	120	1892
Scull, George F., assignor to R. Hoe, New York, N. Y. Inking mechanism	814,086	Mar. 6	169	34	121	38
Scullin-Gallagher Iron & Steel Company. (See Gallagher, Thomas M., assignor.) (Re-issue.)						
Scully, George H., Kansas City, Mo. Garment-fitting stand	825,941	July 17	2573	535	123	687
Scully Steel & Iron Company. (See Lingenfelter, Carl E., assignor.)						
Seaborn, Richard A., Sonyea, N. Y. Sandpaper-holder	838,465	Dec. 11	2377	515	125	1988
Seabrook, Charles H. (See Adams, Thomas E., assignor.)						
Seabury, Gorham T., Cheyenne, Wyo. Water or fluid gaging tube	809,471	Jan. 9	1756	362-3	120	420

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Seabury, Gorham T., Cheyenne, Wyo. Water or fluid gaging tube.	839,326	Dec. 25	4059	871	125	2489
Seachrest, Effie, Kansas City, Mo. Desk attachment.	839,654	Dec. 25	4727	1010	125	2649
Seacrist, Elwood E., Vandergrift, Pa. Brace and support.	839,911	Dec. 18	3217	695	125	2234
Seager, Herbert A., assignor of one-half to J. E. Dolloff, Monroe, Wash. Key-holding attachment for locks.	818,199	Apr. 17	3299	705	121	2193
Seager, Schuyler F., assignor to American Suction Gas Producer Company, Lansing, Mich. Gas-purifying apparatus.	826,691	July 24	4098	850	123	1089
Seaholm, Alfred, Chicago, Ill. Fire-escape door.	829,436	Aug. 28	3539	741	123	2662
Seal, Harry E. (See Faber and Seal.)						
Seal, John W., London, assignor of two-thirds to J. B. Langford, Chiswick, England. Incandescent igniter for use with internal-combustion engines.	813,456	Feb. 27	3872	849	120	2474
Sealy, Dayton L., <i>et al.</i> (See Sessions, George B., assignor.)						
Seaman, Albert J., Boston, Mass. Mayonnaise-mixer.	834,876	Oct. 30	5980	1271	124	2859
Seaman, Alonzo D., <i>et al.</i> (See Theil, Charles W., assignor.)						
Seaman, Charles G., Spokane, Wash. Sash-fastener.	818,303	Apr. 17	3502	752	121	2235
Seaman, Daniel C. (See Seaman, Milton R. and D. C.)						
Seaman, Henry B., New York, N. Y., assignor to Gray Lithograph Company. Advertising device.	815,867	Mar. 20	3833	812	121	939
Seaman, John T., <i>et al.</i> (See Theil, Charles W., assignor.)						
Seaman, Joseph S. (See Fynon and Sheriff, assignors.)						
Seaman, Joseph S., Pittsburg, Pa. Apparatus for treating molten metal.	811,097	Jan. 30	5038	1053	120	1255
Seaman, Joseph S., Pittsburg, Pa. Treating molten metal.	811,522	Jan. 30	5858	1228-9	120	1428
Seaman, Milton R. and D. C., Philadelphia, Pa. Automatic transporting apparatus.	825,246	July 3	1105	234-5	123	288
Seamless Steel Bathtub Company. (See Sloman, Eugene H., assignor.) (Reissue.)						
Seamon, William H., El Paso, Tex. Making hydrochloric acid and calcium carbide.	826,614	July 24	3967		123	1056
Searer, Christian, Vandalia, Mich. Draft-gear for vehicles.	809,323	Jan. 9	1443	292	120	351
Searer, Vernon O., Wakarusa, Ind. Draft-connector for vehicles.	819,936	May 8	1795	388	122	465
Searle, Arthur L., Methuen, Mass. Pencil-case.	831,480	Sept. 18	3159	668	124	850
Searle, John C., Hilea, Honolulu, assignor of one-half to T. C. Ridgway, Hilo, Hawaii. Hydraulic apparatus for cane-mills.	826,369	July 17	3392	702-3	123	889
Sears, Frank I., San Francisco, Cal. Voting-machine.	828,978	Aug. 21	2569	543-4	123	2371
Sears, George H., assignor of three-fourths to W. B. and A. E. Huther, Rochester, N. Y. Calculating-machine.	823,897	June 19	3327	709-10	122	2561
Sears, Henry C., Boston, Mass. Hansom-cab.	837,346	Dec. 4	139	35	125	1389
Sears-Roebeck & Co. (See Kinnaman, Wilder M., assignor.)						
Sears, Roebeck & Company. (See Aubrey, Albert J., assignor.)						
Sears, Willard T. (See Reynders and Sears.)						
Sears, Willard T., Philadelphia, Pa. Measuring-bottle.	836,466	Nov. 20	3114	660	125	866
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Variable-speed gearing.	812,886	Feb. 20	2729	600	120	2170
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Speed-changer.	815,642	Mar. 20	3333	698	121	834
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Valve.	818,054	Apr. 17	2999	648	121	2128
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Speeder.	837,969	Dec. 11	1376	300	125	1739
Seasholtz, Edward G., Sunbury, Pa. Mail-box.	810,089	Jan. 16	2978	621	120	739
Seaton, Andrew, assignor of one-half to L. E. Kelley, Osborn, Mo. Device for operating mail-box lids.	817,591	Apr. 10	2072	437	121	1868
Seaton, Benjamin C., assignor of three-eighths to F. A. Kehl, St. Louis, Mo. Tire.	814,737	Mar. 13	1487	313	121	386
Seaton, William, Jr., New York, N. Y. Mechanical stoker.	819,937	May 8	1796	388-9	122	465
Seattle Rotary Engine Company. (See Smith, Norman R., assignor.)						
Seattle Rotary Engine Company. (See Smith and Talbot, assignors.)						
Seavey, Burton G., and W. G. Millen, Keene, N. H. Switch for electric circuits.	836,280	Nov. 20	2750	584	125	782
Sebelin, Ludwig C., Davenport, Iowa, assignor to Davenport Wagon Company. Oil-cup.	830,376	Sept. 4	966	201	124	237
Sebring, Norman B. and W. A., Blissfield, Mich. Beet-harvester.	824,211	June 26	3927	841	122	2748
Sebring, Walter A. (See Sebring, Norman B. and W. A.)						
Sechiari, Parascheva, Paris, assignor to La Société Civile d'Études de l'Indéchirable Grimson, Lyon, France. Frictional transmission element.	816,388	Mar. 27	4914	1043	121	1225
Sechiari, Parascheva, Paris, assignor to La Société Civile d'Études de l'Indéchirable Grimson, Lyon-Villeurbanne, France. Pipe or hose and manufacturing the same.	824,446	June 26	4393	934	122	2843
Sechiari, Parascheva, Paris, assignor to La Société Anonyme du Grimson, Charenton, Seine, France. Cork fabric and making the same.	824,675	June 26	4845		122	2943
Sechler, Jacob, Economy, Pa. Plumb-level.	834,765	Oct. 30	5762	1223	124	2804
Sechrist, Charles F. (See Mease and Sechrist.)						
Seckendorf, George. (See Davis, Samuel, assignor.)						
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Platen-shift mechanism for type-writing machines.	826,892	July 24	4495	936-7	123	1187
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Carriage for type-writing machines.	827,040	July 24	4759	993-4	123	1252
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Platen-shifting mechanism for type-writing machines.	827,041	July 24	4762	994	123	1253
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Type-writer carriage.	827,042	July 24	4765	994-5	123	1253
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Line-lock device for type-writing machines.	829,297	Aug. 21	3255	686	123	2544
Secor, John A., New York, N. Y., assignor to General Power Company. Speed-regulator for explosive-engines.	812,371	Feb. 13	1718	377-8	120	1917
Secoy, Rufus D., Athens, Ohio. Safety device for elevators.	837,253	Nov. 27	4716	999	125	1296
Secrest, Harry O., Cleveland, Ohio. Lawn-trimming device.	819,176	May 1	270	58	122	68
Secrist, William J. (See Peter and Secrist.)						
Sectional Weight Company. (See Brent, John T., 2d, assignor.)						
Security Elevator Safety Company. (See Burnham, Charles S., assignor.)						
Security Investment Company. (See Reed, Charles J., assignor.)						
Seddon, Henry C., West Kensington, England. Fuse for projectiles.	811,252	Jan. 30	5372	1121	120	1327
Seddon, Henry C., West Kensington, England. Fuse for projectiles.	811,667	Feb. 6	262	57	120	1542
Seddon, Henry C., West Kensington, England. Fuse for projectiles.	811,668	Feb. 6	263	57	120	1543
See, Arthur R., Alma, Ill. Key-ring.	812,458	Feb. 13	1890	416	120	1951
See, Filer S., Gem, Kans. Device for transporting passengers from cars.	815,868	Mar. 20	3835	812-13	121	940
See, Filer S., Gem, Kans. Device for transporting passengers to and from moving trains.	822,777	June 5	1082	223	122	1965
Seebach, George W., New York, N. Y. Grip for ropes and the like.	813,457	Feb. 27	3873	849	120	2475
Seebek, Peter D. A., Geestemünde, Germany. Sheet-metal spout for discharging liquids from barrels.	836,467	Nov. 20	3115	661	125	867
Seeberger, Charles D., Yonkers, N. Y. Conveyor.	838,654	Dec. 18	2749	589	125	2122
Seefeldt, William, Philadelphia, Pa. Mouthpiece.	828,979	Aug. 21	2572	544	123	2372

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Seeger, E., <i>et al.</i> (See Nedselski, Bogumil, assignor.)						
Seeger, Henry, Morley, Iowa. Nut-lock	813,242	Feb. 20	3434	757	120	2322
Seegers, John H., Sharon, Pa. Combined curtain-pole, bracket, and window-shade holder	816,684	Apr. 3	279	65	121	1422
Seeland, John C., Christopher, Wash. Semen-carrier	838,753	Dec. 18	2922	630	125	2165
Seeley, Abner M., New York, N. Y. Record-box	837,970	Dec. 11	1379	300	125	1739
Seeley, Charles E., Bradford, Pa. Door-jamb and weather-strip	817,395	Apr. 10	1685	355	121	1788
Seeley, Frank A., New York, N. Y. Car-fender	820,607	May 15	3203	689	122	834
Seeley, Frank E., assignor to Bryant Electric Company, Bridgeport, Conn. Cap for electrical attachment-plugs and the like	836,468	Nov. 20	3116	661	125	867
Seeley, Frank E., assignor to Bryant Electric Company, Bridgeport, Conn. Incandescent-lamp socket	839,655	Dec. 25	4728	1010	125	2650
Seeley, Freeman H., Jacks Creek, assignor of one-half to W. H. Morgan, Finger, Tenn. Double-row cotton-planter	832,088	Oct. 2	122	26	124	1242
Seeley, George E., <i>et al.</i> (See Bundy, Cyrus L., assignor.)						
Seeley, James E., assignor to Synchronous Static Co., Los Angeles, Cal. Electrical discharge apparatus	821,832	May 29	5722	1219	122	1506
Seeley, James E., assignor to Synchronous Static Co., Los Angeles, Cal. Oscillating-current lamp	834,496	Oct. 30	5215	1108	124	2667
Seeley, Marquis F., Chicago, Ill., assignor to Moulton and Evans, Minneapolis, Minn. Scaffold-support	838,218	Dec. 11	1900	408	125	1872
Seeley, William G., Brookline, Mass. Electric hose signaling apparatus	837,512	Dec. 4	455	104	125	1470
Seelig, Edward F., (See Keller, John R., assignor.)						
Seereter, Edward C., Buffalo, N. Y. Toy or toy wagon	836,538	Nov. 20	3255	692-3	125	901
Seerup, Wilhelm T., Copenhagen, Denmark. Can-opener	816,256	Mar. 27	4602	978	121	1159
Seeser, Ludwig W., Raguhn, Germany. Figured covering	812,531	Feb. 13	2040	.....	120	1983
Seever, Elmer J., assignor of one-half to E. G. Klinck, Rose, N. Y. Tellurian	822,693	June 5	938	191	122	1936
Segar, Eugene D., Randolph, assignor to Porter Screen Manufacturing Company, Burlington, Vt. Window-screen	809,753	Jan. 9	2300	476	120	538
Segert, Henry F., Libertyville, Ill. Milk-cooler	835,893	Nov. 13	1985	419	125	541
Segno, A., Victor. (See MacArthur, William F., assignor.)						
Seguin, Arthur J., and E. P. Gingras, Ottawa, Canada. Wire and insulator holder	821,062	May 22	4185	889	122	1110
Seib, George A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine	821,382	May 22	4822	1025	122	1252
Seib, George A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine	837,131	Nov 27	4483	951-2	125	1239
Seibel, Max P., (See Brower, William, assignor.)						
Seiberling, Frank A., (See Saunders, Addison T., assignor.)						
Seiberling, Frank A., (See Scott, Charles S., assignor.)						
Seiberling, Frank A., <i>et al.</i> (See Stevens, William C., assignor.)						
Seiberling, Frank A., Akron, Ohio. Vehicle-wheel	814,087	Mar. 6	173	34	121	39
Seiberling, Frank A., Akron, Ohio. Vehicle-wheel	814,088	Mar. 6	175	35	121	39
Seibert, John M., Pekin, Ill. Initiation apparatus	819,814	May 8	1560	332	122	412
Seiberz, John J., (See Chester, John F., assignor.)						
Seibold, Joseph T., Curran, and M. L. Bacon, Antigo, Wis. Pop-gun	815,223	Mar. 13	2465	514	121	597
Seidel, Harry A., Lebanon, Pa. Mounting for eyeglasses	811,960	Feb. 6	859	189	120	1664
Seidemann, Otto, assignor to Firm of C. Zeiss, Jena, Germany. Belt-shifting for speed-cones	811,799	Feb. 6	502	112	120	1593
Seidl, Frank W., Manitowoc, Wis. Swivel	809,020	Jan. 2	785	169	120	173
Seifert, Bruno R., assignor to Chemische Fabrik von Heyden Aktiengesellschaft, Radebeul, near Dresden, Germany. Bismuth disalicylate and making same	809,583	Jan. 9	1967	.....	120	464
Seifert, Frank A., St. Louis, Mo. Supporting-slab for plaster	815,751	Mar. 20	3587	754	121	889
Seigle, Ralph A., (See Kahn and Seigle.)						
Seller, Philipp, assignor to A. Diefendorf, Chicago, Ill. Pocket receptacle or holder	813,991	Feb. 27	4925	1090	120	2701
Seller, Theodor, Geldern, Germany. Necktie-fastener	836,837	Nov. 27	3876	826-7	125	1092
Selling, Michael J., (See Shaafer and Selling.)						
Selm, William F., <i>et al.</i> (See Durboraw, Charles L., assignor.)						
Seip, John H., Peckville, Pa. Lawn-mower	832,169	Oct. 2	306	58	124	1287
Seipp, Henry C., Pittsburg, Pa. Tie or hanger for buildings	829,234	Aug. 21	3119	656	123	2513
Seiss, George J., Toledo, Ohio. Sounding toy	826,893	July 24	4499	937	123	1188
Seiter, Michael C., (See Skinner, Sidney L., assignor.)						
Seitner, Samuel, Jr., Roann, Ind. Attachment for cultivators	837,740	Dec. 4	931	210	125	1586
Seitz, Albert, McMinnville, Tenn. Stopper-extractor	827,756	Aug. 7	124	27	123	1701
Seitz, Edward, Peoria, Ill. Vapor-lamp	810,226	Jan. 16	3271	678	120	797
Seitz, Theodore A., Grand Rapids, Mich. Line-holder	814,808	Mar. 13	1633	343	121	416
Selander, Nelson W., San Francisco, Cal. Foldable desk	825,355	July 10	1332	281	123	365
Selden, George B., Jr., Rochester, N. Y. Starting-crank for engines	812,094	Feb. 6	1118	246	120	1716
Select Telephone Manufacturing Company. (See Bruce, William M., Jr., assignor.)						
Self, John W., Kansas City, Mo. Ball-bearing caster	816,944	Apr. 3	800	164	121	1536
Self, Rolley C., Norman, Okla. Ter. Aerial tramway	813,745	Feb. 27	4432	977-8	120	2597
Seligstein, Isse. (See Leyh, Carl A., assignor.)						
Selkirk Fence Company. (See Overholt, Elliott G., assignor.)						
Sell, Benjamin F., <i>et al.</i> (See Good, Israel F., assignor.)						
Sell, Edmund D., Canton, Ohio. Credit-cabinet	832,426	Oct. 2	823	158	124	1410
Sell, Leroy A., (See Ritschard and Sell.)						
Selle, Herman C., assignor of one-half to L. F. Selle, Grinnell, Iowa. Cornmeal-bolter	819,177	May 1	271	58	122	69
Selle, L. F., (See Selle, Herman C., assignor.)						
Selleck, William J., Riverside, Conn. Apparatus for unloading, storing, and reloading material	820,527	May 15	3065	660	122	804
Selleck, William J., Riverside, Conn. Automatic car-loading apparatus	824,826	July 3	292	53-4	123	81
Selleck, William J., Riverside, Conn. Unloading apparatus	828,426	Aug. 14	1479	311-12	123	2063
Selleck, William J., Riverside, Conn. Coaling-station	828,427	Aug. 14	1482	312	123	2064
Selleck, William J., Riverside, Conn. Apparatus for storing material	835,563	Nov. 13	1358	292	125	386
Selleck, William J., Riverside, Conn. Apparatus for storing material	837,586	Dec. 4	614	143	125	1505
Sellenscheidt, Carl, assignor to Filter & Brautechnische Maschinen-Fabrik Act. Ges., Berlin, Germany. Apparatus for decanting liquids	814,169	Mar. 6	327	66	121	71
Sellenscheidt, Carl, assignor to Filter & Brautechnischen Maschinen-Fabrik Akt. Ges., vormals L. A. Enzinger, Berlin, Germany. Filter	829,807	Aug. 28	4349	919	123	2861
Sellers, John M., assignor to Sellers Manufacturing Company, Chicago, Ill. Tie-plate	809,987	Jan. 16	2758	567	120	691
Sellers Manufacturing Company. (See Sellers, John M., assignor.)						
Sellers, Otis Q., Wellston, Ohio. Lubricating-wheel	812,887	Feb. 20	2731	600	120	2170
Sellers, Otis Q., Wellston, Ohio. Packing-ring	832,815	Oct. 9	1609	331	124	1639
Sellers, Preston H., East St. Louis, Ill. Steam-condenser	835,260	Nov. 6	772	162	125	195
Selley, Edwin J., (See Pratt, Allison A., assignor.)						
Selna, Victor. (See Arnold, Ernest W., assignor.)						
Selover, Lee G., Winona, Minn. System of power generation	814,237	Mar. 6	454	94	121	98

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Priz.	Vol.	Page.
Seltzer, William H. (See Skevington, Whitehead, and Seltzer.)						
Selzer, Mitchell J., assignor to H. C. Clippinger and J. Dettling, Akron, Ohio. Machine for winding balls.	820,608	May 15	3205	689	122	835
Semeleder, Oskar, Vienna, Austria-Hungary. Orthopedic appliance for curing knock-knees, &c.	810,355	Jan. 16	3546	729	120	857
Semenoff, Ivan, St. Petersburg, Russia. Machine for making paper mouthpieces and applying the same to cigarette-tubes.	814,738	Mar. 13	1489	313-16	121	386
Semmons, John H., Shamokin, Pa. Faucet.	835,837	Nov. 13	1879	398	125	518
Semple, Charles E., Jr., assignor of one-half to C. E. Semple, Sr., Youngstown, Ohio. Pressure-controlling valve.	838,466	Dec. 11	2377	515	125	1988
Semple, Harry, Wilmington, Del. Machine for making necked glass articles.	808,874	Jan. 2	478	105-6	120	106
Semple, John B., Sewickley, Pa. Indicating the trajectory of projectiles.	809,988	Jan. 16	2759	567	120	691
Semple, John B., Sewickley, Pa. Projectile.	835,714	Nov. 13	1644	350	125	457
Sendelbach, Edward C., East St. Louis, Ill. Wheel-hub.	837,424	Dec. 4	295	71	125	1430
Sendelbach, Edward C., East St. Louis, Ill. Wheel-hub.	838,814	Dec. 18	3046	657	125	2194
Senderling, Martin L., Jersey City, N. J. Vehicle-spring.	836,345	Nov. 20	2871	610	125	810
Seneca Camera Manufacturing Company. (See Goddard, Joseph, assignor.)						
Seneca Falls Manufacturing Company. (See Runge, William, assignor.)						
Senev, Henry W. (See Heckert, William, assignor.)						
Seng Company. (See Seng, Frank J. and J. T., assignors.)						
Seng Company. (See Seng, Julius T., assignor.)						
Seng Company. (See Seng, Wendelin P., assignor.)						
Seng, Frank J. and J. T., Chicago, Ill. assignors to Seng Company. Extension-table.	827,944	Aug. 7	495	102	123	1795
Seng, Julius T. (See Seng, Frank J. and J. T.)						
Seng, Julius T., Chicago, Ill., assignor, by mesne assignments, to Geneva Furniture Mfg. Company, Geneva, N. Y. Sofa-bed.	820,826	May 15	3652	779-80	122	932
Seng, Julius T., assignor to Seng Company, Chicago, Ill. Table-lock.	826,196	July 17	3069	636	123	811
Seng, Wendelin P., assignor to Seng Company, Chicago, Ill. Handle for box-couches, davenport, &c.	828,519	Aug. 14	1676	353	123	2113
Senger, Daniel P., Granville, N. D. Oar.	829,899	Aug. 28	4532	955	123	2905
Senior, Alfred I., Motueka, New Zealand. Steam-turbine.	823,641	June 19	2858	604	122	2458
Senn, Caspar, assignor to Maschinenfabrik Rütli vormals Caspar Honegger, Rütli, Switzerland. Double-lift open-shed jacquard-machine.	838,279	Dec. 11	2031	437-8	125	1901
Senn, Charles. (See Hadden and Senn.)						
Senn, Emil, Zürich, Switzerland. Fire-escape.	830,678	Sept. 11	1596	330	124	428
Senn, Jesse J., Bartlett, Nebr. Fence-post.	836,281	Nov. 20	2752	884-5	125	782
Senné, Camillus A., New York, N. Y. Phonograph-horn.	811,877	Feb. 6	651	142-3	120	1623
Senter, John F., Birmingham, Ala., assignor of one-half to Walsh and Weidner Boiler Company, Chattanooga, Tenn. Furnace.	824,385	June 26	4261	908	122	2817
Senton, Benjamin C., Rutland, Vt., assignor to Senton and Evans, New York, N. Y. Composition of matter.	809,472	Jan. 9	1759		120	420
Senton and Evans. (See Senton, Benjamin C., assignor.)						
Separable Body Bolster Company. (See Lowry, William D., assignor.)						
Sepulchre, Louis, Herstal, near Liege, Belgium. Chimney.	819,938	May 8	1800	389	122	466
Sergeant, George S., Greensboro, N. C. Sawmill-feed.	827,572	July 31	5965	1237	123	1564
Sergeant, George S., Greensboro, N. C. Sawmill-dog.	837,132	Nov. 27	4492	953	125	1241
Sergeant Glass Company. (See Davies, Roderick W., assignor.)						
Sergeant, Henry C., Westfield, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Valve-operating device for compressors.	818,567	Apr. 24	4035	866	121	2401
Serodino, Ella, assignor of one-half to W. H. Le Vin, New Orleans, La. Tucking-guide for sewing-machines.	829,298	Aug. 21	3257	686	123	2545
Seropian, George M., et al. (See Adams, Frank C., assignor.)						
Seropian, John M., et al. (See Adams, Frank C., assignor.)						
Serrell, John A., Bayonne, N. J., assignor to Warren Webster and Company. Temperature-regulating apparatus.	816,046	Mar. 27	4183	886-7	121	1069
Serrurier, Phillip D., assignor of one-half to H. Thomson, Savannah, Ill. Car-coupling.	825,767	July 10	2256	468-9	123	595
Serviss, James B., Los Angeles, Cal. Landing means for vessels.	825,490	July 10	1638	341	123	414
Sesseli, Gottlieb, Basel, Switzerland. Mantle or jacket for cooking vessels.	835,715	Nov. 13	1646	350	125	458
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Wire-carrier.	809,226	Jan. 2	1200	245	120	265
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Brush-holder for motors or generators.	813,523	Feb. 27	4018	880	120	2509
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Conductor for electric cars.	821,317	May 22	4673	996	122	1216
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Electric locomotive and means for controlling the same.	824,314	June 26	4109	879	122	2787
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Electric brake.	830,457	Sept. 4	1124	236	124	277
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Electric brake.	830,533	Sept. 11	1291	267	124	346
Sessions, George B., assignor of two-thirds to D. L. Sealy and W. L. David, Findlay, Ohio. Oil-well jack.	822,392	June 5	317	66	122	1795
Sester, Charles P., Peoria, assignor, by mesne assignments, to Portable Elevator Mfg. Co., Bloomington, Ill. Wagon-jack.	833,980	Oct. 23	4130	878	124	2347
Sester, Charles P., assignor, by mesne assignments, to J. A. Engel and Co., Peoria, Ill. Gearing.	839,786	Dec. 25	4992	1066	125	2716
Setter, Michael, assignor to American Electric Telephone Company, Chicago, Ill. Telephone-transmitter.	811,098	Jan. 30	5040	1053	120	1255
Setter, Michael, assignor to Automatic Electric Company, Chicago, Ill. Electric relay.	819,082	May 1	94	22	122	25
Setter, Michael, assignor to Automatic Electric Company, Chicago, Ill. Electric bell.	819,083	May 1	97	22	122	26
Setter, Michael, assignor to Automatic Electric Company, Chicago, Ill. Telephone-transmitter.	819,084	May 1	99	22	122	27
Setter, Michael, assignor to Automatic Electric Company, Chicago, Ill. Strip of lamp-jacks.	819,085	May 1	103	23	122	28
Settino, Pietro, and P. Hoover, Steelton, Pa. Automatic air-pipe coupling.	812,532	Feb. 13	2042	447	120	1983
Settle, Lee, et al. (See Swallow, Fredric, assignor.)						
Setzekorn, Conrad, assignor of one-half to J. H. Kerr, St. Louis, Mo. Slatted partition for refrigerator-cars.	833,752	Oct. 23	3507	748	124	2197
Severin, Henry H., Springfield, Mass. Combined tweezers and blackhead-remover.	834,683	Oct. 30	5586	1185	124	2761
Severy, Melvin L., Arlington Heights, and G. B. Sinclair, Winthrop, Mass., assignors to Choralelo Manufacturing Company. Electric musical instrument.	814,878	Mar. 13	1755	367	121	441
Sevey, William S. E., New Orleans, La. Fender.	825,871	July 10	2413	509	123	641
Servier, Charles A., Jackson, Tenn. Shield and moistener for dental tools.	816,685	Apr. 3	280	65	121	1422
Servigny, Ludger, Sherbrooke, Canada. Cue-rack.	824,386	June 26	4264	908	122	2818
Sevon, Gust F., and O. Jarvimaki, Seattle, Wash. Cake-dough cutter.	837,971	Dec. 11	1380	300	125	1740
Sewall, Minott W., Roselle, N. J. Apparatus for reducing temperature of superheated steam.	834,589	Oct. 30	5386	1143	124	2708
Sewall, Stephen A., and L. H. Abbee, Denver, Colo. Refrigerator.	824,387	June 26	4266	909	122	2818
Seward, Edwin P., Chico, N. Mex. Ter. Weaning-muzzle.	829,038	Aug. 21	2708	568	125	2408
Seward, Frank, Wentworth, Mo. Horseshoeing-stand.	822,158	May 29	6339	1348	122	1646

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Seward, George O., Holcombs Rock, Va., assignor to Willson Aluminum Company, New York, N. Y. Carbon-holder for electric furnaces.....	824,153	June 26	3802	812	122	2721
Sewell, John W., Bellevue, Ky., assignor of one-half to T. C. Pardington, Cincinnati, Ohio. Treating garbage.....	835,689	Nov. 13	1598	340	125	446
Sewell, Percy R. (See Pickles and Sewell.)						
Sewell, T. W., et al. (See Cumpston, Frederick B., assignor.)						
Sewell, Ward E., and H. A. Trussel, Baxter, Iowa. Time light-extinguisher.....	825,491	July 10	1638	341	123	444
Sewell, William N., Winchester, Ky. Collapsible box.....	810,574	Jan. 23	4031	830	120	1001
Sewill, W. E., et al. (See Posey, James A., assignor.)						
Sexmith, Emerson V., Fond du Lac, Wis., and D. E. Moulton, Belle Plaine, Iowa. Automatic air-coupling.....	811,961	Feb. 6	860	189	120	1664
Sexton, Arthur E., Los Angeles, Cal. Paper-folding machine.....	813,593	Feb. 27	4147	909-10	120	2537
Sexton, Arthur E., Los Angeles, Cal. Paper-holder.....	813,594	Feb. 27	4149	910	120	2537
Sexton, Roby D., Grassy Creek, N. C. Tamping-machine.....	826,692	July 24	4099	850-1	123	1090
Seyboth, Friedrich W., and E. K. A. Baumann, Zwickau, Germany. Belt-shifter.....	809,329	Jan. 9	1445	293	120	352
Seyboth, Friedrich W., and E. K. A. Baumann, assignors to Konstruktionsbüro Zwickau						
Seyboth, Baumann u. Co., Zwickau, Germany. Charging apparatus for boiler-furnaces.....	832,629	Oct. 9	1235	249	124	1551
Seyfang, John F. (See Bennett and Seyfang.)						
Seyfert, Stanley S., assignor of one-half to W. S. Franklin, South Bethlehem, Pa. Commutator.....	837,425	Dec. 4	297	71-2	125	1430
Seyfert, Stanley S., assignor of one-half to W. H. Jacobs, South Bethlehem, Pa. Means for commutating motor and other electric currents.....	837,889	Dec. 4	1199	266	125	1652
Seyhers, Frank, assignor of one-fourth to R. H. Driscoll, Lead, S. D. Rail-joint support.....	818,394	Apr. 17	3677	790	121	2271
Seyhers, Frank, Lead, assignor of one-half to J. Lapp, Rochford, and R. H. Driscoll, Lead, S. D. Railway-tie.....	809,401	Jan. 9	1619	328	120	389
Seyler, Edward J., assignor of one-half to H. J. Friesbie, Erie, Pa. Door-securer.....	820,019	May 8	2024	444	122	514
Seymour, Albert P., Syracuse, assignor to Pass & Seymour, Incorporated, Solvay, N. Y. Socket for incandescent electric lamps.....	811,253	Jan. 30	5375	1121	120	1327
Seymour, Albert P., Syracuse, assignor to Pass & Seymour, Incorporated, Solvay, N. Y. Receptacle for incandescent electric lamps.....	817,396	Apr. 10	1686	356	121	1788
Seymour, Albert P., Syracuse, assignor to Pass & Seymour, Incorporated, Solvay, N. Y. Receptacle for incandescent electric lamps.....	817,449	Apr. 10	1796	377	121	1811
Seymour, Charles D., Rensselaer, N. Y. Adjustable leg for billiard-tables.....	809,078	Jan. 2	911	191	120	202
Seymour, Dudley S., Oak Park, assignor to Union Special Sewing Machine Company, Chicago, Ill. Lubricating device.....	821,063	May 22	4186	889	122	1110
Seymour, George. (See Lidke and Seymour.)						
Seymour, George F., Hollister, Cal. Boiler-tube cutter.....	837,426	Dec. 4	300	72	125	1431
Seymour, John E., assignor of one-half to W. S. Wardell, Orange, N. J. Pipe-vise.....	838,143	Dec. 11	1755	376-7	125	1835
Seymour, Ralph C., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Folding-machine.....	820,675	May 15	3329	714-15	122	860
Seyster, Lee. (See Sampson, Winslow F., assignor.)						
Shaaiber, Mahlon, Reading, Pa. Ball-bearing trolley-wheel bushing.....	809,852	Jan. 9	2480	516	120	579
Shaaiber, Mahlon, and M. J. Seiling, Reading, Pa. Automatic switch-controlling device.....	838,589	Dec. 18	2620	565	125	2091
Shackleford, Gibbon C., Allegheny, Pa. Charging apparatus for blast-furnaces.....	809,754	Jan. 9	2301	477	120	539
Shadbolt, William O., New York, N. Y. Dumping-vehicle.....	838,815	Dec. 18	3047	657	125	2195
Shade, Theodore, Aberdeen, Wash., assignor of one-half to J. W. Giffen, Greensburg, Pa. Steam and hydraulic dredge.....	828,141	Aug. 7	895	184	123	1891
Shadwell, Uranus H., Caldwell, Ohio. Lap-ring.....	833,180	Oct. 16	2341	491	124	1869
Shaefer, Fred, Atlanta, Ga. Garment-supporter.....	832,344	Oct. 2	661	126	124	1371
Shaefer, Aaron V., and A. C. Ruby, Fort Wayne, Ind. Saw-set.....	819,939	May 8	1803	390	122	466
Shaffer, Charles T., Santa Ana, Cal., assignor to Western Tool and Manufacturing Company, Springfield, Ohio. Wheeled base for portable stands.....	833,253	Oct. 16	2493	522	124	1907
Shaffer, Jacob P. (See Gifford, Squire D., assignor.)						
Shaffer, Lemeon P., and C. Devis, Canton, Ohio. Sand or clay screen.....	810,682	Jan. 23	4226	875	120	1045
Shaffer, Louis H., Fridley, Mont. Splint.....	819,607	May 1	1111	245	122	250
Shaffer, William H., assignor to Ahrens Fire Engine Company, Cincinnati, Ohio. Steam-pump.....	821,674	May 29	5402	1151	122	1433
Shaffer, Adam L., Omaha, Nebr. Piston-rod packing.....	830,858	Sept. 11	1948	409	124	522
Shaffer, Clem, Harmony, Ind. Vehicle-wheel hub.....	836,469	Nov. 20	3117	661-2	125	867
Shaffer, Daniel, Aurora, Ill. Water-heater.....	817,525	Apr. 10	1948	411	121	1843
Shaffer, Elick T. (See Weempe, Charles M., assignor.)						
Shaffer, Francis F., assignor of one-third to P. W. Cavanaugh, Cumberland, Md. Railway-car truck.....	810,815	Jan. 23	4477	931	120	1099
Shaffer, George W., and J. L. Harman, Florence, Mont. Sled-brake.....	818,475	Apr. 24	3827	823	121	2359
Shaffer, John, Forbes Road, Pa. Car-door apparatus.....	820,020	May 8	2025	444	122	514
Shaffer, John E., assignor to J. J. Burns, Cumberland, Md. Horseshoe.....	817,526	Apr. 10	1950	411	121	1844
Shaffer, Thomas, St. Joseph, Mo. Chocolate-dipping machine.....	828,320	Aug. 14	1678	353	123	2114
Shaffield Car Company. (See Donovan, James, assignor.)						
Shaffner, Claude, et al. (See Shaffner, George, assignor.)						
Shaffner, George, assignor to G. and C. Shaffner and R. H. Gray, Dallas City, Ill. Support.....	821,833	May 29	5725	1220	122	1507
Shaffrank, Jerome H., Cleveland, Ohio. Brick-clamp.....	828,576	Aug. 14	1787	377	123	2144
Shaffer, Harry D., Philadelphia, Pa. Horseshoe.....	819,086	May 1	105	23	122	28
Shaffer, Russell H., Forestville, Conn. Handle for tools.....	826,894	July 24	4500	938	123	1188
Shain, Charles D., Rockaway Park, N. Y. Vaporizer or carbureter.....	835,564	Nov. 13	1362	292	125	387
Shaker, Alfred, Chicago, Ill. Pantograph.....	811,333	Jan. 30	5526	1152	120	1359
Shaker, Alfred, Chicago, Ill. Drawing instrument.....	836,221	Nov. 20	2620	551	125	748
Shakespeare, Franklin H., East Orange, N. J. Continuous-rail frog and switch.....	812,687	Feb. 13	2337	511-12	120	2039
Shakespeare, William, Jr. (See Lamphier, Edward A., assignor.)						
Shakespeare, William, Jr. (See Rhodes, Bert O., assignor.)						
Shakespeare, William, Jr., Kalamazoo, Mich. Fishing-reel.....	820,609	May 15	3207	689	122	835
Shakespeare, William, Jr., Kalamazoo, Mich. Fish-hook.....	827,757	Aug. 7	125	27	123	1701
Shaler, Justin B., New York, assignor of one-half to W. J. O'Hearn, Brooklyn, N. Y. Step-ladder.....	821,834	May 29	5727	1220	122	1507
Shallenberger, Charles S., St. Louis, Mo. Body-bolster for railway-cars. (Reissue).....	12,468	Mar. 27	5244	1112	121	1299
Shallenberger, Ralph G., Braddock, Pa. Combination hand-tool.....	816,885	Apr. 3	676	140	121	1508
Shallow, Edward F., Philadelphia, Pa. Water-gage.....	826,895	July 24	4501	938	123	1188
Shamblin, Andrew J., assignor of one-half to I. H. Nakdimen, Muldrow, Ind. Ter. Wagon-jack.....	817,877	Apr. 17	2646	574	121	2048
Shambough, Howard N., Norristown, Pa. Target-trap.....	833,345	Oct. 16	2681	565-6	124	1956
Shanahan, Edward J., Tribes Hill, N. Y. Poultry appliance.....	817,448	Apr. 10	1794	377	121	1810
Shanahan, John T. (See Weakley, John J., assignor.)						
Shanck, Henry K., Cleveland, Ohio. Explosive-engine.....	813,746	Feb. 27	4433	978-9	120	2598
Shand, Alexander C., Narberth, Pa. Tie-plate.....	832,630	Oct. 9	1237	249	124	1551

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Shand, George W., and A. F. Marcus, Salem, Oreg. Baling-press.	833,753	Oct. 23	3508	748-9	124	2198
Shanisey, Frederick J., Sr., assignor to Crawford-McGregor & Canby Company, Dayton, Ohio. Last-turning machine.	831,749	Sept. 25	3727	780	124	1037
Shank, Augustus W. (See Frish and Shank.)						
Shank, Edmund S. (See Aiken, Harry C. and E. C., assignors.)						
Shanklin, Philip A., assignor to J. E. Taylor, Sandoval, Ill. Rolling-coltter standard and fork attachment.	811,447	Jan. 30	5724	1199	120	1400
Shanks, Frank F., Chicago, Ill. Phonograph, gramophone, and other similar sound-reproducing machines.	822,024	May 29	6074	1294	122	1585
Shankwiler, Donald P., South Bend, Ind. Ruling device.	810,356	Jan. 16	3547	730	120	858
Shanno, Lawrence, <i>et al.</i> (See Liljeros, Carl O., assignor.)						
Shannon, Charles, Dayton, Ohio. Paint displaying, testing, and demonstrating device.	830,679	Sept. 11	1597	330	124	428
Shannon, Charles E., Marble City, Ind. Ter. Railway-tie.	813,243	Feb. 20	3435	757	120	2322
Shannon, Charles V., Dawson, Canada. Copy-holder.	811,962	Feb. 6	862	189	120	1664
Shannon, John J., Bangor, Me. Lifting-jack.	809,584	Jan. 9	1968	408	120	464
Shannon, John N. (See Fisher, Thomas, assignor.)						
Shannon, Peter, Chicago, Ill. Speed-changing mechanism.	812,888	Feb. 20	2732	601	120	2170
Shannon, Robert W., and A. G. Milligan, New Lexington, Ohio. Apparatus for cleaning erasers.	830,377	Sept. 4	967	201	124	238
Shapleigh, Samuel B. (See Lehmkuhl, William B., assignor.)						
Sharbaugh, Edward W., East Pittsburgh, Pa. Hat-stretcher.	814,628	Mar. 6	1251	263	121	271
Share, Albert, assignor of one-third to E. C. Regester, Baltimore, Md. Tank-support.	822,159	May 29	6340	1348	122	1647
Share, Albert, assignor of one-half to E. C. Regester, Baltimore, Md. Pipe-hanger.	811,245	Sept. 18	2708	571	124	734
Sharick, Justice W. (See Smith and Heckman, assignors.)						
Sharkey, Dominick W., Syracuse, N. Y. Carousel.	837,890	Dec. 4	1203	267	125	1653
Sharman, John A. (See Thompson and Sharman.)						
Sharp, Byron, St. Louis, Mo. Non-refillable bottle.	828,903	Aug. 21	2433	517	123	2337
Sharp, Byron, St. Louis, Mo. Non-refillable bottle.	832,752	Oct. 9	1480	297	124	1609
Sharp, Byron, St. Louis, Mo. Non-refillable bottle.	835,643	Nov. 13	1528	326	125	430
Sharp, Charles S. (See Kennedy and Sharp.)						
Sharp, Frank P., and R. C. Andrus, assignors to Hoag Rapid Press Company, San Francisco, Cal. Printing-press.	827,886	Aug. 7	379	81	123	1764
Sharp, Harry E., Rockville, assignor of one-half to G. Ulrich, Hartford, Conn. Car-switching mechanism.	815,560	Mar. 20	3168	665	121	797
Sharp, Herbert D., Sandusky, Ohio. Can-opener.	811,110	Sept. 18	2461	520	124	674
Sharp, James R., Chicago, Ill. Hoist.	838,655	Dec. 18	2752	500	125	2123
Sharp, James R., Chicago, Ill. Hydraulic weighing and feeding device.	839,656	Dec. 25	4729	1011	125	2650
Sharp, John, Glasgow, Scotland. Rotary exhaustor.	812,688	Feb. 13	2342	512	120	2040
Sharp, John A., <i>et al.</i> (See Meyer, John J., assignor.)						
Sharp, John M., Chattanooga, Tenn. Calculating-machine.	810,090	Jan. 16	2982	622	120	740
Sharp, Joseph B. (See Hettinger and Bateman, assignors.)						
Sharp, Joshua H., assignor to F. S. Haberzette, Fort Worth, Tex. Copy-holder.	838,590	Dec. 18	2622	565	125	2091
Sharp, Judson C., Salt Springville, N. Y. Fire-escape.	835,985	Nov. 13	2132	457	125	574
Sharp, Lee C., Omaha, Nebr. Metallic post.	820,319	May 8	2624	571	122	647
Sharp, Lee C., Omaha, Nebr. Metallic railway-tie.	820,368	May 8	2719	592	122	668
Sharp, Lee C., Omaha, Nebr., assignor to American Can Company, New York, N. Y. Apparatus for forming and soldering can-bodies.	812,955	Feb. 20	2870	634-5	120	2202
Sharp, Lee C., Omaha, Nebr., assignor to American Can Company, New York, N. Y. Can-opener.	815,477	Mar. 20	3015	628	121	764
Sharp, Thomas, Carlisle, Pa. Lamp-holder.	816,504	Mar. 27	5132	1088	121	1271
Sharp, Trevelyan, Manchester, England. Apparatus for compressing scrap metal.	823,703	June 19	2966	628	122	2481
Sharp, W. N. (See Littauer, Alfred, assignor.)						
Sharpe, John, assignor to A. B. Saylor, Bloomfield, Canada. Water-motor for cream-separating machines.	819,087	May 1	108	23	122	29
Sharpe, Joseph K. Jr., assignor to Indiana Manufacturing Company, Indianapolis, Ind. Fan for pneumatic stackers.	830,618	Sept. 11	1470	304	124	394
Sharples, James, Birmingham, England. Burner for oil-lamps.	820,068	May 8	2142	466	122	541
Sharples, William H. (See Boardman and Sharples.)						
Sharts, Truman P., Readsboro, assignor of three-fourths to C. J. Howe, Jamaica, W. C. Davis and J. H. Cole, Readsboro, Vt. Apparatus for producing carbon.	819,606	May 1	1109	245	122	249
Sharwood, William J., Berkeley, Cal., assignor of one-half to C. W. Merrill, Lead, S. D. Precipitating metals from cyanid solutions.	832,880	Oct. 9	1748		124	1674
Shary, Arnold J., and T. L. Anthony, Wilber, Nebr. Windmill attachment.	817,808	Apr. 17	2503	536	121	2015
Shatto, Clyde O., Sharon, Pa., and L. S. Denison, Ravenna, Ohio. Electric time-switch.	811,589	Feb. 6	109	23-4	120	1509
Shaughnessy, Michael L. (See Barry and Shaughnessy.)						
Shaul, S. M. (See Huff, Furman, assignor.)						
Shaules Amusement Construction Company. (See Shaules, Herbert A., assignor.)						
Shaules, Herbert A., assignor to Shaules Amusement Construction Company, New York, N. Y. Target.	811,963	Feb. 6	863	190	120	1665
Shaver, Fred W., Fairview, Ill. Replanting attachment for cultivators.	837,891	Dec. 4	1208	267	125	1654
Shaver, George F., New York, N. Y., assignor to Hygienic Soap Granulator Company. Cake of soap.	824,154	June 26	3804	812	122	2721
Shaver, George F., assignor to Hygienic Soap Granulator Company, New York, N. Y. Soap-shaving machine.	826,896	July 24	4504	938-9	123	1190
Shaver, Husted B., assignor of one-half to J. W. Davidson, Flemington, W. Va. Wrench.	827,672	July 31	6192	1286	123	1625
Shaw, Alva A., Arkadelphia, Ark. Railway-switch.	816,257	Mar. 27	4603	979	121	1160
Shaw, Angus W., Toronto, Canada, assignor to R. Fleming, trustee. Aerial ladder.	818,304	Apr. 17	3504	752-3	121	2235
Shaw, Anthony J., assignor of two-thirds to J. B. and D. M. Parker, Bridgeton, N. J. Glass-blowing machinery.	825,082	July 3	785	164	123	211
Shaw, Arthur E., assignor to Pennsylvania Globe Gas Light Company, Philadelphia, Pa. Street-light.	820,369	May 8	2720	593	122	668
Shaw, Carey, <i>et al.</i> (See Coffin, Edward F., assignor.)						
Shaw, Charles A., Chicago, Ill. Fish-hook.	816,130	Mar. 27	4359	923	121	1107
Shaw, Charles H., Denver, Colo. Rock-drill.	830,744	Sept. 11	1749	360	124	472
Shaw, Clifford. (See Young and Shaw.)						
Shaw, Dewey C., Lincoln, Nebr. Type-handling implement for printers.	825,425	July 10	1513	313	123	412
Shaw, Edgar, Swampscott, Mass. Apparatus for mixing dough, &c.	838,467	Dec. 11	2380	516	125	1988
Shaw, Edward P., New York, N. Y. Mixing or stirring device.	835,165	Nov. 6	583	118	125	147
Shaw, Edward R., Lynn, Mass. Implement for cutting leather and the like.	815,643	Mar. 20	3335	698-9	121	835
Shaw, Edwin C., assignor to B. F. Goodrich Company, Akron, Ohio. Tire-tool.	832,170	Oct. 2	307	58	124	1287
Shaw, Floyd P., Ventura, Cal. Box-fastener.	831,896	Sept. 25	4053	844	124	1118
Shaw, Francis G., assignor to International Switch and Signal Company, Boston, Mass. Means for keeping switch and signal apparatus free from snow and ice.	834,327	Oct. 30	4886	1034	124	2583
Shaw, Francis M. (See Shaw, Henry M., assignor.)						
Shaw, Frank, Syracuse, N. Y. Shaft-coupling.	818,476	Apr. 24	3828	823-4	121	2359

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Shaw, Frederick E., Providence, R. I. Sewer appurtenance	821,675	May 29	5404	1151	122	1433
Shaw, Frederick E., Providence, R. I. Sewer-pipe	823,141	June 12	1840	379	122	2176
Shaw, George J., and L. Long, Buchanan, N. Y. Belt-holder	815,125	Mar. 13	2263	473	121	549
Shaw, George S., assignor to Indianapolis Switch and Frog Company, Springfield, Ohio. Railway-switch	832,631	Oct. 9	1238	249	124	1551
Shaw, Henry C., Glenshaw, Pa. Continuous magnetic furnace	821,752	May 29	5566	1184-5	122	1471
Shaw, Henry M., assignor to F. M. Shaw, East Orange, N. J. Static discharger and lightning-arrester	815,384	Mar. 20	2842	591	121	725
Shaw, Irvin A., Leavenworth, Kans. Sash-fastener	825,768	July 10	2258	469	123	596
Shaw, John, Kirwin, Wyo. Lock-buckle	812,372	Feb. 13	1726	378	120	1918
Shaw, John H., assignor to Sargent and Company, New Haven, Conn. Plane	824,954	July 3	554	110	123	147
Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Lock	830,013	Sept. 4	201	37	124	50
Shaw, John H., assignor to Sargent and Company, New Haven, Conn. Food-chopper	833,422	Oct. 16	2840	603	124	1994
Shaw, John H., New Haven, and A. A. Page, East Haven, assignors to Sargent & Company, New Haven, Conn. Lock	830,014	Sept. 4	202	37	124	51
Shaw, John I., Novinger, Mo. Whiffletree connection	824,265	June 26	4030	862	122	2770
Shaw, John W., Humboldt, Iowa. Portable display-case	818,712	Apr. 24	4333	929	121	2468
Shaw, Louis E., assignor to J. B. Colt Company, New York, N. Y. Feeding mechanism for acetylene-generators	834,328	Oct. 30	4888	1035	124	2583
Shaw, Melville D., and W. P. Rhody, Wapakoneta, Ohio. Apparatus for generating gas	830,015	Sept. 4	204	38	124	51
Shaw, Melvin E., Knowlesville, assignor to Auto Doctor Company, Geneva, N. Y. Coin-controlled vending-machine	835,838	Nov. 13	1880	398-9	125	518
Shaw, Michael E., Maplewood, Ohio. Vehicle-tongue	839,518	Dec. 25	4454	949	125	2585
Shaw, Ora D., Boston, Mass. Sewing-machine	809,989	Jan. 16	2761	568	120	691
Shaw, Ora D., Boston, Mass. Headwear	814,089	Mar. 6	178	35	121	89
Shaw, Ora D., Boston, Mass. Cap	817,343	Apr. 10	1571	330	121	1763
Shaw Propulsion Company. (See Shaw, Robert W., assignor.)						
Shaw, Richard L., Barnes, England. Guard for spindle-molding machines	825,008	July 3	656	132-3	123	172
Shaw, Robert W., Stamford, Conn. Currycomb	826,370	July 17	3396	703	123	890
Shaw, Robert W., Stamford, Conn., assignor to Shaw Propulsion Company. Propeller	818,125	Apr. 17	3140	675-6	121	2158
Shaw, Samuel, East Richmond, Victoria, Australia. Lighting appliance for gas-lamps	835,117	Nov. 6	488	99	125	126
Shaw, Samuel W., Chicago, Ill. Rail-joint	828,428	Aug. 14	1487	313	123	2065
Shaw, William A., North Clarendon, assignor of one-half to C. W. Titus, Warren, Pa. Well-tube safety-catch	823,974	June 19	3484	744	122	2595
Shaw, William E. (See Dyer, Walter, assignor.)						
Shaw, William E., San Francisco, Cal., assignor of one-half to H. B. Copland, Boston, Mass. Detachable-calk horseshoe	823,296	June 12	2168	452-3	122	2250
Shawmut Motor Company. (See Phelps, Lucius J., assignor.)						
Shawver, John W., Portland, Ind. Well-drilling machine	817,527	Apr. 10	1950	412-13	121	1844
Shawver, Paul W., Davenport, Iowa. Oil-cup	827,470	July 31	5746	1190	123	1510
Shay, Joseph A., New York, N. Y. Clasp	836,838	Nov. 27	3877	827	125	1093
Shea, Christopher A., Philadelphia, Pa., assignor to Underwood Typewriter Company, New York, N. Y. Adjustable line-predetermining device for type-writers	815,644	Mar. 20	3341	700	121	836
Shea, Thomas A., Hammond, Ind. Coil-spring controller	829,437	Aug. 28	3540	742	123	2662
Shea, William T., Chicago, Ill. Book-support	831,193	Sept. 18	2607	549	124	708
Sheaffer, James E. (See Skinner and Sheaffer.)						
Sheaffer, James E., assignor of one-half to O. C. Skinner, Burnham, Pa. Preventing the formation of clinker in gas-producers	809,021	Jan. 2	786	169	120	173
Sheak, Andrew G., Binghamton, N. Y., assignor to Nineteen Hundred Washer Co. Water-filter	821,194	May 22	4433	944-5	122	1165
Sheakley, Arthur M., Stockton, Cal. Fiber-baling machine	812,155	Feb. 6	1266	277	120	1747
Sheakley, Arthur M., assignor to Hercules Manufacturing Company, Stockton, Cal. Fiber-crating machine	815,478	Mar. 20	3016	629	121	765
Shear, George W., Joliet, Ill. Furnace-door	829,438	Aug. 28	3541	742	123	2662
Shear, George W., Joliet, Ill. Furnace-door frame	829,490	Aug. 28	3677	777	123	2696
Shear, George W., Joliet, Ill. Metallurgical furnace	829,676	Aug. 28	4064	861	123	2792
Shearer, Andrew, Frankfort, Kans., assignor of one-half to L. Kirlin, Kansas City, Mo. Combined lister-plow and planter	810,575	Jan. 23	4033	830	120	1001
Shearn, Joseph H., Leeds, Mass. Paper-box machine	834,080	Oct. 23	4365	927-9	124	2404
Sheble, Horace. (See Hawthorne and Sheble.)						
Sheble, Horace, et al. (See Pancoast, Edwin A., assignor.)						
Shedd, Harrison B. (See Solomon, Emmet G., assignor.)						
Sheddian, Leon L., Fayetteville, Tenn. Vehicle-spring	832,171	Oct. 2	309	58	124	1288
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to American Tobacco Company, New York, N. Y. Cigar-machine	817,809	Apr. 17	2505	536	121	2018
Shedlock, Alfred, Jersey City, N. J., assignor to I. B. Kleinert Rubber Company, New York, N. Y. Clasp	829,175	Aug. 21	3015	630	123	2487
Shedlock, Alfred, Jersey City, N. J., assignor to I. B. Kleinert Rubber Company, New York, N. Y. Clasp	829,176	Aug. 21	3017	630	123	2488
Shedlock, Alfred, Jersey City, N. J., assignor to M. G. Cohn and Company, New York, N. Y. Hair-dressing device	831,111	Sept. 18	2462	520	124	675
Shedrick, Charles E., Sherbrooke, Quebec, Canada. Electric controller	831,304	Sept. 18	2838	601	124	769
Sheehan, John B., New York, N. Y. Boot or shoe heel	830,458	Sept. 4	1127	236	124	278
Sheehan, Thomas C., Jersey City, N. J., assignor to Trinity Press Company, New York, N. Y. Printing-press	838,912	Dec. 18	3218	695	125	2234
Sheehan, Thomas C., New York, N. Y., assignor to Trinity Press Company. Blanket for lithographic and other presses	839,214	Dec. 25	3847	827	125	2436
Sheehy, James B., assignor of one-third to P. C. Peck, New York, N. Y. Incandescent burner	820,676	May 15	3331	715	122	861
Sheehy, Robert J., New York, N. Y. Printing-telegraph	818,477	Apr. 24	3829	824	121	2359
Sheehy, Robert J., New York, N. Y. Telegraphy	826,615	July 24	3668	821-2	123	1056
Sheehy, Robert J., New York, N. Y. Railway-signal	829,606	Aug. 28	3926	832	123	2758
Sheehy, Robert J., New York, N. Y. Selecting and signaling system	831,687	Sept. 25	3620	759	124	1009
Sheehy, William E., Boston, Mass. Power-hammer for forging tapered work	811,669	Feb. 6	263	58	120	1543
Sheeley, Howard E., Michigan City, Ind. Clamp and support for telegraph and telephone cables	827,573	July 31	5966	1237	125	1564
Sheen, Daniel R., Peoria, Ill. Bow-facing rowing mechanism	817,810	Apr. 17	2507	537	121	2018
Sheen, Daniel R., Peoria, Ill. Bow-facing rowing mechanism	826,693	July 24	4100	851	123	1090
Sheets, George T., assignor of one-third to G. G. Gray, Salt Lake City, Utah. Door check and closer	822,992	June 12	1512	315	122	2107
Sheets, Henry W. (See Straube, Francis M., assignor.)						
Sheets, Jacob L., Stella, Wash. Detachable saw-handle	811,099	Jan. 30	5041	1054	120	1255
Sheets, Jacob W., Dayton, Ohio. Dumping-wagon	834,329	Oct. 30	4889	1035	124	2584
Sheets, Jesse T., Covington, Ky., assignor of one-half to S. P. Kineon, Cincinnati, Ohio. Telegraph-key	830,253	Sept. 4	712	144	124	180

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Page.
Sheets, Tom. (See French and Sheets.)						
Sheetz, William J., <i>et al.</i> (See Burns, Jeremiah D., assignor.)						
Sheetz, William J., assignor of one-half to H. M. Baker, Washington, D. C. Hot-water heating system.	812,889	Feb. 20	2734	601-2	120	2171
Sheetz, William J., assignor of one-half to H. M. Baker, Washington, D. C. Boiler.	812,890	Feb. 20	2736	602	120	2171
Sheetz, William J., assignor to Federal Marking Machine Company, Washington, D. C. Mail-marking machine.	833,754	Oct. 23	3510	749	124	2198
Sheffield Car Company. (See Donovan, James, assignor.)						
Sheffield Car Company. (See Henderson, James, assignor.)						
Sheffield Car Company. (See Mast, Aaron, assignor.)						
Sheffield Car Company. (See Miller, Warren H., assignor.)						
Sheffield, William H., <i>et al.</i> (See Willson, Charles T., assignor.)						
Sheffield, William H., Hobart, N. Y. Filling apparatus.	833,637	Oct. 16	3289	699-700	124	2099
Shelcott, Leonard C., New London, Conn. Level.	835,986	Nov. 13	2134	458	125	575
Shehadi, Beshara, <i>et al.</i> (See Dietz, Herman F., assignor.)						
Shehadi, Joseph, <i>et al.</i> (See Dietz, Herman F., assignor.)						
Sheibley, Jacob E. (See Markley and Sheibley.)						
Shelby, Charles F., Globe, Ariz. Ter. Latch device for dumping structures.	815,645	Mar. 20	3342	700	121	836
Shelby, H. G., <i>et al.</i> (See Wheeler, George E., assignor.)						
Shelby Safety Switch Company. (See Cochran, William R., Jr., assignor.)						
Shelby Spring Hinge Co. (See Steele, Harry W., assignor.)						
Shelby Steel Tube Company. (See Dunn, Jerry J., assignor.)						
Shelby Steel Tube Company. (See Wikstrom, Malcolm, assignor.)						
Sheldon, Artimus E. (See Thompson and Sheldon.)						
Sheldon, Charles R., Port Huron, Mich. Collapsible table.	816,258	Mar. 27	4605	979	121	1160
Sheldon, Edgar H., Chicago, Ill. Bench-stop.	836,655	Nov. 20	3469	740	125	951
Sheldon, Fred L., Tacoma, Wash. Traction-increasing mechanism.	816,505	Mar. 27	5133	1088	121	1271
Sheldon, Herbert F., Boston, assignor of one-fourth to T. F. Maguire, East Walpole, Mass. Clamp for holding coverings on rolls.	832,215	Oct. 2	404	75	124	1310
Sheldon, Irving L., assignor of one-half to J. Marshall, Fall River, Mass. Pasteboard-bending machine.	815,479	Mar. 20	3018	629-30	121	765
Sheldon, Roscoe S., West Allis, Wis. Grading implement.	829,491	Aug. 28	3678	777	123	2696
Shelley, Peter A., Louisville, Ky. Street-sweeper.	819,178	May 1	274	59	122	69
Shell, Levi, Sibley, Iowa. Cement-pipe mold. (Reissue)	12,586	Dec. 25	5013	1070	125	2721
Shellabarger, Elmer G. (See Shellabarger, Flavius W. and E. G.)						
Shellabarger, Flavius W. and E. G., Dayton, Ohio. Cement fence-post.	828,429	Aug. 14	1488	313	123	2065
Shellabarger, Edward F., Dekalb, Ill. Weather-strip.	821,261	May 22	4558	969	122	1192
Shellabarger, Michael M., De Kalb, Ill. Weather-strip.	815,646	Mar. 20	3344	700	121	836
Shellenberger, John, Rome, Ga. Crate-nailing-up form.	811,448	Jan. 30	5726	1199	120	1401
Shellenberger, John, Rome, Ga. Fruit-crate.	811,449	Jan. 30	5729	1200	120	1401
Shellhamer, Luella W., Los Angeles, Cal. Electric heating-pad.	836,282	Nov. 20	2752	585	125	783
Shelly, Nathan S., Mannheim, Pa. Bran-distributor.	814,809	Mar. 13	1635	343	121	416
Shelmire, Robert W., Roanoke, Va. Skate.	829,900	Aug. 28	4533	956	123	2906
Shelton, Edwin T., St. Louis, Mo. Stump-extractor.	837,587	Dec. 4	617	144	125	1506
Shelton, James L., Richmond, Va. Water-wheel.	816,826	Apr. 3	546	117	121	1478
Shelton, John, Denver, Colo. Dump-car.	822,778	June 5	1084	223-4	122	1966
Shelton, Leander F., Sr. (See Harper, Andrew J., assignor.)						
Shelton, William G., St. Louis, Mo. Massage instrument.	816,506	Mar. 27	5137	1088-9	121	1272
Shelton, William G., Chicago, Ill. Massage instrument.	829,742	Aug. 28	4207	891	123	2824
Shely, Richard W., Chicago, Ill. Machine for applying fluids to surfaces.	826,897	July 24	4508	939	123	1191
Shely, Richard W., Chicago, Ill. Vending-machine.	827,043	July 24	4766	995-6	123	1254
Shem, George W., assignor to Alliance Machine Company, Alliance, Ohio. Automatic brake.	810,227	Jan. 16	3273	678	120	797
Shemwell, Baxter, St. Louis, Mo. Bed-brace.	828,631	Aug. 14	1884	397	123	2168
Shenk, Henry. (See Wagner and Shenk.)						
Shepard, Amos, Plantsville, assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch.	809,534	Jan. 9	1869	388	120	445
Shepard, Amos, Plantsville, assignor to Russell and Erwin Mfg. Co., New Britain, Conn. Latch.	817,878	Apr. 17	2647	575	121	2049
Shepard, Amos, Plantsville, assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch.	828,780	Aug. 14	2177	460	123	2241
Shepard, Charles C., assignor to Multiple Woven Hose & Rubber Company, Worcester, Mass. Former for tubular fabrics.	824,212	June 26	3930	842	122	2749
Shepard, Charles H., New York, assignor to Wyckoff, Seamans & Benedict, Lion, N. Y. Type-writing machine.	808,875	Jan. 2	492	106-7	120	110
Shepard, Edgar T., Oneida, N. Y. Yoke for split sheet-metal pulleys.	823,483	June 12	2525	530	122	2326
Shepard, Francis H., New York, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Multiple-unit switch-control system.	832,926	Oct. 9	1831	378-9	124	1692
Shepard, Frank P., Edmond, Okla. Ter., assignor to Oliver Typewriter Company, Chicago, Ill. Shift-key action for type-writers.	821,262	May 22	4558	970	122	1192
Shepard, Frank P., Edmond, Okla. Ter., assignor to Oliver Typewriter Company, Chicago, Ill. Type-writer.	821,263	May 22	4561	970	122	1193
Shepard, Frank P., Edmond, Okla. Ter., assignor to Oliver Typewriter Company, Chicago, Ill. Device for indicating the printing-point on type-writers.	837,588	Dec. 4	626	145	125	1509
Shepard, Frank P., Edmond, assignor of two-thirds to W. C. Brissey and W. H. Ryan, Oklahoma. Okla. Ter. Weighing attachment for wagons.	835,203	Nov. 6	655	136	125	167
Shepard, James A., assignor to General Pneumatic Tool Company, Montour Falls, N. Y. Pneumatic dolly.	813,921	Feb. 27	4792	1058	120	2675
Shepard, James E., Chicago, Ill. Non-refillable bottle.	831,688	Sept. 25	3628	759	124	1011
Shepard, James M., Findlay, Ohio. Curtain-fixture.	831,194	Sept. 18	2609	549	124	709
Shepard, James P., West Union, W. Va. Rotary engine.	823,228	June 12	2043	424	122	2223
Shepard, Wilbur L. (See Wickham, Rockwell, and Shepard.)						
Shepard, Wilbur L. (See Wickham, Shepard, and Rockwell.)						
Shepard, William E., Paris, France. Steam-turbine.	811,878	Feb. 6	653	143-5	120	1624
Sheperd, William B., assignor of one-half to W. H., L. J., and L. Baker, Urbana, Ohio. Machine for making cell-cases.	824,155	June 26	3806	812-13	122	2722
Shepherd, Chester G., Rutland, Ill. Seal-lock.	823,297	June 12	2171	453	122	2250
Shepherd, Chester G., Rutland, Ill. Hasp-lock.	826,197	July 17	3071	636	123	811
Shepherd, Edward, <i>et al.</i> (See Craig, Edward, assignor.)						
Shepherd, Frank D., Salt Lake City, Utah. Smokeless furnace.	811,748	Feb. 6	396	86-7	120	1573
Shepherd, Harry C., Crete, Nebr. Cuff-fastening.	812,603	Feb. 13	2193	478	120	2012
Shepherd, James H., Idaho Springs, Colo. Wrench.	830,619	Sept. 11	1471	304	124	394
Shepherd, John, Toledo, Ohio. Adjustable bed-bottom.	813,458	Feb. 27	3874	849	120	2475
Shepherd, John E., Chicago, Ill. Fire-protection signal system.	830,254	Sept. 4	713	144	124	180
Shepherd, John E., Chicago, Ill., assignor to Automatic Fire Protection Company. Fire-protection signal system.	828,047	Aug. 7	715	147	123	1847

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Shepherd, John H., Huron, Ohio. Window-sash.....	809,990	Jan. 16	2763	568	120	692
Shepherd, John H., Huron, Ohio. Sinkers.....	822,694	June 5	939	192	122	1936
Shepherd, Willis, West Lebanon, Ind. Steam-engine.....	833,090	Oct. 9	2138	450	124	1770
Shepler, Charles H., Peoria, Ill. Smoke-consumer.....	838,913	Dec. 18	3220	695	125	2235
Sheppard, George B. (See Sheppard and Mankin.)						
Sheppard, John P. and G. B., and A. J. Mankin, Salem, N. J.; said G. B. Sheppard and Mankin assignors to said John P. Sheppard. Knitting-machine.....	824,043	June 19	3611	769	122	2620
Sheppard, W. V. (See Edwards, John, assignor.)						
Sherer, Ralph, Eaton, Ohio. Telephone system.....	813,330	Feb. 20	3620	794	120	2361
Sheridan, Frank, Anamosa, Iowa. Dustless attachment for brooms.....	809,991	Jan. 16	2764	568	120	692
Sheridan, George W., and W. A. Wheeler, Bridgeport, Conn. Blank-check file.....	820,069	May 8	2144	467	122	541
Sheridan Iron Works <i>et al.</i> (See Bredenberg, Alfred, assignor.)						
Sheridan, Phil, Berkeley, Cal. Pile and like clamp.....	818,794	Apr. 24	4515	965	121	2508
Sheridan, Richard B., Knoxville, Tenn. Running-gear for vehicles.....	817,879	Apr. 17	2649	575	121	2049
Sheridan, Thomas F., Chicago, Ill., assignor to Allis-Chalmers Company, Milwaukee, Wis. Roasting-furnace.....	814,238	Mar. 6	458	95	121	99
Sheridan, William H., Sadler, Tex. Animal-trap.....	829,607	Aug. 28	3929	832	123	2758
Sheriden, Frank E., <i>et al.</i> (See Mitchell, Ira G., assignor.)						
Sheridon, William, Toledo, Ohio. Freight-guard for open cars.....	830,534	Sept. 11	1293	267-8	124	347
Sheriff, James E. (See Young and Sheriff.)						
Sheriff, Samuel. (See Eynon and Sheriff.)						
Sherin, Gilbert W., New York, N. Y., assignor to E. H. Mowery, Morristown, N. J. Type-writing machine.....	826,616	July 24	3972	822	123	1057
Sherk, Truman C. O., Allegheny, Pa. Smoke-bell.....	831,897	Sept. 25	4054	844	124	1119
Sherlock, Ralph H., Riverside, Ill. Tobacco-pipe.....	832,507	Oct. 2	974	195	124	1446
Sherman, Andrew T., Detroit, Mich. Vehicle-wheel tire.....	832,702	Oct. 9	1377	278	124	1584
Sherman, Charles, Maywood, Ill., assignor to American Can Company, New York, N. Y. Handled head for sheet-metal cans.....	815,983	Mar. 27	4047	856	121	1037
Sherman, Emil, Chicago, Ill. Foot-rest.....	815,046	Mar. 13	2099	441	121	513
Sherman, Erwin C., and W. W. McKelvey, assignors to William B. Pollock Company, Youngstown, Ohio. Dumping-car.....	820,144	May 8	2292	500-1	122	573
Sherman, Frederic W., Park City, Utah. Ore-concentrating table.....	838,058	Dec. 11	1549	332-3	125	1784
Sherman, Harry E. (See Sherman, Louie A., assignor.)						
Sherman, Howard B., Battle Creek, Mich. Hose-clamp.....	832,753	Oct. 9	1481	238	124	1610
Sherman, John B., Council Bluffs, Iowa. Car-coupling.....	836,120	July 17	2928	608	123	777
Sherman, Joseph P., Detroit, Mich. Shirt-waist holder and skirt-supporter.....	828,577	Aug. 14	1788	377	123	2144
Sherman, Louie A., assignor of one-half to H. E. Sherman, Kansas City, Mo. Target-trap.....	827,945	Aug. 7	497	102-3	123	1795
Sherman, Louis A., Detroit, Mich. Tool for truing emery-wheels.....	817,528	Apr. 10	1955	413	121	1844
Sherman, Marins B., Payette, Idaho. Treating raspberries.....	832,817	Oct. 9	1610	331	124	1639
Sherman, Willis S., assignor to Sight Feed Oil Pump Company, Milwaukee, Wis. Oil-pump motor.....	821,195	May 22	4437	945	122	1166
Sherman, Willis S., Milwaukee, Wis., and W. E. Richardson, New York, N. Y., assignors to Sight Feed Oil Pump Company, Milwaukee, Wis. Oil-pump motor.....	821,196	May 22	4438	945	122	1166
Sherrard, James H., Sparta, Ill. Tank-pump and liquid-measure.....	819,088	May 1	109	23	122	29
Sherrard, John M. (See Smith and Sherrard.)						
Sherry, John C., Vallejo, Cal. Water-tube boiler.....	821,964	May 29	5969	1271-2	122	1560
Sherry, John H., South Omaha, Nebr. Butcher's cleaver.....	839,043	Dec. 18	3453	746	125	2294
Sherwin-Williams Company. (See Beardslee, James C., assignor.)						
Sherwin-Williams Company. (See Beardslee and Critchley, assignors.)						
Sherwood, Alexander B., Chicago, Ill. Printing-press.....	834,026	Oct. 23	4248	901	124	2377
Sherwood, Earl, Honesdale, Pa. Fuse-box.....	819,608	May 1	1112	245	122	250
Sherwood, Eliza S. (See Sherwood, Josiah W., assignor.)						
Sherwood, George B., Cincinnati, Ohio. Nut-lock.....	823,229	June 12	2045	425	122	2224
Sherwood, George H., Dayton, Ky. Apparatus for constructing ceilings.....	834,940	Nov. 6	121	25	125	34
Sherwood, Josiah W., Green Lake, assignor of one-half to W. H. Sigel, Grand Rapids, Mich. Tobacco-cutter.....	828,062	Aug. 7	756	156	123	1858
Sherwood, Josiah W., assignor of one-half to E. S. Sherwood, Green Lake, Mich. Farm-gate.....	830,181	Sept. 4	552	113	124	140
Sherwood, Louis A., <i>et al.</i> (See Vaughan, Bernard G., assignor.)						
Sherwood, Louis C. (See Boileau, James W., assignor.)						
Sherwood Manufacturing Company. (See Dean, Cyrus S., assignor.)						
Sherwood Manufacturing Company. (See Dean, George W., assignor.)						
Sherwood Manufacturing Company. (See Le Messurier, Frank C., assignor.)						
Sherwood, Matthew M., assignor of one-half to B. K. Nyce, Scranton, Pa. Fifth-wheel.....	812,095	Feb. 6	1121	247	120	1716
Sherwood, Stansfield. (See Jolly, Charles L., assignor.)						
Sherwood, William E. (See Reynolds and Sherwood.)						
Sherwood, William H., New York, N. Y. Ribbon-feed for type-writers.....	822,993	June 12	1514	315	122	2107
Sherwood, William L., New York, assignor to William Vogel & Brothers, Brooklyn, N. Y. Picture or similar frame.....	838,816	Dec. 18	3048	657	125	2195
Shetler, Clara H. (See Fitch, Abbie R., assignor.)						
Sheurman, Solomon L., and J. F. Hand, deceased, Des Moines, Iowa; M. N. Baker, administrator. Apparatus for purifying water.....	827,399	July 31	5537	1151	123	1461
Sheurman, Solomon L., and J. F. Hand, deceased, Des Moines, Iowa; M. N. Baker, administrator. Apparatus for purifying and softening water.....	827,400	July 31	5539	1152	123	1462
Shewlin, George F. (See Baker, Shewlin, and Baker.)						
Shewry, William M., Chicago, Ill. Cuff and wristband.....	822,695	Nov. 5	940	192	122	1937
Shidler, Obadiah, Alliance, Ohio. Revolving case.....	836,947	June 27	4116	878	125	1149
Shiek, Daniel W., Chicago, Ill., assignor of one-half to W. L. Milliken, Indianapolis, Ind. Computing-machine.....	817,450	Apr. 10	1798	378-9	121	1812
Shierson, William H., Adrian, Mich. Tie for wire fencing.....	836,839	Nov. 27	3878	827	125	1093
Shiess, Elder E., Newport, Ark. Carbureter.....	817,592	Apr. 10	2073	437	121	1868
Shiffer, James W. (See Le Valley and Shiffer.)						
Shigley, Cyrus C., Hart, Mich. Magazine-phonograph.....	816,608	Apr. 3	123	27-8	121	1384
Shigley, Cyrus C., Hart, and S. H. Paxton, Grand Rapids, Mich. Record-roll for phonographs.....	822,485	June 5	500	101	122	1835
Shilliam, Samuel. (See Helton, John W., assignor.)						
Shilling, Carl S., and A. L. Link, Chicago, Ill. Section-liner.....	822,160	May 29	6340	1349	122	1647
Shilling, W. W., executor. (See Wheeler and Heckert.)						
Shimer, Elmer S. and G. S., Milton, Pa. Cutter-head.....	820,892	May 15	3804	811-12	122	965
Shimer, Elmer S. and G. S. assignors to Samuel J. Shimer and Sons, Incorporated, Milton, Pa. Cutter-head.....	826,371	July 17	3397	704	123	891
Shimer, George S. (See Shimer, Elmer S. and G. S.)						
Shimer, Joseph D., Martins Creek, Pa. Whip-socket.....	822,779	June 5	1086	224	122	1966
Shimer, Will A., Rochester, N. Y. Portable telephone.....	821,753	May 29	5568	1185	122	1472
Shimmel, Newton J., Summerville, Pa. Vegetable-disintegrator.....	810,816	Jan. 23	4478	931	120	1099

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prge.	Vol.	Page.
Shimpf, Walter H. (See Carlson and Shimpf.)						
Shinn, Joseph A., Pittsburg, Pa., Slag cement and making the same.	816,389	Mar. 27	4915	1043-4	121	1225
Shinn, Nathaniel M. (See Dornan and Shinn.)						
Shipley, Lewis C., New York, N. Y. Automobile extension canopy-frame.	822,634	June 5	813	165	122	1907
Shipley, Willis M. (See Hart, Lufher I., assignor.)						
Shipman, John D., San Angelo, Tex. Equalizing device for pump-rods.	817,675	Apr. 10	2212	472	121	1899
Shipman, Lester E., assignor to A. L. Shipman's Sons, New York, N. Y. Leaf for ledgers.	814,239	Mar. 6	460	95	121	99
Shipman's Sons, Asa L. (See Shipman, Lester E., assignor.)						
Shipp, Frederic F., assignor of one-half to J. A. Howze, St. Louis, Mo. Electric water-heater.	817,593	Apr. 10	2074	437	121	1868
Shipp, Frederic F., assignor to Electrical Heating & Manufacturing Company, St. Louis, Mo. Electrical water-heater.	817,594	Apr. 10	2075	438	121	1869
Shipp, Frederic F., assignor to Electrical Heating & Manufacturing Company, St. Louis, Mo. Electrical water-heater.						
Shipp, Orrin T., Independence, Kans. Wire-stretcher.	829,808	Aug. 28	4350	919	123	2862
Shipp, Thomas A., Jr., Tifton, Ga. Lubricating apparatus.	838,059	Dec. 11	1555	333	125	1785
Shipp, Thomas A., Jr., Tifton, Ga. Lubricating apparatus.	839,657	Dec. 25	4731	1011	125	2651
Shippee, Charles W., Milford, Mass. Car.	833,181	Oct. 16	2342	491	124	1868
Shippey, George E., Pittsfield, Mass. Shock-absorber for spring-vehicles.	825,683	July 3	788	164	123	211
Shipton, Frank T., Kinnikinnick, Ohio. Safety-stirrur.	811,100	Jan. 30	5042	1054	120	1255
Shires, Joseph A., Denver, Colo. Train-ventilating apparatus.	839,658	Dec. 25	4732	1011-12	125	2651
Shirk, Christina O., Sioux City, Iowa. Wall-paper hanger.	836,714	Nov. 27	3625	773	125	1025
Shirley, Cephas I., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Grinding-machine.	826,694	July 24	4104	851-2	123	1091
Shirley, George E., et al. (See Dennis, Carey, assignor.)						
Shirley, John A., Mount Carmel, Ill. Railway structure.	833,755	Oct. 23	3512	749	124	2199
Shirreffs, James R., Amesbury, Mass. Acetylene-gas generator.	820,993	May 22	4044	860	122	1080
Shisler, Sherman, assignor to Cable Trace Co., Cleveland, Ohio. Trace.	828,578	Aug. 14	1789	377	123	2144
Shisler, Sherman, assignor to Cable Trace Company, Cleveland, Ohio. Harness-trace.	833,756	Oct. 23	3513	749	124	2199
Shisler, Sherman, Cleveland, Ohio, assignor to Cable Trace Co. Trace.	833,757	Oct. 23	3515	750	124	2200
Shive, Caleb C., Frederick, Okla. Ter. Latch device.	813,595	Feb. 27	4151	910	120	2537
Shiverick, Charles, Omaha, Nebr. Foot-measure.	812,303	Feb. 13	1607	353	120	1892
Shobe, Jacob S., assignor to W. S. S. Rodgers, Columbus, Ohio. Combined mop head and wringer.	820,145	May 8	2294	501	122	573
Shobert, Clyde H., Brookville, Pa. Lubricator.	839,787	Dec. 25	4993	1066	125	2717
Shoebert, Frederic C., Pittsburg, Pa. Copy-holder.	831,385	Sept. 18	2984	634	124	805
Shoek, Abraham H., assignor to H. O. B. Kendig, Lancaster, Pa. Scale.	824,749	July 3	95	19	123	28
Shoek, Abraham H., and W. L. Kendig, assignors to H. O. B. Kendig, Lancaster, Pa. Computing-scale.	825,247	July 3	1106	235	123	289
Shoek, Abraham H., and W. L. Kendig, assignors to H. O. B. Kendig, Lancaster, Pa. Pivot-bearing for scale-beams.	825,280	July 3	1169	247	123	304
Shoecraft, Fred W., and H. L. Allard, Sturgis, Mich.; said Allard assignor to said Shoecraft. Step-ladder.	820,370	May 8	2721	593	122	669
Shoecraft, Judson, Eskridge, Kans. Automatic gearing device.	816,259	Mar. 27	4607	979	121	1161
Shoemaker, Charles W., and J. M. Lithgow, Allegheny, Pa. Gas-turbine.	819,089	May 1	110	24-5	122	29
Shoemaker, Frank H. (See Dolan and Shoemaker.)						
Shoemaker, George, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Railway-track structure.	815,869	Mar. 20	3837	813	121	940
Shoemaker, George A., Chicago, Ill., assignor to Metal Sectional Furniture Company, Portland, Me. Filing-card and lock therefor.	814,170	Mar. 6	331	66-7	121	73
Shoemaker, George A., Chicago, Ill., assignor to Metal Sectional Furniture Company, Portland, Me. Temporary binder.	820,827	May 15	3654	780	122	932
Shoemaker, Harry, Jersey City, N. J., assignor to International Telegraph Construction Company. Transmitting apparatus.	834,497	Oct. 30	5217	1108	124	2667
Shoemaker, Harry, assignor to M. V. Gehring, Philadelphia, Pa., and International Wireless Telegraph Company. Wireless-telegraph system.	824,676	June 26	4846	1034	122	2943
Shoemaker, Orlando P., Clay Center, Nebr. Heater for incubators.	833,638	Oct. 16	3293	700	124	2100
Shoesmith, Rollin A., Paw Paw, Mich. Burial apparatus.	837,645	Dec. 4	743	169-70	125	1538
Shofner, Edward J., Roanoke, Va. Track-switch.	825,617	July 10	1923	407	123	511
Shofner, Joseph T., Haley, Tenn. Station-indicator.	823,142	June 12	1842	380	122	2176
Sholes, Louis, Milwaukee, Wis. Type-writer.	836,999	Nov. 27	4219	898	125	1173
Shonfield, Alexander L., Muncie, Ind. Watch cover and holder.	822,393	June 5	319	66	122	1795
Shonnard, Harold W., East Orange, N. J. Basin-sterilizer.	816,886	Apr. 3	678	140	121	1509
Shonnard, Harold W., East Orange, N. J. Sterilizer and valve.	824,827	July 3	301	55	123	84
Shonnard, Harold W., New York, N. Y. Self-playing musical instrument.	824,315	June 26	4112	880-1	122	2788
Shontz, Fred A., Eureka, Utah. Adjustable plane-handle.	817,096	Apr. 3	1073	222	121	1596
Shoob, Isaac, London, England. Burner for incandescent gas-light or for heating purposes.	822,871	June 5	1269	262	122	2004
Shook, George N., Akron, and S. E. Shook, Cuyahoga Falls, Ohio. Lining for journal-bearings.	839,429	Dec. 25	4260	911	125	2538
Shook, Solomon E. (See Shook, George N. and S. E.)						
Shoop, George D., Rock Island, Ill. Noiseless railway-crossing.	835,565	Nov. 13	1363	293	125	387
Short, John T., Rossville, Kans. Weed-cutter.	830,805	Sept. 11	1852	385	124	496
Short, William A. D., Lexington, Ky. Railway-signal.	821,835	May 29	5728	1220	122	1508
Short, William B., New York, N. Y. Artificial tooth for crowns and bridges.	825,356	July 10	1334	282	123	366
Shorthouse, Benjamin, London, England. Self-propelling device.	819,609	May 1	1113	245	122	250
Shortle, Christopher M. (See George, Shortle, and White.)						
Shortt, Edward G., Carthage, N. Y. Explosive-gas engine.	812,304	Feb. 13	1608	353-4	120	1892
Shortt, Edward G., assignor of one-half to New York Lime Company, Carthage, N. Y. Pneumatic filter.	819,179	May 1	276	59-60	122	69
Shortt, Everett T., St. Louis, Mo. Roaster.	836,610	Nov. 20	3374	719	125	930
Shotts, Harry P. (See Carrier and Shotts.)						
Shotts, Harry P., Chicago, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray or receptacle.	823,898	June 19	3334	710	122	2563
Showell, George A. (See Fox, Washington I., assignor.)						
Shrady, Charles D., Passaic, and W. D. Stivers, Jersey City, N. J., assignors, by mesne assignments, to Diamond Match Company. Match-making machine.	827,471	July 31	5748	1190-6	123	1511
Shreeve, Herbert E., Newton, Mass., assignor to American Telephone and Telegraph Company. Telephone repeater circuit and apparatus.	835,037	Nov. 6	321	69	125	82
Shreeve, Herbert E., Newton, Mass., assignor to American Telephone and Telegraph Company. Regulating device for telephone relays and transmitters.	836,611	Nov. 20	3375	720	125	930
Shreeve, Herbert E., Newton, Mass., assignor to American Telephone and Telegraph Company. Regulating device for telephone relays and transmitters.	836,612	Nov. 20	3379	720	125	930
Shreffler, John F., Chicago, Ill. Horse-power indicator and engine-overload alarm.	816,686	Apr. 3	281	66	121	1422
Shreve, Albert B. (See Murmann and Shreve.)						
Shrewsbury, Joseph E., Longbeach, assignor of one-half to H. MacDavenport, Los Angeles, Cal. Submarine observation-tower.	819,317	May 1	568	121-2	122	131

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Shrope, Albert J., assignor to H. A. Rhoads, Mechanicsville, Iowa. Gate.....	835,987	Nov. 13	2135	458	125	575
Shrum, Peter J., Beaver Falls, Pa., assignor to Braun Manufacturing Company. Wall-tie.....	837,133	Nov. 27	4494	953	125	1242
Shryock, Leonard D., Marietta, Ohio. Well-drilling machine.....	831,305	Sept. 18	2840	601	124	770
Shuart, Benjamin F., Oberlin, Ohio. Drop-light.....	814,983	Mar. 13	1965	414	121	482
Shuart, Benjamin F., Oberlin, Ohio. Casket-lowering device.....	828,342	Aug. 14	1318	279	123	2021
Shubert, Charles M., Philadelphia, Pa. Comb.....	812,241	Feb. 13	1475	323	120	1861
Shubring, W. H. (See Clement, John, assignor.)						
Shufflin, Frank H., and J. C. White, Columbus, Ohio. Wire-fence fastener.....	822,994	June 12	1517	316	122	2108
Shugers, George, Auburn, Ind. Wheel.....	826,617	July 24	3973	822	123	1057
Shuler, Chester E., Clifton, Kans. Music-leaf turner.....	815,047	Mar. 13	2099	441	121	513
Shuler, George H., Lyons, N. Y. Device for cleaning bolting-cloths.....	831,112	Sept. 18	2463	520	124	675
Shuster, Theodore G., Elmore, S. C. Agricultural implement.....	821,892	May 29	5826	1239	122	1529
Shulm, Neal P., Butte, Mont. Tobacco-pipe.....	826,898	July 24	4510	939	123	1191
Shulman Automatic Novelty Company. (See Hammond, Robert O., assignor.)						
Shults, John W., Wichita, Kans. Collar-button.....	832,216	Oct. 2	406	76	124	1311
Shultz, William K. (See Smith and Shultz.)						
Shumaker, Isham S., Elmore, S. C. Fire-ladder.....	836,785	Nov. 27	3783	806	125	1069
Shuman, Frank, Philadelphia, Pa. Setting concrete piles.....	817,595	Apr. 10	2076	438	121	1869
Shuman, Frank, Philadelphia, Pa. Constructing piers.....	831,481	Sept. 18	3160	609	124	850
Shumway, John P., Los Angeles, Cal. Concentrator.....	838,468	Dec. 11	2382	516	125	1989
Shurtlett, Frank, assignor of one-half to E. H. Sleight, Moline, Ill. Heating system.....	820,320	May 8	2624	572	122	647
Shuster, Andy C., Arroyo Grande, Cal. Drilling-tool.....	834,167	Oct. 23	4559	967	124	2457
Shuster, Franklin B., New Haven, Conn. Wire straightening and cutting-off machine.....	809,636	Jan. 9	2082	432-3	120	488
Shuster, Franklin B., New Haven, Conn. Wire straightening and cutting machine.....	833,758	Oct. 23	3516	750-1	124	2200
Shuster, Henry D., Leechburg, Pa. Rail-joint.....	837,134	Nov. 27	4495	953	125	1242
Shuter, Albert A., administrator. (See Talbot, Milton S.)						
Shuter, Sidney A., assignor to T. H. Langford, New York, N. Y. Heating apparatus.....	835,477	Nov. 6	1193	257-8	125	300
Shutt, Albert, Oakland, Kans. Tuner for stringed musical instruments.....	834,416	Oct. 30	5069	1074	124	2628
Shwayder, Solomon, Denver, Colo. Receptacle for storing alcoholic liquors.....	818,478	Apr. 24	3832	824	121	2360
Siani, Bernard. (See Brazier and Sullivan, assignors.)						
Siber, Bernhart F. (See Broderick and Siber.)						
Sibley, Clarence C. (See Lutz and Sibley.)						
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Outlet or junction box.....	820,321	May 8	2626	572	122	648
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Elbow for conduits for electric wires.....	820,322	May 8	2628	572	122	648
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Incandescent-lamp socket.....	833,556	Oct. 16	3120	663	124	2059
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Connector for conduits for electric wires.....	834,684	Oct. 30	5587	1185	124	2761
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Conduit for electric wires.....	834,685	Oct. 30	5589	1186	124	2761
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Base for supporting switches and the like upon conduits.....	834,686	Oct. 30	5589	1186	124	2762
Sibley, Clarence C., Perth Amboy, N. J., and G. A. Lutz, New York, N. Y. Elbow for conduits.....	834,687	Oct. 30	5591	1186	124	2762
Sibley, Lorenzo D., Vineland, N. J. Desk.....	837,000	Nov. 27	4221	899	125	1174
Sickman, Davy V., Denver, Colo. Coal-mining machinery.....	838,469	Dec. 11	2384	516	125	1989
Sickman, Davy V., Denver, Colo. Coal-mining machine.....	838,470	Dec. 11	2386	517	125	1996
Sides, Ira I., Greeley, Colo. Combined ruler and blotter.....	827,574	July 31	5967	1238	123	1565
Sidwell, Lester L., Rivera, Cal. Pneumatic-tire protector.....	812,373	Feb. 13	1727	378	120	1918
Siebel, John E., Chicago, Ill. Treating bone-black.....	831,805	Sept. 25	3829	124	1062	
Siebenaler, Peter, Palzem, Germany. Brake.....	833,006	Oct. 9	1979	413	124	1728
Siebenhall, Jacob F., San Diego, Cal. Ironing-board.....	817,596	Apr. 10	2078	438	121	1869
Sieber, Ferdinand, Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dynamo-electric machine.....	821,064	May 22	4187	890	122	1111
Sieber & Trussell Manufacturing Company. (See Dawson, James C., assignor.)						
Sieber & Trussell Manufacturing Company. (See Nelson, Charles R., assignor.)						
Sieber & Trussell Manufacturing Company. (See Nott, Sydney C., assignor.)						
Sieber & Trussell Mfg. Co. (See Trussell, Emory A., assignor.)						
Siebers, Otto, Dresden, Germany. Collecting-brush for electric-current generators and motors.....	823,642	June 19	2860	605	122	2459
Siebert, Charles J. (See Hayes and Siebert.)						
Siebert, Ella M. (See Barry, Thomas A., assignor.)						
Siedentop, Henry, New York, N. Y. Hat-fastener.....	816,609	Apr. 3	139	29	121	1391
Sieder, Frederick, Swissvale, Pa. Game apparatus.....	818,126	Apr. 17	3142	676	121	2159
Sieder, Frederick, Swissvale, Pa. Sash-fastener.....	822,696	June 5	942	192	122	1937
Sieger, Henry N. and R. H., Slatington, Pa. Snow guard and fender.....	834,081	Oct. 23	4369	929	124	2405
Sieger, Josef, Hörde, Germany. Stuffing-box.....	816,190	Mar. 27	4480	949	121	1133
Sieger, Robert H. (See Sieger, Henry N. and R. H.)						
Sieger, William E., Pittsburg, Pa. Leaf-turner.....	832,172	Oct. 2	311	58	124	1288
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Interconnected suspension means for gearless motors.....	812,891	Feb. 20	2737	602	120	2171
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible connection for gearless motors.....	816,610	Apr. 3	140	29	121	1391
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible connection and suspension device for gearless motors.....	816,611	Apr. 3	142	29-30	121	1392
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flexible connection for gearless motors.....	816,612	Apr. 3	145	30	121	1393
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Helical spring.....	817,133	Apr. 3	1150	237	121	1615
Siegfried, Robert, and N. W. Storer, Pittsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Brush-holder for electrical machines.....	824,213	June 26	3932	842	122	2749
Siegler, Johanna, et al. (See Schenck, August, assignor.)						
Siegmund, Charles H., Milwaukee, Wis. Cream-whipping machine.....	830,255	Sept. 4	719	145	124	182
Sieglaff, Max, Berlin, Germany. Post-stamp-vending apparatus.....	831,113	Sept. 18	2466	521	124	676
Siemens, Frederick, Dresden, Germany. Regenerative gas-furnace.....	822,486	June 5	502	102	122	1836
Siemens & Halske Aktiengesellschaft. (See Bolton, Werner von, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Engelhardt, Victor, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Feuerlein, Otto, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Kreusler, Hans, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Nussbaum, Josef A., assignor.)						
Siemens-Schuckert Werke G. m. b. H. (See Richter, Rudolf, assignor.)						
Simon Hard Rubber Corporation. (See Smith, Herbert L., assignor.)						
Siems, Albert, Vienna, Austria-Hungary. Metallic packing for stuffing-boxes.....	828,249	Aug. 7	1087	229	123	1935

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Sieurin, Paul W., Gothenburg, Sweden. Automatic collecting and hoisting of goods	817,811	Apr. 17	2509	537	121	2019
Sieurin, Sven E., Höganäs, Sweden. Revolving kiln for generating gas	822,394	June 5	320	66	122	1795
Sievert, Hermann A., U. S. Army. Bridle-bit	815,385	Mar. 20	2844	591	121	725
Sievert, Hermann A., U. S. Army. Bridle	838,656	Dec. 18	2755	590	125	2124
Sievert, Louis. (See Wilder, Charles O., assignor.)						
Sievert, Paul T., Dresden, Germany. Process and apparatus for blowing hollow glass articles	825,160	July 3	935	198-9	123	246
Sievert, Paul T., Dresden, Germany. Process and machine for forming glass articles	825,161	July 3	939	199	123	247
Sievert, Paul T., Dresden, Germany. Machine for forming glass articles	832,561	Oct. 2	1077	216	124	1472
Sigel, William H. (See Sherwood, Josiah W., assignor.)						
Sight Feed Oil Pump Company. (See Sherman, Willis S., assignor.)						
Sight Feed Oil Pump Company. (See Sherman and Richardson, assignors.)						
Sight Feed Oil Pump Company. (See West, Arthur J., assignor.)						
Sigl, Josef, et al. (See Kranz, Thomas, assignor.)						
Sigler, C. C. (See Hinden, Mathias J., assignor.)						
Sigler, George F., and A. Dow, Wooster, Ohio. Dish-washing machine	814,329	Mar. 6	667	134	121	146
Sigler, Isaac G., Los Angeles, Cal. Sash check or lock	833,900	Oct. 23	3865	821	124	2288
Sigourney Tool Company. (See Harrington and Smith, assignors.)						
Sim-Jensen, Hans V., Copenhagen, Denmark. Photographic-printing apparatus	833,488	Oct. 16	2997	636	124	2030
Sim-Jensen, Hans V., Copenhagen, Denmark. Mercury-vapor lamp	838,280	Dec. 11	2033	438	125	1902
Sikes, Eugene A., Worcester, Mass. Steam-trap	838,657	Dec. 18	2757	590	125	2124
Silberman, Emanuel M., Philadelphia, Pa. Garment-supporter	839,044	Dec. 18	3454	747	125	2294
Silberman, Henry, New York, N. Y. Display device for millinery articles	809,760	Jan. 9	2309	478	120	540
Silk, George. (See Enright, Michael, assignor.)						
Sill Stove Works. (See Clunies, Arthur B., assignor.)						
Silliman, Benjamin F. (See Squires and Silliman.)						
Sillman, George. (See Jaques and Sillman.)						
Sillman, William, New York, N. Y. Machine for making millboard	829,677	Aug. 28	4065	861	123	2793
Sillman, William, New York, N. Y. Machine for making millboard	832,927	Oct. 9	1835	379-80	124	1693
Sillman, William, New York, N. Y. Machine for making millboard	833,806	Oct. 23	3628	776	124	2226
Silva, Emanuel and J. O., Springfield, Ill. Machine for making cement blocks	816,613	Apr. 3	147	30-1	121	1394
Silva, James O. (See Silva, Emanuel and J. O.)						
Silveira, John V. da, Oakland, Cal. Washing-machine	814,989	Mar. 13	1967	414	121	483
Silven, Carl D., Jennings, La. Display-rack	815,480	Mar. 20	3019	630	121	765
Silver & Company. (See Ernst, John H., assignor.)						
Silver & Company. (See Ferdon, Guy W., assignor.)						
Silver, John F., Elk Creek, Cal. Bucket-support	825,248	July 3	1110	235	123	289
Silver Manufacturing Company. (See Rice, Louis E., assignor.)						
Silvera, Herbert A., New York, N. Y. Skate	814,879	Mar. 13	1757	368	121	441
Silvera, Herbert A., Brooklyn, N. Y. Disinfecting apparatus	830,680	Sept. 11	1599	331	124	428
Silvera, Herbert A., assignor to E. H. Fallows, trustee, New York, N. Y. Apparatus for extracting oils, &c.	838,658	Dec. 18	2759	590	125	2125
Silverberg, Jacob, Pittsburg, Pa. Heater	809,992	Jan. 16	2765	569	120	692
Silverburg, Louis, et al. (See Fisher, Charles A., assignor.)						
Silverman, Joseph, San Francisco, Cal. Telephone attachment	815,752	Mar. 20	3588	754	121	889
Silverman, Joseph, San Francisco, Cal. Telephone attachment	815,753	Mar. 20	3589	754	121	889
Silverman, Joseph, San Francisco, Cal. Telephone attachment	836,407	Nov. 20	2996	635	125	839
Silverman, Robert M. (See Adams, William E., assignor.)						
Silvernail, Isaac, assignor of one-half to J. Speirs, Syracuse, N. Y. Game-board	809,853	Jan. 9	2481	516	120	579
Silvernail, John R. (See Lawson and Silvernail.)						
Silverson, Nathan, New York, N. Y. Apparatus for operating switches	834,168	Oct. 23	4500	968	124	2457
Silverstein, Joseph. (See Sturm and Silverstein.)						
Silvey, Faines N., Boaz, Ala. Hot-air engine	811,879	Feb. 6	665	145-6	120	1626
Silvey, William L., Dayton, Ohio. Secondary-battery plate	824,828	July 3	303	55	123	84
Silvius, Charles E., Roselle Park, N. J. Horseshoe	822,780	June 5	1087	224	122	1966
Sim, John, Liverpool, England. Paper-holder	809,330	Jan. 9	1445	293	120	352
Simar, Alexandre P. (See Pouliot, Louis Z., assignor.)						
Simcock, William G. (See Tolley and Simcock.)						
Simceek, Vaclav, Flatonia, Tex. Automatic air-brake coupling	815,870	Mar. 20	3838	813-14	121	941
Simensen, Charles. (See Myers and Simensen.)						
Simering, John C., Baltimore, Md. Peanut-vender	813,026	Feb. 20	3008	662	120	2231
Simm, James C., Jr., and A. P. Olson, Chicago, Ill. Frame for wind-shields for automobiles	813,524	Feb. 27	4020	881	120	2509
Simmen, Paul J., Chico, Cal. Electric block-signal system	819,677	May 1	1261	275	122	283
Simmen, Paul J., Chico, Cal. Train despatching and recording system	824,887	July 3	421	81	123	115
Simmons, Bert G., assignor to Johnson & Johnson, New Brunswick, N. J. Dental waste-cotton receptacle	819,678	May 1	1262	275	122	283
Simmons, Charles, Paignton, assignor to C. Simmons' "Drillibite," Limited, London, England. Appliance for lifting and turning drills for rock-boring and other purposes	808,876	Jan. 2	496	107-8	120	112
Simmons, David H., Funk, Nebr. Dish-washer	832,818	Oct. 9	1612	331	124	1639
Simmons' "Drillibite," Charles. (See Simmons, Charles, assignor.)						
Simmons, George W., St. Louis, Mo. Cyclometer attachment for type-writing machines	813,525	Feb. 27	4021	881	120	2510
Simmons, Henry P. (See Goff and Simmons.)						
Simmons, James H., Talmo, Ga. Door-lock	831,386	Sept. 18	2986	634	124	805
Simmons, James L., Washington, D. C., assignor to Washington Vending Machine Company. Coin-controlled vending-machine	824,677	June 26	4849	1034	122	2944
Simmons, James L., assignor of one-half to W. G. Crawford, Washington, D. C. Shutter-worker	828,829	Aug. 14	2263	481	123	2264
Simmons, Jesse L., et al. (See Fowler, Edward, assignor.)						
Simmons Manufacturing Company. (See Gail, John F., assignor.)						
Simmons, Oliver G., Washington, D. C. Thread-cutting tool for lathes	817,451	Apr. 10	1805	379	121	1814
Simmons, Oty T., et al. (See Fowler, Edward, assignor.)						
Simmons, Robert T., Wynne, Ark. Churn	839,215	Dec. 25	3548	827	125	2436
Simmons, Samuel T., Columbus, Ohio. Nut-lock	814,330	Oct. 30	4891	1036	124	2584
Simmons, Samuel T., and W. T. Moore, Columbus, Ohio. Sander	810,309	Jan. 16	3449	713	120	836
Simmons, Turner W., Martinsville, Ohio. Horseshoe-calk	837,972	Dec. 11	1381	300	125	1740
Simmons, William A., New York, N. Y., and C. W. Garside, assignors to Scott Manufacturing Company, St. Louis, Mo. Briquet-molding machine	835,737	Nov. 13	1682	358	125	468
Simms, Frederick R., London, England. Buffer for use on motor-vehicles	814,171	Mar. 6	332	67	121	73
Simms, Joseph, Detroit, Mich. Punch-bowl	821,545	May 22	5133	1094	122	1318
Simms, O. L., et al. (See Harrington, Claude B., assignor.)						
Simon, Albert and A., Cherbourg, France. Apparatus for crushing grain	816,390	Mar. 27	4916	1044-5	121	1225
Simon, Auguste. (See Simon, Albert and A.)						
Simon, Jacob J., McDonaldsville, Ohio. Potato cutter and planter	827,946	Aug. 7	507	104	123	1798
Simon, Solomon S. (See Falkenberg and Simon.)						
Simon, William F., West Hoboken, N. J. Toy whip	811,964	Feb. 6	865	190	120	1665

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Simonds, Frank A., Grand Rapids, Mich. Heating by steam.....	811,670	Feb. 6	266	58	120	1543
Simonds, Frank A., Grand Rapids, Mich., assignor of one-third to C. D. Burnop, Albany, N. Y. Drain-valve for radiators.....	820,146	May 8	2295	501	122	573
Simonds Manufacturing Company. (See Howard, Leslie E., assignor.)						
Simonds Manufacturing Company. (See Miller and Howard, assignors.)						
Simonds, Sam W., Somerville, Mass. Mechanical stoker.....	833,091	Oct. 9	2139	450-1	124	1770
Simone, Domenico R. de, <i>et al.</i> (See Simone, Michele G. de, assignor.)						
Simone, Michele G. de, London, England. Expanding table.....	829,439	Aug. 28	3543	742-3	123	2663
Simone, Michele G. de, assignor of five-eighths to D. R. de Simone and Wilkinson Sword Company, Limited, London, England. Clutch mechanism.....	809,331	Jan. 9	1447	293-4	120	352
Simons, Benjamin, Charleston, S. C. Automatic weighing apparatus.....	819,610	May 1	1114	246-7	122	250
Simons, Henry C., Odebolt, Iowa. Harrow.....	825,872	July 10	2445	510	123	642
Simons, Joseph, Los Angeles, Cal. Treating bricks and other articles formed or constructed of clay.....	829,177	Aug. 21	3019	.....	123	2488
Simonton, Frank M., <i>et al.</i> (See Schweinler, Henry R., assignor.)						
Simpkin, William, Orange, N. J. Briquetting-machine.....	815,647	Mar. 20	3345	700-1	121	837
Simpkins, Frank E., Allegheny, Pa. Well-drilling machine.....	835,368	Nov. 6	984	209-10	125	249
Simplex Electric Heating Company. (See Ayer, James I., assignor.)						
Simplex Electric Heating Company. (See Ayer and Gilbert, assignors.)						
Simplex Manufacturing Company. (See Fancher, Charles J., assignor.)						
Simplex Manufacturing Company. (See Fancher and Parmelee, assignors.)						
Simplex Railway Appliance Company. (See Bauer, Carl E., assignor.)						
Simplex Railway Appliance Company. (See Bauer and Susemihl, assignors.)						
Simplex Telephone Equipment Company. (See Babcock, Garrison, assignor.)						
Simplex Telephone Equipment Company. (See Fahrenfeld, Fred W., assignor.)						
Simplex Valve and Meter Company. (See Ledoux, John W., assignor.)						
Simpson, Albert, Dryad, Wash. Resilient bearing for wheels.....	836,656	Nov. 20	3470	740-1	125	951
Simpson, Carmen M., Millvale, Pa. Rail.....	814,401	Mar. 6	827	171	121	180
Simpson, Charles A., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Transfer-circuit for telephone-exchange systems.....	816,131	Mar. 27	4359	923	121	1107
Simpson, Charles E., Portsmouth, Ohio. Valve.....	814,402	Mar. 6	828	171	121	180
Simpson-Cook Company. (See Simpson, William S., assignor.)						
Simpson, Fenderson M. (See Cowles and Simpson.)						
Simpson, Frank, Toronto, Canada. Crib construction.....	827,186	July 31	5133	1066	123	1363
Simpson, Frank W., Wellington, Nev. Hay sling or net.....	835,038	Nov. 6	323	69	125	83
Simpson, G. Herbert. (See Beauchemin, Louis N., assignor.)						
Simpson, George, Mariner Harbor, N. Y. Submarine vessel and mechanism connected therewith.....	812,956	Feb. 20	2879	636	120	2204
Simpson, Henry E. (See Madden and Simpson.)						
Simpson, Herbert S. (See Simpson, Peter L., assignor.)						
Simpson, Jacob C. (See Pruett and Simpson.)						
Simpson, James, Crookston, Minn. Napkin-holder.....	823,704	June 19	2968	628	122	2482
Simpson, Joseph B., assignor of one-half to C. R. Thomas, Washington, D. C. Ground connection for electric circuits.....	813,526	Feb. 27	4022	881	120	2510
Simpson, Peter L., assignor to H. S. Simpson, Chicago, Ill. Crusher.....	811,671	Feb. 6	267	58-9	120	1543
Simpson, Peter L., Chicago, Ill., assignor to H. S. Simpson. Press.....	835,566	Nov. 13	1365	293-4	125	387
Simpson, Peter L., Chicago, Ill., assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Block-press.....	826,751	July 24	4211	874-5	123	1117
Simpson, Peter L., Chicago, Ill., assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Tile-press.....	827,472	July 31	5771	1196-7	123	1517
Simpson, Ray C., Dallas, Tex. Water-heater.....	837,741	Dec. 4	932	210-11	125	1586
Simpson, Robert D., Columbus, assignor to Berea Novelty Company, Berea, Ohio. Repeating exploder.....	820,070	May 8	2145	467	122	542
Simpson, William S., London, England, assignor to Simpson-Cook Company, Baltimore, Md. Apparatus for treating, refining, and purifying metals.....	828,142	Aug. 7	897	185	123	1892
Sims, Edward B., Western, Nebr. Tire for vehicles.....	818,568	Apr. 24	4036	866	121	2402
Sims, Lawrence, Berryton, Kans. Animal-poke.....	839,659	Dec. 25	4736	1012	125	2652
Sims, Oscar V., Laurel, Miss. Guard for kitchen utensils.....	830,016	Sept. 4	206	38	124	51
Sinclair, Archibald N., Honolulu, Hawaii. Camera leveling and plumbing device.....	828,521	Aug. 14	1680	354	123	2114
Sinclair, Edward M. (See Crawford and Sinclair.)						
Sinclair, George B. (See Severy and Sinclair.)						
Sinclair, Harry C., St. Michaels, assignor to R. A. Bonner, Baltimore, Md. Circular-letter-printing machine.....	829,440	Aug. 28	3547	743-51	123	2665
Sinclair, Herbert B., Homer, Mich. Poultry-fount.....	837,742	Dec. 4	935	211	125	1587
Sinclair, John R., Holyoke, Mass. Dandy-roll.....	813,835	Feb. 27	4632	1024	126	2641
Sinclair, Robert K., London, England. Wind-guard for tobacco-pipes.....	838,659	Dec. 18	2761	591	125	2125
Sinclair, William E., Mobile, Ala. Log-carrier.....	812,689	Feb. 13	2343	513	120	2041
Sine, William R., Williamsport, Pa. Hard-rubber articles.....	831,908	Sept. 25	4229	884	124	1168
Sines, Calandres H., New Albany, Ohio. Device for handling and holding barbed wire.....	831,246	Sept. 18	2709	571	124	735
Singer, Berthold, Chicago, Ill. Composition for laying and absorbing dust.....	827,887	Aug. 7	380	.....	123	1764
Singer, Berthold, Chicago, Ill. Dust collecting or absorbing substance.....	833,423	Oct. 16	2841	.....	124	1994
Singer, Frank K., Wheeling, W. Va. Lightning-arrester.....	814,482	Mar. 6	977	200	121	213
Singer Manufacturing Company. (See Allen, Edward B., assignor.)						
Singer Manufacturing Company. (See De Voe, Albert H., assignor.)						
Singer Manufacturing Company. (See Diehl, Philip, assignor.)						
Singer Manufacturing Company. (See Diehl and Grieb, assignors.)						
Singer Manufacturing Company. (See Hemleib, Martin, assignor.)						
Singer, Roy H., Uniontown, Md. Gate for wire fences.....	812,690	Feb. 13	2345	513	120	2041
Singler, Frank J., Temple, assignor of one-half to M. D. Bartholomew, Mineola, Tex. Vehicle running-gear.....	823,371	June 12	2304	482	122	2278
Singleton, Herbert. (See Buckley, Kline, and Singleton.)						
Singleton, John, Manchester, England. Horseshoe.....	809,144	Jan. 2	1033	213-14	120	226
Singleton, Thomas D. (See Mitchell and Singleton.)						
Singleton, Thomas D., and W. Gleason, Providence, R. I. Game apparatus.....	830,535	Sept. 11	1296	268	124	347
Singleton, Thomas D., and W. Gleason, Providence, R. I. Game apparatus.....	832,819	Oct. 9	1613	331	124	1639
Singleton, Thomas D., and W. Gleason, Providence, R. I. Game apparatus.....	837,589	Dec. 4	628	145	125	1510
Sniff, Charles L., <i>et al.</i> (See Nagney, John C., assignor.)						
Sinnott, James, Chatham, Ill. Fountain-pen.....	814,990	Mar. 13	1969	414	121	483
Sinnott, John, Philadelphia, Pa. Wheel.....	820,741	May 15	3455	740-1	122	889
Sinsheimer, Sidney W., New York, N. Y. Automatic lift-separator.....	809,022	Jan. 2	787	170	120	173
Sinz, Edmund V., Grand Rapids, Mich. Door-closer.....	828,063	Aug. 7	757	156	123	1858
Sipoz, Joseph, Michel, Canada. Combined spool and needle case.....	826,372	July 17	3399	704	123	891
Sirois, Henry, Lawrence, Mass. Stop-motion mechanism.....	837,135	Nov. 27	4496	954	125	1242
Sischo, Frank M., assignor of one-half to M. Ricketts, Cadillac, Mich. Column-support.....	822,995	June 12	1518	316	122	2108
Sisco, Henry C., assignor of one-half to H. L. Millsbaugh, Anderson, Ind. Seal for stop-cocks.....	822,025	May 29	6077	1295	122	1586

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Sisk, Claude J., Hopkinsville, Ky. Motor-sleigh.....	820,742	May 15	3457	741	122	889
Siskind, Henry, <i>et al.</i> (See Bowie, William S., assignor.)						
Sisson, Thomas A., Italy. Insect-destroyer.....	837,136	Nov. 27	4497	954	125	1242
Sisson, Albert H., <i>et al.</i> (See De France, Murry A., assignor.)						
Sisson, Albert T., assignor, by mesne assignments, to W. P. Mather, Providence, R. I. Ball-bearing.....	832,427	Oct. 2	825	159	124	1411
Sisson, William G. (See Gilbert, Edward F., assignor.)						
Sittmann, Gustav, Brooklyn, assignor to H. S. Brown, New York, N. Y. Oscillating electric fan.....	810,174	Jan. 16	3142	650-1	120	771
Sitton, Charles K., and J. H. Williams, Portland, Oreg. Take-down square.....	813,922	Feb. 27	4795	1058	120	2675
Sitzler, John J., New York, N. Y. Marine vessel.....	812,604	Feb. 13	2194	478	120	2012
Sjoberg, Carl R., Chicago, Ill. Window.....	844,417	Oct. 30	5570	1074-5	124	26.8
Sjoberg, Nils P., Jamestown, N. Y. Door.....	809,145	Jan. 2	1034	214	120	227
Sjoberg, Nils P., Jamestown, N. Y. Sheet-metal seam.....	835,478	Nov. 6	1194	258	125	300
Sjöstrand, Ulrik S., Sundbyberg, Sweden. Device for searching submarine mines, &c.....	818,479	Apr. 24	3334	825	121	2360
Sjöström, Victor, Los Angeles, Cal. Spiral pump and propeller.....	815,224	Mar. 13	2467	514	121	57
Sjöström, Victor, Los Angeles, Cal. Show-case and the like.....	826,121	July 17	2930	608	123	778
Sjöström, Victor, assignor of one-half to J. H. Wood, Los Angeles, Cal. Suspending-bracket.....	837,646	Dec. 4	745	170	125	1538
Skall, Julius. (See Nejedlo, František J., assignor.)						
Skall, Max A., New York, assignor of one-half to E. B. Hirsch, Brooklyn, N. Y. Show-case.....	820,828	May 15	3656	780-1	122	933
Skalstad, Carl A., Chicago, Ill. Dental-crown construction.....	833,254	Oct. 16	2498	522	124	19.08
Skeen, Jesse B., and J. M. Grafton, San Francisco, Cal. Shifting device for type-writing machines.....	831,387	Sept. 18	2989	635	124	806
Skellenger, Charles F. (See Watkins and Skellenger.)						
Skelliey, Thomas J., Collinwood, Ohio. Extension-arm telephone.....	818,982	Apr. 24	4862	1044	121	2582
Skelton, William, Surbiton, and H. D. Chudleigh, Acton, England. Railway signaling apparatus.....	821,754	May 29	5570	1185-6	122	1472
Skemp, Robert, <i>et al.</i> (See Mellinger, George B., assignor.)						
Skene, Norman L., Somerville, Mass. Mooring and towing chock.....	816,827	Apr. 3	549	117	121	1478
Skerrett, Thomas, Spokane, Wash. Shoe.....	831,898	Sept. 25	4056	844	124	1119
Skevington, Henry H., W. L. Whitehead, and W. H. Seltzer, Philadelphia, Pa. Singeing-machine.....	821,676	May 29	5406	1152	122	1431
Skidmore, Charles, Homer, Nebr. Weighing mechanism.....	829,299	Aug. 21	3258	687	123	25.6
Skidmore, Charles, assignor of two-thirds to D. B. Stidworthy and F. B. Buckwalter, Homer, Nebr. Journal-bearing.....	817,676	Apr. 10	2212	473	121	1899
Skiles, Ernest C. (See Barnard, Jerome W., assignor.)						
Skillin & Richards Manufacturing Company. (See Skillin, Thomas J., assignor.)						
Skillin, Thomas J., Oak Park, assignor to Skillin & Richards Manufacturing Company, Chicago, Ill. Grain-distributing device.....	834,331	Oct. 30	4892	1036	124	2585
Skillings, Arthur H., Brooklyn, N. Y. Automatic air-brake coupling.....	813,747	Feb. 27	4435	979	120	2598
Skillings, Edmund G. (See Swan, Finnegan, and Skillings.)						
Skillman, Arthur D., assignor to American Switch and Signal Company, Los Angeles, Cal. Automatic car-stopping device.....	822,161	May 29	6342	1349-50	122	1647
Skinkle, William B., Steubenville, Ohio. Clam-shell bucket.....	835,567	Nov. 13	1373	295	125	390
Skinner Edwin M., New York, N. Y. Indicator or sign.....	835,969	Nov. 6	986	210	125	250
Skinner, George W., Jr. (See Canfield, Frank, assignor.)						
Skinner, James, assignor to B. F. Thomas, Chattanooga, Tenn. Bottle-washing machine.....	830,933	Sept. 11	2075	437-8	124	551
Skinner, James A., Denver, Colo. Feed-bag.....	811,450	Jan. 30	5731	1200	120	1402
Skinner, John H., Angus, N. Mex. Ter. Motor for churns, pumps, &c.....	812,459	Feb. 13	1891	417	120	1932
Skinner, John H., Grand Haven, Mich. Buoy.....	832,881	Oct. 9	1750	360	124	1674
Skinner, Lewis C., Catawba, N. C. Lap-robe and coat.....	834,418	Oct. 30	5071	1075	124	26.8
Skinner, Nancy E., West Lorne, Canada. Strainer.....	817,397	Apr. 10	1689	356	121	1789
Skinner, Nancy E., West Lorne, Canada. Strainer.....	817,452	Apr. 10	1806	379	121	1814
Skinner, Orson F., assignor of one-half to F. W. Collins, Hastings, Mich. Safety-bung attachment.....	820,371	May 8	2722	593	122	669
Skinner, Orville C. (See Sheaffer, James E., assignor.)						
Skinner, Orville C., and J. E. Sheaffer, Burnham, Pa. Gas-producer.....	809,023	Jan. 2	789	170	120	174
Skinner, Sidney L., assignor to M. C. Seiter, Ottawa, Ill. Shade-fixture.....	812,242	Feb. 13	1477	323	120	1861
Skirrow, John F., East Orange, N. J. Clamping-sleeve for pneumatic-despatch tubes.....	813,674	Feb. 27	4303	947	120	2570
Skirrow, John F., East Orange, N. J. Multiple contact for electrical condensers.....	832,632	Oct. 9	1240	250	124	1552
Sklowsky, Max, assignor to Deere & Company, Moline, Ill. Tempering-press.....	825,769	July 10	2260	469-70	123	596
Stov, Rasmus, and J. Forberg, Aneta, N. D. Brick-tongs.....	809,146	Jan. 2	1036	214	120	227
Skov, Soren R., Cleveland, Ohio. Milk-can.....	830,182	Sept. 4	553	113	124	140
Slade, Walter W., Boston, and H. F. Bower, Everett, assignors to Globe Optical Company, Boston, Mass. Lens-cutting machine.....	813,459	Feb. 27	3876	849-50	120	2475
Slagel, Joseph J., Fairbury, Ill. Lubricator.....	831,899	Sept. 25	4057	844-5	124	1119
Slagle, Sylvestre, State College, Pa. Eyeglass-lens.....	815,648	Mar. 20	3348	701	121	837
Slaine, George. (See Matusak and Slaine.)						
Slama, Lewis, Humboldt, Nebr. Rubber-tire guard.....	812,605	Feb. 13	2195	478	120	2012
Slater, Charles E., Colebrook River, Conn. Axle-nut wrench.....	816,191	Mar. 27	4481	949	121	1133
Slater, Florence W., Flushing, N. Y. Rain-coat.....	820,893	May 15	3806	812	122	966
Slater, James W., assignor of one-half to O. S. Sturtevant, Adrian, Mich. Tie for wire fencing.....	828,430	Aug. 14	1489	313	123	2065
Slater, John W., Slatersville, R. I. Means for reversing and controlling internal-combustion engines.....	828,064	Aug. 7	758	156	123	1858
Slater, Olney A., Pontiac, Mich. Bridge construction of reinforced cement.....	820,743	May 15	3458	741	122	890
Slater, William W. (See Isaacs, Slater, and Daniels.)						
Slattery, William, New York, N. Y. Toy wagon.....	839,660	Dec. 25	4738	1012	125	2652
Slattery, William H., assignor to Deitch Brothers, New York, N. Y. Bag-clasp.....	821,318	May 22	4679	996	122	1218
Slaughter, Joel C., Dallas, Tex. Electric regenerator.....	819,815	May 8	1561	332	122	412
Slawson, John W. (See Eaves, Slaven, and Wade.)						
Slawoszewski, Walery T., Toledo, Ohio. Combined shade-bracket and curtain-pole support.....	828,250	Aug. 7	1087	229	123	1935
Slayden, Wesley, Wichita, Kans. Car-coupling.....	823,643	June 19	2860	605	122	2459
Slaymaker, Samuel R., Lancaster, Pa. Padlock.....	834,027	Oct. 23	4250	901	124	3378
Slaysman, Alexander, Jr., Baltimore, Md. Machine for edging sheet-metal blanks.....	826,807	July 24	4311	896-7	123	1143
Sleezer, Flavius J., Newark, Ill. Dumping mechanism.....	812,957	Feb. 20	2881	636-7	120	2204
Sleicher, William, Troy, N. Y. Securing wigs in place.....	833,092	Oct. 9	2141	451	124	1770
Sleight, Edward H. (See Shurtleff, Frank, assignor.)						
Slesnick, Rosa E., Cranberry, Pa. Furniture-leg.....	835,738	Nov. 13	1686	359	125	469
Sletto, Oscar K., assignor of one-half to C. H. Allen, Blackduck, Minn. Vending-machine.....	817,727	Apr. 10	2318	498-9	121	1925
Slick, Edwin E., Pittsburg, Pa. Furnace-roof.....	810,228	Jan. 16	3277	678	120	798
Slick, Edwin E., Pittsburg, Pa. Rolling-mill.....	817,344	Apr. 10	1573	330-2	121	1763
Slick, Edwin E., Pittsburg, Pa. Rolling angles.....	817,345	Apr. 10	1576	332-3	121	1764

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Slick, Edwin E., Pittsburg, Pa. Adjustable fastening.	833,007	Oct. 9	1979	413	124	1728
Slider, William T., assignor of one-half to B. A. Brown, Indianapolis, Ind. Tool-post.	821,065	May 22	4189	890	122	1111
Slife, William B., Denver, assignor of one-half to F. E. Torbit, Fountain, Colo. Manuscript-holder.	837,001	Nov. 27	4223	899	125	1174
Slife, William B., Denver, assignor of one-half to F. E. Torbit, Fountain, Colo. Notebook holder.	837,002	Nov. 27	4224	899	125	1175
Sligh, Rufus A., Slighs, S. C. Cotton-chopper.	830,934	Sept. 11	2077	438	124	551
Slingermann, Rynear J. (See Bonnell and Conrad, assignors.)						
Sloan, George, North Yakima, Wash. Lubricator.	817,529	Apr. 10	1955	413	121	1844
Sloan, Harry, New York, N. Y. Machine for sawing plate-ice.	832,582	Oct. 2	1119	225	124	1483
Sloan, James D. (See Ayers and Sloan.)						
Sloan, Patrick J., Bayonne, N. J. Clothes-line support.	809,024	Jan. 2	790	170	120	174
Sloan, Robert A., J. E. L. Barnes, Liverpool, and F. Ogden, Bristol, England. Automatically-regulated feeding apparatus for cigarette-making machines.	817,880	Apr. 17	2650	575-7	121	2049
Slocum, Alexander W., assignor of one-half to C. V. Slocum, Pittsburg, Pa. Making cast-iron articles.	830,536	Sept. 11	1296		124	347
Slocum, Charles V. (See Slocum, Alexander W., assignor.)						
Slocum, John C., assignor to J. A. Jeffrey, Columbus, Ohio. Clam-shell bucket.	813,527	Feb. 27	4023	881	120	2510
Slocum, John C., assignor to J. A. Jeffrey, Columbus, Ohio. Clam-shell bucket.	813,528	Feb. 27	4026	882	120	2511
Slocum, Silas D., Alexandria, Va., assignor to L. W. Bossert, Utica, N. Y. Combined box for molding and iron-armored conduit.	832,508	Oct. 2	975	195	124	1446
Slocum, Silas D., Alexandria, Va., assignor to L. W. Bossert, Utica, N. Y. Outlet-box.	832,509	Oct. 2	977	195	124	1447
Slocum, Silas D., Alexandria, Va., assignor to L. W. Bossert, Utica, N. Y. Adjustable switch-box.	835,039	Nov. 6	325	69	125	84
Sloman, Eugene H. (See Stoddard, Edgar R., assignor.)						
Sloman, Eugene H., Detroit, Mich. Bath-tub.	821,755	May 29	5572	1186	122	1473
Sloman, Eugene H., assignor to Seamless Steel Bath-tub Company, Detroit, Mich. Bath-tub. (Reissue)	12,539	Oct. 9	2261	475	124	1802
Sluder, Sanford, Coalmont, Ind. Spragger for mine-cars.	830,107	Sept. 4	393	80	124	97
Slusser, Clyde, Charleston, W. Va. Binding-post.	818,480	Apr. 24	3835	825	121	2360
Slutz, Thomas W., and K. O. Lee, Aberdeen, S. D. Grain-separator.	820,265	May 8	2526	547-8	122	625
Sly, William W., Cleveland, Ohio. Dust-collector.	837,743	Dec. 4	936	211-12	125	1587
Slyder, William J., assignor to G. S. Long, Troy, Ohio. Canopy-support.	822,635	June 5	816	166	122	1907
Small, Frank E., New York, N. Y. Self-feeding or stoker furnace.	826,122	July 17	2951	608	123	778
Small, Fred B., and J. C. Mulligan, Bath, Me. Detachable support for implements and other articles on stoves.	826,373	July 17	3400	705	123	891
Small, Fred B., and J. C. Mulligan, Bath, Me. Combined stove-lid lifter and clothes-drier.	830,183	Sept. 4	555	113-14	124	140
Small, Fred E., and T. M. Latsch, Los Angeles, Cal. Safety elevator air-brake.	839,327	Dec. 25	4061	871	125	2489
Small, Henry J. (See Collins, William H., assignor.)						
Small, Henry J., San Francisco, and J. B. Speed, Berkeley, Cal. Railway tank-car.	814,880	Mar. 13	1758	368	121	442
Small, James M., Westminster, England. Apparatus for propelling rotary motors.	823,815	June 19	3173	671	122	2526
Small, Thomas, Camden, N. J. Safety attachment for boilers.	824,214	June 26	3934	842	122	2750
Small, Thomas W., assignor to G. H. Worthington and C. W. Johnson, Cleveland, Ohio. Circuit-closing mechanism.	839,216	Dec. 25	3850	827	125	2437
Small, Wallace F., Everett, Wash. Marking-gage.	826,618	July 24	3976	823	123	1058
Small, William A., San Francisco, Cal., assignor to Noiseless Typewriter Company. Roller for type-writers.	811,800	Feb. 6	503	112	120	1593
Smallbone, Harry E., Chicago, Ill. Multiple-cylinder engine.	821,546	May 22	5133	1094-5	122	1318
Smallbone, Harry E., Chicago, Ill. Driving-belt.	826,899	July 24	4511	939	123	1192
Smalley, James B., Chicago, Ill., and C. A. Reiners, New York, N. Y., assignors to Elevator Supply & Repair Company. Signaling system for elevators.	826,752	July 24	4215	876	123	1118
Smallmon, D. M., et al. (See Kelly, Charles T., assignor.)						
Smallwood, Alfred, London, England. Heat-diffuser for steam-boilers.	833,642	Oct. 16	3302	701-2	124	2102
Smallwood, Alfred, assignor to Incandescent Heat Company, Limited, London, England. Means for generating and applying heat for steam-boilers, furnaces, &c.	833,639	Oct. 16	3295	700-1	124	2100
Smallwood, Alfred, assignor to Incandescent Heat Company, Limited, London, England. Muffle or furnace for annealing.	833,640	Oct. 16	3297	701	124	2101
Smallwood, Alfred, assignor to Incandescent Heat Company, Limited, London, England. Muffle or furnace for annealing.	833,641	Oct. 16	3300	701	124	2101
Smallwood, Clarence S., Granite City, Ill. Railway-tie.	825,492	July 10	1640	341	123	444
Smallstig, William C., Bloomington, Ill. Rotary engine.	825,770	July 10	2264	470	123	558
Smart, Campbell, Swansea, England. Apparatus for commuting electric currents passing through lamps, &c.	817,597	Apr. 10	2078	438-9	121	1869
Smart, Earl B. (See Smart, Salma H., assignor.)						
Smart, Salma H., assignor to E. B. Smart, Grand Rapids, Wis. Core for paper-rolls.	812,305	Feb. 13	1613	354	120	1894
Smart, William F., Pittsburg, Pa. Bottle.	824,447	June 26	4395	935	122	2843
Smartt, Brinay, Nashville, Tenn., assignor to Smartt Inventing & Manufacturing Company. Reversing-valve.	837,427	Dec. 4	301	72-3	125	1431
Smartt Inventing & Manufacturing Company. (See Smartt, Brinay, assignor.)						
Smarup, Nelson, Amsterdam, N. Y. Needle-operating mechanism for looms.	811,590	Feb. 6	111	24	120	1509
Smathers, George H. (See Harbin, Zeddie L., assignor.)						
Smead, Burton A. (See Smead, Isaac D., assignor.)						
Smead, Charles R., St. Paul, Minn. File and fastener.	819,464	May 1	856	184	122	192
Smead, Isaac D., assignor to B. A. Smead, Cincinnati, Ohio. Movable roadway.	812,374	Feb. 13	1728	379-80	120	1919
Smead, William H., Charlotte, N. C. Stand.	827,575	July 31	5969	1238	123	1565
Smejkal, Emil and R., Brooklyn, N. Y. Safety gas-burner.	816,260	Mar. 27	4609	979	121	1161
Smejkal, Rudolf. (See Smejkal, Emil and R.)						
Smeltzer, Daniel B. D., et al. (See Smith, Voorhees G., assignor.)						
Smeltzer, George D., et al. (See Smith, Voorhees G., assignor.)						
Smering, Edward, Chester, S. C. Book-support.	816,507	Mar. 27	5140	1089	121	1273
Smethers, James A., assignor to Dempster Mill Manufacturing Company, Beatrice, Nebr. Draft-equalizer.	827,888	Aug. 7	382	81	123	1764
Smigel, Isaac, East Orange, N. J. Desk-pad.	811,334	Jan. 30	5528	1152	120	1360
Smiley, Frank D., Ithaca, N. Y. Mail-bag catcher.	814,090	Mar. 6	180	36	121	39
Smiley, Herschel W. (See O'Dell and Smiley.)						
Smiley, Jacob B., Chicago, Ill. Interchangeable cultivator and seed-drill.	809,025	Jan. 2	792	171	120	175
Smillie, George W., Newark, N. J. Car-coupling.	820,677	May 15	3333	715	122	861
Smillie, Thomas W., Washington, D. C. Music sheet or paper for mechanically-operated musical instruments.	827,123	July 31	4963		123	1315
Smiser, J. A. (See Gilmer, William A., assignor.)						
Smith, Abraham L., New York, N. Y. Game apparatus.	822,558	June 5	640	129	122	1867
Smith, Abraham L., New York, N. Y. Mixed-drink spoon.	834,028	Oct. 23	4252	902	124	2378
Smith, Adolph H., assignor to Railroad Supply Company, Chicago, Ill. Tie-plate.	824,678	June 26	4850	1034	122	2944
Smith, Alva P., Jr., Brockton, assignor to A. A. Maxwell, trustee, Boston, Mass. Automatic vehicle-fender.	836,283	Nov. 20	2754	585	125	783

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Smith, Albert J., East Dulwich, England. Appliance for use with saucepans and the like.	819,940	May 8	1804	390	122	466
Smith, Alfred H. (See Cottrell, James, assignor.)						
Smith, Alfred J., Mauch Chunk, Pa. Hame-tug.	823,744	June 19	3039	643	122	2495
Smith, Andrew, San Mateo, Cal. Well-tubing.	830,184	Sept. 4	556	114	124	141
Smith, Andrew E., Fredonia, N. Y. Garment-fastener.	816,750	Apr. 3	388	89	121	1445
Smith, Andrew H., New York, N. Y. Steam-turbine engine.	824,955	July 3	555	110	123	148
Smith, Andrew J. (See Brooks, Newitt, and Smith.)						
Smith, Andrew J., assignor of one-eighth to J. Lippman, Los Angeles, Cal. Pocket-book lock.	815,225	Mar. 13	2468	514	121	598
Smith & Anthony Company. (See Tarleton, George H., assignor.)						
Smith, Antoinette L., Norwood, Ohio. Paste holding and applying device.	823,298	June 12	2172	453	122	2251
Smith, Antoinette L., Norwood, Ohio. Telephone call-list and memorandum-slip attachment.	823,299	June 12	2174	454	122	2251
Smith, Archie M., and W. C. Dean, Ballinger, Tex. Scraper.	819,090	May 1	114	25	122	30
Smith, Arthur, Easton, Pa., assignor to American Horse Shoe Company, Phillipsburg, N. J. Forming billets in the manufacture of machine-made horseshoes.	838,471	Dec. 11	2389	517-18	125	1990
Smith, Arthur A., Eagle Grove, Iowa. Wire-stretcher.	811,254	Jan. 30	5376	1122	120	1328
Smith, Arthur A., Goldfield, Iowa. Wire-stretcher. (Reissue.)	12,484	May 22	5244	1118	122	1342
Smith, Arthur J., Hazleton, Pa. Dinner-pail.	824,156	June 26	3810	813	122	2723
Smith, Arthur P. (See Smith, Hinsdale and A. P.)						
Smith, Arthur P., Springfield, Mass. Water-cooling apparatus.	822,996	June 12	1519	316	122	2108
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Interlocking plug-switch.	839,430	Dec. 25	4262	912	125	2538
Smith, Arthur W., Jersey City, N. J., assignor to Yost Writing Machine Company, Ilion, N. Y. Type-writing machine.	818,569	Apr. 24	4037	866	121	2402
Smith, Augustus, New York, N. Y. Apparatus for handling coal and other granular material.	816,391	Mar. 27	4918	1044-5	121	1225
Smith, Augustus, assignor to Discharging Apparatus Manufacturing Company, New York, N. Y. Bucket for hoisting and dumping apparatus.	837,744	Dec. 4	937	212	125	1587
Smith Automatic Box Machinery Company. (See Smith and Strickland, assignors.)						
Smith Automobile Company. (See Stafford, Terry, assignor.)						
Smith, Bion E., Bainbridge, N. Y. Wheelbarrow.	817,677	Apr. 10	2215	473	121	1899
Smith, Blandon H., assignor to G. L. Adams, Altoona, Pa. Door-operating mechanism for drop-bottom cars.	837,137	Nov. 27	4499	954-5	125	1243
Smith, Burgess, assignor to J. R. Hill, Washington, D. C. Transfer-press and attachments therefor.	811,672	Feb. 6	270	59-60	120	1544
Smith Cannery Machines Company. (See Smith, Edmund A., assignor.)						
Smith, Captain A., Uniontown, Pa. Neck-yoke.	814,881	Mar. 13	1760	368	121	442
Smith, Carroll B., Redlands, Cal. Furrow smoother and packer.	815,048	Mar. 13	2101	442	121	514
Smith, Cassius M., and S. B. Welcome, Los Angeles, Cal., assignors to Western Iron Works. Valve mechanism for gas-engines.	816,047	Mar. 27	4186	887-8	121	1070
Smith, Channing. (See Rae, James J., assignor.)						
Smith, Charles. (See Thomas, Charles W., assignor.)						
Smith, Charles A., Chicago, Ill. Core-making machine.	812,606	Feb. 13	2196	478-9	120	2013
Smith, Charles B., New York, N. Y. Telephone system.	816,132	Mar. 27	4363	924	121	1108
Smith, Charles B., Dunedin, New Zealand. Geneva-gear numbering and recording machine.	825,162	July 3	941	199	123	247
Smith, Charles D., Fond du Lac, Wis. Electric surface and elevated trolley-railway.	811,101	Jan. 30	5044	1054-5	120	1256
Smith, Charles D., Paris, Ill. Knockdown trestle.	829,548	Aug. 28	3806	808	123	2728
Smith, Charles E., assignor to S. Morgan Smith Company, York, Pa. Turbine.	809,147	Jan. 2	1038	214-15	120	227
Smith, Charles F., Bridgeport, Conn., assignor to Continental Paper Bag Company. Cutting mechanism.	818,713	Apr. 24	4335	930	121	2469
Smith, Charles F., assignor to Landers, Frary and Clark, New Britain, Conn. Food-chopper.	821,756	May 29	5573	1186	122	1473
Smith, Charles F., assignor, by mesne assignments, to Smith Countershaft Company, Melrose, Mass. Reversing mechanism.	833,255	Oct. 16	2499	523	124	1909
Smith, Charles H., Lebanon, Pa. Railway signaling device.	818,795	Apr. 24	4516	965	121	2509
Smith, Charles J. (See Broadbelt, Joseph, assignor.)						
Smith, Charles L. (See Harrington and Smith.)						
Smith, Charles L. (See Kent and Smith.)						
Smith, Charles M. (See La Sor and Smith.) (Reissue.)						
Smith, Charles P., Rochester, N. Y. Power-transmission mechanism.	834,082	Oct. 23	4370	930	124	2406
Smith, Charles S. (See North, Smith, and Brewster.)						
Smith, Charlotte J., New York, N. Y. Comb.	829,235	Aug. 21	3121	657	123	2513
Smith, Chester, assignor of one-half to D. E. Evans, Oak Hill, Ohio. Pneumatic cushioned stool.	828,781	Aug. 14	2180	460	123	2242
Smith, Christian. (See Booth and Bittle, assignors.)						
Smith, Clarence E., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle.	839,217	Dec. 25	3851	828	125	2437
Smith, Clarence H., Falmouth, Mass., assignor to Power Development Company, Portland, Me. Superheater.	831,999	Sept. 25	4230	884	124	1162
Smith, Clarence H., Falmouth, Mass., assignor to Power Development Company, Portland, Me. Steam-boiler.	832,000	Sept. 25	4232	885	124	1162
Smith, Clark J., assignor to Hardsocg Wonder Drill Company, Ottumwa, Iowa. Rock-drill.	812,375	Feb. 13	1732	380	120	1919
Smith, Clark J., assignor to Hardsocg Wonder Drill Company, Ottumwa, Iowa. Rock-drill.	812,774	Feb. 13	2502	550	120	2073
Smith, Clark J., assignor to Hardsocg Wonder Drill Company, Ottumwa, Iowa. Rock-drill.	835,261	Nov. 6	774	162	125	195
Smith, Clark J., assignor to Hardsocg Wonder Drill Co., Ottumwa, Iowa. Rock-drill.	837,347	Dec. 4	140	35	125	1390
Smith, Claude, St. Louis, Mo. Folding crate.	828,686	Aug. 14	1991	420	123	2195
Smith, Clayton O., assignor to Norton Emery Wheel Company, Worcester, Mass. Grinding-machine.	839,080	Dec. 18	3529	763-4	125	2314
Smith, Clinton D., Russell, Iowa. Road-leveling machine.	808,877	Jan. 2	499	108	120	112
Smith, Clyde H., et al. (See Prescott, George E., assignor.)						
Smith Co., Philip. (See George and Smith, assignors.)						
Smith Co., T. I. (See Lettré, Phillip H., assignor.)						
Smith & Company, H. D. (See Ward, William S., assignor.)						
Smith Countershaft Company. (See Smith, Charles F., assignor.)						
Smith, Curtis A., Elgin, Ill. Sound-reproducing machine.	831,900	Sept. 25	4059	845	124	1120
Smith, Cyrenus M., et al. (See Holland, Curtis, assignor.)						
Smith, Cyrus, Irwin, Pa. Mechanical draft and mixing apparatus for flue-boilers.	833,008	Oct. 9	1980	414	124	1728
Smith, D. J., et al. (See Faulk, James M., assignor.)						
Smith, Datus C., New York, N. Y. Wire-splicer.	815,754	Mar. 20	3590	755	121	890
Smith, Datus C., New York, N. Y. Wire-splicer.	815,755	Mar. 20	3592	755	121	890
Smith, Datus C., New York, N. Y. Wire-clamp.	815,871	Mar. 20	3840	814	121	941

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Smith, David, Durham, Canada. Straw-cutter	825,426	July 10	1515	314	123	412
Smith, Dea C., assignor of one-half to C. A. Buckner, Mexico, Mo. Artist's palette	817,196	Apr. 10	1288	267	121	1704
Smith, Delos A., Webberville, Mich. Fence-post	811,451	Jan. 30	5733	1200	120	1409
Smith, Edith A., Salt Lake City, Utah. Button	818,983	Apr. 24	4863	1044	121	2583
Smith, Edmund A., assignor to Smith Cannery Machines Company, Seattle, Wash. Means for dressing fish	818,305	Apr. 17	3508	753	121	2236
Smith, Edward E., and H. F. Jones, Philadelphia, Pa. Slip-joint connection for dental handpieces	813,178	Feb. 20	3315	729	120	2298
Smith, Edward F., assignor to J. Anstice, Rochester, N. Y. Slicing-machine	811,452	Jan. 30	5734	1200-1	120	1402
Smith, Edward F., assignor to J. Anstice, Rochester, N. Y. Slicing-machine	830,935	Sept. 11	2078	438-9	124	552
Smith, Edward L., Breckenridge, Colo., and J. M. Sherrerd, Easton, Pa. Dredge-chain	822,395	June 5	321	66-7	122	1796
Smith, Edward M., Plevna, Kans. Staple extractor and holder	821,893	May 29	5828	1240	122	1529
Smith, Edwin C. (See Kip and Smith.)						
Smith, Edwin C., Providence, R. I. Shifting device	815,650	Mar. 20	3351	701	121	838
Smith, Edwin F., Philadelphia, Pa. Veneer-machine	839,661	Dec. 25	4739	1013	125	2653
Smith, Edwin F., assignor to Edwin F. Smith Company, Philadelphia, Pa. Veneer-drier	822,997	June 12	1520	316-17	122	2108
Smith, Edwin F., and E. A. Briner, assignors to Edwin F. Smith Company, Philadelphia, Pa. Stay-log	828,065	Aug. 7	759	157	123	1858
Smith, Elmer C., Columbus, Nebr. Forming foundations	814,240	Mar. 6	460	95	121	99
Smith, Elmer C., Carpentersville, Ill. Collapsible crib attachment for bedsteads	838,591	Dec. 18	2624	565	125	2092
Smith, Elmer H., Birds, Ill. Clod crusher and pulverizer	835,371	Nov. 6	993	211	125	251
Smith, Elmer H., Birds, Ill. Level	839,662	Dec. 25	4742	1013	125	2653
Smith, Elmer S., Boundbrook, N. J. Cash-register	825,493	July 10	1641	342-5	123	445
Smith, Elvah C., Newton, Iowa. Coffee-cutting mill	815,126	Mar. 13	2264	473-4	121	549
Smith, Elvino V., Philadelphia, Pa. Automatic sprinkler	813,061	Feb. 20	3084	676	120	2249
Smith, Enoch, assignor of one-third to G. Curley, Salt Lake City, Utah. Dumping-wagon	823,554	June 19	2692	569-70	122	2420
Smith, Enoch, assignor of one-third to G. Curley, Salt Lake City, Utah. Fifth-wheel	837,513	Dec. 4	456	104	125	1470
Smith, Estelle, Monticello, N. Y. Sad-iron	833,943	Oct. 23	3950	839	124	2310
Smith, Eugene. (See Nowak, Ottokar H., assignor.)						
Smith, Eugene C., New York, N. Y., assignor to Hawthorne and Sheble Manufacturing Company, Philadelphia, Pa. Phonograph	836,470	Nov. 20	3118	662	125	867
Smith, Eugene M., Jr., Canton, Miss. Bottle	836,539	Nov. 20	3257	693	125	902
Smith, Everett, Schenectady, N. Y. Putting-mat	815,649	Mar. 20	3350	701	121	838
Smith, Fletcher, assignor of one-half to J. V. Smith, Mertens, Tex. Plow attachment	820,147	May 8	2297	502	122	574
Smith, Forrest, Council Bluffs, Iowa. Jar-closure	830,859	Sept. 11	1950	409	124	523
Smith, Francis B. (See Smith, Levi O. and F. B.)						
Smith, Francis M., Woodstock, Canada. Rotary paper-trimmer	821,757	May 29	5574	1186	122	1473
Smith, Frank A. (See Champlin, Alexander G., assignor.)						
Smith, Frank A., assignor of two-thirds to G. W. Thomas and H. Buckley, Victor, Colo. Miner's lamp	814,241	Mar. 6	461	96	121	99
Smith, Frank B., Palmyra, N. Y. Mop-wringer	813,179	Feb. 20	3316	729-30	120	2298
Smith, Frank F. (See Woodruff, Augustus H., assignor.)						
Smith, Frank F., assignor to Robert Mitchell Machinery Co., Detroit, Mich. Lip-turner	809,332	Jan. 9	1448	294	120	353
Smith, Frank L., assignor of one-half to A. C. Ricksecker, Chicago, Ill. Valve and valve-disk-cutting machine	836,715	Nov. 27	3626	773	125	1025
Smith, Frank L., assignor to A. C. Ricksecker and L. A. Nichols, Chicago, Ill. Valve	821,758	May 29	5575	1187	122	1473
Smith, Frank P., Baltimore, Md., assignor of one-half to Smith Lyrophone Company. Automatic attachment for pianos	828,293	Aug. 7	1205	251	123	1967
Smith, Franklin S., Philadelphia, Pa. Pneumatic-despatch apparatus	816,261	Mar. 27	4610	980	121	1161
Smith, Franklin S., Philadelphia, Pa. Pneumatic-despatch apparatus	816,262	Mar. 27	4617	980	121	1163
Smith, Fred D., Los Angeles, Cal. Evaporating apparatus	828,343	Aug. 14	1321	280	123	2022
Smith, Fred K. (See McCall, William W., assignor.)						
Smith, Frederick, Camden, N. J. Gas-meter	830,017	Sept. 4	297	39	124	52
Smith, Frederick E., Los Angeles, Cal. Milk-bottle holder	832,754	Oct. 9	1483	298	124	1610
Smith, Frederick H., Datchet, England. Governor for internal-combustion engines	838,754	Dec. 18	2923	630	125	2165
Smith, Frederick H., assignor to Receiptotype Co., San Francisco, Cal. Cash-recorder	833,424	Oct. 16	2844	603-4	124	1995
Smith, Frederick L. (See Smith, Martin J., assignor.)						
Smith, Frederick L., Chicopee Falls, Mass. Rifle-telescope	812,376	Feb. 13	1736	380	120	1921
Smith, Furmon S., Ramona, Mich. Cross-line buckle	822,396	June 5	324	67	122	1797
Smith, George A., and A. C. Strickland, assignors to Smith Automatic Box Machinery Company, Richmond, Va. Planing-machine	830,378	Sept. 4	969	202	124	238
Smith, George B., Gallatin, Mo. Fence-post	814,403	Mar. 6	829	171	121	180
Smith, George B., Indianola, Nebr. Cord-adjuster	833,009	Oct. 9	1983	414	124	1729
Smith, George C., St. Kilda, near Melbourne, assignor to A. E. Langford, Melbourne, Victoria, Australia. Calipers and dividers	822,397	June 5	326	67	122	1797
Smith, George D., Owen Sound, Canada. Wood-scraping tool	814,404	Mar. 6	830	171	121	181
Smith, George G., Florence, Italy. Depurator for gas	824,956	July 3	556	111	123	148
Smith, George H., Evanston, Ill., assignor to Densmore Typewriter Company, Syracuse, N. Y. Type-writing machine	814,739	Mar. 13	1496	317	121	387
Smith, George H., Cedar Rapids, Iowa, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine	824,157	June 26	3812	813-14	122	2723
Smith, George H., Cedar Rapids, Iowa, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine	827,044	July 24	4769	996-7	123	1254
Smith, George H., and J. Stieglitz, Yonkers, N. Y. Comb-fastener	823,555	June 19	2695	570	122	2421
Smith, George L., U. S. Navy. Magazine-firearm	818,395	Apr. 17	3678	790-1	121	2272
Smith, George M., Ivanhoe, Colo. Axle	817,881	Apr. 17	2657	577	121	2051
Smith, George M., and G. M. Petty, Knoxville, Tenn. Grate	837,745	Dec. 4	938	212	125	1587
Smith, George P., and P. Stokes, Philadelphia, Pa. Fountain drafting-pen	827,758	Aug. 7	126	28	123	1701
Smith, George W., Buffalo, N. Y. Metal railway-tie	819,941	May 8	1805	390	122	467
Smith, George W., assignor of one-half to W. Harris, Union City, Ind. Combined chair and trousers-press	834,083	Oct. 23	4378	931	124	2408
Smith, Gustavus A., Laurel, assignor to Handy Match Scratcher Company, Des Moines, Iowa. Match-scratcher	817,995	Apr. 17	2889	624	121	2106
Smith, H. L. (See Longhenry, John E., assignor.)						
Smith, Harriet E., et al. (See Eddy and Hadley, assignors.)						
Smith, Harley, Buffalo, Mo. Coin-controlled shoe-polishing machine	834,766	Oct. 30	5763	1223-4	124	2805
Smith, Harper F. (See Lang and Smith.)						
Smith, Harry B., Janesville, Wis. Device for filling fountain-pens	823,975	June 19	3486	744	122	2595
Smith, Harry C., Willimantic, Conn. Spindle	830,806	Sept. 11	1855	385	124	497
Smith, Harry E., London, England. Reducing agent or composition for use in photography	816,751	Apr. 3	389	-----	121	1445
Smith, Harry F., Lexington, Ohio. Charging-door for gas-producers	822,781	June 5	1088	225	122	1966
Smith, Harry F., assignor of two-thirds to J. S. Hopkins and G. J. Hooper, Richmond, Va. Electric lock-strike	813,119	Feb. 20	3202	700	120	2275
Smith, Harry J., Buffalo, N. Y. Gas-engine	827,759	Aug. 7	128	28	123	1702

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Smith, Harry J., Buffalo, N. Y. Fuel mixing and regulating device for gas-engines.	832,089	Oct. 2	123	27	124	1242
Smith, Harry J., assignor to Alberger Company, Buffalo, N. Y. Valve mechanism for gas-engines.	818,714	Apr. 24	4339	930	121	2470
Smith, Harry V., Sugar Grove, Ill. Draft-truck for agricultural implements.	833,347	Oct. 16	2691	566	124	1959
Smith, Harry W., North Grafton, Mass. Woven fabric.	820,994	May 22	4048	860	122	1080
Smith, Harry W., Renforth, Canada. Band-cutter and feeder.	822,998	June 12	1524	317	122	2109
Smith, Harvey H. (See Ring, George, assignor.)						
Smith, Harvey H., Lancaster, Ohio. Nut-lock.	831,803	Sept. 25	3830	802	124	1062
Smith, Henry. (See Arnold and Smith.)						
Smith, Henry, Wallace township, Ontario, Canada. Combined harrow and cultivator. .	836,540	Nov. 20	3258	693	125	902
Smith, Henry, assignor to C. D. Wildes, Raleigh, N. C. Key-ring.	827,187	July 31	5136	1066	123	1364
Smith, Henry A., Elgin, and W. F. Frenk, Dundee, Ill.; said Frenk assignor of one-tenth to said Smith. Tool.	809,755	Jan. 9	2302	477	120	539
Smith, Henry C., assignor to Smith-Warren Company, Boston, Mass. Window-frame. .	810,887	Jan. 23	4631	965-6	120	1131
Smith, Henry C., assignor to Allith Manufacturing Company, Chicago, Ill. Automatic-ally-closing fireproof door.	830,745	Sept. 11	1753	361	124	473
Smith, Henry I., and C. H. Fisher, Bliss, N. Y. Potato-digger.	830,185	Sept. 4	557	114-15	124	141
Smith, Henry L., Schenectady, N. Y., assignor to General Electric Company. Electric switch.	839,788	Dec. 25	4994	1066	125	2717
Smith, Henry M., Taunton, assignor to C. H. Meader, Dorchester, Mass. Adjustable bearing for leather-splitting machines.	838,472	Dec. 11	2391	518	125	1991
Smith, Henry P., and F. J. Hobson, Guanajuato, Mexico. Agitator for cyanid solutions.	812,460	Feb. 13	1892	417	120	1952
Smith, Henry R., Gambrells, assignor of two-thirds to A. A. Joyce and L. H. Gadd, Annapolis, Md. Wrench.	821,438	May 22	4947	1051	122	1279
Smith, Henry S., Neenah, Wis. Wire-hoop-lock-forming device.	823,556	June 19	2697	570	122	2421
Smith, Henry S., Chadwick, Ill. Wheeled plow.	837,348	Dec. 4	144	36	125	1391
Smith, Henry W., Newfield, N. J. Jewelry-case.	831,388	Sept. 18	2991	635	124	807
Smith, Herbert L., assignor to Clinton Wire Cloth Company, Clinton, Mass. Machine for making wire goods.	830,018	Sept. 4	209	39-41	124	52
Smith, Herbert L., assignor to Siemon Hard Rubber Corporation, Bridgeport, Conn. Electrical switch and socket-key.	839,519	Dec. 25	4455	950	125	2585
Smith, Hinsdale, Springfield, Mass. Carriage-top iron.	837,138	Nov. 27	4501	955	125	1243
Smith, Hinsdale and A. P., Springfield, Mass. Metal vehicle-body.	813,460	Feb. 27	3880	850-1	120	2476
Smith, Homer E., Norwich, N. Y. Telephone attachment.	827,576	July 31	5970	1238	123	1566
Smith, Hubert C., Erdington, near Birmingham, England. Pendant or like support for electric lamps.	837,349	Dec. 4	147	36	125	1392
Smith, Ira E., Sacramento, Cal. Oil-burning system.	814,091	Mar. 6	181	36	121	40
Smith, Irving B., assignor to Electrelle Company, Philadelphia, Pa. Expression mechanism for mechanical piano-players.	825,618	July 10	1925	408	123	511
Smith, Irwin W., and J. B. Hayward, Dayton, Ohio. Curtain-fixture.	826,284	July 17	3224	668	123	847
Smith, J. B. (See Bozen, Samuel, assignor.)						
Smith, J. T. (See Alcorn, Robert L., assignor.)						
Smith, Jacob, Des Moines, Iowa. Endless chain saw.	830,860	Sept. 11	1951	409	124	523
Smith, Jacob E., Homestead, assignor to Pennsylvania Steel Tie Company, Allegheny county, Pa. Railway-tie.	825,357	July 10	1336	282	123	366
Smith, Jacob E., Homestead, assignor to Pennsylvania Steel Tie Company, Allegheny county, Pa. Metal railway-tie.	825,358	July 10	1338	282	123	366
Smith, Jacob S., Chicago, Ill. Apparatus for producing gas.	817,279	Apr. 10	1457	307	121	1739
Smith, Jacob S., Chicago, Ill. Producing gas.	817,280	Apr. 10	1462	307	121	1740
Smith, Jacob S., Chicago, Ill. Producing gas.	833,182	Oct. 16	2346	491	124	1870
Smith, Jacob S., Chicago, Ill. Gas-producing apparatus.	833,256	Oct. 16	2502	523	124	1909
Smith, Jacob S., Chicago, Ill. Producing heating and illuminating gas.	833,346	Oct. 16	2686	566	124	1958
Smith, James C., San Francisco, Cal. Rotary hook-support for garments and the like. .	812,691	Feb. 13	2346	513	120	2041
Smith, James C., San Francisco, Cal. Rack for cups and saucers.	826,900	July 24	4512	940	123	1192
Smith, James C., and J. S. Davis, Montgomery, Ala. Time-indicator for letter-boxes. .	812,692	Feb. 13	2347	514	120	2041
Smith, James D., et al. (See Schauman, Bror M., assignor.)						
Smith, James G., assignor of two-thirds to G. Hildenbrandt, Covington, Ky., and G. W. Davy, Cincinnati, Ohio. Lubricating device for journal-boxes.	828,066	Aug. 7	762	157	123	1859
Smith, James H., Salisbury Mills, N. Y. Hammer.	825,560	July 10	1802	381	123	482
Smith, James H., assignor of one-half to J. V. Cairns, Boston, Mass. Finger-nail trimmer.	838,755	Dec. 18	2924	630	125	2165
Smith, James L., Piru, Cal. Quick-acting monkey-wrench.	813,180	Feb. 20	3318	730	120	2299
Smith, James L., Taunton, Mass. Oil-burner.	826,067	July 17	2826	587	123	753
Smith, James M., Wengler, Cal. Miter-box and saw-guide.	810,175	Jan. 16	3145	651-2	120	772
Smith, James M., assignor of two-thirds to C. L. Altemus and H. B. Bowles, Philadelphia, Pa. Current-distributor for sparking devices.	822,782	June 5	1091	225	122	1967
Smith, Jed A., assignor of one-half to R. S. Blesh, Ligonier, Pa. Wrench.	815,872	Mar. 20	3843	814	121	941
Smith, Jimi, Cleveland, Ohio. Leather-cutting machine.	820,148	May 8	2298	502	122	574
Smith, Joe V. (See Smith, Fletcher, assignor.)						
Smith, John, assignor of one-half to H. Brandie, Philadelphia, Pa. Cylinder for candy-machines.	826,285	July 17	3227	668	123	848
Smith, John. and E. S. Stimpson, assignors to Draper Company, Hopedale, Mass. Automatic filling-replenishing mechanism for looms.	834,852	Oct. 30	5938	1261	124	2849
Smith, John A. (See Laganke and Smith.)						
Smith, John A., Dayton, Ky., assignor to United States Electric Tool Company, Cincinnati, Ohio. Electric motor.	814,740	Mar. 13	1500	317	121	388
Smith, John A., Cleveland, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Computing mechanism.	825,494	July 10	1656	345-7	123	448
Smith, John A., assignor of one-half to J. T. Clarke, Chicago, Ill. Pipe-wrench.	831,750	Sept. 25	3728	780	124	1037
Smith, John A., Baltimore, Md., assignor to Smith Lyraphone Company. Automatic attachment for pianos. (Reissue.)	12,562	Nov. 20	3493	744	125	956
Smith, John A., assignor to J. B. Bishop and A. Paul, Philadelphia, Pa. Music-stand. .	824,596	June 26	4700	1000	122	2913
Smith, John C., assignor of one-half to W. F. Smith, Gouverneur, N. Y. Carbureter. .	834,029	Oct. 23	4252	902	124	2378
Smith, John C., assignor of two-thirds to J. P. Williamson and B. F. Marsh, Lynchburg, Va. Hangman's scaffold.	818,306	Apr. 17	3513	753	121	2237
Smith, John D., assignor of one-half to Pee Dee Iron Works, Cheraw, S. C. Truck.	811,965	Feb. 6	866	190	120	1665
Smith, John E., Kansas City, Kans. Mail-pouch catcher.	824,388	June 26	4268	909	122	2818
Smith, John G., Keltonburg, Tenn. Churn.	811,102	Jan. 30	5045	1655	120	1256
Smith, John G., Chicago Heights, Ill., assignor of one-half to American Bed Company, St. Louis, Mo. Spring bed-bottom.	822,999	June 12	1526	317-18	122	2110
Smith, John H., Allegheny, Pa. Still.	814,405	Mar. 6	831	172	121	181
Smith, John L., Cincinnati, Ohio. Evaporator.	831,572	Sept. 25	3361	701	124	936
Smith, John M. (See Bryar, George, assignor.)						
Smith, John M., Waite Park, Minn. Railway-switch.	814,172	Mar. 6	333	68	121	73
Smith, John M., Toronto, Ontario, Canada. Ticket-destroyer.	836,222	Nov. 20	2622	552	125	749

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Smith, John M., Reynoldsville, R. M. Downie and F. W. Ransom, assignors to Keystone Driller Company, Beaver Falls, Pa. Core-drill.	821,130	May 22	4316	919	122	1138
Smith, John S., McHenry, Ky. Lubricating car-wheel.	829,039	Aug. 21	2709	568	123	2408
Smith, John W., et al. (See Tatum, James W., assignor.)						
Smith, John W., Congress, Ariz. Ter. Vehicle-brake.	820,266	May 8	2530	548	122	626
Smith, John W., assignor to Ball Engine Company, Erie, Pa. Steam-turbine.	823,447	June 12	2440	514-15	122	2307
Smith, John W., assignor to Ball Engine Company, Erie, Pa. Bucket for steam-turbines.	835,370	Nov. 6	990	211	125	251
Smith, John W., assignor to Rude Brothers Manufacturing Company, Liberty, Ind. Disk-drill attachment.	826,901	July 24	4513	940	123	1192
Smith, John W., and G. C. Harn, Jr., Columbus, Ohio. Cutting attachment for printing-presses.	816,945	Apr. 3	802	164-5	121	1536
Smith, John W., and N. L. Heckman, Liberty, Ind.; said Smith assignor and said Heckman assignor of one-third to J. W. Sharick, Springfield, Ohio. Grain-distributor.	822,872	June 5	1271	262-3	122	2004
Smith, Jonathan N., Gilmer, Tex. Wagon-body lifter.	834,169	Oct. 23	4563	908	124	2458
Smith, Joseph C., et al. (See Kelly, Alonzo, assignor.)						
Smith, Joseph F., Everett, Wash. Course-linder.	822,783	June 5	1093	226	122	1967
Smith, Joseph J., New York, N. Y. Humidifying apparatus.	835,894	Nov. 13	1986	419	125	541
Smith, Joseph J., New York, N. Y. Humidifying apparatus.	835,895	Nov. 13	1990	420	125	542
Smith, Joseph J., New York, N. Y., and L. Bell, Boston, Mass., assignors to Bell Pure Air and Cooling Company, New York, N. Y. Humidifier.	832,090	Oct. 2	129	27	124	1243
Smith, Kline & French Co. (See England, Joseph W., assignor.)						
Smith, Lein A., Englewood, N. J. Electric sparking igniter for explosive-engines.	826,123	July 17	2933	609	123	779
Smith, Levi O. and F. B. South Sterling, Pa. Traction-engine.	808,878	Jan. 2	500	109	120	113
Smith, Lewis C., assignor of one-half to H. H. Petersen, New York, N. Y. Stringed musical instrument.	824,316	June 26	4119	881	122	2789
Smith, Lewis D., Port Huron, Mich., assignor to Stanley Rule and Level Company. Plane.	827,473	July 31	5773	1197	123	1517
Smith, Louie F. (See Stanford and Smith.)						
Smith, Louis, assignor of one-half to C. A. Ambruster, Chicago, Ill. Check-marker.	819,318	May 1	571	122	122	131
Smith, Louis C. (See Vinton, John H., assignor.)						
Smith, Louis R., Denver, Colo. Book-index.	813,748	Feb. 27	4437	979	120	2598
Smith Lyraphone Company. (See Smith, Frank P., assignor.)						
Smith Lyraphone Company. (See Smith, John A., assignor.) (Reissue.)						
Smith, Madison, and J. P. Partenheimer, Princeton, Ind. Head for reaper or mower blades.	816,614	Apr. 3	151	31	121	1395
Smith, Magnus, Winnipeg, Canada. Film-holder for picture-exhibiting machines.	814,406	Mar. 6	835	172	121	181
Smith Manufacturing Company. (See Pawley, Ernest C., assignor.)						
Smith, Marcellous T., Northport, N. Y. Scissors.	837,590	Dec. 4	629	145	125	1510
Smith, Martin A., Buckland, Ohio. Fence-post.	830,108	Sept. 4	395	80	124	97
Smith, Martin J., assignor of one-half to F. L. Smith, Brockton, Mass. Apparatus for rubbing or treating boots and shoes.	817,453	Apr. 10	1807	380	121	1814
Smith, Martin V., New York, N. Y. Apparatus for treating sewage.	817,996	Apr. 17	2890	624-5	121	2106
Smith, Martin V., New York, N. Y. Furnace.	839,520	Dec. 25	4456	950	125	2585
Smith, Mary J., Lenora, Kans. Thimble attachment.	839,789	Dec. 25	4997	1067	125	2718
Smith, Morris F., Philadelphia, Pa. Gas-operated machine-gun.	817,197	Apr. 10	1289	267-8	121	1705
Smith, Morris F., Philadelphia, Pa., assignor of three-fourths to W. D. Condit, Des Moines, Iowa. Automatic gas-operated firearm.	814,242	Mar. 6	462	96-7	121	100
Smith, Morris F., Philadelphia, Pa., assignor of three-fourths to W. D. Condit, Des Moines, Iowa. Gun.	817,134	Apr. 3	1150	238	121	1615
Smith, Morris F., Philadelphia, Pa., assignor of three-fourths to W. D. Condit, Des Moines, Iowa. Gas-operated firearm.	817,198	Apr. 10	1295	268-70	121	1706
Smith, Morris F., Philadelphia, Pa., assignor of three-fourths to W. D. Condit, Des Moines, Iowa. Gas-operated rifle.	818,920	Apr. 24	4737	1017-18	121	2556
Smith, Nan E., Dowell, Tex. Bed attachment.	815,481	Mar. 20	3020	630	121	765
Smith, Nathan, Stevensville, Md. Oil-cup.	811,801	Feb. 6	504	113	120	1593
Smith, Nathan, Garrison, Mont. Cattle-guard for railways.	821,439	May 22	4948	1051	122	1280
Smith, Nathan H., Seattle, Wash. Dental contour-pliers.	816,828	Apr. 3	551	117	121	1479
Smith, Norman R., Seattle, Wash. Steam-turbine.	812,693	Feb. 13	2348	514	120	2041
Smith, Norman R., Seattle, Wash. Current-motor.	827,889	Aug. 7	583	82	123	1765
Smith, Norman R., Seattle, Wash. Propeller-wheel.	833,850	Oct. 23	3743	795	124	2256
Smith, Norman R., assignor to Seattle Rotary Engine Company, Seattle, Wash. Rotary engine.	815,482	Mar. 20	3021	631	121	766
Smith, Norman R., and P. A. Talbot, assignors to Seattle Rotary Engine Company, Seattle, Wash. Valve-operating means for rotary engines.	833,348	Oct. 16	2692	567	124	1959
Smith, Norman R., and P. A. Talbot, assignors to Seattle Rotary Engine Company, Seattle, Wash. Rotary head for rotary engines.	833,698	Oct. 16	3406	725	124	2126
Smith, Oberlin, Bridgeton, N. J. Press.	808,694	Jan. 2	134	31-2	120	32
Smith, Ollie F., Valley Head, Ala. Car-brake.	836,898	Nov. 27	3991	852	125	1123
Smith, Orbin F., Albia, Iowa. Stacker-head.	817,882	Apr. 17	2658	578	121	2051
Smith, Orison, assignor of one-half to C. H. Fridley, Anoka, Minn. Rotary harrow.	818,307	Apr. 17	3515	754	121	2238
Smith, Orren F., Ames, Iowa. Mail-box.	821,440	May 22	4950	1051	122	1280
Smith, Perley S., et al. (See Eddy and Hadley, assignors.)						
Smith, Perry C., Chicago, Ill. Bread-mixer.	830,256	Sept. 4	720	145	124	182
Smith, Perry E., Detroit, Mich. Fence-post.	838,593	Dec. 18	2626	566	125	2092
Smith, Persifor F., Jr., Dennison, Ohio. Spreader-car.	818,127	Apr. 17	3144	676	121	2159
Smith, Philip. (See George and Smith.)						
Smith, Philip S., Philadelphia, Pa. Machine for applying laces and flies to paper boxes.	825,009	July 3	657	133-4	123	172
Smith Premier Typewriter Company. (See Barr, John H., assignor.)						
Smith Premier Typewriter Company. (See Briggs, Arthur J., assignor.)						
Smith, Prudence A., Pine Hill, N. Y. Dress-form.	839,431	Dec. 25	4263	912	125	2539
Smith, R. Tyne, Jr., et al. (See White, John M., assignor.)						
Smith, Reginald A. (See Dorman, Smith, and Baggs.)						
Smith, Reuben C., Nashville, Mich. Fodder-bundle binder.	817,011	Apr. 3	928	191	121	1565
Smith, Rexford M., et al. (See Luckett, John P., assignor.)						
Smith, Richard B., New York, N. Y. Shadow-clock.	813,836	Feb. 27	4634	1024-5	120	2642
Smith, Robert, Middletown, Ohio. Electric hammer.	831,482	Sept. 18	3164	669-70	124	851
Smith, Robert C., Oak Park, Ill. Mixing and measuring apparatus.	809,585	Jan. 9	1969	409	120	464
Smith, Robert C., Oak Park, Ill. Mixing and measuring apparatus.	831,247	Sept. 18	2710	571	124	735
Smith, Robert C., assignor to A. A. Carpenter, G. D. Clizbe, and A. Begg, Innisfail, North-West Territories, Canada. Washing-machine.	835,644	Nov. 13	1529	326	125	430
Smith, Russell G., assignor of one-half to Auto-Car Equipment Company, Buffalo, N. Y. Tire.	813,529	Feb. 27	4029	882	120	2512
Smith, Samuel W., Ansonia, Conn. Developing-receptacle for photographic films.	816,392	Mar. 27	4919	1045	121	1226
Smith, Sidney F., Freeport, and S. S. Sweet, New York, N. Y. Window-screen.	808,695	Jan. 2	137	32	120	32
Smith, Solomon P., Waterford, assignor to Fuel Saving Company, Utica, N. Y. Air-current governor.	830,459	Sept. 4	1128	236	124	278

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Smith & Sons Mfg. Co. (See Livengood, Winfield S., assignor.)						
Smith, Stephen, Jr. (See Mitchell and Smith.)						
Smith, Stephen C., Watontown, Pa. Blind-slat clipper	816,263	Mar. 27	4621	981	121	1163
Smith, Stephen T., Jr., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling-machine	832,217	Oct. 2	407	76	124	1311
Smith, Thaddeus S., assignor of one-half to F. W. Planner, Indianapolis, Ind. Mail-carrier	830,109	Sept. 4	396	81-2	124	98
Smith, Theodore E., Weehawken, N. J. Circulating apparatus for refining	829,356	Aug. 21	3375	712	123	2576
Smith, Theodore H., San Francisco, Cal. Air-compressor	828,522	Aug. 14	1681	354	123	2114
Smith, Thomas A., Salem, Ind. Coffin and casket lid	820,744	May 15	3459	742	122	890
Smith, Thomas A., Dunsmuir, Cal. Saw-handle	838,817	Dec. 18	3050	657	125	2196
Smith, Thomas B., Cynthiana, Ky. Body-protector	819,091	May 1	115	25	122	30
Smith, Thomas C. (See Muckle and Smith.)						
Smith, Thomas C. (See Muckle and Smith.) (Reissue.)						
Smith, Thomas C., Berkeley Springs, W. Va., assignor of one-half to W. A. Hicks, Hicksville, Tenn. Shears	827,577	July 31	5972	1239	123	1566
Smith, Thomas C., and W. A. Martin, Chicago, Ill. Photographic flash-light apparatus	814,243	Mar. 6	469	97-8	121	102
Smith, Thomas H. (See Campbell and Smith.)						
Smith, Thomas J. (See Haskell, Frank H., assignor.)						
Smith, Thomas P., Erdington, England. Paper-bag-making machine	820,071	May 8	2147	467-8	122	542
Smith, Thomas S., Watervliet, assignor of three-eighths to Beattie Machine Works, Cohoes, N. Y. Window-screen	837,350	Dec. 4	148	37	125	1392
Smith, Thomas W. W., Baltimore, Md. Piston-packing	828,143	Aug. 7	898	185	123	1892
Smith, Voorhees G., assignor of one-half to D. B. D. and G. D. Smeltzer, Iola, Kans. Drill-rod coupling	817,398	Apr. 10	1689	356	121	1789
Smith, Walter A., California, Iowa. Revetment	826,619	July 24	3976	823	123	1058
Smith-Warren Company. (See Smith, Henry C., assignor.)						
Smith, Watson R., Jackson, Mich. Cushion-spring	813,244	Feb. 20	3437	757	120	2323
Smith, Wellington E. (See Edick, Smith, and Risley.)						
Smith & Wesson. (See Neal, Elmer E., assignor.)						
Smith, Wilber H., Bar Harbor, Me. Vehicle-brake	817,678	Apr. 10	2216	473	121	1900
Smith, Willard C., assignor of one-half to F. G. Noyes, Coldwater, Mich. Tool for operating upon jar-covers	810,984	Jan. 30	4848	1009	120	1213
Smith, William, La Crescent, Minn. Stump-puller	808,879	Jan. 2	502	109	120	113
Smith, William, Springdale, Ark. Fruit-bleacher	837,423	Dec. 4	305	73	125	1432
Smith, William, assignor to American Myriograph Company, New York, N. Y. Paper-gage	836,055	Nov. 13	2250	481	125	604
Smith, William A. (See Acheson, Edward G., assignor.)						
Smith, William B., Chicago, Ill. Spring draft device	819,092	May 1	117	26	122	31
Smith, William E. (See Chamberlain, Blanchard, assignor.)						
Smith, William E. (See Smith, John C., assignor.)						
Smith, William F., Whitecross, Colo. Ore-slicer	832,091	Oct. 2	131	28	124	1244
Smith, William F., assignor of one-half to A. C. Jones, Jackson, Miss. Adding-machine	806,696	Jan. 2	138	32-3	120	32
Smith, William G. (See Bolin, Nils P., assignor.)						
Smith, William H., Morton, Pa. Cork-extractor	820,022	May 8	2028	445	122	515
Smith, William H., Morton, Pa. Attaching extractors to corks	820,072	May 8	2149	468	122	542
Smith, William H., Morton, Pa. Attaching extractors to corks	823,448	May 12	2445	515	122	2308
Smith, William H., Morton, Pa. Collapsible hat and cap	836,839	Nov. 27	3993	852	125	1123
Smith, William H., Purley, England. Receptacle	835,645	Nov. 13	1531	327	125	430
Smith, William H., Philadelphia, Pa. Composition of matter	837,351	Dec. 4	150	125	125	1392
Smith, William H., Buffalo, assignor to J. R. Keim, New York, N. Y. Reinforcing-tube	822,487	June 5	505	102	122	1826
Smith, William H., Oil City, Pa., assignor of one-half to J. T. Barnsdall, Buffalo, N. Y. Stuffing-box lock and rod-lubricator	826,808	July 24	4313	897	123	1144
Smith, William H., and W. K. Shultz, Allegheny Pa. Garment-stretcher	830,257	Sept. 4	722	146	124	183
Smith, William J., Brooklyn, N. Y. Mail-bag deliverer	833,643	Oct. 16	3304	702	124	2102
Smith, William L., Cookville, Tex. Carriage-top stop	824,679	June 26	4851	1034	122	2945
Smith, William M. (See Edwards and Smith.)						
Smith, William M., New Cumberland, W. Va. Multiple-stay hinge	820,995	Dec. 22	4048	861	122	1080
Smith, William M., Turtle Creek, Pa. Nut-lock	839,790	May 25	4997	1067	125	2718
Smith, William O., assignor of one-third to C. J. Sanner, Detroit, Mich. Railway-tie	833,851	Oct. 23	3744	796	124	2257
Smith, William R., assignor to Buffalo Leather Co., Buffalo, N. Y. Tumbling-drum	820,021	May 8	2026	444	122	514
Smith, William R., West Norwood, assignor to T. H. Pearse, London, England. Driver's brake-valve for compressed-air brakes	821,759	May 29	5576	1187	122	1474
Smith, William R., assignor of one-half to H. H. Hewitt, Buffalo, N. Y. Cushioned horseshoe	839,432	Dec. 25	4266	912	125	2540
Smith, William S., Berkeley, Cal. Bucket for impulse water-wheels	811,802	Feb. 6	505	113	120	1593
Smith, William S. II., Croydon, England. Wheel	819,942	May 8	1806	390	122	467
Smith, William T., Philadelphia, Pa. Woven fabric	824,448	June 26	4396	935	122	2844
Smith, William T., Philadelphia, Pa. Woven fabric	825,163	July 3	944	210	123	248
Smith, William W., Pittsburg, Pa. Puzzle	818,128	Apr. 17	3145	677	121	2160
Smith, William W., Edgeworth, Pa. Puzzle	826,902	July 24	4515	940	123	1193
Smith, William W., Trenton, N. J. Firearm	837,139	Nov. 27	4502	955	125	1244
Smithem, William P., Crystalrun, N. Y. Fastening device	815,561	Mar. 20	3170	666	121	797
Smithers, Richard, Nortonville, Kans. Hedge-trimming machine	814,483	Mar. 6	979	200-1	121	213
Smock, Jasper D., Terre Haute, Ind. Head-rest for beds	808,700	Jan. 2	148	35	120	35
Smock, Vira L., Maryville, Mo. Abdominal supporter	832,279	Oct. 2	529	100	124	1341
Smolley, Wayne, Brookville, Ind. Corn-harvesting-machine	834,767	Oct. 30	5767	1224-5	124	2805
Smouse, William J., Cedar Rapids, Iowa. Halter	817,135	Apr. 3	1151	238	121	1615
Smulders, Henricus P. A. J., Rotterdam, Netherlands. Disintegrator for suction-dredgers	832,345	Oct. 2	662	126	124	1371
Smurr, Samuel P., and J. F. Kamen, Chicago, Ill. Wire-cutting machine	825,942	July 17	2577	535-6	123	688
Smyth, John M., Plato, assignor of one-half to T. V. Ferrell, Somerset, Ky. Garden-rake	837,140	Nov. 27	4504	955	125	1244
Smyth, Lee F., Buffalo, N. Y. Assembler-slide brake	815,651	Mar. 20	3354	702	121	838
Smyth Manufacturing Company. (See Reynolds, John R., assignor.)						
Smyth Manufacturing Company. (See White, Samuel K., assignor.)						
Smyth, Milton B., Holton, Kans. Truss	808,697	Jan. 2	145	34	120	34
Smythe, Edwin H., assignor to Western Electric Company, Chicago, Ill. Winding-machine	817,883	Apr. 17	2659	578-9	121	2051
Smythe, Edwin H., assignor to Western Electric Company, Chicago, Ill. Alternating-current pole-changer circuit	835,870	Nov. 13	1938	410	125	529
Smythe, James N., and W. S. Ayres, Newark, Ohio. Wall construction	824,511	June 26	4529	960-1	122	2876
Smythe, Milton B., Holton, Kans. Vehicle-tire	839,218	Dec. 25	3852	828	125	2437
Snearer, Charles H., Cleveland, Ohio. Sash-fastener	815,483	Mar. 20	3023	631	121	766
Sneddon, James P., Barborton, Ohio, assignor to Stirling Consolidated Boiler Company, New York, N. Y. Header connection	813,245	Feb. 20	3439	758	120	2323
Sneddon, James P., Barborton, Ohio, assignor to Stirling Consolidated Boiler Company, New York, N. Y. Regulating the temperature of superheated steam	814,629	Mar. 6	1253	263	121	272

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Snedeker, James W., assignor to Page Woven Wire Fence Company, Adrian, Mich. Wire-fabric machine	823,193	June 12	1947	402-6	122	2202
Snedeker, James W., Adrian, Mich., assignor to J. W. Page. Wire tension and measuring device	839,219	Dec. 25	3854	828-9	125	2438
Snedeker, John D., <i>et al.</i> , executors. (See Doebler, Charles F., assignor.)	837,352	Dec. 4	150	37	125	1392
Snediker, George L., Woodstown, N. J. Wagon-jack	839,328	Dec. 25	4063	872	125	2490
Snee, John A. (See Snee, William, assignor.)						
Snee, William, assignor to J. A. Snee, West Elizabeth, Pa. Wave-propelled motor	839,328	Dec. 25	4063	872	125	2490
Snee, William, assignor to J. A. Snee, West Elizabeth, Pa. Apparatus for separating metals from ores	839,329	Dec. 25	4064	872	125	2490
Sneed, William A., Hillsboro, Md. Plumb-level	830,681	Sept. 11	1600	331	124	429
Snelgrove, Alexander, <i>et al.</i> (See Bellamy, Albert, assignor.)						
Snelgrove, James P., Atlanta, Ga. Door-fastener	823,300	June 12	2176	454	122	2251
Snell, Charles S., London, England. Sliding window for railway-carriages and the like	826,374	July 17	3402	705	123	891
Snell, Harry K. (See Vogel and Snell.)						
Snelling, John F. (See Owen and Snelling.)						
Snevely, James E., San Francisco, Cal. Feather duster	821,131	May 22	4320	919	122	1139
Snevely, James E., San Francisco, Cal. Feather duster	824,512	June 26	4531	961	122	2876
Snideman, Frank A. (See Johnston and Snideman.)						
Snigo, James J., Pittsburg, Pa. Ice-cream can	819,465	May 1	857	184	122	192
Snigo, John A., Pittsburg, Pa. Ice-cream freezer	816,887	Apr. 3	680	140	121	1509
Snigo, John A., Pittsburg, Pa. Lid-fastening means for receptacles	828,144	Aug. 7	899	185	123	1892
Snipes, Emmet. (See Greer, Limber R., assignor.)						
Snodgrass, Edmun D., Tillamook, Oreg. Holder for reeds for musical instruments	828,145	Aug. 7	901	185	123	1892
Snodgrass, James, Johannesburg, Transvaal. Means for precipitating gold and silver	835,329	Nov. 6	908	192-3	125	229
Snook, George, Ashland, Ohio. Excavating and loading apparatus	828,431	Aug. 14	1490	313-14	123	2065
Snover, Charles F., Saginaw, Mich. Chicken-brooder	835,871	Nov. 13	1940	410	125	530
Snow, Benjamin W., Syracuse, N. Y. Muller	825,010	July 3	665	134	123	174
Snow, Elmer J., Mahwah, assignor to American Brake Shoe & Foundry Company, Jersey City, N. J. Machine for forming brake-shoes	832,633	Oct. 9	1242	250-1	124	1552
Snow, George W., Holyoke, Mass. Railway-switch	830,427	May 8	2531	548	122	626
Snow, Gilbert B., Elgin, Ill. Windmill	819,943	May 8	1807	391	122	467
Snow, Jacob H., Indianapolis, Ind. Burglar-alarm	812,892	Feb. 20	2738	602-3	120	2172
Snow, Levi T., New Haven, Conn. Safety-razor	830,746	Sept. 11	1755	361	124	473
Snow and Petrelli Mfg. Co. (See Petrelli, Joseph, assignor.)						
Snow, William D., E. Carl, H. Coulston, and F. Phelps, assignors to Thomas Potter Sons and Company, Incorporated, Philadelphia, Pa. Apparatus for the manufacture of inlaid-floor covering	835,000	Nov. 6	241	52-4	125	63
Snow, William H., Brattleboro, Vt. Parallel bench-vise	816,508	Mar. 27	5141	1089	121	1273
Snow, William J., Vilonia, Ark. Lamp-chimney holder	814,566	Mar. 6	1133	236	121	246
Snowball, Joseph, assignor to National Fire Proofing Company, Pittsburg, Pa. Metal reinforcement for concrete beams or other concrete structures	826,375	July 17	3404	705	123	892
Snowden, Charles A., Beaver Dam, Wis. Vehicle-heater	825,427	July 10	1518	314	123	414
Snowden, George E., New Cumberland, W. Va. Downdraft-kiln	816,752	Apr. 3	390	89	121	1445
Snowhill, William W., Spotswood, assignor of one-half to L. Wolfson, New Brunswick, N. J. Lamp-bracket	823,000	June 12	1529	318	122	2110
Snyder, Albert R., and J. W. Potts, Haverford, assignors of one-third to O. B. Myers, Bryn Mawr, Pa. Automatic attaching curtain-fixture	833,557	Oct. 16	3121	663	124	2059
Snyder, Charles A., Powhatan Headquarters, Va. Ball-actuated registering mechanism	830,186	Sept. 4	560	115	124	142
Snyder, Charles L., Versailles, Mo. Steam-engine	837,429	Dec. 4	308	73-4	125	1433
Snyder, Charles O., New York, N. Y. Brake-rigging for self-propelled vehicles	824,215	June 26	3935	842-3	122	2750
Snyder, Charles O., New York, N. Y. Controlling mechanism for motor-vehicles	826,198	July 17	3072	636	123	811
Snyder, Charles O., New York, N. Y. Clutch	833,982	Oct. 23	4135	879	124	2349
Snyder, Dudley J., East Syracuse, N. Y. Rail-joint	831,807	Sept. 25	3831	803	124	1063
Snyder, Emmanuell H., Canton, Ohio. Drop mechanism for corn-planters	835,040	Nov. 6	327	70	125	84
Snyder, Frederick T. (See Wait and Snyder.)						
Snyder, Frederick T., Oak Park, Ill. Metallurgical process	814,810	Mar. 13	1636	343	121	416
Snyder, Frederick T., Oak Park, Ill. Treating wood for the extraction of turpentine	821,264	May 22	4564	970	122	1193
Snyder, Frederick T., Oak Park, Ill. Electric furnace	825,359	July 10	1340	282-3	123	367
Snyder, Frederick T., Oak Park, Ill. Treating ores	834,644	Oct. 30	5509	1169-70	124	2741
Snyder, Frederick T., Oak Park, assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator	817,399	Apr. 10	1691	356-7	121	1789
Snyder, Frederick T., Oak Park, assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator	823,302	June 12	2179	454-5	122	2252
Snyder, Frederick T., Oak Park, assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator	823,303	June 12	2184	455-6	122	2253
Snyder, Frederick T., Oak Park, assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator	823,304	June 12	2188	456-7	122	2254
Snyder, Frederick T., Oak Park, assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator	832,820	Oct. 9	1614	332	124	1640
Snyder, Frederick T., Kansas City, Mo., assignor, by mesne assignments, to International Separator Company, Chicago, Ill. Magnetic separator	823,301	June 12	2177	454	122	2251
Snyder, Henry L., deceased; M. M. C. Snyder, administratrix, Lancaster, Pa. Newspaper-file	828,067	Aug. 7	763	157	123	1859
Snyder, John A. L., Somis, Cal. Fountain-pen	808,880	Jan. 2	504	110	120	113
Snyder, John G., Altoona, assignor of two-fifths to J. W. Plank, Carlisle, Pa. Rail tie and fastening	826,376	July 17	3405	706	123	892
Snyder, John N., Flora, Ill. Truck	831,751	Sept. 25	3731	781	124	1037
Snyder, John S. and R. A., New Lexington, Pa. Wire-stretcher	813,837	Feb. 27	4635	1025	120	2642
Snyder Manufacturing Company, Homer P. (See Thrall, Harry I., assignor.)						
Snyder, Martha M. C., administratrix. (See Snyder, Henry L.)						
Snyder, Ross A. (See Snyder, John S. and R. A.)						
Snyder, William D. (See Betker and Snyder.)						
Snyder, Willoughby E., Nazareth, Pa. Cement-burning furnace	816,733	Apr. 3	392	90	121	1446
Snyers, Raymond, Brussels, Belgium. Combined system of transport by monorail and autocar	825,495	July 10	1668	348-9	123	451
Snypp, Charles E., Greta, La., assignor to Southern Cotton Oil Company, Jersey City, N. J. Electric scale for accurate lard-weighing	809,026	Jan. 2	793	171	120	175
Sober, Leslie M., assignor of one-half to J. A. Walsh, Oklahoma, Okla. Ter. Rail-joint	820,268	May 8	2533	548-9	122	627
Sober, Leslie M. and E. E. Brown; said Brown assignor to J. L. McCune, Oklahoma, Okla. Ter. Time check or recorder	820,894	May 15	2508	813-14	122	966
Sobers, Eugene F., Bethlehem, Pa. Wheel-tire	812,893	Feb. 20	2739	603	120	2172
Sobey, William, assignor to J. I. Case Plow Works, Racine, Wis. Cultivator	817,012	Apr. 3	929	192	121	1564
Sobey, William, assignor to J. I. Case Plow Works, Racine, Wis. Planter	836,471	Nov. 20	3120	662-3	125	868
Sobey, William, and C. E. Mohr, assignors to J. I. Case Plow Works, Racine, Wis. Clutch mechanism	837,003	Nov. 27	4226	899-900	125	1175

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Sobinski, Charles O., St. Louis, Mo. Air pump or compressor	829,441	Aug. 28	3561	751	123	2668
Soblik, Maximilian, Düsseldorf, Germany. Pneumatic type-writer	818,200	Apr. 17	3300	706	121	2193
Sobolewski, Otto C., Cincinnati, Ohio. Match-box	827,890	Aug. 7	386	82	123	1766
Sochurek, Frank, Sr., Milwaukee, Wis. Shipping-crate	809,854	Jan. 9	2483	516	120	580
"Société Anonyme d'Electricité et d'Automobiles Mors." (See Cahen, Emile D., assignor.)						
Société Anonyme de Broderie Automatique. (See Pittard, Frédéric, assignor.)						
Société Anonyme des Anciens Etablissements Panhard et Levassor. (See Krebs, Arthur, assignor.)						
Société Anonyme des Automobiles Ariés. (See Petiet, Charles M. J., assignor.)						
Société Anonyme des Pneumatiques Cuir "Samson." (See Gallien, Valery, assignor.)						
Société Anonyme des Procédés Maslin & Theryc. (See Maslin and Theryc, assignors.)						
Société Anonyme des Procédés Maslin & Theryc. (See Theryc and Maslin, assignors.)						
Société Anonyme l'Electrique. (See Ducasse, Henry, assignor.)						
Société Anonyme Matthey & Co. (See Clément, Charles, assignor.)						
Société des Inventions Jan Szczezanik & Cie. (See Szczezanik, Jan, assignor.)						
Société des Moteurs à Haute Tension. (See Castelnau, Marcellin, assignor.)						
Société du Photochrome. (See Frachebourg, Jean, assignor.)						
Société Electro Metallurgique Française. (See Héroult, Paul L. T., assignor.)						
Société Française de la Viscose. (See Olivier, Maurice G., assignor.)						
Société Générale du Laminage Annulaire. (See Masion, Alfred, assignor.)						
Société J. et A. Pavin de Lafarge. (See Girardot, Claude, assignor.)						
Society of Chemical Industry in Basle. (See Engi, Gadiant, assignor.)						
Society of Chemical Industry in Basle. (See Kroeber, Thilo, assignor.)						
Society of Chemical Industry in Basle. (See Kroeber, Thilo, assignor.) (Reissue.)						
Society of Chemical Industry in Basle. (See Kroeber and Jagerspacher, assignors.) (Reissue.)						
Society of Chemical Industry in Basle. (See Schedler, Arnold, assignor.)						
Sodeau, William H., assignor to W. G. Armstrong, Whitworth and Company, Limited, Newcastle-upon-Tyne, England. Means for increasing the work obtainable from a charge of compressed air	827,891	Aug. 7	387	82	123	1766
Sodeau, William H., assignor to W. G. Armstrong, Whitworth and Company, Limited, Newcastle-upon-Tyne, England. Means for increasing the work obtainable from a charge of compressed air	828,432	Aug. 14	1492	314	123	2066
Sodeau, William H., assignor to W. G. Armstrong, Whitworth & Company, Limited, Newcastle-upon-Tyne, England. Means for heating compressed gas	835,262	Nov. 6	776	162	125	196
Soden-Fraunhofen, Carl A. von, assignor to Daimler Motoren-gesellschaft, Untertürkheim, near Stuttgart, Germany. Starting device for explosion-motors	826,903	July 24	4518	940	123	1193
Soderberg, Josef, assignor of one-half to L. Unger, Iron Mountain, Mich. Pole-guard	825,683	July 10	2093	436	123	558
Soderling, August, Bodie, Cal. Apparatus for treatment of ores and tailings	822,398	June 5	327	67-8	122	1797
Soderquist, Carl O., and C. H. Fettel, Chicago, Ill. Weighing mechanism	830,682	Sept. 11	1601	331-2	124	429
Soderstrom, John A., Sac City, Iowa. Hand-power brick-machine	829,895	May 15	3815	814	122	968
Sohlberg, Edmond W., assignor of two-thirds to M. Lehman and J. L. Stiebel, Kansas City, Mo. Light-projecting apparatus	819,611	May 1	1116	247-8	122	251
Sohns, Albert. (See Carl and Sohns.)						
Soistmann, Adolph G., Philadelphia, Pa. Straining-hook for musical instruments	816,754	Apr. 3	395	90	121	1446
Solar Furnace and Power Co. (See Carter, Albert, assignor.)						
Solatinow, Joseph, assignor of one-half to F. Schmitter, Paterson, N. J. Bottle-lock	818,984	Apr. 24	4864	1044	121	2583
Soller, Eugen, Basel, and F. Hottinger, Berne, Switzerland. Change-speed gearing	815,386	Mar. 20	2846	591	121	726
Solley, John W. (See Downing, William H., assignor.)						
Söllhuber, Josef. (See Hübel and Söllhuber.)						
Solliday, Edward R., Trenton, N. J. Apparatus for reclaiming waste rubber	838,756	Dec. 18	2926	630-1	125	2165
Solliday, Horace F., Chicago, assignor of one-half to W. Cowan, Woodstock, Ill. Bread-making compound	828,251	Aug. 7	1090		123	1936
Sollers, Ernst, Cologne, Germany. Phonograph	832,703	Oct. 9	1380	278	124	1584
Solomon, Emmet G., Omaha, assignor of one-half to H. B. Shedd, Ashland, Nebr. Trailing fender	808,783	Jan. 2	328	70	120	73
Solomon, Leon L. (See Fay, Alpheus, assignor.)						
Solomon, Moses, et al. (See Jackson, Frank, assignor.)						
Solon, Henry J. (See Huxley, Charles E., assignor.)						
Solon, Thomas J. (See Kreiziger, Joseph, assignor.)						
Somers, Amos N., Sharon, Mass. Automatic mixer and distributor	811,749	Feb. 6	397	87	120	1573
Somers, James, San Juan, Cal. Forceps	828,146	Aug. 7	903	186	123	1893
Somers, Joseph. (See Sweet, Warren, assignor.)						
Somes, Walter F., Boston, Mass. Rotary-shaft packing	836,408	Nov. 20	2998	636	125	839
Sommer, Charles, Chicago, Ill. Window lifting and closing device	827,401	July 31	5540	1152	123	1462
Sommer, John J., North Attleboro, Mass. Automatically-adjustable bracelet, belt, &c.	837,004	Nov. 27	4229	900	125	1176
Sommer, John L., Newark, N. J. Bottle-opener	833,944	Oct. 23	3950	839	124	2310
Sommers, Frederick, Menomonee Falls, assignor of one-half to C. Malsch, Sussex, Wis. Bridle	830,019	Sept. 4	216	41	124	53
Sommerville, John R., Washington, D. C. Suspensory	816,888	Apr. 3	681	141	121	1510
Sonder, Herman J., Chicago, Ill. Toy house	828,904	Aug. 21	2436	517	123	2338
Sondergaard, Mads. (See Schallinger and Sondergaard.)						
Sonn, Anson L., Troy, N. Y. Brush	821,894	May 29	5830	1240	122	1530
Sonn, Emanuel J., Brooklyn, N. Y. Manufacturing rubber nipples and the like	821,066	May 22	4191	890	122	1111
Sonn, Raphael A., Atlanta, Ga. Sanitary appliance	826,377	July 17	3406	706	123	892
Sonnenberg, William, Winona, Minn. Magazine-firearm	837,141	Nov. 27	4505	956	125	1244
Sons, Ernest L., assignor to Bair-&Gazzam Manufacturing Company, Pittsburg, Pa. Icicle-machine	815,226	Mar. 13	2469	515	121	598
Sontag, John M., St. Charles, Ill. Incubator	820,323	May 8	2630	573	122	648
Soper, William B., Yonkers, N. Y. Leader-link	816,264	Mar. 27	4622	981	121	1164
Sorensen, Alfred C. B. (See Sorensen, Peter J. J. B. and A. C. B.)						
Sorensen, Andrine M., et al. (See Hall and Thomas, assignors.)						
Sørensen, Carl H. (See Jørgensen and Sørensen.)						
Sørensen, Henry, Copenhagen, Denmark. Device for extracting dust from carpets, furniture, &c.	835,118	Nov. 6	489	99	125	126
Sorensen, Otto A., New York, N. Y. Valve	820,610	May 15	3209	690	122	835
Sorensen, Peter, Brooklyn, N. Y. Wall or snap switch	835,084	July 3	789	165	123	212
Sorensen, Peter J. J. B. and A. C. B., Green Bay, Wis. Theodolite	839,433	Dec. 25	4267	913	125	2540
Sorensen, Severin N. (See Daws, Henry J., assignor.)						
Sorensen, James W., Grayling, Mich. Cab-runner	811,453	Jan. 30	5737	1201	120	1403
Sorensen, Nels A. (See Caldwell and Sorensen.)						
Sorenson, Ole, Fowler, Colo. Beet-cultivator	815,652	Mar. 20	3356	702	121	839
Sorg, Frederick W., Englewood, N. J. Cable-hanger	809,993	Jan. 16	2767	569	120	693
Sorg, Frederick W., Englewood, N. J. Electric-conductor union	823,484	June 12	2527	530	122	2326

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Sorg, Robert. (See Allen, Fred E., assignor.)						
Soseman, John D., Monroe, Wis. Means for splicing telegraph, telephone, and other poles.	826,124	July 17	2935	609	123	779
Soseman, Laban, Evans, Iowa. Churn.	835,568	Nov. 13	1375	295	125	391
Sosnoski, Michael, Kinde, Mich. Stove.	839,663	Dec. 25	4743	1013	125	2653
Soss, Joseph, New York, N. Y. Hinge.	809,027	Jan. 2	795	172	120	175
Soss, Joseph, New York, N. Y. Invisible hinge.	825,943	July 17	2580	536	123	689
Sothen, Rudolf von, Berlin, Germany. Type-writing machine.	824,597	June 26	4702	1000	122	2913
Soucek, Charles H., Lamont, Okla. Ter. Lister attachment.	817,812	Apr. 17	2510	537	121	2019
Souder, Jacob J., Washington, D. C. Threadless bolt and nut.	836,786	Nov. 27	3784	806	125	1069
Souders, David C. (See Winger, William D., assignor.)						
Soulas, Christophe, Jerusalem, Wanganui, New Zealand. Swing-bed for use on board ship.	815,127	Mar. 13	2266	474	121	549
Soulas, Christophe, Okato, New Zealand. Telescope.	818,055	Apr. 17	3000	648	121	2128
Soule, Charles M., Geelong, Victoria, Australia. Fish-scaler.	829,743	Aug. 28	4210	891	123	2826
Sourby, John R., and R. J. Riley, Zion City, Ill. Fly-trap.	821,965	May 29	5971	1272	122	1561
Sourwine, John D., Brazil, Ind. Surgical instrument.	833,759	Oct. 23	3519	751	124	2201
Sousa, Manuel J. (See Alley and Sousa.)						
South Bend Machine Mfg. Co. (See Brown, George, assignor.)						
South, Richard, assignor of one-half to M. Marks, Los Angeles, Cal. Oil-burning brick-kiln.	818,129	Apr. 17	3147	677	121	2160
South, William C., Berwyn, Pa. Color photography.	827,188	July 31	5137		123	1364
Southall, Robert H. (See Harrison and Southall.)						
Southam, Arthur D., New York, N. Y. Overfeed-stoker.	820,528	May 15	3068	660-1	122	805
Southam, Arthur D., New York, N. Y. Electrically-operated fountain.	820,996	May 22	4049	861	122	1081
Southard, George L., Southard, Okla. Ter., assignor to Union Tank Line Company, Bayonne, N. J. Railway tank-car.	812,096	Feb. 6	1123	247	120	1717
Souther, Gordon, near Constance, Ky. Mail-deliverer.	831,306	Sept. 18	2841	601-2	124	770
Southern Bale Tie Company. (See Pence, Edward L., assignor.)						
Southern Cotton Oil Company. (See Snypp, Charles E., assignor.)						
Southern Novelty and Amusement Company <i>et al.</i> (See Mercer, Alfonso, assignor.)						
Southern Novelty and Amusement Company <i>et al.</i> (See Mercer, Alfonso, assignor.)						
Southey, Alfred W., London, England, and J. J. Megrian, New York, N. Y. Commingling-pump for carbonators.	833,257	Oct. 16	2506	523-4	124	1910
Southgate, Louis W. (See Gillette, King C., assignor.)						
Southwark Foundry & Machine Company. (See Petsche, Gustav B., assignor.)						
Southwick, Edward M., Worcester, assignor to G. A. Weld, Winchester, Mass. Buckle.	819,180	May 1	281	60	122	71
Southwick, James J., assignor of one-half to M. I. Goldstein, Great Falls, Mont. Gold washer and amalgamator.	836,148	Nov. 20	2475	520	125	712
Southwick, N. M. (See Blake, James E., assignor.)						
Southwick, William S. (See Stimpson and Southwick.)						
Southworth, Edward, Portland, Me. Machine for perforating paper.	824,044	June 19	3615	770	122	2621
Southworth, Harrison E., Chicago, Ill. Face-mask.	814,741	Mar. 13	1503	317-18	121	389
Southworth, Henry E., Colchester, assignor to Porter Screen Manufacturing Company, Burlington, Vt. Window and door screen.	815,484	Mar. 20	3024	631-2	121	766
Southworth, Henry E., Colchester, assignor to Porter Screen Manufacturing Company, Burlington, Vt. Window-screen.	821,384	May 22	4827	1025	122	1253
Southworth, Henry E., Colchester, assignor to Porter Screen Manufacturing Company, Burlington, Vt. Curtain-stretcher.	826,378	July 17	3408	706	123	893
Southworth, Horatio W., Mittineague, Mass. Motor-vehicle.	820,444	May 15	2874	626	122	760
Southworth, Richard, and J. E. Holden, Mimico, Canada. Floor-brick for downdraft-kilns.	818,308	Apr. 17	3516	754	121	2238
Sowerby, William, Indiana, Pa. Attachment for culinary vessels.	810,817	Jan. 23	4479	931	120	1089
Spacie, Thomas, Houston, Tex. Skate.	825,771	July 10	2268	471	123	599
Spadavecchia, Carmine, New York, N. Y. Window-refrigerator.	830,861	Sept. 11	1952	410	124	524
Spade, Henry E. (See Spade, Herbert O. and H. E.)						
Spade, Herbert O. and H. E., Vicksburg, Mich. Oil-feeding or charge-delivering device.	817,997	Apr. 17	2892	625	121	2107
Spade, Herbert O. and H. E., Vicksburg, Mich. Oil-feed device.	835,569	Nov. 13	1377	296	125	391
Spahn, Charles A., Newark, N. J. Dental tool.	831,307	Sept. 18	2845	602	124	771
Spain, William, Chicago, Ill. Can-heading machine.	828,865	Aug. 14	2335	497-8	123	2280
Spake, William H. (See Coleman, Lucius E., assignor.)						
Spalding, Clarence E., Madison, Wis. Clock.	832,928	Oct. 9	1838	380	124	1694
Spalding Manufacturing Company. (See Reach, Milton B., assignor.)						
Spalding, R. G. (See Long, George W., assignor.)						
Spamer, Richard F., Chicago, Ill., assignor to Consolidated Fire Alarm Company, New York, N. Y. Automatic circuit-controlling device.	828,687	Aug. 14	1993	420	123	2195
Spamer, Richard F., Chicago, Ill., assignor to Consolidated Fire Alarm Company, New York, N. Y. Alarm-system apparatus.	831,634	Sept. 25	3499	734	124	973
Spang, George A., Butler, Pa. Packer.	820,149	May 8	2300	502	122	575
Spang, Henry W., New York, assignor, by mesne assignments, to C. H. Ketcham, Yonkers, N. Y. Electric circuit and apparatus for railway signaling.	828,980	Aug. 21	2573	544-5	123	2372
Spangenberg, Brewster H., Germantown, Pa. Adjustable bracket.	811,335	Jan. 30	5529	1153	120	1360
Spangler, Charles W., Wooster, Ohio. Three-horse doubletree.	828,433	Aug. 14	1494	314-15	123	2066
Spangler, David E. (See Tartt, John J., assignor.)						
Spangler, Oscar M., Los Angeles, Cal. Plasterer's float.	830,683	Sept. 11	1607	332	124	431
Spanogle, Harry H., assignor of one-third to F. C. Keith, Altoona, Pa. Rivet-cutter.	820,073	May 8	2150	468	122	543
Sparkes, Jefferson O., <i>et al.</i> (See Gibson, Rowan, assignor.)						
Sparkman, William R., Jackson, Tenn. Coffin-pedestal.	827,578	July 31	5973	1239	123	1566
Sparks-Boothby Hydraulic Clutch. (See Sparks, George, assignor.)						
Sparks, George, Feltham, assignor to Sparks-Boothby Hydraulic Clutch, Limited, London, England. Hydraulic clutch.	829,549	Aug. 28	3807	808-10	123	2728
Sparks, Henry O., Shelby, Mo. Tilting hay-fork.	810,985	Jan. 30	4849	1009	120	1213
Sparks, John S., Bessemer, Ala. Cable-grip.	834,768	Oct. 30	5769	1225	124	2806
Sparks, Ralph J., assignor to M. R. Jenkins, Browning, Mo. Hay-stacker.	829,550	Aug. 28	3811	810	123	2729
Sparks, Thomas H., Wichita, Kans. Listed-corn cultivator.	819,612	May 1	1123	248-9	122	252
Sparks, William A., Zurich, Kans. Magazine.	810,310	Jan. 16	3451	713	120	837
Sparks, William A., Parkersburg, W. Va. Hoe.	825,772	July 10	2270	471	123	599
Sparks, Wm., <i>et al.</i> (See House, James N., assignor.)						
Sparre, Fin. (See Du Pont and Sparre.)						
Sparre, Fin, Wilmington, Del. Blank smokeless-powder cartridge.	812,156	Feb. 6	1268	278	120	1748
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive.	812,958	Feb. 20	2883		120	2204
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive.	812,959	Feb. 20	2885		120	2205
Sparrer, Henry. (See Murray, Junius C., assignor.)						
Spatz, John F., assignor of one-half to C. W. Griffin, Bonesteel, S. D. Chimney-top.	823,194	June 12	1955	407	122	2203

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Spaulding, Elijah F., Troy, assignor to R. F. Emmerich, Brooklyn, N. Y. Coin-controlled vending-machine.....	810,576	Jan. 23	4036	830-1	120	1002
Spaulding, Frank M., assignor to W. H. Hull, St. Joseph, Mich. Reversible propeller-wheel.....	817,728	Apr. 10	2320	499	121	1925
Spaulding, Llewellyn Q., Idagrove, Iowa. Cultivator.....	834,332	Oct. 30	4894	1036-7	124	2585
Spaulding, Waldo, East Pepperell, assignor to Vellumoid Paper Company, Worcester, Mass. Treating fabric to render it impervious.....	837,005	Nov. 27	4230	.....	125	1176
Spaul, Bernard A., and E. J. Hall, London, England. Portable scaffold.....	837,006	Nov. 27	4232	900	125	1176
Speaker, John C., Magnolia, Ohio. Fence-post.....	832,218	Oct. 2	410	76	124	1312
Speakman, Willard A., Wilmington, Del. Faucet.....	816,133	Mar. 27	4371	924	121	1110
Spear, Arthur, assignor to Mills Novelty Company, Chicago, Ill. Coin-operated vending-machine.....	836,346	Nov. 20	2873	610	125	810
Spear, Ellis, Jr. (See Fellows, Jerome B., assignor.).....						
Spear, Frank N., Los Angeles, Cal. Fine-fuel furnace.....	815,562	Mar. 20	3172	666	121	798
Spear, Frank R., Chicago, Ill. Brake-shoe.....	832,092	Oct. 2	132	28-9	124	1244
Spear, Furman D., Brooklyn, assignor to Arm-Spear Manufacturing Company, New York, N. Y. Signal-lamp.....	816,509	Mar. 27	5142	1089-90	121	1274
Spear, Lawrence Y., assignor to Electric Boat Company, Greenport, N. Y. Means for steering submarine and submergible boats.....	812,306	Feb. 13	1614	354-5	120	1894
Spear, Lawrence Y., assignor to Electric Boat Company, Greenport, N. Y. Means for preventing condensation in optical tubes.....	832,219	Oct. 2	411	77	124	1312
Spear, Lawrence Y., Quincy, Mass., assignor to Electric Boat Company, Bayonne, N. J. Duct-keel for submarine boats.....	821,895	May 29	5830	1240	122	1530
Spear, Lawrence Y., and T. S. Bailey, Quincy, Mass., assignors to Electric Boat Company, Bayonne, N. J. Automatic safety-depth-regulating valve for submarine or submergible boats.....	820,372	May 8	2723	593-4	122	669
Spear-Marshall Co. (See Hill, Elvin K., assignor.).....						
Spear-Murray Company. (See Coger and Marshall, assignors.).....						
Spear, Murray H., assignor to B. E. Burrowes, London, England. Apparatus for holding, turning, threading, and cutting pipes.....	813,530	Feb. 27	4031	883	120	2513
Spear, Murray H., assignor to B. E. Burrowes, London, England. Work-holding device for pipe-threading and like machines.....	836,613	Nov. 20	3383	721	125	931
Spear & söhne, I. W. (See Hahn, Paul, assignor.).....						
Spear, William B., Stewart, Ohio. Miter-box.....	828,252	Aug. 7	1091	229-30	123	1936
Spearbeck, Madison, Pine Grove, W. Va. Rope-clamp.....	837,142	Nov. 27	4512	956	125	1246
Spears, Henry H., Louisville, Ky. Machine for pressing concrete bricks.....	814,742	Mar. 13	1503	318	121	389
Spears, Mathew E., Neame, La. Logging-cart.....	808,881	Jan. 2	507	110	120	114
Special Products Company. (See Béhal, Auguste, assignor.).....						
Spedding, Ephraim H., Lowell, Mass. Loom-temple.....	837,746	Dec. 4	939	212	125	1588
Speed, James B. (See Isaacs and Speed.).....						
Speed, James B. (See Small and Speed.).....						
Speed, James B., Berkeley, assignor to Rifled Pipe Company, San Francisco, Cal. Fluid pipe-line.....	808,782	Jan. 2	327	70	120	72
Speed, Joshua, Grand Rapids, Mich. Shelf-support.....	814,811	Mar. 13	1640	343	121	417
Speer, Arthur R., Pittsburg, Pa. Partitioned packing-case.....	813,246	Feb. 20	3440	758	120	2323
Speer, Arthur R., Pittsburg, Pa. Packing-case.....	820,445	May 15	2880	626	122	762
Speer, Arthur R., Pittsburg, Pa. Metal packing-case.....	821,760	May 29	5579	1187-8	122	1474
Speer, Arthur R., Pittsburg, Pa. Partition structure.....	823,557	June 19	2698	571	122	2421
Speer, Arthur R., Pittsburg, Pa. Packing-case.....	827,124	July 31	4965	1036	123	1315
Speer, Arthur R., Pittsburg, Pa. Packing-case.....	828,579	Aug. 14	1790	378	123	2144
Speer, James R., assignor to Brownsville Glass Company, Pittsburg, Pa. Manufacturing glass.....	813,247	Feb. 20	3441	758	120	2323
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Manufacture of glass.....	812,894	Feb. 20	2741	603	120	2172
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Glass-drawing apparatus.....	813,248	Feb. 20	3443	758-9	120	2324
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Glass-drawing apparatus.....	824,750	July 3	98	19	123	29
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Manufacturing glass.....	828,147	Aug. 7	904	.....	123	1893
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Apparatus for manufacturing glass.....	839,220	Dec. 25	3856	829-30	125	2438
Speer, James R., Pittsburg, and H. A. Otto, Allegheny, Pa., assignors, by mesne assignments, to Mississippi Wire Glass Company, Jersey City, N. J. Glass-casting apparatus.....	813,675	Feb. 27	4305	917-8	120	2571
Speidel, John G. (See Lehrman, John, assignor.).....						
Speider, Josef, Budapest, Austria-Hungary. Door-register and alarm.....	838,660	Dec. 18	2761	591	125	2126
Speirs, Albert, New York, N. Y. Pipe-cover and ash-retainer.....	838,593	Dec. 18	2626	566	125	2093
Speirs, Albert, Atlantic Highlands, N. J., assignor to Albert Speirs Manufacturing Company, New York, N. Y. Package for pipe-cleaners.....	827,045	July 24	4777	997	123	1256
Speirs, Charles W., London, and J. Frith, Manchester, England. Brush-holder for dynamo-electric machines and the like.....	821,197	May 22	4441	945-6	122	1166
Speirs, James. (See Silvernail, Isaac, assignor.).....						
Speiser, William H., Washington, D. C. Broom-rack.....	838,473	Dec. 11	2394	519	125	1991
Spelman, James, assignor to John S. Metcalf Company, Chicago, Ill. Building-sheathing means.....	826,904	July 24	4519	941	123	1193
Spelman, Mark R., New York, N. Y. Sugar-cane mill.....	820,074	May 8	2151	469-70	122	543
Spelman, Mark R., New York, N. Y. Extracting saccharine matter from sugar-cane.....	838,818	Dec. 18	3051	658	125	2196
Spence, Aaron T., J. H. Prugh, and S. B. Zimmer, San Francisco, Cal. Surfacing and polishing machine.....	817,013	Apr. 3	933	192	121	1565
Spence, Charles H., St. Paul, Minn. Motor-boat.....	816,755	Apr. 3	396	90	121	1446
Spence, George H., Herbert, W. Va. Nut-lock.....	826,968	July 24	4622	963	123	1219
Spence, James W., Racine, Wis. Work-holder.....	812,960	Feb. 20	2886	637	120	2205
Spence, Kratoe C., et al. (See McCollum, Joseph C., assignor.).....						
Spencer, Benjamin F., Denver, Colo., assignor to Western Parent Crude Rubber Company, Santa Fe, N. Mex. Ter. Rubber-like gum.....	834,769	Oct. 30	5770	.....	124	2806
Spencer, Christopher M., Windsor, assignor to Universal Machine Screw Company, Hartford, Conn. Threading mechanism for automatic screw-machines.....	816,393	Mar. 27	4921	1045-6	121	1226
Spencer, Christopher M., Windsor, assignor to Universal Machine Screw Company, Hartford, Conn. Automatic screw-machine.....	816,510	Mar. 27	5144	1091-2	121	1274
Spencer, Cooper. (See Wheeler and Spencer.).....						
Spencer, Edward E., Jr., New York, N. Y. Embossing or creasing machine.....	823,305	June 12	2192	457	122	2255
Spencer, Edwin W., et al. (See Gaynor, John J., assignor.).....						
Spencer, Elmer J., Ludlow, Ky. Eccentric.....	825,428	July 10	1520	314	123	414
Spencer, Francis A., Orange, N. J. Clamp for circular and irregular shapes.....	830,110	Sept. 4	407	83	124	100

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Spencer, Frank F. (See Hinman and Spencer.)						
Spencer, George, Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Pressure-gage.	829,551	Aug. 28	3814	811	123	2730
Spencer, George, Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Pressure-gage.	829,552	Aug. 28	3815	811	123	2731
Spencer, George, Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Pressure-gage.	829,553	Aug. 28	3816	811	123	2731
Spencer, George F. (See Spencer, William H., assignor.)						
Spencer, George M., assignor of one-half to C. J. Grellner, St. Louis, Mo. Automatic reduction and quick-action triple valve.	815,227	Mar. 13	2473	516	121	599
Spencer, Gertrude, New York, N. Y. Dropper.	815,984	Mar. 27	4048	856	121	1038
Spencer, Guilford L., Washington, D. C. Apparatus for measuring and delivering liquids.	818,481	Apr. 24	3836	825	121	2360
Spencer, Henry E., <i>et al.</i> (See Sumner, William A., assignor.)						
Spencer, Ira H., Hartford, Conn., assignor to American Water Softener Company, Philadelphia, Pa. Rotary motor	809,637	Jan. 9	2089	433	120	490
Spencer, Ira H., assignor to Organ Power Company, Hartford, Conn. Blower for musical instruments.	835,570	Nov. 13	1380	296	125	393
Spencer, Israel H., St. Louis, Mo. Clutch.	812,694	Feb. 13	2350	514	120	2042
Spencer, John W., Newcastle-upon-Tyne, England. Manufacture of steel.	822,082	May 29	6187		122	1612
Spencer, Jonathan R., Los Angeles, Cal. Photographic-printing frame.	813,531	Feb. 27	4033	884	120	2513
Spencer, Julius A., Dwight, Ill. Baling-press.	819,319	May 1	574	122-3	122	132
Spencer Lens Company. (See Ott, Harvey N., assignor.)						
Spencer, Ralph L., Brooklyn, N. Y. Folding table for railway-cars.	830,187	Sept. 4	567	115-16	124	144
Spencer, Thomas W. (See Beckwith, Charles F., assignor.)						
Spencer, Verne H. (See White, Orris O., assignor.)						
Spencer, Warren A., Union Springs, N. Y. Metal body for threshing-machines.	833,644	Oct. 16	3306	703	124	2102
Spencer, William H., Brooklyn, N. Y., assignor to G. F. Spencer, Newark, N. J. Combined reflector and socket hood.	816,756	Apr. 3	397	91	121	1447
Spencer, William H., Brooklyn, N. Y., assignor to G. F. Spencer, Newark, N. J. Combined reflector and cluster-frame.	830,258	Sept. 4	723	146	124	183
Spencer, William H., Brooklyn, N. Y., assignor to G. F. Spencer, Newark, N. J. Reflector-shade.	832,280	Oct. 2	531	100-1	124	1342
Spengler, Charles C., Rockford, Ill. Change-maker.	817,530	Apr. 10	1957	413-15	121	1844
Spengler, Jacob, Great Falls, Mont. Hand-press.	818,796	Apr. 24	4518	965	121	2509
Sperling, Ellsworth, Longview, Tex. Crate or coop.	814,882	Mar. 13	1761	369	121	442
Sperry, Edwin A., assignor of one-third to W. G. Wilson, Denver, Colo. Ore-separator.	819,093	May 1	118	26	122	31
Sperry, Elmer A. (See Townsend, Clinton P., assignor.)						
Sperry, Elmer A., Cleveland, Ohio, assignor to Safety Car Heating & Lighting Company. Regulating apparatus.	833,760	Oct. 23	3522	752	124	2202
Sperry, Evelyn P., Oak Park, Ill. Mechanism for operating and securing windows.	823,195	June 12	1956	407	122	2204
Sperry, Evelyn P., Oak Park, Ill. Floor-support for buildings.	823,558	June 19	2700	571	122	2422
Sperry, Henry B., assignor of two-thirds to J. F. Townsend and H. Robinson, Akron, Ohio. Grate-bar.	810,986	Jan. 30	4851	1010	120	1214
Sperry, Herbert B., Springfield, Ohio, assignor to International Harvester Company, Hay-tedder.	814,244	Mar. 6	473	98	121	102
Sperry, Lewis. (See Broderick, David F., assignor.)						
Spery, Charles F., assignor to L. A. Weyburn, Rockford, Ill. Machine for rolling plow-shares.	826,695	July 24	4108	852-3	123	1092
Spung, Charles C., Huntspur, Mich. Animal-trap.	816,394	Mar. 27	4923	1046	121	1227
Spicer, Clarence W., Plainfield, N. J. Universal joint.	826,448	July 17	3539	737	123	926
Spicer, John R., Lovelady, Tex. Combination-tool.	810,987	Jan. 30	4852	1010	120	1214
Spiegel, Alexander S., Chicago, Ill. Display device.	829,492	Aug. 23	3681	777	123	2697
Spiegelmann, Charles, assignor to W. A. Force, New York, N. Y. Dating-machine.	837,514	Dec. 4	457	105	125	1470
Spies, Albert, Louisville, Ky. Railway-gate.	814,330	Mar. 6	669	134-5	121	146
Spies, Charles A., Menominee, Mich. Candle.	808,698	Jan. 2	146	34	120	34
Spies, Peter H. F., assignor to D. E. Aarons, L. M. Hanlon, and W. T. Lambert, New York, N. Y. Electric switch for street arc-lamps, &c.	810,357	Jan. 16	3549	730	120	858
Spieske, August A. C., Detroit, Mich. Match-safe.	832,882	Oct. 9	1751	361	124	1674
Spieske, Frederic O., Brooklyn, N. Y. Heat-storing compound.	811,750	Feb. 6	399		120	1574
Spilger, George, North Bend, Nebr. Gate.	832,428	Oct. 2	827	159	124	1411
Spillman, William H., and F. Fowler, St. Joseph, Mich. Whiffletree.	821,383	May 22	4826	1025	122	1253
Spillman, William H., and F. Fowler, St. Joseph, Mich. Metallic thill.	822,026	May 29	6078	1295	122	1586
Spinelli, John, Chelsea, Mass. Non-refillable bottle.	819,320	May 1	577	123	122	133
Spink, Arthur M., San Francisco, Cal. Fluid-pressure door opener and closer.	817,014	Apr. 3	935	193	121	1566
Spink, Arthur M., San Francisco, Cal. Mechanism for operating doors and other hinged closures.	837,591	Dec. 4	630	146	125	1511
Spink, Floyd G. (See Pitts, Tanner, and Spink.)						
Spinner, Charles, Blooming Prairie, Minn. Trap.	809,148	Jan. 2	1040	215	120	228
Spinney, Andrew G. (See Dyer and Spinney.)						
Spirell Company. (See Mallett, Francis W., assignor.)						
Spittall, John, assignor of one-half to A. McMillan, Winnipeg, Manitoba, Canada. Composition of matter.	832,755	Oct. 9	1484		124	1610
Spittle, Walter C., Olton, England. Waist-belt.	824,598	June 26	4705	1001	122	2914
Spitz, Samuel A., assignor of one-half to P. B. Gainer, David City, Nebr. Cultivator.	814,567	Mar. 6	1134	236-7	121	246
Spitz, Samuel A., assignor of one-half to P. B. Gainer, David City, Nebr. Draft-equalizer.	832,510	Oct. 2	978	195	124	1447
Spitzer, Anderson P. and C. E., Broadway, Va. Flour-reel attachment.	836,409	Nov. 20	3001	636	125	840
Spitzer, Charles E. (See Spitzer, Anderson P. and C. E.)						
Splitdorf, John, New York, N. Y. Induction-coil.	812,607	Feb. 13	2199	479	120	2013
Spittstoser, Ferdinand, North Branch, Minn. Poison-distributor.	817,813	Apr. 17	2511	538	121	2019
Spoden, John, Clyde, Wash. Plow attachment.	828,782	Aug. 14	2181	461	123	2242
Spoerl, Johann H., Düsseldorf, assignor to Moritz & Kummer, Berlin, Germany. Apparatus for cutting and folding toilet-papers.	839,521	Dec. 25	4457	950	125	2585
Spohd, Rudolph, Königsberg, Germany. Smoke-consuming apparatus for steam-boilers.	814,331	Mar. 6	671	135	121	147
Sponenburg, Hiram H., Wadsworth, Ill., assignor of one-half to E. Laas, Ottumwa, Iowa. Railway-rail stay.	816,265	Mar. 27	4623	981	121	1164
Sponenburg, Hiram H., Wadsworth, Ill., assignor of one-half to E. Laas, Ottumwa, Iowa. Railway-rail stay.	816,946	Apr. 3	806	165	121	1537
Sponenburg, Hiram H., Wadsworth, Ill., assignor of one-half to E. Laas, Ottumwa, Iowa. Railway-rail stay.	816,947	Apr. 3	808	166	121	1538
Sponenburg, Hiram H., Wadsworth, Ill., assignor of one-half to E. Laas, Ottumwa, Iowa. Railway-rail stay. (Reissue).	12,485	May 22	5246	1118	122	1343
Sponneck-Mayer, Angelica M. A., Kensington, London, England. Rotary engine.	823,449	June 12	2446	516-17	122	2308
Spool Cotton Company. (See Groel, Adam H., assignor.)						
Spoon, William L., Coble township, Alamance county, N. C. Garlic-separator.	824,957	July 3	558	111-12	123	149
Spooner, Allen N., New York, N. Y. Construction of piers and the like.	839,434	Dec. 25	4269	913-14	125	2541

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Spooner, Lee C., assignor to Peter Manufacturing Company, St. Louis, Mo. Vending-machine.....	814,332	Mar. 6	671	135-6	121	147
Spoor, William M. (See Genung and Spoor.)						
Spotless Steam Sponger Company. (See Bray, Albert, assignor.)						
Spotswood, Muscoe L. (See Weller and Spotswood.)						
Spotswood, Muscoe L., and T. A. Weller, Richmond, Va. Tobacco-pipe.....	821,836	May 29	5730	1220	122	1508
Sprado, Carl G., assignor to Allis-Chalmers Company, Milwaukee, Wis. Adjustable piston-rod and cross-head connection.....	815,312	Mar. 13	2638	552	121	633
Spragg, William P., Moberly, Mo. Shears.....	823,816	June 19	3176	672	122	2527
Sprague, Austin V. M., New York, N. Y. Treating surgical articles.....	819,383	May 1	711	151	122	162
Sprague Canning Machinery Company. (See Haight, James P., assignor.)						
Sprague Electric Company. (See Darlington, Philip J., assignor.)						
Sprague Electric Company. (See Libby, Sam H., assignor.)						
Sprague Electric Company. (See Mandelick, Charles E., assignor.)						
Sprague Electric Company. (See Sprague, Frank J., assignor.)						
Sprague, Frank E., Nashua, N. H. Hinge.....	829,236	Aug. 21	3122	657	123	2513
Sprague, Frank J., assignor to Sprague Electric Company. System of electrical control.	815,756	Mar. 20	3594	755-6	121	890
Sprague, Franklin S., and L. R. Robbins, Boston, Mass. Couch-bed.....	835,263	Nov. 6	778	163	125	196
Sprake, Edmund T., Plymouth, Pa. Automatic power-compression grease-cup.....	821,966	May 29	5973	1272	122	1561
Sprangel, Volney M., assignor of one-half to C. E. Castle, Wagoner, Ind. Ter. Magazine-firearm.....	818,570	Apr. 24	4039	866-7	121	2403
Spreyer, George S., Elkton, assignor of one-half to E. M. De La Vergne, Colorado Springs, Colo. Drill-sharpener.....	820,023	May 8	2029	445-6	122	515
Spriggs, Thomas, assignor of one-half to W. G. Greenbank, Little River, Kans. Hay-knife.....	836,541	Nov. 20	3259	694	125	902
Springer Bros. Manufacturing Company. (See Springer, Henry J., assignor.)						
Springer, Charles E., Chicago, Ill. Scaffold-nail.....	809,402	Jan. 9	1621	329	120	389
Springer, Charles E., Chicago, Ill. Corner-fastening.....	828,523	Aug. 14	1682	354	123	2115
Springer, Clarence P. (See McArthur and Springer.)						
Springer, George D., and F. Lister, South Knoxville, Tenn. Car-wheel.....	810,437	Jan. 23	3754	773	120	938
Springer, Henry, St. Louis, Mo. Vestibule-curtain hook.....	809,994	Jan. 16	2768	569	120	693
Springer, Henry J., assignor to Springer Bros. Manufacturing Company, Edwardsville, Ill. Potato-planter.....	812,695	Feb. 13	2352	515	120	2042
Springer, William N., assignor to Avery Manufacturing Company, Peoria, Ill. Vehicle-truck.....	810,091	Jan. 16	2987	622-3	120	741
Springer, William N., assignor to Avery Manufacturing Company, Peoria, Ill. Apparatus for molding threaded shafts.....	819,094	May 1	120	26	122	31
Springfield Furnace Company. (See Thompson, Ralph S., assignor.)						
Springman, Charles T., Detroit, Mich. Easel.....	821,132	May 22	4321	919	122	1139
Springman, Charles T., Detroit, Mich. Easel.....	836,840	Nov. 27	3879	827	125	1063
Sprink, Isaac W., assignor to J. R. Stauffer, Scottsdale, Pa. Hollow milling and burnishing tool.....	828,632	Aug. 14	1885	397	123	2168
Sproat, Josephus C., Grand Rapids, Mich. Machine for sharpening the calks of horse-shoes.....	831,114	Sept. 18	2468	521	124	676
Sprotte, Edward, St. Louis, Mo. Stringed musical instrument.....	826,379	July 17	3409	706-7	123	893
Spurge, Edward C., Niagara Falls, N. Y., assignor to Ozone Vanillin Company. Making vanillin, &c.....	829,300	Aug. 21	3260		123	2546
Spurgin, Robert, Chicago, Ill. Coin-wrapper.....	831,115	Sept. 18	2469	522	124	677
Spyster, Jacobus, Trompenburg, Netherlands. Automobile.....	822,784	June 5	1094	226	122	1968
Spyster, Jacobus, Trompenburg, near Amsterdam, Netherlands. Universal joint for transmission-gears.....	839,221	Dec. 25	3859	830	125	2439
Squier, George O. (See Crehore and Squier.)						
Squier, William, Denver, Colo. Door-holder.....	816,757	Apr. 3	400	91	121	1447
Squires, Charles E., and B. F. Sillman, Cleveland, Ohio. Steam-trap.....	819,321	May 1	578	123	122	133
Squires, Curtis A., and A. E. Humphrey, Lyndonville, Vt. Door-hanger.....	835,372	Nov. 6	993	211	125	251
Squires, Thomas, Mariposa township, Ontario, Canada. Automatic safety railway-crossing.....	809,028	Jan. 2	796	172	120	175
Ssiway, Paul, Kochma, Russia. Steam-boiler.....	835,872	Nov. 13	1942	410-11	125	530
St. Clair, Augustus A., Indianapolis, Ind. Air-brake apparatus.....	812,697	Feb. 13	2361	517	120	2044
St. Clair, Moffat, Fort Wayne, Ind. Electrical brush-holder.....	811,673	Feb. 6	272	60	120	1545
St. Clair, William L., Salt Lake City, Utah. Machine for making and re-pressing bricks.....	830,111	Sept. 4	408	83-4	124	100
St. Hoor, Samuel S., assignor of one-half to W. S. and M. H. Clagett, Kansas City, Mo. Combined heating and illuminating device.....	811,591	Feb. 6	112	24	120	1510
St. John, Solan C. (See Halpin, William J., assignor.)						
St. Laurent, Aimé A. (See Cassidy and St. Laurent.)						
St. Laurent, Aimé A. (See Perkins and St. Laurent.)						
St. Louis Car Company. (See Meinhard, Theodore P., assignor.)						
St. Louis Car Company. (See Roediger, Jacob, assignor.)						
St. Louis Car Company. (See Vogel, Henry F., assignor.)						
St. Louis Car Company. (See Witte, Hubert, assignor.)						
St. Louis Car Roof Company. (See Link, Oliver, assignor.)						
St. Louis Steel Enameled Brick and Seal Company. (See Brown, Lewis A., assignor.)						
St. Peter, Napoleon, Jr., assignor of two-thirds to D. King, Fairfield, and J. Cariveau, Waterville, Me. Street-cleaning apparatus.....	810,362	Jan. 16	3560	732-3	120	862
Staab, Herman G., Milwaukee, Wis. Railway-tie.....	826,905	July 24	4520	941	123	1194
Staaf, Werner I., assignor to Pittsburgh Gage and Supply Company, Pittsburg, Pa. Valve.....	828,981	Aug. 21	2579	545	123	2373
Staahlgren, Karl A. A., New York, N. Y., assignor to Engineering and Development Company of New York. Rotary engine.....	817,814	Apr. 17	2513	538	121	2020
Staats, William H., Cohoes, N. Y. Pneumatic or elastic spring for vehicles.....	816,687	Apr. 3	284	66	121	1423
Stabell, Haivdan. (See Poor and Stabell.)						
Stacey, J. H., et al. (See Latimer, Samuel A., assignor.)						
Stacey, John W., Dallas, Tex. Convertible mixing and cleaning machine.....	832,429	Oct. 2	828	159	124	1411
Stacey, K. E. (See Del Guerra, Oreste, assignor.)						
Stack, Bartholomew M., and J. F. Burns, Chicago, Ill. Electric railway.....	827,189	July 31	5138	1067	123	1364
Stack, Frederic W., New York, N. Y. Coin-card.....	823,817	June 19	3177	672	122	2527
Stackhouse, John. (See Brining and Stackhouse.)						
Stacks, Howard R., assignor to Geo. V. Cresson Co., Philadelphia, Pa. Change-speed gearing.....	813,461	Feb. 27	3885	851	120	2477
Stacks, Howard R., assignor to Geo. V. Cresson Co., Philadelphia, Pa. Friction-clutch.....	835,373	Nov. 6	994	212	125	252
Stacy, George, Perth, Western Australia, Australia. Voting-machine.....	823,899	June 19	3337	711	122	2563
Stacy, William H., et al. (See Roberts, Charles L., assignor.)						
Stadelman, George M., Akron, Ohio. Vehicle-tire.....	813,676	Feb. 27	4306	948	120	2571
Städler, Otto, Gehrden, Germany. Stethoscope.....	814,923	Mar. 13	1825	383	121	456
Stadtmüller, Max F., Pomeroy, Iowa. Combined churn and butter-worker.....	838,661	Dec. 18	2763	592	125	2126

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'E.	Vol.	Page.
Staebli, Edward, Chicago, Ill. Stem winding and setting mechanism for watches.....	833,489	Oct. 16	2998	636	124	2030
Staff, Peter N. (See Gunckel, Winfield O., assignor.)						
Staff, Peter N., Terre Haute, Ind. Vehicle-top.....	828,580	Aug. 14	1791	378	123	2145
Stafford, Frederick A., Chariton, Iowa. Lightning-arrester.....	808,882	Jan. 2	508	110	120	114
Stafford, Nelson, Brooklyn, assignor to N. Stafford Company, New York, N. Y. Badge.....	821,547	May 22	5136	1096	122	1318
Stafford, Terry, Topeka, Kans. Transmission-gearing.....	830,460	Sept. 4	1129	237	124	279
Stafford, Terry, Topeka, Kans., assignor of one-half to Smith Automobile Company. Vehicle-brake.....	839,222	Dec. 25	3860	830	125	2439
Stafford, Walter, and R. C. Holt, Little Falls, N. Y. Rack-stitch rib-knitting machine.....	823,818	June 19	3178	672-3	122	2528
Stagg, Thomas D., Selby, England. Wheel for vehicles.....	831,308	Sept. 18	2847	603	124	771
Stagg, Thomas H., assignor to Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Making scraper-bowls.....	814,568	Mar. 6	1136	237	121	247
Stagg, Thomas H., assignor to Kilbourne and Jacobs Manufacturing Company, Columbus, Ohio. Dumping-car.....	820,024	May 8	2032	446	122	515
Stahl, Albert J., Laporte, Ind. Indicating-valve.....	828,434	Aug. 14	1496	315	123	2067
Stahl, Frederick A. (See Schork and Stahl.)						
Stahl, George, assignor of one-half to W. P. and J. I. Coffman, Dayton, Ohio. Paging-machine.....	810,577	Jan. 23	4042	831	120	1003
Stahl, George, assignor of two-thirds to W. P. and J. I. Coffman, Dayton, Ohio. Friction-clutch.....	820,446	May 15	2882	626-7	122	762
Stahl, George W., <i>et al.</i> (See Anderson, Lars, assignor.)						
Stahl, James B. (See Ames, Addison H., assignor.)						
Stahl, Karl M., New York, N. Y. Car-fender.....	835,571	Nov. 13	1382	296-7	125	393
Stahl, Max, Chicago, Ill., assignor to C. H. Loew, Lakewood, Ohio. Circulating system for beer-filters.....	812,243	Feb. 13	1478	323	120	1861
Stahle, Jacob A., Ogden, Utah. Pencil.....	823,705	June 19	2968	628	122	2482
Stahle, Jacob A., Ogden, Utah. Pencil.....	823,706	June 19	2970	629	122	2482
Stahlhuth, Ernst H. W., Columbus, Ind. Automatic door-sign.....	828,068	Aug. 7	764	157	123	1859
Stahmer, Louis A., Oak Park, Ill. Time feeding device.....	817,884	Apr. 17	2662	579	121	2052
Stahr, John A. (See Liebau, Gustav H., assignor.)						
Staib, Gustav, New York, N. Y. Store-service apparatus.....	810,092	Jan. 16	2989	623	120	742
Staib, Gustav, New York, N. Y. Carrier for packages and the like.....	839,081	Dec. 18	3532	764	125	2314
Staib, Henry, Ozone Park, N. Y. Window frame and sash.....	822,785	June 5	1095	226	122	1968
Stakelbeck, Herman F., Philadelphia, Pa. Electric hand-lamp.....	817,346	Apr. 10	1579	333	121	1765
Staley, Harrison L., assignor to Old Hickory Chair Company, Martinsville, Ind. Machine for shaping chair-legs for rockers.....	812,461	Feb. 13	1893	417-18	120	1952
Stalker, Daniel B., Hot Springs, Ark., assignor of one-half to A. S. Koyer, Los Angeles, Cal. Rotary engine.....	809,149	Jan. 2	1041	215-16	120	228
Stalker, Neil, West Hartford, Conn. Cheek-piece for bridle-bits.....	816,615	Apr. 3	152	31	121	1395
Stalker, Neil, West Hartford, Conn. Veterinary appliance.....	832,704	Oct. 9	1381	279	124	1585
Stall, Walter T., assignor to himself and C. H. Dean, Brockton, Mass. Catcher's glove or mitt.....	832,430	Oct. 2	829	160	124	1412
Stallman, Granville H., Philadelphia, Pa. Piston.....	811,255	Jan. 30	5379	1122	120	1328
Stambaugh, Francis M. (See Adreon and Stambaugh.)						
Stambaugh, Francis M., assignor to American Brake Company, St. Louis, Mo. Vise.....	809,271	Jan. 2	1324	269	120	291
Stambaugh, Francis M., assignor to American Brake Company, St. Louis, Mo. Machine for cutting gear-wheels.....	811,336	Jan. 30	5530	1153-4	120	1360
Stambaugh, Francis M., assignor to American Brake Company, St. Louis, Mo. Gearing.....	811,751	Feb. 6	401	87	120	1574
Stambaugh, Francis M., assignor to American Brake Company, St. Louis, Mo. Drill-press.....	824,829	July 3	305	56-7	123	84
Stambaugh, Samuel R., Chattanooga, Tenn. Rocker.....	826,380	July 17	3411	707	123	893
Stamey, De Keller, New York, N. Y. Combination ash shovel and sifter.....	832,634	Oct. 9	1244	251	124	1553
Stanbro, Dono D., Lamar, Mo. Baling-press.....	812,696	Feb. 13	2354	515-17	120	2043
Standard Adding Machine Company. (See Hinchman, George N., assignor.)						
Standard Adding Machine Company. (See Hinchman and Schroeder, assignors.)						
Standard, Allie L., Tuscola, Tex. Water-cycle.....	837,973	Dec. 11	1383	301	125	1740
Standard Audit Company. (See Frank, Robert J., assignor.)						
Standard Automatic Lubricator Company. (See Baird and Durkin, assignors.)						
Standard Bottle Company. (See Brock, Peter A., assignor.)						
Standard Candy Machine Company. (See Igou, Dennis T., assignor.)						
Standard Dry Kiln Company. (See Hussey, William P., assignor.)						
Standard Elevator Interlock Company. (See Mucklé, John S., assignor.)						
Standard Equipment Company. (See Allen, William W., assignor.)						
Standard Finance Company <i>et al.</i> (See Free, John W., assignor.)						
Standard Game and Toy Company. (See Griswold, George W., assignor.)						
Standard Gas Engine Company. (See Mohrdieck, Peter, assignor.)						
Standard Gas & Heating Company. (See Akeson, Anders, assignor.)						
Standard Horse Nail Company. (See Pierce, Erastus E., assignor.)						
Standard Labeling Machine Company. (See Muslar, Nelson, assignor.)						
Standard Oiled Clothing Company. (See Lorsch, Gideon D., assignor.)						
Standard Optical Company. (See McKee and Otfedahl, assignors.)						
Standard Optical Company. (See Van Tassel, John R., assignor.)						
Standard Paint Company. (See Abraham, Herbert, assignor.)						
Standard Pressed Steel Company. (See Hallowell, Howard T., assignor.)						
Standard Pulley Manufacturing Company. (See Fischer, William C., assignor.)						
Standard Scale and Foundry Company. (See Tyrrell, Nathan E., assignor.)						
Standard Screw Company. (See Pearson, Walter B., assignor.)						
Standard Screw Company. (See Pearson and Roberts, assignors.)						
Standard Sewing Machine Company. (See Bouton, Arthur A., assignor.)						
Standard Sewing Machine Company. (See Diehl, Jacob, assignor.)						
Standard Steam Specialty Company. (See Kjerner, Ragnar L., assignor.)						
Standard Steel Car Company. (See Christianson, Andrew, assignor.)						
Standard Steel Car Company. (See Stucki, Arnold, assignor.)						
Standard Stopper Company. (See Hall, Robert A., assignor.)						
Standard Stopper Company. (See Mueller, Felix, assignor.)						
Standard Turpentine Manufacturing Co. (See Copilovich, Henry, assignor.)						
Standing, William A., Sharpsburg, Pa. Sectional compound heating-stove.....	831,573	Sept. 25	3362	706	124	937
Standley, William F. (See Hielscher and Standley.)						
Stanford, George W., and L. F. Smith, Groveton, Tex. Eccentric-cylinder rotary engine.....	830,461	Sept. 4	1132	237	124	279
Stanford, Robert, and P. R. Colpitt, Halifax, Canada. Signal.....	809,029	Jan. 2	798	172	120	176
Stange, Herman, Cincinnati, Ohio. Warming-kettle.....	810,229	Jan. 16	3278	679	120	799
Stange, Louis, Aix-la-Chapelle, Germany. Apparatus for concentrating sulfuric acid.....	837,592	Dec. 4	632	146	125	1511
Stangel, Martin, Hales Corners, and C. Molitor, South Milwaukee, Wis. Wagon-seat support.....	836,542	Nov. 20	3261	694	125	903
Staninger, Ezra E., Chicago, Ill. Cuff-button.....	836,900	Nov. 27	3994	852	125	1124

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Stanley, Albert M., Wellington, Kans. Cigar-vending machine.....	821,761	May 29	5581	1188	122	1475
Stanley, Edward, Norristown, Pa. Paper-bag machine.....	830,239	Sept. 4	725	146-51	124	183
Stanley Electric Manufacturing Company. (See Acly, Harry M., assignor.)						
Stanley Electric Manufacturing Company. (See Andrews, Leonard, assignor.)						
Stanley Electric Manufacturing Company. (See Déri, Max, assignor.)						
Stanley Electric Manufacturing Company. (See Laird, Wesley E., assignor.)						
Stanley Electric Manufacturing Company. (See Lloyd, William J., assignor.)						
Stanley Electric Manufacturing Company. (See Wilson, Leonard, assignor.)						
Stanley Electric Manufacturing Company. (See Wright, Gilbert, assignor.)						
Stanley, Ethelbert A., and J. E. Anger, Preston, England. Tram-car and other like vehicle.	812,097	Feb. 6	1131	247-8	120	1719
Stanley, Frank E., and J. L. Gillmore, Bellingham, Wash. Convertible car.....	813,249	Feb. 20	3447	760	120	2324
Stanley G. I. Electric Manufacturing Company. (See Andrews, Leonard, assignor.)						
Stanley G. I. Electric Manufacturing Company. (See Kelsey, Charles A., assignor.)						
Stanley G. I. Electric Mfg. Co. (See Wilson, Leonard, assignor.)						
Stanley, George C., Belle Vernon, Pa. Agricultural implement.....	828,148	Aug. 7	906	186	123	1893
Stanley, George P., Dixfield, assignor to O. H. Hersey, trustee, Portland, Me. Cutter for cutting toothpicks from veneer strips.....	812,895	Feb. 20	2743	604	120	2173
Stanley, Henry C., New York, N. Y. Closure for garments.....	829,237	Aug. 21	3124	657	123	2513
Stanley Instrument Company. (See Gough, Edgar W., assignor.)						
Stanley, Int., assignor to Lovington Manufacturing Company, Lovington, Ill. Hanger.	825,773	July 10	2271	471	123	600
Stanley, Irving, New York, N. Y. Dough or bread mixer.....	817,400	Apr. 10	1693	357	121	1790
Stanley, Irving, New York, assignor to P. L. Wells, Brooklyn, N. Y. Folding furniture.....	835,374	Nov. 6	997	213	125	252
Stanley, James W., Ottawa, Ontario, Canada. Vehicle-axle.....	833,558	Oct. 16	3122	663	124	2060
Stanley, Merritt F., Northville, Mich. Piano-bench.....	831,574	Sept. 25	3363	706	124	937
Stanley, Robert, Melbourne, Victoria, Australia. Automatic safety alarm apparatus for railway-crossings.....	839,664	Dec. 25	4744	1014	125	2653
Stanley Rule & Level Company. (See Bartholomew, Joseph P., assignor.)						
Stanley Rule & Level Company. (See Richards, Hubert P., assignor.)						
Stanley Rule & Level Company. (See Schade, Edmund A., assignor.)						
Stanley Rule and Level Company. (See Smith, Lewis D., assignor.)						
Stanley Rule & Level Company. (See Traut, Justus A., assignor.)						
Stanley, William, Great Barrington, Mass. Electric meter.....	809,995	Jan. 16	2769	569-70	120	693
Stanley, William, Great Barrington, Mass. Electrical generator.....	816,192	Mar. 27	4483	950	121	1153
Stanley, William, Great Barrington, Mass. Means and method of transmitting power.....	817,998	Apr. 17	2894	625	121	2107
Stanley, William, Great Barrington, Mass. Means for transmitting power by electric currents.....	818,715	Apr. 24	4342	931	121	2470
Stanley, William, Great Barrington, Mass. Transmitting power by electric currents.....	819,028	Apr. 24	4950	1062-3	121	2603
Stanley, William, Great Barrington, Mass. Dynamo-electric apparatus.....	821,837	May 29	5731	1221	122	1508
Stanley, William, Great Barrington, Mass. Generating alternating currents.....	821,838	May 29	5733	1221	122	1509
Stanley, William, Great Barrington, Mass. Dynamo-electric machine.....	822,697	June 5	943	192-3	122	1937
Stanley, William, Great Barrington, Mass. Dynamo-electric machine.....	838,144	Dec. 11	1757	377	125	1836
Stanley, William, Chicago, Ill. Weedless fish-hook.....	832,929	Oct. 9	1839	380	124	1694
Stansbury, Joseph A., Los Angeles, Cal. Apparatus for truing grinding-disks.....	819,384	May 1	712	151	122	162
Stansbury, Mervyn L., Highwood, N. J. Garment-hanger.....	828,435	Aug. 14	1498	315	123	2067
Stanton, Harry T., Tuxedo Park, St. Louis county, Mo. Fishing cork or float.....	829,608	Aug. 28	3931	832	123	2759
Stanton, Joseph W., West Springfield, Mass. Machine for sorting and grading tobacco-leaves.....	824,751	July 3	99	20	123	29
Stanton, William R., J. W. Knights, and W. Drake, Cambridge, England. Making concrete slabs or blocks and apparatus therefor.....	826,381	July 17	3413	707-8	123	894
Staples, Albert F., Dorchester, assignor of one-half to C. W. Potter, Waltham, Mass. Sales-book.....	835,041	Nov. 6	328	70	125	84
Staples, Albert F., Dorchester, and C. W. Potter, Waltham, Mass. Account-register.....	830,936	Sept. 11	2080	439-40	124	552
Staples, David H., Waterville, Me., assignor to G. W. Watson, trustee, Boston, Mass. Strainer-cleaning device.....	836,056	Nov. 13	2252	482	125	605
Staples, Elial M. (See Morris and Staples.)						
Staples & Hanford Company. (See Staples, John A., assignor.)						
Staples, James A., Marlboro, N. Y. Cultivator attachment.....	828,783	Aug. 14	2182	461	123	2242
Staples, John A., Newburgh, N. Y. Bending-tool.....	834,941	Nov. 6	123	25	125	35
Staples, John A., assignor to Staples & Hanford Company, Newburgh, N. Y. Springwork.	813,923	Feb. 27	4796	1059	120	2676
Staples, John A., assignor to Staples & Hanford Company, Newburgh, N. Y. Springwork.	813,924	Feb. 27	4799	1059	120	2676
Staples, Joseph, Chicago, Ill. Clamp for conduits.....	814,092	Mar. 6	183	37	121	40
Staples, Stoddell S. (See Horst, Samuel W., assignor.)						
Staples, Sydney F., et al. (See Bishop and Down, assignors.)						
Staples, William. (See Hanes and Staples.)						
Stapleton, William J., Detroit, Mich. Siphon-bottle filler.....	835,001	Nov. 6	246	54	125	65
Stapley, William S., assignor to Bridgeport Brass Company, Bridgeport, Conn. Canister-top.....	827,821	Aug. 7	262	53	123	1736
Stapley, William S., assignor to Bridgeport Brass Company, Bridgeport, Conn. Canister-top.....	827,822	Aug. 7	263	54	123	1736
Stapley, William S., assignor to Bridgeport Brass Company, Bridgeport, Conn. Nipple connection and valve-opener.....	838,219	Dec. 11	1902	408	125	1872
Stapp, George, and N. K. Robertson, Sidney, Tex. Cover for planters.....	836,901	Nov. 27	3995	853	125	1124
Stapp, Milo R., Aberdeen, Wash. Razor-holder.....	837,748	Dec. 4	942	213	125	1588
Star Brass Manufacturing Co. (See Fernald, Charles F., assignor.)						
Star Cement Block Machine Company. (See Yeocum and Cramberg, assignors.)						
Star Pin Company. (See Barber, George E., assignor.)						
Starbird, Edwin P., Victorville, Cal. Apparatus for separating liquids from solids.....	830,684	Sept. 11	1608	332-3	124	431
Starcke, Hans, Elberfeld, Germany. Apparatus for recording telephonic messages or sounds.....	825,496	July 10	1671	349	123	451
Stare, Frederick A., Frankfort, Ind. Cement-block machine.....	830,620	Sept. 11	1472	305	124	395
Stark, Alexander M., assignor to Stark Electrical System Limited, Toronto, Canada. Communicating electric system.....	819,095	May 1	122	26	122	32
Stark, Charles M. (See Brock, Clarence R., assignor.)						
Stark, Charles W., Mountain Lake, Minn. Latch for wagon end-gates.....	810,683	Jan. 23	4228	875-6	120	1045
Stark, Charles W., Mountain Lake, Minn. Grass-grubber.....	836,284	Nov. 20	2756	585-6	125	784
Stark Electrical System. (See Stark, Alexander M., assignor.)						
Stark, Harold M., Fort Wayne, Ind. Device for straightening and leveling rails.....	815,757	Mar. 20	3602	756	121	892
Stark, Oly, Hardin, Mo. Land-scraper.....	817,999	Apr. 17	2898	625-6	121	2108
Starkey, Martin J., and G. H. Haflich, Montpelier, Ind. Coupling for surface rod-lines.....	833,349	Oct. 16	2694	567	124	1960
Starnes, Green R., Charlotte, N. C. Dumping-wagon.....	830,684	Jan. 23	4230	876	120	1045
Starr, Fred, San Francisco, Cal. Wave-motor.....	817,347	Apr. 10	1580	333-4	121	1766
Starr, George L., Otego, N. Y. Fluid-pressure brake.....	827,823	Aug. 7	265	54	123	1737
Starr, Hillyard A., assignor to Chattanooga Implement and Manufacturing Company, East Chattanooga, Tenn. Baling-press.....	835,646	Nov. 13	1533	327-8	125	431
Starr, Hyman, New York, N. Y. Neck and front piece for sweaters.....	837,143	Nov. 27	4514	957	125	1246

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Starr, Hyman, New York, N. Y., and F. L. Nichols, Stamford, Conn.; said Nichols assignor to said Starr. Machine for sewing looped fabrics.....	809,855	Jan. 9	2485	517	120	580
Starr, John E., New York, N. Y. Means for pumping liquids.....	814,883	Mar. 13	1763	369	121	443
Starrett, Aaron E., Kellogg, Iowa. Adjustable stock-chute.....	818,571	Apr. 24	4042	867	121	2403
Starrett, Danville W., Oakland, Cal. Liquid-impelling apparatus.....	821,677	May 29	5409	1152	122	1434
Starrett, Laroy S. (See Baltzer and Starrett.)						
Starrett, Laroy S., Athol, Mass. Plumb-bob.....	833,699	Oct. 16	3408	726	124	2126
Starrett, Laroy S., assignor to L. S. Starrett Co., Athol, Mass. Screw-holding screw-driver.	815,758	Mar. 20	3603	756	121	892
Starrett, Laroy S., and J. A. Adell, assignors to L. S. Starrett Company, Athol, Mass. Quick-adjusting micrometer.....	809,272	Jan. 2	1325	269	120	292
Stasch, Emil R., Corning, N. Y. Tube-corrugating machine.....	832,001	Sept. 25	4234	885	124	1163
Stassart, Lola O., assignor of two-thirds to O. W. Mielke, Portland, Oreg. Envelope-sealer.....	810,093	Jan. 16	2992	623	120	743
Staten, Claude S., Dallas, Tex. Shade and curtain fixture.....	821,133	May 22	4322	920	122	1140
Stathers, William. (See Peters, William, assignor.)						
Staton, John W., Brownwood, Tex. Sash-fastener.....	811,803	Feb. 6	507	113	120	1594
Statter, John G., Birmingham, England, assignor to W. M. Scott, Philadelphia, Pa. Time-element device.....	830,537	Sept. 11	1297	268	124	348
Stattmann, Gustave W. (See Stattmann, Walter A., assignor.)						
Stattmann, Walter A., Los Angeles, Cal., assignor to himself, and G. W. Stattmann, Chicago, Ill. Non-refillable bottle.....	826,906	July 24	4523	941	123	1195
Stäubli, Hermann, Horgen, Switzerland. Loom for weaving cross-woven fabrics.....	839,435	Dec. 25	4272	914	125	2541
Stauch, Philip H., Chicago, Ill. Automatic digger and conveyer.....	820,829	May 15	3657	781	122	933
Stauda, Edwin G., Minneapolis, Minn. Bag-fastener.....	809,756	Jan. 9	2304	477	120	539
Stauda, Edwin G., Minneapolis, Minn. Sack folding and securing machine.....	819,466	May 1	858	185-8	122	192
Stauda, Edwin G., Minneapolis, Minn. Cutting rolls and knives for box-making machines.....	837,353	Dec. 4	151	37	125	1392
Stauda, Edwin G., Minneapolis, Minn. Machine for making flexible boxes.....	837,354	Dec. 4	153	38	125	1393
Stauder, Joseph, Mount Vernon, N. Y. Washing-machine.....	837,747	Dec. 4	941	213	125	1588
Stauffer, Daniel C., Canton, Ohio. Construction of buildings.....	830,747	Sept. 11	1756	362	124	474
Stauffer, Elcar W., assignor to J. H. Evers, Chinook, Mont. Sheep-hook.....	835,375	Nov. 6	1002	213	125	254
Stauffer, Joseph R., <i>et al.</i> (See Melinger, George B., assignor.)						
Stauffer, Joseph R. (See Sprink, Isaac W., assignor.)						
Staunton, Gray, Chicago, Ill. Closure for jars and other vessels.....	835,166	Nov. 6	584	119	125	148
Stayer Carriage Company. (See Price, William C., assignor.)						
Stawartz, John, assignor of one-half to J. J. Casey and A. J. Kuhn, Homestead, Pa. Fender.	818,797	Apr. 24	4520	966	121	2510
Stayman, David F., Baltimore, Md. Means for adjustably securing pulleys to shafting.	831,116	Sept. 18	2471	522	124	677
Stearns, George C., Denver, Colo. Rotary engine.....	817,679	Apr. 10	2218	474-5	121	1900
Stearns, Albert, and P. H. MacCorquodale, Syracuse, N. Y., said MacCorquodale assignor to said Stearns. Wrapping-machine.....	818,572	Apr. 24	4043	867-8	121	2404
Stearns, Albert T., deceased; F. M. Stearns, E. S. Tenny, and J. F. Dunbar, trustees, assignors to A. T. Stearns Lumber Company, Boston, Mass. Silo.....	830,379	Sept. 4	973	202	124	239
Stearns, Aretas E., <i>et al.</i> (See Jannell, Leslie D., assignor.)						
Stearns, Frank R., Greeley, Colo. Gripper for printing-presses.....	822,027	May 29	6079	1295	122	1586
Stearns, Frederick M., <i>et al.</i> trustees. (See Stearns, Albert T.)						
Stearns, George, Chicago, Ill. Bag-holder.....	812,307	Feb. 13	1616	355	120	1894
Stearns, Roswell H., and H. Klehm, Milwaukee, Wis. Shifter.....	817,815	Apr. 17	2515	539	121	2020
Stebbins, Albert H., Little Rock, Ark. Pneumatic vanner.....	830,538	Sept. 11	1300	269	124	349
Stebbins, Frank E. (See Wright and Stebbins.)						
Stebbins, George A., Watertown, N. Y. Gas-filter.....	816,266	Mar. 27	4625	981-2	121	1164
Stebbins, Timothy, assignor to Red Jacket Manufacturing Company, Davenport, Iowa. Puppet-valve.....	827,190	July 31	5140	1067	123	1364
Stebbins, Timothy, assignor to Red Jacket Manufacturing Company, Davenport, Iowa. Puppet-valve.....	833,559	Oct. 16	3123	663	124	2060
Stebbins, Timothy, assignor to Red Jacket Manufacturing Company, Davenport, Iowa. Puppet-valve.....	833,560	Oct. 16	3125	664	124	2061
Stebbins, Timothy, assignor to Red Jacket Manufacturing Company, Davenport, Iowa. Automatic windmill-pull-out mechanism for pumps.....	833,645	Oct. 16	3307	703	124	2103
Steber, Bernard T., Utica, N. Y. Knitting-machine.....	808,784	Jan. 2	329	71	120	73
Steber, Bernard T., Utica, N. Y. Knitting-machine.....	810,578	Jan. 23	4044	832-3	120	1003
Stechow, Karl von, Wiesbaden, Germany. Extraction of pure raw rubber from rubber-plants.....	814,407	Mar. 6	838		121	182
Steck, Ernest F., Chicago, Ill., assignor to American-La France Fire Engine Company, Elmira, N. Y. Self-locking steering-gear for vehicles.....	826,382	July 17	3416	708	123	894
Steckel, Archibald W. F., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyer-belt support.....	809,227	Jan. 2	1201	245	120	266
Steckel, Archibald W. F., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyer.....	811,180	Jan. 30	5225	1093-4	120	1293
Stecker, Alfred J., Detroit, Mich., assignor to H. P. Nickels, New York, N. Y. Track instrument for automatic railway block-signaling.....	817,348	Apr. 10	1583	334-5	121	1766
Stedham, William H., and J. N. Miller, Royse City, Tex. Flow-point fastener.....	838,474	Dec. 11	2395	519	125	1992
Steedman, George F., St. Louis, Mo. Elevator-cage.....	831,248	Sept. 18	2715	372	124	736
Steedman, George F., St. Louis, Mo. Elevator.....	838,819	Dec. 18	3054	658	125	2196
Steeg, Paul, Danzig, Germany. Shelf.....	831,389	Sept. 18	2992	635-6	124	807
Steel Ball Company. (See Hill, Christian C., assignor.)						
Steel Heddle Manufacturing Company. (See Fehr, William, assignor.)						
Steel, James, Little Falls, N. J. Rotary duplicator.....	833,853	Oct. 23	3748	796	124	2258
Steel, James, Little Falls, N. J. Rotary duplicator.....	833,854	Oct. 23	3749	796	124	2258
Steel, Matthew, Gosforth, England. Carbureting apparatus.....	816,267	Mar. 27	4627	982	121	1165
Steel Patents Company. (See Reese, Jacob, assignor.)						
Steel Products Company. (See Goe, David E., assignor.)						
Steel, Will, Texarkana, Ark. Combined fan and score-card.....	809,535	Jan. 9	1871	388-9	120	445
Steele, Clarence M., Statesville, N. C. Internal-combustion engine.....	813,250	Feb. 20	3449	760-1	120	2325
Steele, David R., <i>et al.</i> (See Krause, William T., assignor.)						
Steele, Edwin G. (See Sutton and Steele.)						
Steele, Ernest M. (See Caywood and Steele.)						
Steele, Frederick A., New Rochelle, N. Y. Toilet article.....	814,408	Mar. 6	839	173	121	182
Steele, Harry C., W. Stenson, and F. J. Trout, Jacksonville, Fla. Molding-machine.....	810,988	Jan. 30	4854	1010	120	1214
Steele, Harry W., Shelby, Ohio, assignor to Shelby Spring Hinge Co. Spring-hinge.....	833,852	Oct. 23	3745	796	124	2257
Steele, Ira E., Hartley, Iowa. Stacker.....	838,145	Dec. 11	1760	377-8	125	1836
Steele, John W., Fresno, Cal. Tent-slip.....	833,350	Oct. 16	2696	567	124	1960
Steele, Lawrence C., Wheeling, W. Va., assignor to American Sheet and Tin Plate Company, Pittsburgh, Pa. Tin-plate catcher.....	822,698	June 5	946	193	122	1937
Steele, Lawrence C., Wheeling, W. Va., assignor to American Sheet & Tin Plate Company, Pittsburgh, Pa. Branner feeding device.....	822,699	June 5	948	194	122	1938
Steele, Lewis E., assignor of one-half to P. H. Lefel, Lincoln, Ill. Switch-throwing mechanism.....	837,593	Dec. 4	635	146-7	125	1512

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Steele, Samuel H., Canaan, Ind. Plow	809,757	Jan. 9	2305	477	120	539
Steele, Walter L. (See Sutton and Steele.)						
Steele, William N., New York, N. Y. Dust-pan	834,770	Oct. 30	5772	1225	124	2806
Steele, William O., Grenloch, N. J., assignor to W. B. Rufo, Philadelphia, Pa. Rotary engine	822,700	June 5	949	194	122	1938
Steensland, James O., and W. Weaver, Blanchardville, Wis. Latch	811,880	Feb. 6	667	146	120	1626
Steenstrup, Carl A. R., assignor to Aktieselskabet Gummi-Regenerations-Societet, (System Resen-Steenstrup,) Copenhagen, Denmark. Devulcanizing india-rubber	830,260	Sept. 4	736		124	185
Steer, Herbert H., Windsor, Canada. Combined presser-foot and guard for woodworking-machines	822,636	June 5	819	166-7	122	1908
Steere, Clarence E., Maywood, Ill. Power-transmission gear	826,449	July 17	3541	737	123	927
Steere, Clarence E., Maywood, Ill., assignor to A. B. Dick Company. Duplicating-machine	811,674	Feb. 6	273	60-1	120	1545
Steere, Merrill O., Pawtucket, R. I., assignor to Brindle-Steere Company, Portland, Me. Friction let-off for looms	834,170	Oct. 23	4564	968	124	2458
Steere, Merrill O., Pawtucket, and S. W. Wardwell, Providence, R. I., assignors to Brindle-Steere Company, Portland, Me. Harness-motion for looms	821,762	May 29	5584	1188-90	122	1475
Steers, Wilhelm C., San Francisco, Cal. Combination kitchen-table	834,171	Oct. 23	4567	969	124	2459
Stoge, Jacob, Arden, Nebr. Hame-fastener	812,462	Feb. 13	1896	418	120	1953
Steger, George F., Steger, Ill. Glue-press	828,069	Aug. 7	765	158	123	1860
Stegmaier, Otto, Elizabeth, N. J. Antirefilling bottle	829,178	Aug. 21	3020	630	123	2488
Stegner, Frederick A., Cincinnati, Ohio. Tobacco-pipe	818,716	Apr. 24	4345	931	121	2471
Stegner, Frederick A., Cincinnati, Ohio. Tobacco-pipe	823,819	June 19	3182	673	122	2528
Stein, Abram F. and S. F., Williamsport, Pa. Hook for files of trousers	834,942	Nov. 6	126	25	125	35
Stein, Alexander, Berlin, Germany. Collapsible baby-carriage	821,896	May 29	5831	1240-1	122	1530
Stein, Charles, Akron, Ohio. Vehicle-tire	810,888	Jan. 23	4635	966	120	1132
Stein, Jacob, Coal Valley, assignor of one-third to L. K. Yoder and one-fourth to F. A. Baxendell, Pittsburg, Pa. Auger-bit	809,856	Jan. 9	2488	517	120	580
Stein, Jacob M., Washington, D. C. Coat-hanger	815,759	Mar. 20	3604	757	121	893
Stein, Nicholas, West Sand Lake, N. Y. Merry-go-round	826,383	July 17	3418	708-9	123	895
Stein, Samuel F. (See Stein, Abram F. and S. F.)						
Stein, William. (See Adams, Isaac M., assignor.)						
Steinbach, George P., Baltimore, Md. Baby-tender	811,881	Feb. 6	668	146	120	1627
Steinbeck, William P. (See Weathers, Hoyt M., assignor.)						
Steinberg, Isaac, assignor to Hercules Safety Clasp Company, Nashville, Tenn. Clasp	813,838	Feb. 27	4637	1025	120	2642
Steinberg, Isaac, assignor to Goldsmith & Harzberg, Providence, R. I. Stud-protector	834,943	Nov. 6	127	26	125	36
Steinberg, Max, <i>et al.</i> (See Ihle, Gustav, assignor.)						
Steinberger, Louis, New York, N. Y. Prong-insulator	823,820	June 19	3182	673	122	2528
Steinberger, Louis, New York, N. Y. Locking-nut	825,085	July 3	792	165	123	212
Steinberger, Louis, New York, N. Y. High-potential insulator	834,084	Oct. 23	4379	931	124	2408
Steinberger, Louis, New York, N. Y. Insulator	837,749	Dec. 4	944	213	125	1589
Steinberger, Louis, New York, N. Y. Receiver for telephones	838,362	Dec. 11	2169	470	125	1937
Steinberger, Louis, New York, N. Y. Insulator for high voltages	839,665	Dec. 25	4745	1014	125	2654
Steinberger, Louis, New York, N. Y. Built-up insulator	839,666	Dec. 25	4747	1014	125	2655
Steinbrecker, Arthur, Denhoff, N. D. Neck-yoke coupling	831,483	Sept. 18	3167	670	124	852
Steinbrenner, William J., and G. J. Mayer, assignors of one-third to W. H. Kreinheder, Buffalo, N. Y. Carburetor for explosive-engines	823,485	June 12	2529	530-1	122	2326
Steindorf, Otto W., Wheeling, W. Va. Tripod for cameras	816,268	Mar. 27	4628	982	121	1165
Steinecke, Daniel G., deceased, New York, N. Y.; S. and W. Steinecke, administrators. Electric dental furnace	820,025	May 8	2035	446-7	122	515
Steinecke, Samuel, <i>et al.</i> , administrators. (See Steinecke, Daniel G.)						
Steinecke, William, <i>et al.</i> , administrators. (See Steinecke, Daniel G.)						
Steiner, Adolf, and R. Rein, Berlin, assignors to L. te Kock, Dessau, Germany. Feed device for the inking-ribbons of writing-machines	833,561	Oct. 16	3126	664	124	2061
Steiner, Elmer E., Knightstown, Ind. Automatic intercommunicating train-reporting system	817,281	Apr. 10	1464	307	121	1740
Steiner, Elmer E., Knightstown, Ind. Automatic train-reporting system	820,529	May 15	3072	661	122	806
Steiner, George A., Salt Lake City, Utah. Route-box	832,756	Oct. 9	1484	298	124	1611
Steiner, Joseph C., St. Louis, Mo. Adjustable sliding window-screen	826,384	July 17	3420	709	123	896
Steiner, Melchior, <i>et al.</i> (See Wiza, Anthony J., assignor.)						
Steinert, Carl, Munich, Germany. Device for transporting green malt	810,989	Jan. 30	4856	1011	120	1215
Steinert, Henry, and M. Schmelpennig, Tamaqua, Pa. Lock-nut	818,921	Apr. 24	4741	1018	121	2557
Steinhardt, Jacob M., Newark, N. J., assignor to J. L. Dinkelspiel, New York, N. Y. Garment-fastener	830,685	Sept. 11	1612	333	124	432
Steinhaus, Carl, Wilkinsburg, Pa. Water-indicator	835,920	Nov. 13	2028	431	125	550
Steinhaus, George R., St. Louis, Mo., assignor to National Moving Window Display Company, Chicago, Ill. Display device	821,067	May 22	4192	890-1	122	1112
Steinhoff, Lyman O. (See Scott and Steinhoff.)						
Steinicke, Therese, Berlin, Germany. Inverted incandescent gas-lamp	812,961	Feb. 20	2887	637	120	2205
Steinke, Frederick W., Owatonna, Minn. Flexible-pipe system	829,609	Aug. 28	3932	832	123	2759
Steinmann, Edward, Bettendorf, Iowa, and H. Schielke, Cleveland, Ohio. Indicator for check-rows	822,488	June 5	505	102-3	122	1836
Steinmann, Henry J., St. Louis, Mo. Fly-trap	835,264	Nov. 6	780	163	125	197
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. System of electrical distribution	809,996	Jan. 16	2772	570	120	694
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Alternating-current generator	816,395	Mar. 27	4924	1046	121	1227
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine	816,511	Mar. 27	5148	1092	121	1275
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Controlling the speed of motors	819,613	May 1	1125	249	122	253
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Armature-winding	820,997	May 22	4053	862	122	1081
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor	822,311	June 5	176	35	122	1766
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Vapor electric apparatus	834,172	Oct. 23	4569	969	124	2459
Steinmetz, Joseph A., Philadelphia, Pa. Turnbuckle	809,030	Jan. 2	799	173	120	176
Steinmetz, Joseph A., Philadelphia, Pa. Joint-fastener	826,125	July 17	2937	609	123	779
Steinmetz, Oscar C., <i>et al.</i> (See Ling, Frank M., assignor.)						
Steinmeyer, Gustav, Sr., St. Louis, Mo. Car-roof construction	814,743	Mar. 13	1506	319	121	390
Stellner, William F., Danville, Ill., assignor to Collapsible Toy Company. Toy	823,143	June 12	1843	380	122	2177
Stelting, Albert A., assignor to Madison Kipp Lubricator Company, Madison, Wis. Lubricator	827,402	July 31	5541	1152	123	1462
Stem, Edgar S., assignor of two-fifths to T. S. Boyd, Alderson, Pa. Music holder and turner	823,707	June 19	2970	629	122	2482

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Stem, Edgar S., assignor of two-fifths to T. S. Boyd, Alderson, Pa. Music holder and turner.	823,708	June 19	2976	630	122	2483
Stemons, James S., Philadelphia, Pa. Street-indicator.	826,450	July 17	3544	738	123	927
Stempel, Carl H., Fort Madison, Iowa. Door closer and check.	826,068	July 17	2828	587	123	753
Stempel, Edward, San Francisco, Cal. Telephone-mouthpiece safety-guard.	837,594	Dec. 4	639	147	125	1512
Stendebach, John P., San Francisco, Cal. Non-refillable bottle.	821,598	May 22	5229	1115-16	122	1338
Stender, William, Streator, Ill. Apparatus for feeding articles into ovens.	818,573	Apr. 24	4046	868-9	121	2404
Stengel, Charles, Hamilton, Ohio. Caster.	816,269	Mar. 27	4630	983	121	1165
Stenson, William. (See Steele, Stinson, and Trout.)						
Stenstrom, John P., assignor of two-thirds to A. Peterson and A. M. Anderson, Mora, Minn. Convertible spade and hoe.	819,181	May 1	283	60	122	71
Stenwall, Alfred, Kewanee, Ill. Slide-gate valve.	809,857	Jan. 9	2489	517	120	580
Stephan, Adam, Waverly, near Sydney, assignor to R. Sands, Sydney, New South Wales, Australia. Half-tone photolithography and the like.	818,574	Apr. 24	4048		121	2405
Stephan, Alfred, Gross-Lichterfelde, near Berlin, Germany. Making a formic-aldehyde compound.	812,608	Feb. 13	2200		120	2013
Stephan, Frederick W., Chicago, Ill. Dental articulator.	827,824	Aug. 7	268	54	123	1737
Stephan, Friedrich C., Crimmitschau, Germany. Measuring of fabrics.	821,839	May 29	5735	1221	122	1509
Stephan, Georg, Mertzwiller, Germany. Variable-speed and reversing mechanism.	826,969	July 24	4623	963	123	1219
Stephens, Albert F. H., Camborne, England. Label-damper.	824,752	July 3	101	20	123	30
Stephens, Anson P. (See Balch, David M., assignor.)						
Stephens, Augustus A., Bellaire, Ohio. Window-ventilator.	809,228	Jan. 2	1203	246	120	266
Stephens, Augustus W., Waltham, Mass. Strawberry-huller.	838,662	Dec. 18	2765	592	125	2126
Stephens, Charles H., Bartlett, Tex. Rail-joint.	809,536	Jan. 9	1875	389	120	446
Stephens, James, Rock Island, Ill. Automatic car-coupling.	837,144	Nov. 27	4514	957	123	1246
Stephens, James W. T., New Orleans, La. Excavating-machine.	838,663	Dec. 18	2766	592-3	125	2127
Stephens, John H., Vernon, Tex. Hose-coupling.	824,753	July 3	102	20	123	30
Stephens, John R., Lake Waccabuc, N. Y. Window-shade roller.	821,265	May 22	4566	971	122	1194
Stephens, Joseph W., Pittsburg, Pa. Apparatus for operating covers of lock-boxes, &c.	825,497	July 10	1674	349-50	123	452
Stephens, Samuel, Somerville, Mass. Galley-lock.	826,620	July 24	3978	823	123	1059
Stephens, Thomas J. (See Guion, Prior M. and J. R., assignors.)						
Stephens, William C., Carn Brea, England. Guide for rock-drills.	837,515	Dec. 4	460	105	125	1471
Stephensmeier, John H., St. Louis, Mo. Horseshoe.	813,596	Feb. 27	4153	910	120	2538
Stephenson, Clinton B., South Bend, Ind. Undergarment.	837,516	Dec. 4	461	105	125	1471
Stephenson, John M., Nordhoff, Cal. Door-opener.	839,330	Dec. 25	4066	873	125	2499
Sterling Blower & Pipe Manufacturing Company. (See Christoph, George W., assignor.)						
Sterling Blower & Pipe Manufacturing Company. (See Lynch, Arthur C., assignor.)						
Sterling Co. (See Hubbell, Charles H., assignor.)						
Sterling Company. (See Prentice, John P., assignor.)						
Sterling, David W., Glade Mills, Pa. Pump-rod clamp.	834,688	Oct. 30	5593	1186	124	2763
Sterling Electric Company. (See Fowler, Samuel B., assignor.)						
Sterling, Ezra, Brooklyn, N. Y. Gold-separator.	809,586	Jan. 9	1975	409-10	120	465
Sterling, Frank H., London, England. Tire for wheeled vehicles.	809,537	Jan. 9	1876	389	120	446
Sterling Manufacturing Company. (See Rodemeyer, Henry F., assignor.)						
Sterling-Meaker Company. (See Gierding, Charles E., assignor.)						
Sterling-Meaker Company. (See McClure, John C., assignor.)						
Sterling-Meaker Company. (See Stowe, Joseph A., assignor.)						
Sterling, Samuel, Chickasawba, assignor of one-half to D. D. Hodges, Paragould, Ark. Vehicle hub and spindle.	812,775	Feb. 13	2503	551	120	2074
Sterling, Walter B., Wellsburg, W. Va. Bed.	830,261	Sept. 4	737	151	124	185
Sterling, William J., Norfolk, Va. Rail-track system.	822,399	June 5	329	68	122	1797
Stern, Gustave L., trustee. (See Ehrlich, Leo, assignor.)						
Stern, Philip K., New York, N. Y. Cam-movement explosive-engine.	809,333	Jan. 9	1452	294	120	353
Stern, Philip K., New York, N. Y. Railway and railway-car.	814,245	Mar. 6	474	98-9	121	103
Sternau & Company, S. (See Lattin, Albert N., assignor.)						
Sternau, Percy, assignor of one-half to G. H. Brooks, Louisville, Ky. Stamp-holding box.	830,188	Sept. 4	569	117	124	144
Sternberger, Henry, Cincinnati, Ohio. Handkerchief.	826,126	July 17	2938	609	123	779
Sterne, Louis, London, England. Gas-compressor.	811,181	Jan. 30	5228	1094	120	1294
Sterne, Louis, London, England. Treating lignite.	838,281	Dec. 11	2035		125	1902
Sterne, Theodore, Paris, France. Elastic tire for vehicle-wheels.	812,698	Feb. 13	2364	518	120	2044
Sterry, Henry E. (See McKittrick and Sterry.)						
Stetler, Lewis E. (See Lewallen and Stetler.)						
Stetson, Thomas R. (See Davis and Stetson.)						
Stettner, William A., Elgin, Ill. Umbrella.	814,884	Mar. 13	1765	369	121	443
Stevens, Abner M. and G. E., Melvern, Kans. Hay-stacker.	809,538	Jan. 9	1879	390	120	447
Stevens, Alonzo E., Dallas Center, Iowa. Rotary engine.	811,103	Jan. 30	5047	1055	120	1256
Stevens, Alton E., Fall River, Mass. Controller for automatic telephone systems.	816,948	Apr. 3	810	166	121	1538
Stevens, Ansel, Westbrook, Me. Rail-joint protector.	825,498	July 10	1676	350	123	453
Stevens Arms & Tool Company, J. (See Savage, Arthur J., assignor.)						
Stevens, C. D. (See Nicols, James F., assignor.)						
Stevens, Calvin M., assignor of sixty one-hundredths to G. A. Wickham, C. H. Varnell, estate of W. McLaughlin, deceased, and one-tenth to L. Clohan, Wheeling, W. Va. Ankle-brace.	839,223	Dec. 25	3861	830	125	2439
Stevens, Charles P. (See Hawkins and Stevens.)						
Stevens, Charles S. J., Oakland, Ind. Ter. Combined chair and couch.	817,816	Apr. 17	2518	539	121	2021
Stevens, Charles W., Sidney, Iowa. Crate.	835,921	Nov. 13	2030	432-3	125	551
Stevens, Cyrus, Watertown, N. Y., assignor to Bartholomew Company, Peoria, Ill. Corn-popper.	830,937	Sept. 11	2085	440	124	553
Stevens, David, Ogden, Utah. Wagon-body.	811,104	Jan. 30	5049	1055-6	120	1257
Stevens, Fay W., Wichita, Kans. Seesaw.	822,083	May 29	6188	1319	122	1612
Stevens, Frederick M., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tank-float.	829,554	Aug. 28	3817	811	123	2731
Stevens, George E. (See Stevens, Abner M. and G. E.)						
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Electric heater for liquids.	812,609	Feb. 13	2200	479	120	2013
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Rheostat.	812,700	Feb. 13	2367	518	120	2045
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Rheostat.	822,312	June 5	178	35	122	1767
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Coil-forming apparatus.	825,249	July 3	1111	236	123	290
Stevens, George J., London, England, assignor, by mesne assignments, to American Attachment Company, Portland, Me. Guide for sewing-machine attachments.	829,126	Aug. 21	2891	607	123	2457
Stevens, George J., London, England, assignor, by mesne assignments, to American Attachment Company, Portland, Me. Attachment for sewing-machines for felling, &c.	829,442	Aug. 28	3564	751-2	123	2668
Stevens, Horace M. (See Hawkins and Stevens.)						
Stevens, Isaac, Salmon, Idaho. Penholder.	833,646	Oct. 16	3309	703	124	2104

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prtg.	Vol.	Page.
Stevens, James F., <i>et al.</i> (See Schauman, Bror M., assignor.)						
Stevens, Jesse W., Cedarbluff, Miss. Chicken-coop	828,905	Aug. 21	2436	517	123	2338
Stevens, John. (See Sawtelle, Elmer P., assignor.)						
Stevens, John J., assignor of one-half to T. A. Lampton, Dallas, Tex. Clamp	812,699	Feb. 13	2366	518	120	2045
Stevens, John L. (See Leonard, Almanzo B., assignor.)						
Stevens, Josiah P., Atlanta, Ga. Apparatus for engraving	810,990	Jan. 30	4857	1011	120	1215
Stevens, Maurice T., Harvey, Ill. Molding	826,970	July 24	4624	964	123	1220
Stevens, Richard H., Munhall, Pa. Adjusting mechanism for rope-drives	808,699	Jan. 2	147	35	120	34
Stevens, Richard H., Munhall, Pa. Metal-turning apparatus	809,997	Jan. 16	2776	570-1	120	695
Stevens, Richard H., Munhall, Pa. Metal sheet-piling	824,513	June 26	4532	961	122	2876
Stevens, Samuel M., Tampa, Fla. Frangible cap for the closure of bottles	813,181	Feb. 20	3319	730	120	2299
Stevens, Samuel M., Manchester, England. Hand fire-extinguisher	830,380	Sept. 4	975	203	124	240
Stevens, Seriah, Boston, Mass. Fastening device	822,313	June 5	181	36	122	1767
Stevens, Seriah, Boston, Mass. Eyeglasses	831,117	Sept. 18	2471	522	124	677
Stevens, Sturley T., and O. Walcott, Comstock, Nebr. Door-opener	823,372	June 12	2306	483	122	2278
Stevens, Sylvester G., Duluth, Minn. Life-saving apparatus for ships	829,179	Aug. 21	3021	631	123	2488
Stevens, Sylvester G., Duluth, Minn. Means for causing the movement of granular and like material	833,761	Oct. 23	3525	752	124	2203
Stevens, Sylvester G., Duluth, Minn. Means for warming material while in transit	834,944	Nov. 6	129	26	125	36
Stevens, Sylvester G., assignor to Lawrence Switch Co., Duluth, Minn. Attachment for locomotives	816,688	Apr. 3	286	66	121	1423
Stevens, Thomas G., Greenhithe, England. Bearing-spring for motor-vehicles	816,396	Mar. 27	4926	1047	121	1227
Stevens, Will P., Los Angeles, Cal. Ammonia-gas compressor	839,331	Dec. 25	4067	873	125	2491
Stevens, William C., assignor to F. A. Seiberling and L. C. Miles, Akron, Ohio. Label-placing machine	836,902	Nov. 27	3966	853-60	125	1124
Stevens, William L., Orange, Va. Wire-fence stretcher	839,332	Dec. 25	4069	873	125	2491
Stevenson, Archibald W., <i>et al.</i> (See Coleman, James M., assignor.)						
Stevenson, Arthur E., Buffalo, N. Y. Switch-operating mechanism	826,199	July 17	3075	637	123	812
Stevenson, Charles M., Harvard, Ill. Merry-go-round	816,689	Apr. 3	288	67	121	1424
Stevenson, Charles R., Boston, Mass. Tooth-brush	818,000	Apr. 17	2899	626	121	2108
Stevenson, Everitte, Mitchellville, Iowa. Riding-cultivator	835,572	Nov. 13	1384	297	125	394
Stevenson, George S., Dunedin, New Zealand. Ratchet-wrench	837,430	Dec. 4	310	74	125	1433
Stevenson, Henry M., Perry, Iowa. Air-valve for radiators	833,093	Oct. 9	2143	451	124	1771
Stevenson, James A., New Castle, Pa. Bib-cock	819,944	May 8	1809	391	122	468
Stevenson, John, assignor of one-half to J. A. Brien, Rochester, N. Y. Means for closing sliding-pole holes	837,007	Nov. 27	4233	901	125	1177
Stevenson, John H., Ann Arbor, Mich. Adjustable lamp-support	815,563	Mar. 20	3175	666	121	798
Stevenson, John S., Detroit, Mich. Hopper-bottom car	809,638	Jan. 9	2090	433	120	490
Stevenson, John S., Detroit, Mich. Car-bolster	830,807	Sept. 11	1855	386	124	497
Stevenson, S. Price, Chester, Pa. Door-frame, door, and adjunctive mechanism for air-tight compartments	812,377	Feb. 13	1738	381	120	1521
Stevenson, Samuel P., Chester, Pa. Door-frame	817,199	Apr. 10	1300	271	121	1707
Stevenson, Sophie E., Chicago, Ill. Compound	836,223	Nov. 20	2623	125	124	749
Stevenson, Theodore A., Lansing, Kans. Burial-vault	823,709	June 19	2978	630	122	2483
Stevenson, Thomas, Dunedin, New Zealand. Machine for bending metal bars	810,818	Jan. 23	4480	932	120	1099
Stevenson, William, Devonport, New Zealand. Combined dining and billiard table	817,097	Apr. 3	1075	223	121	1596
Stevenson, William, Chicago, Ill. Brake-beam	823,306	June 12	2195	458	122	2256
Stevenson, William C., assignor of one-half to A. Weil, Corpus Christi, Tex. Stalk-cutter	831,689	Sept. 25	3630	760	124	1012
Stevenson, William J., Tuscola, Ill. Scoop-board	835,042	Nov. 6	329	70	125	85
Stevenson, William M., Indian Orchard, Mass. Woven fabric	828,784	Aug. 14	2184	461	123	2243
Stevenson, William M., Indian Orchard, Mass., assignor to Hodges Fiber Carpet Company, Portland, Me. Woven fabric	821,441	May 22	4951	1052	122	1280
Stevenson, Thomas, Bridgeport, Conn. Music-leaf turner	815,873	Mar. 20	3844	815	121	941
Stever, Solomon F., Fairfield, Iowa. Railway-rail joint	830,020	Sept. 4	217	41	124	54
Stever, Solomon F., Fairfield, Iowa. Jar-wrench	830,021	Sept. 4	218	41	124	54
Steward, Demetrius M., Chattanooga, Tenn. Refractory material for electric insulation and other purposes	816,270	Mar. 27	4632	121	1166	
Steward, Demetrius M., Chattanooga, Tenn. Producing new refractory material for the manufacture of insulators and other uses	816,271	Mar. 27	4634	121	1166	
Steward, Harry M., Somerville, Mass. Device for supporting and spacing guard-rails	821,897	May 29	5332	1241	122	1530
Steward, John A., Rutland, Vt. Can-seaming machine	821,134	May 22	4324	920-1	122	1140
Steward, John A., Rutland, Vt. Can-seam	831,118	Sept. 18	2473	522	124	677
Steward, A. W. (See Bales, Minnie, assignor.)						
Steward, Alexander T., Pittsburg, Pa. Egg-beater	827,474	July 31	5774	1197	123	1518
Steward, Alfred C., Los Angeles, Cal. Automobile-engine suspension	814,991	Mar. 13	1970	414	121	484
Steward, Benjamin F., Chicago, Ill. Gas-engine	823,450	June 12	2448	517-18	122	2308
Steward, Benjamin F., Omaha, Nebr. Revolver-belt and suspenders	834,419	Oct. 30	5072	1075	124	2628
Steward, Charles C., assignor of one-half to A. T. James, Philadelphia, Pa. Carpet fabric	824,045	June 19	3616	770	122	2622
Steward, David A. and J. F. Molesworth, Ontario, Canada. Straw-cutter. (Reissue)	12,534	Sept. 25	4285	896-7	124	1176
Steward, David C., Payne, Ohio. Composition fence-post	817,282	Apr. 10	1466	307	121	1741
Steward, Emmor J., New York, N. Y. Scrubbing-machine	824,958	July 3	569	112-13	123	151
Steward, Eva S., Port Arthur, Ontario, Canada. Invalid bed-support	832,346	Oct. 2	662	127	124	1371
Steward, Francis L., Murrysville, assignor of one-half to S. E. Gill, Pittsburg, Pa. Making maize-sugar	811,523	Jan. 30	5860	120	1428	
Steward, Francis L., Murrysville, assignor of one-half to S. E. Gill, Pittsburg, Pa. Treatment of maize for the manufacture of cellulose products	811,524	Jan. 30	5861	120	1429	
Steward, Francis L., Murrysville, assignor of one-half to S. E. Gill, Pittsburg, Pa. Defecating saccharine liquids	829,678	Aug. 28	4068	123	2793	
Steward, Frederick W., Evansville, Ind., assignor to Peerless Non Refillable Bottle Company, Brockton, Mass. Non-refillable bottle	837,974	Dec. 11	1384	301	125	1741
Steward, George and G. F., New York, N. Y. Rod-packing	832,431	Oct. 2	830	160	124	1412
Steward, George C., Marengo, Ind. Railway-car truck	814,409	Mar. 6	840	173	121	182
Steward, George F. (See Stewart, George and G. F.)						
Steward, George H., Los Angeles, Cal. Means for detecting defective can-heads	827,760	Aug. 7	134	28-9	123	1703
Steward, George H., Los Angeles, Cal. Can-heading machine	830,189	Sept. 4	570	117	124	145
Steward, George H., Los Angeles, Cal. Machine for forming can-bodies	837,008	Nov. 27	4235	901-3	125	1177
Steward, Guy A. (See Stewart, William J. and G. A.)						
Steward Hartshorn Company. (See Hartshorn, Edmund F., assignor.)						
Steward, Hyland P. (See Mortensen, Hans J., assignor.)						
Steward, James A. (See Baker, Salem A., assignor.)						
Steward, James M., assignor of one-fourth to M. C. Massie, Washington, D. C. Wire screen	817,680	Apr. 10	2220	475	121	1900
Steward, James W., <i>et al.</i> (See Heath, Noble, assignor.)						
Steward, James W. (See Luster and Stewart.)						
Stewart, James W., Franklin, Tex. Clothes-pin	815,128	Mar. 13	2267	474	121	550

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Stewart, John, New Glasgow, Canada. Railway-track jack.	810,358	Jan. 16	3551	730	120	859
Stewart, John, Tarentum, Pa. Chimney-fastener for lamps.	816,949	Apr. 3	813	167	121	1539
Stewart, John A. (See Bezanger and Stewart.)						
Stewart, John F. (See Stewart, David A. and J. F.) (Reissue.)						
Stewart, John H. (See Schenk, John M. and J., assignors.)						
Stewart, John K., Chicago, Ill. Driving-clutch for power transmission.	814,093	Mar. 6	184	37	121	40
Stewart, John K., Chicago, Ill. Jointed shaft.	815,485	Mar. 20	3025	632	121	767
Stewart, John K., Chicago, Ill. Flexible shaft.	817,283	Apr. 10	1467	308	121	1741
Stewart, John K., Chicago, Ill. Speed-multiplying power-transmitting device.	824,216	June 26	3936	843	122	2750
Stewart, John K., Chicago, Ill. Combined motor and power-transmitting mechanism.	826,696	July 24	4109	853	123	1092
Stewart, Jonathan M. (See Niesz and Stewart.)						
Stewart, Jonathan M., assignor to Bucher & Gibbs Plow Company, Canton, Ohio. Connection for harrow-disks.	814,744	Mar. 13	1507	319	121	390
Stewart, Lemuel N., Agency, Mo. Attachment for listers, plows, and the like.	814,569	Mar. 6	1138	238	121	247
Stewart, Luther F., Stephenville, Tex. Saw-oling device.	828,436	Aug. 14	1500	315	123	2067
Stewart, Matthew A., Newark, N. J. Shipping-tag.	833,647	Oct. 16	3311	703	124	2104
Stewart, Paul, Pittsburg, Pa. Brick-clamp.	835,376	Nov. 6	1003	213	125	254
Stewart, Robert A., assignor of one-half to A. J. Knoblock, San Francisco, Cal. Means for aging and purifying liquors.	811,966	Feb. 6	867	190	120	1666
Stewart, Robert W., Findlay, Ohio. Kiln.	815,387	Mar. 20	2851	592	121	727
Stewart, Robert W., Findlay, Ohio. Kiln.	815,388	Mar. 20	2852	592	121	727
Stewart, Samuel B., New Orleans, La. Filter.	821,442	May 22	4952	1052	122	1280
Stewart, Samuel B., Jr., Schenectady, N. Y., assignor to General Electric Company. Circuit-breaker.	832,705	Oct. 9	1382	279-80	124	1585
Stewart, Scott, Fairmont, W. Va. Shade-fixture.	823,745	June 19	3040	643	122	2496
Stewart, Thomas B. (See Turner, Dixon, and Stewart.)						
Stewart, Warren W., Mason, Tex. Hay-press.	835,043	Nov. 6	331	71	125	85
Stewart, William C., Lynn, Mass., assignor to Gardiner, Beardsell and Company, Nashua, N. H. Machine for molding counters.	826,697	July 24	4110	853-4	123	1092
Stewart, William J. and G. A., New York, N. Y. Can and other vessel.	835,573	Nov. 13	1385	297	125	394
Stewart, William K., and F. Mowrey, Philadelphia, Pa. Wrench.	819,614	May 1	1126	249	122	253
Stewart, William L., and W. H. Cool, Bellefontaine, Ohio. Air-brake.	811,525	Jan. 30	5862	1229	120	1429
Stichelt, Albert V., Gand, Belgium. Flexible tire.	816,889	Apr. 3	681	141	121	1510
Sticht, John H., Westmount, Canada. Stairway.	826,621	July 24	3980	823	123	1059
Stichweh, Louis F., Dayton, Ohio. Game apparatus.	816,758	Apr. 3	401	91-2	121	1447
Stick, Henry S., Glenville, Pa. Animal-trap.	833,562	Oct. 16	3127	664	124	2061
Stickel, Frederick, Chicago, Ill. Apparatus for drawing beer, &c.	814,094	Mar. 6	187	37	121	41
Stickle, Fredrick W., assignor of one-half to E. W. Beach, Waterbury, Conn. Truck-wheel.	810,438	Jan. 23	3755	773	120	938
Stickle, George W., St. Albans, Vt. Carpet-holding frame.	833,901	Oct. 23	3866	821	124	2288
Stickney, Allison M., Medford, Mass., assignor to Wellman Sole Cutting Machine Company, Portland, Me. Knife-carrying mechanism for sole-cutting machines.	815,486	Mar. 20	3028	632	121	767
Stickney, Allison M., Medford, Mass., assignor to Wellman Sole Cutting Machine Company, Portland, Me. Machine for cutting blanks with beveled edges.	815,564	Mar. 20	3176	666-7	121	798
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	810,359	Jan. 16	3552	730-1	120	859
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	810,360	Jan. 16	3555	731-2	120	860
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	815,565	Mar. 20	3177	667	121	799
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	811,182	Jan. 30	5230	1095	120	1294
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	811,183	Jan. 30	5232	1095	120	1295
Stickney, Charles A., St. Paul, Minn. Saw-frame.	826,698	July 24	4117	855	123	1094
Stickney, Henry R., Portland, Me. Turn-table for automobiles.	813,462	Feb. 27	3889	852	120	2478
Stidder, James G., Brockley, London, England. Method of and means for constructing walls, partitions, and the like.	822,559	June 5	642	129	122	1867
Stidworthy, Daniel B., <i>et al.</i> (See Skidmore, Charles, assignor.)						
Stiebel, Joseph L., <i>et al.</i> (See Sohlberg, Edmond W., assignor.)						
Stiefel, John W. (See Johnsen, Charles B., assignor.)						
Stiefel, Ralph C., Ellwood City, Pa., assignor, by mesne assignments, to National Tube Company. Mechanism for feeding tubular billets.	811,526	Jan. 30	5863	1229-30	120	1429
Stiefel, Ralph C., Ellwood City, Pa., assignor to National Tube Company, New York, N. Y. Apparatus for rolling tubes and tubular bodies.	813,597	Feb. 27	4154	911	120	2538
Stiefel, Ralph C., Ellwood City, and J. H. Nicholson, Pittsburg, Pa., assignors, by mesne assignments, to National Tube Company. Adjustable mill for cross-rolling metal billets.	830,462	Sept. 4	1133	237-8	124	280
Stieglmeyer, John E., Indianapolis, Ind. Automatic locomotive-controller.	828,344	Aug. 14	1323	280	123	2022
Stiegler, Oscar M., Boston, Mass. Holder for commutator-brushes.	839,522	Dec. 25	4459	951	125	2586
Stieglitz, Jacob. (See Smith and Stieglitz.)						
Stiel, Anton, Jefferson, Wis. Burning bricks.	832,432	Oct. 2	831	160	124	1412
Stieler, Carl, Chicago, Ill. Smoke-stack.	838,060	Dec. 11	1556	334	125	1786
Stiennon, Louis, Herstal, Belgium. Firearm.	836,472	Nov. 20	3124	663	125	868
Stieper, Wilhelm, Kiel, Germany. Contrivance for the fastening of flying scaffolding to iron joists.	827,268	July 31	5279	1095	123	1397
Stigberg, Alfred O., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Party-line telephone-exchange system.	828,866	Aug. 14	2339	498	123	2281
Stigberg, Alfred O., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Thermal cut-out and circuit-changer.	833,425	Oct. 16	2852	604	124	1997
Stiles, Conrad A. (See Bailey, Ralph W., assignor.)						
Stiles, George A., Somerville, Mass. Eyeglass-fitting.	815,487	Mar. 20	3028	632	121	767
Stiles, Henry, Niles, assignor of one-half to W. S. Reed, Cleveland, Ohio. Hinge.	830,022	Sept. 4	219	42	124	54
Still, David, Milton, Oreg. Threshing-machine.	833,700	Oct. 16	3408	726	124	2126
Still, S. S. (See De Vos, Arie, assignor.)						
Stillesen, August, New York, N. Y. Manufacture of artificial fuel.	809,998	Jan. 16	2777		120	695
Stillman, Francis H. (See Wigtel, Carl, assignor.)						
Stillman, Henry B., Upper Montclair, N. J. Safety-razor.	836,410	Nov. 20	3002	637	125	840
Stillman, Marie. (See Jensen, Jacob F., assignor.)						
Stillman, Walter S., New Brighton, N. Y. Display-form.	815,566	Mar. 20	3179	667	121	799
Stillwell, Frederick W., Scranton, Pa. Combined bayonet and telescope.	813,677	Feb. 27	4307	948	120	2571
Stillwell, Jerry. (See Ferrell and Stillwell.)						
Stillwell, Lewis B., Lakewood, N. J. Electric car.	811,967	Feb. 6	868	191-2	120	1666
Stillwell, Charles B., Wayne, Pa. Paper-feeding machine.	808,883	Jan. 2	510	110-15	120	114
Stillwell, Fenton E., Geneva, N. Y. Heater.	826,907	July 24	4525	941	123	1195
Stimart, Louis, Green Bay, Wis. Beet-harvester.	819,029	Apr. 24	4953	1063	121	2603

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Stimple, Ralph H., Batavia, Ill. Machine for sorting seed-corn.....	838,220	Dec. 11	1905	408-9	125	1872
Stimpson, Clarence A. (See Lloyd, William F., assignor.)						
Stimpson Computing Scale Company. (See Dunn, Frank P., assignor.)						
Stimpson, Edward S. (See Smith and Stimpson.)						
Stimpson, Edward S., assignor to Draper Company, Hopedale, Mass. Filling-replenishing mechanism for looms.....	834,945	Nov. 6	101	26-7	125	37
Stimpson, Edward S., assignor to Draper Company, Hopedale, Mass. Filling tension means for looms.....	835,044	Nov. 6	323	71	125	86
Stimpson, Edward S., and W. S. Southwick, assignors to Draper Company, Hopedale, Mass. Hopper-actuating mechanism for automatic looms.....	823,644	June 19	2862	605	122	2459
Stimpson, Edwin B., New York, N. Y. Fastener.....	831,901	Sept. 25	4060	845	124	1120
Stimpson, Walter F., Detroit, Mich. Cheese-cutter.....	828,437	Aug. 14	1501	316	123	2068
Stimson, Oscar M., Chicago, Ill. Combined freezer and refrigerator car.....	833,648	Oct. 16	3311	704	124	2104
Stimson, Oscar M., assignor to J. M. Hopkins, Chicago, Ill. Safety-bracket for card-doors.....	817,015	Apr. 3	937	193	121	1566
Stine, John R., assignor to New York Leather Belting Company, New York, N. Y. Leather mat.....	837,431	Dec. 4	311	74	125	1433
Stine, Virgel E., Clearfield, Pa. Fruit-receptacle.....	824,514	June 26	4532	961	122	2876
Stinebrink, George W., Shreve, Ohio. Sawmill.....	835,647	Feb. 27	3890	852	120	2478
Stiner, James H., Gowen, Pa. Tack-puller.....	812,701	Feb. 13	2369	518	120	2045
Stinson Bros. (See Schoen, August C., assignor.)						
Stinson, Daniel O., Falkville, Ala. Order-box for train-despatchers.....	819,945	May 8	1810	391-2	122	468
Stinson, Daniel O., Falkville, Ala. Telegraph instrument.....	835,647	Nov. 13	1535	328	125	432
Stinson, William J., Minneapolis, Minn. Acetylene-gas plant.....	809,473	Jan. 9	1760	363	120	420
Stirckler, Frank B., Revere, assignor to J. W. Mackintosh, Sharon, Mass. Lacing-tip.....	819,946	May 8	1812	392	122	468
Stirling Consolidated Boiler Company. (See Brown and Harter, assignors.)						
Stirling, D. W., et al. (See Stirling, Joseph C., assignor.)						
Stirling, Joseph C., Bakerstown, assignor of four-sixths to D. W. Stirling and J. Ritts, Glade Mills, Pa. Elevating device.....	811,968	Feb. 6	871	192	120	1666
Stirling Silk Manufacturing Company. (See Kenz, Eugene, assignor.)						
Stirling, William E., Baltimore, Md. Die attachment for paper-cutters.....	819,615	May 1	1127	249-50	122	253
Stirzaker, Arthur F., Lorain, Ohio. Hose-coupling.....	832,757	Oct. 9	1485	298	124	1611
Stiteley, George J. (See Decker, Earle H., assignor.)						
Stites, Townsend, assignor to Welsbach Light Company, Gloucester City, N. J. Mantle-support.....	810,991	Jan. 30	4859	1012	120	1215
Stitt, Gilbraith, Saltsburg, Pa. Conveyor.....	823,900	June 19	3340	711-12	122	2554
Stivers, John O., Denver, Colo. Nail-clenching device for the heels of wooden lasts.....	822,489	June 5	507	103	122	1837
Stivers, John O., Denver, Colo. Corn and bunion easing attachment for boot and shoe lasts.....	838,146	Dec. 11	1761	378	125	1837
Stivers, William D. (See Brookfield and Stivers.)						
Stivers, William D. (See Shady and Stivers.)						
Stock, Friedrich. (See Lauber and Stock.)						
Stock, Robert, Buffalo, N. Y. Bottle-stopper.....	822,400	June 5	330	68	122	1798
Stockdell, Clarence L., Atlanta, Ga. Handle or grip.....	814,570	Mar. 6	1140	238	121	247
Stocker, Basil E. S., Wellington, New Zealand. Cleaner for rifles and shotguns.....	821,198	May 22	4443	946	122	1167
Stocker, George W. (See Harris and Stocker.)						
Stocker, John W., Chicago, Ill. Card-painting machine.....	823,645	June 19	2867	605-6	122	2461
Stockfleth, John, Nevada City, Cal. Breast-board for underground mining.....	835,839	Nov. 13	1884	399	125	518
Stockham, William G., Piqua, Ohio. Sand-mixer.....	823,710	June 19	2979	630	122	2483
Stockholms Allmänna Telefon Aktiebolag. (See Piltz, Gottlieb M. T., assignor.)						
Stocking, Harry W., assignor of fifteen twenty-fourths to C. J. Volk, A. G. Stoll, and H. T. James, San Francisco, Cal. Oil-distributing apparatus.....	826,286	July 17	3228	668	123	849
Stockland, Charles K. (See Russell, Richard, assignor.)						
Stockle, Carl C., et al. (See Perini, Vittorio A. de, assignor.)						
Stocklin, William C. (See Chase and Stocklin.)						
Stockman, William H., assignor to T. H. Wall, Buffalo, N. Y. School-desk.....	816,272	Mar. 27	4637	983	121	1166
Stockmeir, Hans, Baltimore, Md. Musical instrument.....	809,539	Jan. 9	1881	390	120	447
Stocks, Harry B., Manchester, England. Party-line system of telephones.....	827,825	Aug. 7	269	54-5	123	1738
Stocks, Harry B., assignor to Climax Patents Limited, Manchester, England. Power-hammer.....	838,363	Dec. 11	2171	471-2	125	1937
Stockton, Harry N. (See Martin and Stockton.)						
Stockwell, Herbert C., Los Angeles, Cal. Time-lock.....	833,094	Oct. 9	2144	452	124	1771
Stockwell, Homer K., Onaway, assignor to L. T. Kline, Alpena, Mich. Machine for turning and boring articles, such as spools, &c.....	815,567	Mar. 20	3181	668	121	800
Stoddard, Edgar R., assignor to E. H. Sleman, Detroit, Mich. Hydrant.....	820,940	May 15	3901	832	122	987
Stoddard, Haserick, Richards & Company. (See Henry, William, assignor.)						
Stodders, John W., Morden, Manitoba, Canada. Rotary engine.....	830,621	Sept. 11	1475	305-6	124	396
Stocklein, Joseph, and J. C. Turner, Dayton, Ohio. Combined shade and curtain roller support.....	827,826	Aug. 7	273	56	123	1738
Stoeser, Alexander J., Chicago, Ill. Machine for making concrete walls.....	839,667	Dec. 25	4750	1015	125	2656
Stoeser, Alexander J., Chicago, Ill. Machine for molding walls, &c.....	839,668	Dec. 25	4753	1015-16	125	2657
Stoess, Louis, Penzig, Germany. Chimney for incandescent gas-burners.....	812,610	Feb. 13	2202	479	120	2014
Stoetzel, Joseph J., Chicago, Ill., assignor to Universal Pneumatic Transmission Company, of Maine. Pneumatic-despatching-tube system.....	817,016	Apr. 3	939	193-4	121	1567
Stoffel, Fernand, Paris, France. Manufacture of vegetable strips.....	812,463	Feb. 13	1897	419	120	1953
Stoffer, Jacob L., Homeworth, assignor of one-half to L. E. Yaggi, Cleveland, Ohio. Rail-joint.....	838,475	Dec. 11	2396	519	125	1992
Stokely, Wells R., St. Augustine, Fla. Machine for making veneer barrels.....	833,983	Oct. 23	4138	879	124	2349
Stoker, Albert E., Kansas City, Mo. Rotary motor.....	835,045	Nov. 6	335	71	125	86
Stokes, Charles F., assignor to C. B. Stokes, Washington, D. C. Splint-stretcher.....	820,026	May 8	2038	447	122	516
Stokes, Charlotte B. (See Stokes, Charles F., assignor.)						
Stokes, Delmer F., assignor of one-half to A. Moore, Jr., Kenton, Ohio. Mail-bag catcher.....	814,630	Mar. 6	1254	264	121	272
Stokes, Frederick W. S., Westminster, England. Free-roller sluice.....	825,944	July 17	2582	536	123	690
Stokes, Frederick W. S., Westminster, London, England. Free roller-sluice.....	838,664	Dec. 18	2769	593-4	125	2127
Stokes, Harold, London, England. Coupling device for electric conductors.....	839,224	Dec. 25	3863	831	125	2440
Stokes, Miles M., Nashville, Tenn. Halter.....	813,062	Feb. 20	3086	676	120	2250
Stokes, Percy. (See Smith and Stokes.)						
Stokes and Smith Company. (See Cardy, William A., assignor.)						
Stokes & Smith Company. (See Garrett, Charles A., assignor.)						
Stokesbury, Alvaro R., Washington Court-House, and T. B. Lawhead, Greenfield, Ohio. Rein-supporter.....	812,896	Feb. 20	2744	604	120	2173
Stokoe, Carl E., Grand Haven, Mich. Mold for making concrete fence-posts.....	810,579	Jan. 23	4049	833	120	1004
Stokoe, John M., Cleveland, assignor to Prince Stokoe Oil Stove Company, Cincinnati, Ohio. Broiler.....	809,639	Jan. 9	2093	434	120	491
Stolkrantz, John W., Buffalo, N. Y. Grapple.....	834,590	Oct. 30	5388	1143	124	2709

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Stoll, A. G., <i>et al.</i> (See Stocking, Harry W., assignor.)						
Stoll, Heinrich, Jr., Reutlingen, Germany. Knitting-machine	813,251	Feb. 20	3452	761	120	2325
Stoll, Heinrich, Jr., Reutlingen, Germany. Lamb knitting-machine	815,760	Mar. 20	3606	757	121	893
Stoll, John, assignor to A. M. Dellinger, Lancaster, Pa. Belt clamp-plate	814,095	Mar. 6	189	38	121	41
Stoll, William, Ashtabula, Ohio. Machine for making hat-frames	814,992	Mar. 13	1972	415	121	484
Stolp, Frank H., and C. Wright, assignors to Long Manufacturing Company, Chicago, Ill. Making radiator-tubes	817,938	Apr. 17	2777	601	121	2080
Stolp, Frank H., and C. Wright, assignors to Long Manufacturing Company, Chicago, Ill. Machine for making radiator-tubes	817,939	Apr. 17	2779	601-2	121	2081
Stolpe, Hugo, Pankow, Germany. Twine holder and cutter	817,598	Apr. 10	2082	439-40	121	1870
Stolt, Adolph J., Manistee, Mich. Permutation-lock	839,333	Dec. 25	4071	873	125	2492
Stoltenberg, Henry, assignor to White Lily Washer Company, Davenport, Iowa. Cylinder-cooling device for gasoline-engines	828,867	Aug. 14	2344	498	123	2284
Stoltz, Melville, New York, N. Y., assignor to Acme Novelty Company, of New York. Amusement device	817,401	Apr. 10	1696	358	121	1790
Stoltzfus, Benjamin F., Laurel, Miss. Service-box closure	832,093	Oct. 2	134	29	124	1245
Stoltzfus, Ezra, Gap, Pa. Air-ship	836,224	Nov. 20	2624	552	125	749
Stoltzfus, Sylvanus H., and A. S. Wolf, Chambersburg, Pa. Dust-collector	833,490	Oct. 16	3000	636-7	124	2030
Stoltzman, Jennie A., Los Angeles, Cal. Presser-foot for sewing-machines	829,679	Aug. 28	4069	862	123	2793
Stolz, Friedrich, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Alkylaminoacetopyrocatechol and making same	815,653	Mar. 20	3357		121	839
Stolz, Friedrich, and B. Reuter, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Alkamin ester	820,830	May 15	3659		122	933
Stolz, Friedrich, and G. Korndörfer, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Alkamin ester	828,070	Aug. 7	767		123	1860
Stolz, Friedrich, and G. Korndörfer, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Alkamin ester	828,071	Aug. 7	767		123	1860
Stone, Bradley L., and G. M. Dressel, Belpre, Ohio. Telephone attachment	835,119	Nov. 6	491	99	125	126
Stone, Charles T. (See Davidson, Lincoln D., assignor.)						
Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Interlocking switch	818,309	Apr. 17	3516	754	121	2238
Stone, Clinton M., assignor of two-thirds to F. I. Barrows, trustee, and F. I. Barrows, Connersville, Ind. Storm-front for vehicles	824,515	June 26	4533	962	122	2877
Stone, Francis I., assignor of one-fourth to H. W. Lightfoot, Atlanta, Ga. Dye-vat	814,173	Mar. 6	334	68	121	73
Stone, Fred L., Schenectady, N. Y., assignor to General Electric Company. Rheostat	812,611	Feb. 13	2203	480	120	2014
Stone, George M., <i>et al.</i> (See Desy, Irene, assignor.)						
Stone, Harry W., Brooklyn, N. Y. Directory attachment	823,559	June 19	2702	571	122	2422
Stone, John A., Chicago, Ill., assignor to International Harvester Company. Corn harvester and husker	814,812	Mar. 13	1640	344	121	417
Stone, John A., Chicago, Ill., assignor to International Harvester Company. Chain-belt tightener	829,091	Aug. 21	2806	590	123	2434
Stone, Lincoln L., Canton, Pa. Eyeglasses	828,253	Aug. 7	1092	230	123	1936
Stone, Nathaniel B., Outlook, Wash. Cue-rack	815,228	Mar. 13	2480	516	121	599
Stone, Nathaniel B., Outlook, Wash. Convertible sofa and table	816,616	Apr. 3	152	31-2	121	1395
Stone, Russel E. (See Beatty, John H., assignor.)						
Stone, Samuel N., Attleboro, Mass. Eyeglass connection	836,057	Nov. 13	2253	482	125	605
Stone & Webster. (See Mighill, Thomas A., assignor.)						
Stone, Wilbur M. (See Chapman and Stone.)						
Stone, Wilbur M., trustee. (See Mudge, Benjamin C., assignor.)						
Stone, Wilbur M., New York, N. Y., assignor to Continental Paper Bag Company, Rumford Falls, Me. Paper-bag machine	820,678	May 15	3336	716	122	861
Stone, Wilbur M., New York, N. Y., assignor to Arlington Company. Making combs	823,001	June 12	1530	318-19	122	2110
Stone, William F., <i>et al.</i> (See McCall, William W., assignor.)						
Stone, William K., Hunt, Ark. Cotton-gin breast-hinge	828,438	Aug. 14	1505	316	123	2069
Stonebridge, Charles H., New York, N. Y. Collapsible box	836,411	Nov. 20	3004	637	125	841
Stonebridge, Charles H., New York, N. Y. Collapsible box	836,412	Nov. 20	3007	637-8	125	841
Stoneburner, Charles D. (See Stoneburner, John S. H. and C. D.)						
Stoneburner, John S. H. and C. D., Arlington, Va. Feed-box	811,592	Feb. 6	114	25	120	1510
Stoner, Lewis H., Albany, Ind. Cement post	836,473	Nov. 20	3125	663	125	869
Stoner, Nathan C., Sistersville, W. Va. Lining working barrels and pipes	816,890	Apr. 3	683	141	121	1510
Stoney, George G. (See Parsons and Stoney.)						
Stonnett, Susan V., Woodbridge, Va. Scissors cutting-gage	839,669	Dec. 25	4757	1016	125	2657
Stoops, John A., Fenelon, Pa. Sucker-rod elevator	839,670	Dec. 25	4758	1017	125	2657
Stoops, John A., Fenelon, Pa. Rod-adjuster for pumping-wells	839,671	Dec. 25	4759	1017	125	2658
Stoops, John C. (See Zimmerman, Stoops, and Lane.)						
Stoppie, John J., Dallas, Tex. Baling-press	824,599	June 26	4707	1001-2	122	2914
Stoppie, John J., Dallas, Tex. Baling-press	824,600	June 26	4709	1002	122	2914
Storck, Daniel B. (See Miller and Storck.)						
Storck, Richard C., Earlham, Iowa. Corn-shock carrying and dumping attachment for harvesters	829,301	Aug. 21	3261	687	123	2546
Storer, Norman W. (See Siegfried and Storer.)						
Storey, Andrew W., Moston, near Manchester, England. Fusible link	811,256	Jan. 30	5379	1122	120	1328
Storey, Edwin A., Newark, N. J. Electric furnace	832,511	Oct. 2	979	196	124	1447
Storey, James H., <i>et al.</i> , executors. (See Doeblar, Charles F., assignor.)						
Stork, Jonas, <i>et al.</i> (See Loewenstein, Maxmilian, assignor.)						
Storle, Ole O., Burlington, Wis. Elastic-fluid turbine	810,992	Jan. 30	4860	1012	120	1216
Storm, Charles E., Trowbridge, Ill. Corn-harvesting machine	817,200	Apr. 10	1300	271	121	1707
Storm, Edwin R., New York, N. Y. Printing-plate holder	809,229	Jan. 2	1204	246	120	266
Storm, Francis, Maywood, N. J. Hydrometer test-jar	810,361	Jan. 16	3559	732	120	862
Storm, Katherine L., Philadelphia, Pa. Abdominal supporter	825,561	July 10	1803	381	123	482
Storm, Ralph L., Waterloo, Iowa. Safety match-box	814,745	Mar. 13	1508	319	121	390
Storms, Douglas G., Hamilton, Canada. Supporting apparatus for pathological conditions requiring a sitting position	810,580	Jan. 23	4050	833	120	1004
Storr, Burt E., Willits, Cal. Door and window securer	837,575	Dec. 4	640	147	125	1513
Storr, David C. (See Perks, Charles J., assignor.)						
Story, Leonidas J. (See Yeiser, John C., assignor.)						
Story, Milton W., assignor of one-half to E. De Witt, Indianapolis, Ind. Attachment for wash-tubs	808,702	Jan. 2	152	35	120	36
Story, Richard N., Philadelphia, Pa. Reversible rotary engine	835,330	Nov. 6	911	193-4	125	230
Story, Willard A., and W. A. Hall, Chillicothe, Ohio. Lifting-jack	821,840	May 29	5736	1221	122	1509
Story, Zachariah T., assignor of one-half to E. O. Lewis, Calhoun, La. Railway cattle-guard	839,225	Dec. 25	3864	831	125	2440
Stosick, Joseph J., Milwaukee, Wis. Chain hoist	833,253	Oct. 16	2508	524	124	1910
Stott, David. (See Morehead, John, assignor.)						
Stotts, Elza S. (See Dickey, Lester, assignor.)						
Stotz, Henry, Albert Lea, Minn. Box-fastener	812,308	Feb. 13	1617	355	120	1894

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Stouffer, Elmer E., Mineral Ridge, Ohio. Self-oiling wheel.	829,680	Aug. 28	4070	862	123	2794
Stouffer, Elmer E., Mineral Ridge, and G. W. Tidrick, Dillonvale, assignors of one-third to G. H. Hornickel, Massillon, Ohio. Tipple.	835,574	Nov. 13	1386	297-8	125	394
Stoughton, Joseph M. (See Hess and Stoughton.)						
Stoughton, William S. (See Raymond and Stoughton.)						
Stout, George G., Parkersburg, W. Va. Electric-circuit breaker.	822,084	May 29	6189	1319	122	1613
Stout, Robert P., Denver, Colo. Fence-post.	831,119	Sept. 18	2474	523	124	674
Stout, Robert P. (See Hughes and Stout.)						
Stout, Robert P. (See Meigs and Stout.)						
Stout, Robert P., assignor to Bethlehem Steel Company, South Bethlehem, Pa. Shrapnel.	810,582	Jan. 23	4052	834	120	1005
Stout, Robert P., and F. G. Hughes, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Sighting attachment for guns.	810,581	Jan. 23	4051	833-4	120	1005
Stout, William E. (See Rudd and Stout.)						
Stout, William H., Dayton, Ohio. Cylindrical-box trimmer.	811,593	Feb. 6	117	25	120	1511
Stovall, Sidney P., Trinidad, Colo. Agricultural implement.	836,841	Nov. 27	3880	828	125	1093
Stovel, Charles J. (See Stovel, Frederick B., assignor.)						
Stovel, Frederick B., Toronto, Canada, assignor of one-half to C. J. Stovel, San Francisco, Cal. Picture frame and mounting.	823,307	June 12	2197	458	122	2256
Stover, Benjamin H., La Crosse, Kans. Means for raising and lowering gang-plows.	831,752	Sept. 25	3731	781	124	1037
Stovering, Frank, et al. (See Fritch, Joseph C., assignor.)						
Stow, Audley H., Hunter, W. Va. Gun.	809,640	Jan. 9	2094	434	120	491
Stow, Audley H., Hunter, W. Va. Gasolene-flame projector.	825,619	July 10	1928	408	123	512
Stow, Audley H., Switchback, W. Va. Match-holder attachment for lamps.	818,201	Apr. 17	3302	706	121	2193
Stowby, Peter N., Brooklyn, N. Y. Fluid-receptacle.	834,333	Oct. 30	4896	1037	124	2585
Stowe, Bernard A., assignor to Jandus Electric Company, Cleveland, Ohio. Means for producing air-currents.	816,759	Apr. 3	402	92-3	121	1448
Stowe, Joseph A., Arlington, assignor to Sterling-Meaker Company, Newark, N. J. Fare-register-operating device.	830,748	Sept. 11	1758	362	124	474
Stowe, Joseph A., Arlington, assignor to Sterling-Meaker Company, Newark, N. J. Car-brake.	833,140	Oct. 9	2241	472	124	1797
Stowell, Byron F., Springfield, Mass. Truing-up indicator.	826,971	July 24	4626	964	123	1220
Stowell, Edward R., Portland, Ind. Composition for the construction of bricks.	819,467	May 1	869		122	195
Stowell, James A., Leominster, Mass. Polishing-machine.	811,454	Jan. 30	5739	1201	120	1403
Strack, John, assignor of one-half to F. Brabson, Newark, N. J. Nut-lock.	819,947	May 8	1812	392	122	468
Straesser, Christian, Peoria, Ill. Line-holder.	809,403	Jan. 9	1621	329	120	389
Strahl, Ernst, Hamburg, Germany. Woven surgical bandage.	835,083	Nov. 6	426	85	125	112
Straight, A. L. (See Field, Bertrand L., assignor.)						
Strain, Charles M., assignor of one-third to Davidson Bros., Crawfordsville, Iowa. Disk-sharpener.	809,334	Jan. 9	1455	294-5	120	354
Strait, Elmer E. (See Strait, Brahm, and Strait.)						
Strait, John, J. Brahm, and E. E. Strait, Rock Rapids, Iowa; said John Strait assignor to said E. E. Strait and said J. Brahm. Mold.	833,701	Oct. 16	3412	726-7	124	2127
Strand, John B., and J. H. Haugen, Chicago, Ill. Sofa-bed.	816,134	Mar. 27	4374	925	121	1110
Strange, Albert B. (See Laforêt, Jean, assignor.)						
Strange, Albert B. (See Laforêt, Jean, assignor.) (Reissue.)						
Strange, Joshua, assignor of one-half to L. Strange, Marion, Ind. Seed-corn-hanging rack.	831,484	Sept. 18	3168	670	124	852
Strange, Leonard. (See Strange, Joshua, assignor.)						
Strange, William H., assignor of one-half to J. P. Sullivan and R. H. Langston, Chicago, Ill. Floor-polisher.	821,763	May 29	5587	1190	122	1476
Stransky, John A., Pukwana, S. D. Cement fence-post.	817,017	Apr. 3	944	194	121	1568
Stratton, Maurice, New York, N. Y. Bail-supporting device.	814,246	Mar. 6	484	100	121	104
Stransky, Maurice, New York, N. Y. Strainer.	815,874	Mar. 20	3847	815	121	942
Strasburg, Frederick E., Rumford Falls, Me., assignor to Continental Paper Bag Company. Paper-bag machine.	809,230	Jan. 2	1208	246-7	120	268
Strasburg, Frederick E., Rumford Falls, Me., assignor to Continental Paper Bag Company. Cutting mechanism.	810,993	Jan. 30	4862	1012-13	120	1216
Strasburg, Frederick E., Rumford Falls, Me., assignor to Continental Paper Bag Company. Paper-bag machine.	812,378	Feb. 13	1740	381-3	120	1921
Strasburg, Frederick E., Rumford Falls, Me., assignor to Continental Paper Bag Company. Paper-bag machine.	816,193	Mar. 27	4486	951-3	121	1134
Strasburger, Frank C. H., assignor to Bottlers Machinery Manufacturing Company, Chicago, Ill. Filling-machine-valve cleaner.	833,259	Oct. 16	2510	524	124	1911
Strasshoefer, Henry W., Cleveland, Ohio. Carpet-cleaning machine.	821,764	May 29	5588	1190-1	122	1476
Strassweg, Frederick A., Evansville, Ind. Mariner's compass.	835,840	Nov. 13	1885	399	125	519
Stratta, Ernesto, Turin, Italy. Sliding inside shutter or blind.	833,563	Oct. 16	3129	664-5	124	2062
Stratton, Franklin, assignor to Stratton Rotating Engine Co., Buffalo, N. Y. Vehicle-body.	837,355	Dec. 4	154	38	125	1393
Stratton, Henry H., Chattanooga, Tenn. Curtain-shade fixture.	831,195	Sept. 18	2611	549	124	709
Stratton, Joseph P. and R. S., Sullivan, Ind. Mine-harness.	810,439	Jan. 23	3757	773	120	939
Stratton, Robert S. (See Stratton, Joseph P. and R. S.)						
Stratton Rotating Engine Co. (See Stratton, Franklin, assignor.)						
Stratton, Wilbur G., assignor to Connecticut Web Company, Bridgeport, Conn. Buckle.	828,868	Aug. 14	2345	499	123	2284
Straub, Ambrose W., Philadelphia, Pa. Grinding-mill.	827,579	July 31	5974	1239	123	1566
Straub, Detmar K., and J. A. Pottmeyer, Pittsburg, Pa. Automatic crate-soaker.	832,433	Oct. 2	832	161	124	1412
Straub, Otto, et al. (See McClelland, Caleb T., assignor.)						
Straube, Francis M., assignor of one-half to L. W. Goddard, Boulder, Colo. Wrench.	809,858	Jan. 9	2491	518	120	581
Straube, Francis M., assignor of one-half to H. W. Sheets, Boulder, Colo. Sash lock and fastener.	810,440	Jan. 23	3757	774	120	939
Straubel, Frederick L. G., Green Bay, Wis. File-cabinet.	812,962	Feb. 20	2889	637	120	2205
Straubel, Rudolf, assignor to Firm of C. Zeiss, Jena, Germany. Reflector.	835,648	Nov. 13	1536	328	125	432
Straus, Moses H., Indianapolis, Ind. Trousers-press.	810,583	Jan. 23	4053	834	120	1005
Strauss Basculé and Concrete Bridge Company. (See Strauss, Joseph B., assignor.)						
Strauss, Emil A., Chicago, Ill. Safe-bolt-actuating mechanism.	827,999	Aug. 7	616	126	123	1823
Strauss, Joseph, Washington, D. C. Making armor-plate.	815,985	Mar. 27	4049	856	121	1038
Strauss, Joseph B., Chicago, Ill. Bridge and making the same.	811,257	Jan. 30	5380	1122-3	120	1328
Strauss, Joseph B., assignor to Strauss Basculé and Concrete Bridge Company, Chicago, Ill. Open-ballasted floor for railways.	837,647	Dec. 4	746	170-1	125	1539
Strauss, Julian B., New Orleans, La. Mixing apparatus.	829,127	Aug. 21	2892	607	123	2457
Strauss, Julius. (See Bleichrode, Jacob B., assignor.)						
Strauss, Julius, Astoria, Oreg. Carrying-handle.	821,967	May 29	5974	1273	122	1561
Strauss, Karl, et al. (See Abel, Willy, assignor.)						
Straw, Henry, Anacortes, Wash. Jewel remover and seater.	839,045	Dec. 18	3456	747	125	2294
Strawbridge, William, Burnside, South Australia, Australia. Means and apparatus for trapping rabbits and other animals.	821,199	May 22	4444	946	122	1167
Strawhorn, Joseph. (See Dunn, Louis, assignor.)						
Streams, Charles J., assignor of one-half to H. H. Wason, Amethyst, Colo. Hasp-lock.	834,591	Oct. 30	5390	1144	124	2709

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Strean, David C. (See Dial, Robert E., assignor.)						
Streator Metal Stamping Company. (See Halladay, Lewis P., assignor.)						
Streator Metal Stamping Company. (See Morris, James, assignor.)						
Strecker, Charles B. (See McCoy, Andrew T., assignor.)						
Strecker, Hans H. (See Strecker, Otto C. and H. H.)						
Strecker, Otto C., Darmstadt, Germany. Electrolytically preparing metals or alloys for lithographic purposes.	810,889	Jan. 23	4638	966-7	120	1132
Strecker, Otto C., Darmstadt, and H. H. Strecker, Mainz, Germany. Deep etching of zinc by electrolysis.	815,875	Mar. 20	3848		121	942
Streep, Daniel H., and J. W. Oelenschlager, Norristown, Pa. Steam-separator and automatic shut-off.	808,701	Jan. 2	150	35	120	35
Streeter, Alfred L., Chicago, Ill., assignor to American Brake Shoe & Foundry Company, Jersey City, N. J. Brake-shoe.	837,356	Dec. 4	156	39	125	1394
Streeter, Egbert M., Tacoma, Wash. Trap.	830,381	Sept. 4	977	203	124	241
Streeter, Herbert A., Chicago, Ill. Metal clip for uniting metal beams.	810,819	Jan. 23	4481	932	120	1100
Streeter, William, and E. Wallis, Rochester, N. Y. Permutation-lock.	821,548	May 22	5138	1096	122	1319
Strehlenert, Robert W., Djursholm, Sweden, and F. Reubold, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Cellulose compound and making the same.	812,098	Feb. 6	1133		120	1719
Strehlow, Herman F., Casselton, N. D. Fish-hook.	835,766	Nov. 13	1743	372	125	482
Strehlow, Oscar E., Chicago, Ill. Dump-vehicle.	828,581	Aug. 14	1792	378	123	2145
Streib, John P. (See Lindström and Streib.)						
Streich, Frank, Chicago, assignor to P. F. Carroll, Joliet, Ill. Dough-divider.	824,959	July 3	572	113-14	123	152
Streich, Frank, Chicago, assignor, by mesne assignments, to Champion Machinery Company, Joliet, Ill. Dough-molding machine.	835,204	Nov. 6	658	136	125	167
Streitzig, Karl, Leipzig, Germany. Traction-rope grip for aerial tramways.	831,309	Sept. 18	2848	604	124	772
Strickland, Andrew C. (See Smith and Strickland.)						
Strickland, De Witt W., Magnolia, Miss. Cultivator and planter.	818,922	Apr. 24	4741	1019	121	2557
Strickland, De Witt W., Magnolia, Miss. Cultivator.	818,923	Apr. 24	4744	1019	121	2557
Strickland, George H., Warren, Ohio. Wrench.	818,310	Apr. 17	3518	755	121	2238
Strickland, James L., Westport, assignor of fifty-one one-hundredths to H. R. McLellan, St. Johns, Canada. Rotary engine.	823,821	June 19	3184	673-4	122	2529
Strickland, Louis P., administratrix. (See Pickles, James D.)						
Strickler, William H., assignor to Federal Construction Co., Chicago, Ill. Amusement apparatus.	817,402	Apr. 10	1697	358-9	121	1791
Strickler, William H., assignor to Federal Construction Company, Chicago, Ill. Inclined railway.	817,940	Apr. 17	2782	602	121	2081
Strickler, Wilson H., Columbus, Ohio. Insulating composition.	835,142	Nov. 6	546		125	139
Stringer, Thomas, Girard, Ohio. Water-gage mechanism.	809,474	Jan. 9	1762	364	120	421
Stringfellow, Robert L., White Bluffs, Tenn. Animal-trap.	819,255	May 1	437	92	122	102
Stripe, Henry, Milan, Kans. Corn-cultivator.	815,229	Mar. 13	2481	516-17	121	600
Striplin, Abel M., Escondido, Cal. Fruit cutting, pitting, and spreading device.	820,150	May 8	2301	503	122	575
Strobel, Edward F., Pittsburg, Pa. Bottle-locking device.	815,654	Mar. 20	3357	702	121	839
Strobel, Fredrick H., Baltimore, Md. Beer-cooler.	818,056	Apr. 17	3001	648	121	2128
Strobel, James W., et al. (See Brendel, Frank E., assignor.)						
Stroh, John W., Decatur, Ill. Washing-machine.	811,804	Feb. 6	508	114	120	1594
Stroh, Victor, Poplar Bluff, Mo. Attachment for adding-machines.	829,337	Aug. 21	3379	712-13	123	2576
Strohm, Samuel D., Philadelphia, Pa. Railway signaling.	809,999	Jan. 16	2778	571-3	120	695
Strohm, Samuel D., Philadelphia, Pa. Railway signaling.	811,105	Jan. 30	5050	1056-7	120	1257
Strom, Charles, assignor to American Hoist & Derrick Co., St. Paul, Minn. Ejector for excavator-dippers.	838,914	Dec. 18	3221	696	125	2735
Ström, Fredrik E., and C. E. Elström, New York, N. Y. Bottle and cap therefor.	837,648	Dec. 4	748	171	125	1539
Strom, Victor A., assignor of one-half to W. H. Williamson, Alameda, Cal. Dredger.	813,252	Feb. 20	3453	761	120	2326
Stromberg, Alfred, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system.	835,046	Nov. 6	336	72	125	86
Stromberg-Carlson Telephone Manufacturing Company. (See Babcock, Garrison, assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Birsfield, Jules A., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Davis, William M., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Davis, William M., assignor.) (Reissue.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Haubrich, Alexander M., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Stigberg, Alfred O., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Stromberg, Alfred, assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Stroud, Harold D., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Webster, Harry G., assignor.)						
Stromer, Nicholas, Gillett, Wis. Egg-beater.	837,432	Dec. 4	312	74	125	1434
Stromgren, Gustave A., Oakland, Cal. Kitchen table and cabinet.	827,761	Aug. 7	136	29	123	1704
Strong, Abner D., Ashtabula, Ohio. Water elevating and distributing system.	832,930	Oct. 9	1841	380-1	124	1695
Strong, Arthur J., assignor of one-half to J. B. Hayward, Dayton, Ohio. Tapping and drilling machine.	814,247	Mar. 6	486	100	121	104
Strong, George W., assignor to T. B. Dates, Chicago, Ill. Keyless lock.	827,191	July 31	5142	1067	123	1365
Strong, Henry D., Chicago, Ill. Jar-closure.	831,310	Sept. 18	2849	604	124	772
Strong, Robert H., Galesburg, Ill. Envelop-stacker.	818,924	Apr. 24	4745	1019-20	121	2557
Stroock, Louis S., New York, N. Y. Lap-robe.	811,337	Jan. 30	5533	1154	120	1361
Strootman, Gregory, Buffalo, and H. J. Caner, Rochester, N. Y. Lamp shade and protector.	831,311	Sept. 18	2851	604	124	772
Strother, Robert H., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	835,575	Nov. 13	1388	298	125	395
Strotman, Samuel S., Haynie, Pa. Well-rig.	828,830	Aug. 14	2264	481-2	123	2265
Stroud, Harold D., Chicago, Ill., assignor, by mesne assignments, to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.	816,135	Mar. 27	4375	925	121	1111
Stroud, Harold D., Chicago, Ill., assignor to Stroud International Measured Service Company, St. Louis, Mo. System and apparatus for measuring telephone service.	834,538	Oct. 30	5282	1123	124	2685
Stroud, Harold D., Chicago, Ill., assignor to Stroud International Measured Service Company, St. Louis, Mo. Toll-collector.	835,292	Nov. 6	830	172	125	210
Stroud International Measured Service Company. (See Stroud, Harold D., assignor.)						
Stroud, James F., Emerson, assignor of one-half to S. Stroud, Mills county, Iowa. Gate.	814,746	Mar. 13	1509	319	121	390

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Stroud, Lewis. (See Hamilton and Stroud.)						
Stroud, Sylvester. (See Stroud, James F., assignor.)						
Stroud, Thomas F. (See Hay, Walter, assignor.)						
Stroud, Wiley N., Shreveport, La. Buggy-top support.	822,225	May 29	6469	1373	122	1676
Stroup, Emery W., Rollersville, Ohio. Pump.	818,001	Apr. 17	2901	626	121	2109
Strowger, Walter S., assignor to H. H. Pryor, Rochester, N. Y. Dough-mixer.	826,200	July 17	3079	638	123	813
Strowger, Walter S., assignor to H. H. Pryor, Rochester, N. Y. Railway-track.	826,201	July 17	3081	638	123	813
Strozier, John J., and F. M. Wilson, Willis, Tex. Fish-hook.	829,302	Aug. 21	3262	687	123	2546
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Electric signaling.	819,322	May 1	579	124	122	133
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Railway signaling.	819,323	May 1	582	124	122	134
Struble, Jacob B., Wilkinsburg, assignor to Union Switch and Signal Company, Swissvale, Pa. Signaling system.	823,646	June 19	2869	606	122	2461
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Electric signaling.	827,269	July 31	5280	1095	123	1397
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Electric signaling.	827,270	July 31	5282	1095	123	1398
Struble, Jacob B., Wilkinsburg, assignor to Union Switch and Signal Company, Swissvale, Pa. Interlocking machine for railway purposes.	838,820	Dec. 18	3055	658-9	125	2197
Struble, Jacob B., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.	822,028	May 29	6080	1295	122	1587
Struble, Jacob B., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.	822,314	June 5	182	36	122	1768
Struck, Wilhelm, Berlin, Germany. Elastic wheel-tire.	822,786	June 5	1097	226	122	1968
Struever, Rudolph F., et al. (See Nelson, John, assignor.)						
Strunce, Joseph, Chicago, Ill. Beer-pipe cleaner.	831,635	Sept. 25	3501	734	124	974
Strunsky, Max, San Francisco, Cal. Apparatus for removing dandruff and for removing dust from irregular surfaces.	828,439	Aug. 14	1506	317	123	2069
Strupat, Eduard, and E. Brosius, Chicago, Ill. Non-refillable bottle.	825,360	July 10	1345	283	123	368
Struthers, Joshua, Franklin, Pa. Device for controlling generators.	815,129	Mar. 13	2267	474	121	550
Struve, Clemens A., Fayetteville, Tex. Baling-press.	820,831	May 15	3660	781	122	934
Stuart, Charles J., Montreal, Canada. Turbine-engine.	824,449	June 26	4397	935	122	2844
Stuart, Harve R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of motor control.	819,816	May 8	1563	332	122	412
Stuart, Harve R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage-regulator.	825,956	July 17	2651	551-2	123	709
Stuart, Henry W., Fernbank, Ohio. Folding box.	817,531	Apr. 10	1963	415	121	1845
Stuart, James W., Paris, Ill. Core-cutter for cement-block machines.	812,702	Feb. 13	2370	519	120	2046
Stuart, John, Wollaston, Mass. Connecting-rod for engines.	810,994	Jan. 30	4866	1013	120	1217
Stuart, John, Worcester, Mass. Stop-block for wagons.	828,633	Aug. 14	1887	397	123	2169
Stuart, Joseph, et al. (See Duff, Hugh Y. B., assignor.)						
Stuart, Joseph, assignor to Lobdell Car Wheel Company, Wilmington, Del. Car-wheel.	834,771	Oct. 30	5774	1236	124	2806
Stuart, Richard A., Mount Gilead, N. C. Cotton-chopper.	833,855	Oct. 23	3751	797	124	2959
Stub, John, New York, N. Y. Swimming-machine.	829,672	Dec. 25	4759	1017	125	2658
Stubblebine, William, Bethlehem, Pa. Composite metal pile.	838,982	Aug. 21	2580	545	123	2373
Stubblefield, James P., Buchanan, Tenn. Toilet-case.	818,575	Apr. 24	4051	869	121	2405
Stubbs, William W., assignor of one-half to Mundy and Scott, Marshalltown, Iowa. Drain-valve for heating systems.	829,901	Aug. 28	4534	956	123	2906
Stuckjare, Joseph A., Mohall, N. D. Hoof-trimming tool.	835,331	Nov. 6	920	194	125	232
Stubler, Edward A., Oil City, Pa. Device for recovering articles from deep wells.	812,379	Feb. 13	1746	383	120	1922
Stuckes, John, St. Louis, Mo. Making candy. (Reissue.)	12,540	Oct. 9	2262	124	1802	
Stuckes, John, St. Louis, Mo. Making stick-candy. (Reissue.)	12,563	Nov. 20	3495	125	957	
Stucki, Arnold, Allegheny, Pa. Trussed car-bolster.	817,403	Apr. 10	1699	359	121	1791
Stucki, Arnold, Allegheny, Pa. Car-truck bolster.	817,404	Apr. 10	1701	359	121	1791
Stucki, Arnold, Allegheny, Pa. Side frame for railway-car trucks.	817,405	Apr. 10	1704	359-60	121	1792
Stucki, Arnold, Allegheny, Pa. Truck for railway-cars.	817,406	Apr. 10	1706	360	121	1792
Stucki, Arnold, Allegheny, Pa. Cast truck-bolster.	825,011	July 3	667	134	123	175
Stucki, Arnold, Allegheny, Pa. Journal-bearing.	826,202	July 17	3082	638	123	813
Stucki, Arnold, Allegheny, Pa. Metallic railway-car.	826,809	July 24	4315	897-8	123	1144
Stucki, Arnold, Allegheny, Pa. Car-coupling.	831,249	Sept. 18	2717	572-3	124	737
Stucki, Arnold, Allegheny, Pa. Car-coupling.	831,250	Sept. 18	2721	573	124	738
Stucki, Arnold, Allegheny, Pa. Cast truck-bolster.	831,251	Sept. 18	2723	573-4	124	739
Stucki, Arnold, Allegheny, Pa. Side bearing for railway-cars.	831,312	Sept. 18	2852	605	124	772
Stucki, Arnold, Allegheny, Pa. Cast truck-bolster.	836,474	Nov. 20	3126	664	125	869
Stucki, Arnold, Allegheny, assignor to Standard Steel Car Company, Pittsburg, Pa. Metallic underframe for passenger-cars.	824,084	June 19	3681	783	122	2636
Stucklé, Henry W. de. (See Ranson, Charles, assignor.)						
Stucky, Charles R., La Chaux-de-Fonds, Switzerland. Stem-winding mechanism for timepieces.	812,963	Feb. 20	2890	638	120	2206
Studebaker Brothers Manufacturing Company. (See Levy, George B., assignor.)						
Studley, Hervey B., Corona, N. Y. Attachment for bottles.	820,679	May 15	3341	716	122	862
Stuhr, David H., Davenport, Iowa, assignor to American Grain Purifier Constructing Company, Pierre, S. D. Apparatus for purifying grain, &c.	820,680	May 15	3342	716	122	862
Stull, Joseph S., Jr., and C. P. Berkes, Philadelphia, Pa. Pen-wiper.	835,332	Nov. 6	921	194	125	232
Stulp, Fred J., Muskegon, Mich. Water-gage.	809,859	Jan. 9	2493	518	120	581
Stultz, Thomas B. (See Copridge and Stultz.)						
Stumm, William E., Briar Hill, Pa. Toilet-case.	825,774	July 10	2272	471	123	600
Stumma, Charles, Brandon, Iowa. Motor-vehicle.	822,162	May 29	6350	1350	122	1649
Stump, Oman L., assignor of two-thirds to J. Reidenbaugh and E. D. Packard, Marion, Ohio. Feed-water heater.	810,441	Jan. 23	3759	774-5	120	939
Stump, Oman L., assignor of two-thirds to J. Reidenbaugh and E. D. Packard, Marion, Ohio. Filter for feed-water heaters.	824,389	June 26	4269	909-10	122	2818
Stumpf, Edward, Jersey City, N. J. Cake-cutter.	825,775	July 10	2273	472	123	600
Stumpf, Johann, Berlin, Germany. Condenser.	825,281	July 3	1171	248	123	305
Stumpf, Johann, Berlin, Germany, assignor to General Electric Company. Steam or gas turbine.	811,752	Feb. 6	402	88	120	1574
Stumpf, Johann, Berlin, Germany, assignor to General Electric Company. Steam-turbine.	811,805	Feb. 6	509	114	120	1594
Stumpf, Johann, Berlin, Germany, assignor to General Electric Company. Multistage steam-turbine.	819,616	May 1	1129	250	122	254
Stumpf, Johann, Berlin, Germany, assignor to General Electric Company. Turbine.	822,315	June 5	184	36	122	1768
Stumpf, Johann, Charlottenburg, Germany, assignor to General Electric Company. Steam-turbine.	821,599	May 22	5233	1116	122	1340
Stumpf, Johann, Charlottenburg, Germany, assignor to General Electric Company. Steam-turbine.	822,316	June 5	185	36	122	1768

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr & G.	Vol.	Page.
Stumpf, Johann, Charlottenburg, Germany, assignor to General Electric Company. Steam-turbine.....	822,317	June 5	187	37	122	1768
Stupe, Carl F. R., assignor of two-thirds to E. Mueller and M. Zeimet, Chicago, Ill. Pen-wiper.....	836,149	Nov. 20	2477	520	125	713
Sturdevant, Charles R., assignor to Ohio Brass Company, Mansfield, Ohio. Rail-bond.....	827,827	Aug. 7	274	56	123	1739
Sturdevant, Charles R., assignor to American Steel & Wire Company, Worcester, Mass. Rail-bond.....	834,689	Oct. 30	5594	1187	124	2763
Sturdevant, Charles R., assignor to American Steel & Wire Company, Worcester, Mass. Rail-bond.....	834,690	Oct. 30	5596	1187	124	2763
Sturgeon, Leonard A. (See Berry and Sturgeon.)						
Sturges, Lee, Chicago, Ill. Vehicle-wheel.....	833,183	Oct. 16	2351	492	124	1871
Sturgess, George F., Leicester, England. Variable-speed and brake gear.....	832,706	Oct. 9	1386	280	124	1586
Sturgis, Herbert M., Kansas City, Mo. Curtain-fixture.....	835,576	Nov. 13	1392	299	125	396
Sturgis, Samuel D., assignor of one-half to J. Y. Baruh, Los Angeles, Cal. Perforating-machine.....	838,147	Dec. 11	1763	378	125	1837
Sturgiss, Wilbur R., Conway, Ark. Hoeing-machine.....	834,691	Oct. 30	5598	1187	124	2764
Sturm, Moses M., and J. Silverstein, New York, N. Y. Hose-supporter.....	817,201	Apr. 10	1303	272	121	1708
Sturm, Moses M., and J. Silverstein, New York, N. Y. Garment-supporter.....	839,226	Dec. 25	3867	832	125	2441
Sturm, William, Chicago, Ill. Rock-drill.....	820,530	May 15	3074	661	122	806
Sturma, William, Philadelphia, Pa. Beater, mixer, and masher for eggs, cream, vegetables, &c.....	837,750	Dec. 4	947	214	125	1590
Sturman, Benjamin H., Pottsville, Pa. Combined curb and gutter.....	836,903	Nov. 27	4026	861	125	1127
Sturr, Richard W., Dayton, Ohio. Compartment-cabinet.....	823,901	June 19	3342	712	122	2564
Sturtevant, Charles A., Plainfield, N. J. Clutch.....	827,475	July 31	5775	1198	123	1518
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Side register for sheet-folding and other machines.....	823,002	June 12	1533	319	122	2111
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Folding-machine.....	824,754	July 3	104	21-2	123	30
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Front register for sheet-folding and other machines.....	824,755	July 3	112	22-3	123	33
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Frame construction for folding and other machines.....	825,429	July 10	1521	314-15	123	414
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Delivery mechanism for folding and other machines.....	830,190	Sept. 4	575	117-18	124	146
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Delivery mechanism for sheet-folding and other machines.....	835,002	Nov. 6	248	54	125	65
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Device for perforating or slitting sheets of paper and folding the same.....	839,046	Dec. 18	3457	747	125	2294
Sturtevant, Edward H., Franklin, N. H. Knitting-machine needle.....	822,401	June 5	331	69	122	1798
Sturtevant Mill Company. (See Sturtevant, Thomas L. and T. J., assignors.)						
Sturtevant, Orange S. (See Slater, James W., assignor.)						
Sturtevant, Orange S., assignor to Adrian Wire Fence Company, Adrian, Mich. Dies for tying intersecting wires.....	814,885	Mar. 13	1766	370	121	444
Sturtevant, Thomas E., assignor to McKiernan Drill Company, Dover, N. J. Valve for air-compressors.....	815,488	Mar. 20	3029	633	121	767
Sturtevant, Thomas J. (See Sturtevant, Thomas L. and T. J.)						
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass. Power-transmitting device.....	829,128	Aug. 21	2894	608	123	2457
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Motor-vehicle.....	809,475	Jan. 9	1764	364	120	421
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Lubricator.....	821,266	May 22	4568	971	122	1194
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Boston, Mass. Carbureter for gas-engines.....	825,499	July 10	1677	350	123	453
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Engine-lubricating device.....	834,498	Oct. 30	5219	1108	124	2668
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Clutch device.....	834,499	Oct. 30	5222	1109	124	2669
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Power-transmitting mechanism.....	834,592	Oct. 30	5392	1144	124	2710
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Vehicle-brake.....	838,061	Dec. 11	1558	334	125	1786
Sturts, Charles F. A., San Francisco, Cal. Electromagnet.....	824,046	Jan. 19	3618	770	122	2622
Stute, Charles, Newark, N. J. Carbureter.....	817,941	Apr. 17	2785	603	121	2082
Stutesman, Frank J., and B. F. Fertick, Chicago, Ill.; said Fertick assignor to said Stutesman. Pencil-sharpener.....	831,753	Sept. 25	3733	781	124	1038
Stütting, Heinrich, Witten, Germany. Axle-box for railway-cars.....	809,044	Jan. 9	1623	329-30	120	390
Stutson, Ada T., Columbus, Ohio. Draft connection for vehicles.....	815,655	Mar. 20	3359	703	121	839
Styles, Samuel H. (See Ward, William S., assignor.)						
Submarine Gold Mining Company. (See Scheibe, Edgar F., assignor.)						
Submarine Signal Company. (See Gale and Dewing, assignors.)						
Suchy, Robert, Griesheim-on-the-Main, assignor to Chemische Fabrik Griesheim Electron, Frankfurt-on-the-Main, Germany. Converting chromates into bichromates.....	838,757	Dec. 18	2930		125	2166
Success Brick Machinery Company. (See Reid, Frank H., assignor.)						
Suddarth, James L., Washington, D. C. Surgical table.....	810,820	Jan. 23	4483	932	120	1100
Sudekum, William, assignor of one-half to A. Schardt, Nashville, Tenn. Metallic rod-packing.....	832,434	Oct. 2	834	161	124	1413
Sudre, Charles, Paris, France. Treatment of vinasses.....	810,442	Jan. 23	3762	775	120	940
Sudre, Charles, Paris, France. Glycerin-still.....	815,761	Mar. 20	3607	757	121	893
Suerth, Joseph A., Chicago, Ill. Carrier system.....	823,822	June 19	3186	674	122	2530
Suesskind, Adolph, New York, N. Y. Advertising device.....	824,516	June 26	4537	962	122	2877
Sugrue, Timothy D., Boston, Mass. Collapsible garment-hanger.....	834,946	Nov. 6	138	27	125	39
Suhm, Arthur J. and E. A. Milwaukee, Wis. Water-craft.....	831,636	Sept. 25	3503	734	124	974
Suhm, Carl J., et al. (See Herrington, Jacob, assignor.)						
Suhm, Edgar A. (See Suhm, Arthur J. and E. A.)						
Suiter, Edwin P. (See Brew and Suiter.)						
Sulfer, Charles. (See Johnson and Sulfer.)						
Sullivan, Albert W., and W. Renshaw, Chicago, Ill. Railway-car.....	810,000	Jan. 16	2781	573-4	120	696
Sullivan, Albert W., St. Louis, Mo., and W. Renshaw, Chicago, Ill. Metal box-beam.....	810,001	Jan. 16	2786	575	120	697
Sullivan, Charles A., Windsor, Canada. Water-closet.....	811,882	Feb. 6	670	146	120	1627
Sullivan, Charles L., and W. J. Dickinson; said Dickinson assignor to Handy Car Equipment Company, Chicago, Ill. Boltless rail-splice.....	818,311	Apr. 17	3519	755	121	2239
Sullivan, Daniel O. (See Brazier and Sullivan.)						
Sullivan, Edward A., Toronto, Canada. T. W. Pritchard, Germantown, and R. W. C. Ellison, Bryn Mawr, Pa. Non-refillable-bottle attachment.....	818,312	Apr. 17	3522	756	121	2239
Sullivan, Edward A., Toronto, Canada. T. W. Pritchard, Germantown, and R. W. C. Ellison, Bryn Mawr, Pa. Non-refillable-bottle attachment.....	818,313	Apr. 17	3524	756	121	2240

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. &	Vol.	Page.
Sullivan, Francis S., Traverse City, Mich. Rotary engine.	831,754	Sept. 25	3734	781-2	124	1038
Sullivan, Frank A. (See Meigs, Jakobsson, and Sullivan.)						
Sullivan, George B., Evanston, Ohio. Car-lever.	818,576	Apr. 24	4052	869	121	2405
Sullivan, Isaac M., Springfield, assignor to National Smoke Consumer Company, Dayton, Ohio. Furnace for steam-generating boilers.	838,364	Dec. 11	2177	472-3	125	1939
Sullivan, John. (See Cushing, Joseph, assignor.)						
Sullivan, John F., Seattle, Wash. Wrench.	828,440	Aug. 14	1507	317	123	2069
Sullivan, John G., Winnipeg, Canada. Anticreeper for railways.	808,952	Jan. 2	652	142	120	144
Sullivan, John H., Grand Rapids, Mich. Mold.	813,253	Feb. 20	3455	761	120	2326
Sullivan, John P., <i>et al.</i> (See Strange, William H., assignor.)						
Sullivan Machinery Company. (See Ball, Albert, assignor.)						
Sullivan Machinery Company. (See Nelson, Sven T., assignor.)						
Sullivan, Mortimer P., Boston, Mass. Branding-tool.	818,482	Apr. 24	3838	825	121	2361
Sullivan, Neal, Media, Ill. Draft-equalizer.	833,984	Oct. 23	4140	879	124	2350
Sullivan, Patrick F., Sedalia, Mo. Railway-torpedo applicator.	830,622	Sept. 11	1477	306	121	396
Sullivan, Stephen C., Chicago, Ill. Car-door cleat and sealing device.	810,995	Jan. 30	4867	1013	120	1217
Sullivan, Timothy J., Read, Colo. Beet-harvester.	814,717	Mar. 13	1510	320	121	391
Sulman, Henry L., London, England. Ore concentration.	835,143	Nov. 6	546	111	125	139
Sulman, Henry L., H. F. Kirkpatrick-Picard, and J. Ballot, London, England. Ore concentration.	835,120	Nov. 6	493	100	125	127
Sulman, Henry L., H. F. Kirkpatrick-Picard, and J. Ballot, assignors to Mineral Separation, Limited, London, England. Ore concentration.	835,479	Nov. 6	1196	258	125	300
Sulzer, Ernest T., New York, N. Y. Toy fish-tank.	819,468	May 1	870	188-9	122	195
Sumic, Nicholas, Allegheny, Pa. Rail-joint.	815,762	Mar. 20	3609	758	121	893
Summa, Hans, Schwarzenbach-on-the-Saale, Germany. Hair-pin.	839,791	Dec. 25	4999	1067	125	2718
Summer, Henry W., East Rochester, Ohio. Box-machine.	814,333	Mar. 6	674	136-8	121	147
Summerall, William B., Atlanta, Ga. Perpetual calendar.	818,577	Apr. 24	4053	870	121	2406
Summers, Benjamin E. (See Lay, Robert J., assignor.)						
Summers, Bertrand S., Port Huron, Mich., assignor to Summers Fiber Company, Chicago, Ill. Preparing fibers.	815,876	Mar. 20	3850	815	121	942
Summers, Daniel E., Mercer, Mo. Hay-stacker.	813,925	Feb. 27	4801	1060	120	2676
Summers, Edgar W., Wilkinsburg, Pa. Car.	835,167	Nov. 6	586	119	125	148
Summers, Edgar W., Wilkinsburg, Pa. Convertible spring seat and bed.	837,751	Dec. 4	948	214	125	1560
Summers Fiber Company. (See Summers, Bertrand S., assignor.)						
Summers, George L., Huntington, W. Va. Check-holder for dump-cars.	832,347	Oct. 2	664	127	124	1372
Summers, George S., Gordonville, Mo. Chicken-brooder.	823,902	June 19	3343	712-13	122	2565
Summers, Henry C., Townsend, Mont. Box-fastener.	820,531	May 15	3075	662	122	806
Summers, John W., Mattoon, Ill. Invalid-bed.	816,048	Mar. 27	4189	888	121	1070
Summers, John W., Mattoon, Ill. Lamp-heater.	822,402	June 5	332	69	122	1798
Summers, Warren R., Georgetown, Ind. Attachment for harrows.	823,144	June 12	1845	381	122	2177
Sumner, James E., Jones, La., assignor of one-half to R. E. Jones, Wilmot, Ark. Stove.	831,485	Sept. 18	3168	670	124	852
Sumner, Virgil D., Sumner, Miss. Railway-tie.	835,716	Nov. 13	1647	350	125	458
Sumner, William A., Fairfield, Nebr., assignor of two-thirds to H. E. Spencer and C. J. Harris. Incubator-heater.	826,385	July 17	3421	709	123	896
Sumner, William J., Holyoke, assignor to Coburn Trolley Track Manufacturing Company, Williamansett, Mass. Trolley-track.	826,069	July 17	2830	587	123	754
Sumter Telephone Manufacturing Company. (See Mason, Charles T., assignor.)						
Sundberg, Per T., Stockholm, Sweden. Spring neck-bearing.	835,739	Nov. 13	1688	359	125	469
Sundby, Christian, Duluth, Minn. Weighing-scale.	824,888	July 3	424	82	123	116
Sunderman, Richard, Buffalo, N. Y. Attachment for carton-making machines.	816,273	Mar. 27	4639	984	121	1167
Sundh, August. (See Baldwin and Sundh.)						
Sundh, August. (See Otis and Sundh.)						
Sundh, August, Yonkers, N. Y. System of train control.	823,196	June 12	1959	407-9	122	2204
Sundh, August, Yonkers, N. Y., assignor to Otis Elevator Company, East Orange, N. J. System of alternating-current-motor control.	824,756	July 3	115	23	123	33
Sundh, August, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Elevator-brake.	828,983	Aug. 21	2582	545	123	2374
Sundholm, George, Albert City, Iowa. Draft-equalizer.	835,922	Nov. 13	2031	433	125	551
Sundstrom, Gabriel E. (See Levin and Sundstrom.)						
Superior Bank Company. (See Woolums, William H., assignor.)						
Superior Hay Stacker Manufacturing Company. (See Vroom, Oler P., assignor.)						
Suppernew, John W., <i>et al.</i> (See La Londe, Moses, assignor.)						
Suppes, Maximilian M., Elyria, Ohio. Skimming slag from molten metal.	809,405	Jan. 9	1626	331	120	390
Supplementary Spiral Spring Company. (See Furnidge, Samuel, assignor.)						
Surbrug, John W., New York, N. Y. Tobacco-package.	822,318	June 5	188	37	122	1768
Surety Alarm Company. (See Naser, James, assignor.)						
Surface, Walter D., Villisca, Iowa. Feed-trough.	832,094	Oct. 2	135	29	124	1245
Surface, Walter D., Villisca, Iowa. Hen's nest.	832,095	Oct. 2	136	29	124	1245
Surfacing Machine Company. (See Wattles, Cyra B., assignor.)						
Surridge, Edward H., Chadwell, Ixopo, Natal. Hat-pin.	831,902	Sept. 25	4061	846	124	1120
Surry, Samuel C. (See Gibler, John C., assignor.)						
Sury, Theodor M. A., Cleveland, Ohio. Vending apparatus.	824,831	July 3	315	57-8	123	88
Susemihl, Frank L. (See Bauer and Susemihl.)						
Susquehanna Silk Mills. (See Cleft, Bernhard, assignor.)						
Sussman, Leon. (See Wilner and Sussman.)						
Sussman, Leon, Bayonne, N. J., assignor of one-half to S. and E. R. Wilner, New York, N. Y. Loose-leaf binder.	809,587	Jan. 9	1977	410	120	466
Süssmann, Heinrich, assignor to Deutsche Gasglühlicht-Aktiengesellschaft, Berlin, Germany. Gas-burner.	823,308	June 12	2198	458	122	2256
Süssmann, Heinrich, assignor to Deutsche Gasglühlicht-Aktiengesellschaft, Berlin, Germany. Inverted incandescent gas-burner.	823,309	June 12	2200	458-9	122	2256
Sutcliffe, Frederick W., assignor to Linotype and Machinery Limited, London, England. Linotype-machine.	838,063	Dec. 11	1566	335-6	125	1788
Sutcliffe, Frederick W., assignor to Linotype and Machinery Limited, London, England. Linotype-machine.	838,064	Dec. 11	1571	336-7	125	1789
Sutcliffe, Frederick W., London, and C. Hollivell, Broadheath, assignors to Linotype and Machinery Limited, London, England. Linotype-machine.	838,062	Dec. 11	1561	334-5	125	1787
Suter, Alfred, New York, N. Y. Box-fastener.	837,752	Dec. 4	950	214	125	1591
Suter, Bessie M., Louisville, Ky. Toilet attachment for chairs.	827,192	July 31	5145	1068	123	1366
Suter, Carl, and B. Redlich, Ratibor, Germany. Electrolytic production of metals of the earthy alkalies.	813,532	Feb. 27	4034	884	120	2513
Suter, Frédéric. (See Joubert and Suter.)						
Sutlin, Willis A. (See Cutter and Sutlin.)						
Sutherland, Alexander. (See Caddell and Sutherland.)						
Sutherland, Dimock W. (See Wheildon, William M., assignor.)						
Sutherland, Emil, Hollywood, Cal. Weighing-scale.	826,070	July 17	2831	588	123	754

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Sutherland, Emil, Hollywood, assignor to T. W. Woodworth, Los Angeles, Cal. Pipe-wrench.	838,665	Dec. 18	2771	594	125	2128
Sutherland, Isaac, Fitzroy, Victoria, Australia. Aquatic roundabout.	836,614	Nov. 20	3384	721	125	931
Sutherland, James, Nome, Alaska. Thawing-point.	839,227	Dec. 25	3867	832	125	2441
Sutherland, Jesse H., Dawkins, Colo. Hay-rake attachment.	812,897	Feb. 20	2745	604	120	2173
Sutherland, John, Springer, N. Mex. Ter. Box.	823,823	June 19	3188	674	122	2530
Sutherland, Murdock E., assignor to Sutherland Rifle Sight Company, Limited, Westville, Nova Scotia, Canada. Rifle-sight.	824,960	July 3	573	114	123	153
Sutherland Rifle Sight Company. (See Sutherland, Murdock E., assignor.)						
Sutherland, Robert V., Swea township, Kossuth county, Iowa. Grading-machine.	837,753	Dec. 4	950	215	125	1591
Sutherlin, Robert M., Marshall, Mo. Apparatus for washing vehicle-wheels.	830,463	Sept. 4	1137	239	124	280
Sutro, Harry H., New York, N. Y., and L. M. Booth, Plainfield, N. J. Apparatus for treating liquids.	837,975	Dec. 11	1386	301-2	125	1741
Sutter, William R. (See Reynolds, Elmer L., assignor.)						
Sutterley, George H. (See Sutterley, Gilbert T., assignor.)						
Sutterley, Gilbert T., Bordentown, N. J., assignor to himself, and G. H. Sutterley, Philadelphia, Pa. Alcohol-lamp.	820,151	May 8	2303	503	122	576
Suttle, Willis A., Nineveh, Tex. Automatic fire-alarm.	813,533	Feb. 27	4035	884	120	2513
Sutton, Henry M., W. L. and E. G. Steele, Dallas, Tex. Separating substances of different dielectric capacities.	813,063	Feb. 20	3087	676	120	2250
Sutton, John W., Collinsville, Ind. Ter. Vehicle-spring.	813,678	Feb. 27	4309	949	120	2572
Sutton, John W., New York, N. Y. Bench for use in playing musical instruments.	820,745	May 15	3461	742	122	890
Sutton, John W., New York, N. Y. Bench for use in playing musical instruments.	822,701	June 5	952	195	122	1939
Sutton, Ross S., assignor of one-half to J. R. Miller, St. Louis, Mo. Advertising device.	839,334	Dec. 25	4072	874	125	2492
Sutton, William H., Kinston, N. C. Marking attachment for plows.	834,030	Oct. 23	4257	902	124	2379
Sutton, William H., assignor of one-half to J. T. Swank, Camden, Ark. Cotton-chopper.	811,106	Jan. 30	5058	1058	120	1259
Sutton, William S., assignor to America Company, Rockford, Ill. Lock.	810,584	Jan. 23	4055	834	120	1006
Suydam, James C., Edenton, N. C. Steam-generator.	823,230	June 12	2046	425	122	2224
Suzuki, Tozaburo, Sunamura, Japan. Vertical boiler.	810,002	Jan. 16	2787	575	120	697
Suzuki, Tozaburo, Sunamura, Japan. Flue-scraper for evaporators, boilers, and the like.	810,996	Jan. 30	4869	1013-14	120	1218
Suzuki, Tozaburo, Sunamura, Japan. Furnace.	812,380	Feb. 13	1747	383-4	120	1922
Suzuki, Tozaburo, Sunamura, Japan. Brewing soy.	825,500	July 10	1680	351	123	454
Svenson, Charles W., assignor to Corbin Screw Corporation, New Britain, Conn. Two-speed hub.	813,464	Feb. 27	3893	853	120	2479
Svenson, Charles W., assignor to Corbin Screw Corporation, New Britain, Conn. Two-speed hub.	813,465	Feb. 27	3896	854	120	2479
Svenson, Charles W., assignor to Corbin Screw Corporation, New Britain, Conn. Electrical connection.	826,287	July 17	3229	668	123	849
Svenson, John A., Pittsburg, Pa. Steam-engine.	832,635	Oct. 9	1246	251	124	1553
Svensson, Arvid H., Buffalo, N. Y. Electric terminal fixture.	835,003	Nov. 6	251	55	125	66
Svensson, Claes A., Buffalo, N. Y. Machine for making soft-metal seals.	832,883	Oct. 9	1752	361-2	124	1675
Svoboda, Lawrence, and J. Kudrle, Chicago, Ill. Cloth-pressing machine.	820,681	May 15	3346	716-17	122	863
Swagerty, Thomas L., Pleasanton, Kans. Broom-handle.	812,309	Feb. 13	1619	356	120	1895
Swaggert, Bert C., Eureka, Cal. Undercut-saw guide.	814,886	Mar. 13	1768	370	121	444
Swaggert, Bert C., Eureka, Cal. Automatic release-pulley.	839,228	Dec. 25	3869	832	125	2441
Swahn, Carl G., New York, N. Y. Kitchen-cabinet.	817,202	Apr. 10	1304	272	121	1708
Swain, David M., Stillwater, Minn. Well construction.	837,433	Dec. 4	313	75	125	1434
Swain, Fremont. (See De Vore and Swain.)						
Swain, James H., assignor, by mesne assignments, to H. M. & S. Armored Tire Company, Incorporated, Pittsburg, Pa. Tire.	826,490	July 17	3683	763	123	968
Swain, James H., assignor, by mesne assignments, to H. M. & S. Armored Tire Company, Incorporated, Pittsburg, Pa. Tire.	828,254	Aug. 7	1093	230	123	1937
Swain, Samuel R., Philadelphia, Pa. Window-cleaner.	818,002	Apr. 17	2902	626	121	2109
Swallow, Fredric, assignor of three-fourths to L. Settle, M. Haas, and J. E. Feland, Claremore, Ind. Ter. Churn.	809,031	Jan. 2	800	173	120	177
Swallow, Joseph G., New York, assignor of one-half to H. Krantz, Brooklyn, N. Y. Electrical ceiling-switch.	830,862	Sept. 11	1956	410	124	524
Swan, Alfred, New York, N. Y., assignor to General Electric Company. Adapter.	828,582	Aug. 14	1794	378	123	2145
Swan, Alfred, New York, N. Y., assignor to General Electric Company. Machine for basing incandescent lamps.	835,377	Nov. 6	1004	213-15	125	254
Swan, Allan P., Dundalk, Ireland. Apparatus for purifying air.	811,969	Feb. 6	873	193	120	1666
Swan, Arthur H., deceased, Hyde Park, Mass.; G. M. Swan, administratrix. Lock-binge.	829,809	Aug. 28	4352	920	123	2862
Swan, Caleb H., deceased, Hyde Park, Mass.; G. M. Swan, administratrix. Lock-binge.	825,430	July 10	1523	315	123	415
Swan, Charles, Corry, Pa. Plate-shears.	818,578	Apr. 24	4056	870	121	2406
Swan, Charles C., New London, Iowa. Hog-loader.	814,096	Mar. 6	190	38	121	42
Swan, Eugene R., Cedar Rapids, Iowa. Ventilator for cars or the like.	836,285	Nov. 20	2759	586	125	785
Swan, Floyd A., et al. (See Zinninger, Edward D., assignor.)						
Swan, Grace M., administratrix. (See Swan, Caleb H.)						
Swan, Henry C., Oshkosh, Wis. Vehicle-seat lock.	821,319	May 22	4650	997	122	1219
Swan, John C., Marietta, Ohio. Convertible bailer.	830,464	Sept. 4	1139	239	124	251
Swan, John H., Chicago, Ill. Temperature-controlling apparatus.	829,810	Aug. 28	4352	920	123	2862
Swan, Kenneth R. (See Hyde, Augustus C., assignor.)						
Swan, Milton G., Lancaster, Pa. Detachable leaf for books.	818,130	Apr. 17	3148	678	121	2160
Swan, William B., Seymour, Conn. Bit-extender.	810,230	Jan. 16	3280	679	120	799
Swan, William B., Seymour, Conn. Expansion-bit.	834,593	Oct. 30	5395	1144	124	2711
Swan, William M. (See MacMillan, James A., assignor.)						
Swanburn, Sanford, De Kalb, assignor to American Steel & Wire Company, Chicago, Ill. Wire-barbing machine.	832,512	Oct. 2	981	196-7	124	1448
Swank, Clayton J. (See Thompson and Swank.)						
Swank, John T. (See Sutton, William H., assignor.)						
Swank, Lafa, assignor to Dwiggins Wire Fence Company, Anderson, Ind. Wire-stretcher.	810,003	Jan. 16	2790	576	120	698
Swank, Reuben B., Dayton, Ohio. Railway-joint.	817,729	Apr. 10	2323	499	121	1926
Swanson, Alfred, Albuquerque, N. Mex. Ter. Necktie-fastener.	811,455	Jan. 30	5740	1202	120	1404
Swanson, Andrew, St. Francis, Minn. Logging-sled.	812,310	Feb. 13	1619	356	120	1895
Swanson, Carl W. (See Kitchell and Swanson.)						
Swanson, Carl W., Chicago, Ill. Floor-dressing device.	817,407	Apr. 10	1709	360	121	1793
Swanson, Emil. (See Walsh and Swanson.)						
Swanson, Hans, Warren, Minn. Insulator attachment.	814,887	Mar. 13	1769	370	121	444
Swanson, Herman S., Shenandoah, Iowa. Single-row cultivator.	809,336	Jan. 9	1460	295-6	120	356
Swanson, Herman S., Shenandoah, Iowa, assignor to Swanson Mfg. Co. Cultivator.	809,335	Jan. 9	1457	295	120	354
Swanson Mfg. Co. (See Swanson, Herman S., assignor.)						
Swanson, Nels E., York, Nebr. Clutch.	819,469	May 1	871	189	122	195
Swanson, Olof, Chicago, Ill. Flue-expander.	814,248	Mar. 6	488	100	121	105
Swanson, Swan F., Pueblo, Colo. Dumping-car.	839,335	Dec. 25	4074	874	125	2492

Alphabetical list of patents—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Swanson, Theodore A., and G. E. Boyle, Whittemore, Iowa. Mixing-machine.....	821,267	May 22	4570	971-2	122	1195
Swantees, Samuel F., Itasca, Ill. Back-protection garment.....	812,612	Feb. 13	2204	480	120	2014
Swanton, Henry A., Roxbury, Mass. Engine.....	811,184	Jan. 30	5234	1095	120	1296
Swart, Jerome, Palmer, Va. Fish-trap.....	831,690	Sept. 25	3631	760	124	1012
Swart, Philip F., Brockport, N. Y. Folding-table brace.....	827,673	July 31	6194	1286	123	1626
Swarthout, Frank, Saginaw, Mich. Lock washer-nut.....	820,941	May 15	3902	832	122	988
Swartwout, Denton K., Cleveland, Ohio. Separating device.....	815,656	Mar. 20	3360	703	121	840
Swartz, Alfred H., Chicago, Ill., assignor to W. S. Elliott, Pittsburg, Pa. Tube-cleaner.....	830,808	Sept. 11	1856	386	124	497
Swartz, Carl H., Freeport, Ill. Reversing-gear.....	817,817	Apr. 17	2519	539	121	2021
Swartz, Tyson C., Fairview, Ill. Replanting attachment for cultivators.....	835,988	Nov. 13	2137	458	125	575
Swasey, Ambrose, assignor to Warner & Swasey Company, Cleveland, Ohio. Panorama-sight.....	815,657	Mar. 20	3361	703	121	840
Swasey, Ambrose, assignor to Warner & Swasey Company, Cleveland, Ohio. Telescopic sight for firearms.....	820,998	May 22	4054	862-3	122	1082
Swasey, Ambrose, and G. L. Fecker, assignors to Warner & Swasey Company, Cleveland, Ohio. Optical instrument.....	812,464	Feb. 13	1898	419	120	1953
Swasey, Ambrose, and G. L. Fecker, assignors to Warner & Swasey Company, Cleveland, Ohio. Optical instrument.....	819,948	May 8	1818	393	122	470
Swaysgood, Daniel E., Mark Center, Ohio. Decapping, recapping, and sizing machine.....	835,480	Nov. 6	1197	258-9	125	301
Swedenborg, Swan, Ashtabula, Ohio. Clam-shell bucket. (Reissue).....	12,514	July 24	4856	1011-12	123	1275
Sweeney, Hugh H., <i>et al.</i> (See Sweeney, James M., assignor.).....	836,225	Nov. 20	2625	552	125	750
Sweeney, James, Mount Sterling, Ill. Traction-wheel.....	813,254	Feb. 20	3456	762	120	2326
Sweeney, James M., assignor of two-thirds to F. M. Schwartz, Anaconda, Mont., and H. H. Sweeney, Seattle, Wash. Spray.....	810,443	Jan. 23	3764	775	120	940
Sweeney, John, Johnstown, Pa. Gas-valve.....	830,863	Sept. 11	1957	410	124	525
Sweeney, John F., and H. Lutz, New York, N. Y. Necktie.....	819,817	May 8	1565	332	122	413
Sweeney, Patrick L., and L. C. Jahn, Jasper, Ind. Combined wrench and bit-stock.....	822,403	June 5	334	69	122	1799
Sweeney, Ulysses G., and M. L. Mayes, Oroqui, Cal. Bicycle-seat spring.....	815,313	Mar. 13	2639	552	121	633
Sweeney, William W., assignor to Pacific Surgical Manufacturing Company, Los Angeles, Cal. Portable sterilizing apparatus.....	823,451	June 12	2450	518	122	2309
Sweeney, William W., and F. A. Sylva, assignors to Pacific Surgical Manufacturing Company, Los Angeles, Cal. Joint.....	811,338	Jan. 30	5534	1154-5	120	1361
Sweeny, Alfred P., Helena, Mont. Cutting and measuring machine.....	820,152	May 8	2304	503-4	122	576
Sweeny, James K., Pueblo, Colo. Excavating and ditching machine.....	836,948	Nov. 27	4117	878-9	125	1149
Sweeny, James M., Aspinwall, Pa. Machine for making carbon-black.....	835,977	Nov. 13	1394	299	125	397
Sweet, Burton W. (See Knight and Sweet.).....	818,202	Apr. 17	3303	706	121	2194
Sweet, David C., Providence, R. I. Machine for twisting and spinning fibrous materials.....	828,984	Aug. 21	2586	546	123	2374
Sweet, Emma L., Wallace, Idaho. Book-purse.....	829,180	Aug. 21	3023	631	123	2489
Sweet, Frank W., Minneapolis, Minn. Combined picture frame and mount.....	812,465	Feb. 13	1901	419	120	1954
Sweet, Ira N., Aurora, Ill. Sliding-door lock.....	813,392	Feb. 20	3732	820	120	2384
Sweet, Orr & Company. (See Bartrum, Charles W., assignor.).....	816,136	Mar. 27	4381	926	121	1112
Sweet, Parker H., New York, assignor to Rotary File and Machine Company, Brooklyn, N. Y. Pinking-machine.....	813,534	Feb. 27	4036	884	120	2513
Sweet, Stephen S. (See Smith and Sweet.).....	824,757	July 3	122	23	123	35
Sweet, Warren, assignor of one-half to J. Somers, Fort Wayne, Ind. Mechanical movement for washing-machines.....	835,205	Nov. 6	659	136	125	168
Sweeten, George J., Russellville, Ark. Rotary flour-sifter.....	836,413	Nov. 20	3011	638	125	842
Sweetser, George, Upper Norwood, assignor to T. De La Rue and Company, Limited, London, England. Fountain-pen.....	836,949	Nov. 27	4118	879	125	1149
Sweigard, Emanuel W., Chicago, Ill. Printing-frame.....	816,397	Mar. 27	4928	1047	121	1228
Sweigard, Emanuel W., Chicago, Ill. Printing-frame.....	815,489	Mar. 20	3031	633	121	768
Swender, Albert W., Carroll, Iowa. Muzzle.....	815,489	Mar. 20	3031	633	121	768
Swender, Albert W., Carroll, Iowa. Calf-weaner.....	835,690	Nov. 13	1599	341	125	446
Swengel, John F., and D. Byrne, Jr., Clyde, Kans. Vehicle-heater.....	830,864	Sept. 11	1958	411	124	525
Swennington, Lawrence G. (See March, George E., assignor.).....	827,271	July 31	5283	1096	123	1398
Swenson, Charles O., Minneapolis, Minn. Combined fire-pot and twyer-iron.....	810,585	Jan. 23	4056	835	120	1006
Swenson, Chas. W. (See Pitcher, Royal E., assignor.).....	816,829	Apr. 3	552	118	121	1479
Swenson, Christen F., Minneapolis, Minn. Floor-scraper.....	815,130	Mar. 13	2269	475	121	550
Swenson, Eric P. (See Binnings, Charles E., assignor.).....	816,760	Apr. 3	408	93	121	1448
Swenson, John S. (See Swenson, Lorens and J. S.).....	833,260	Oct. 16	2512	525	124	1911
Swenson, Lorens, Cresco, Iowa. Tobacco-pipe.....	837,517	Dec. 4	463	105-6	125	1471
Swenson, Lorens and J. S. Cresco, Iowa. Stump-extractor.....	827,828	Aug. 7	276	56	123	1739
Swentzel, Henry C., <i>et al.</i> , executors. (See Doeblar, Charles F., assignor.).....	814,813	Mar. 13	1642	344-5	121	417
Sweet, Lyman R., Boston, Mass. Two-compartment envelop.....	818,057	Apr. 17	3002	648-9	121	2128
Sweett, Warren P., Arlington, Mass. Non-refillable bottle.....	817,018	Apr. 3	946	194	121	1569
Swezey, Clark L., West Haven, Conn. Cash-carrier.....	811,970	Feb. 6	876	193-4	120	1668
Swick, Seward E., assignor of one-half to F. E. Weckel, Marysville, Ohio. Calculating-machine.....	814,249	Mar. 6	489	100-1	121	105
Swift, Dean N., Ridgway, Pa. Window-ventilator.....	809,641	Jan. 9	2102	435	120	491
Swift, Edward S., trustee. (See Zange, Max C., assignor.).....	826,622	July 24	3981	824	123	1060
Swift, George, assignor to Aeolian Company, Meriden, Conn., and New York, N. Y. Perforated music-sheet for mechanical musical instruments.....	826,623	July 24	3982	824	123	1060
Swift, George L., Chicago, Ill. Fine-fuel-feeding apparatus.....	810,231	Jan. 16	3281	679	120	799
Swift, George W., Jr., Bordentown, N. J. Rotary shearing mechanism.....	813,466	Feb. 27	3900	855	120	2480
Swift, R. K., Sterling, Ill. Hay-loader.....	824,889	July 3	426	82-3	123	116
Swift, Thomas B. (See Lane and Swift.).....	816,398	Mar. 27	4929	1048	121	1228
Swift, Willis C. (See Mills, Charles, assignor.).....	817,018	Apr. 3	946	194	121	1569
Swigert, John, Rossmoyne, Ohio. Horseshoe.....	811,970	Feb. 6	876	193-4	120	1668
Swimmer, Robert, New York, N. Y., and E. B. Neelen, Lyndhurst, N. J. Gas-burner.....	814,249	Mar. 6	489	100-1	121	105
Swindell, James H., Pittsburg, Pa. Gas-producer.....	809,641	Jan. 9	2102	435	120	491
Swinehart, Charles M. (See Turner, Kernaghan, and Swinehart.).....	826,622	July 24	3981	824	123	1060
Swinehart, James A., Akron, Ohio. Vehicle-tire.....	826,623	July 24	3982	824	123	1060
Swinehart, James A., Akron, Ohio. Solid rubber tire.....	810,231	Jan. 16	3281	679	120	799
Swink, Charles B., Muskogee, Ind. Ter. Delivery mechanism for printing-presses.....	813,466	Feb. 27	3900	855	120	2480
Swink, Charles B., Muskogee, Ind. Ter. Printing-press.....	824,889	July 3	426	82-3	123	116
Swink, Charles B., Muskogee, Ind. Ter. Printing-press.....	816,398	Mar. 27	4929	1048	121	1228
Swint, Jesse J., Langdale, Ala. Animal-trap.....	816,617	Apr. 3	154	32	121	1395
Swires, Ralph C., <i>et al.</i> (See Warfel, Henry C., assignor.).....	832,636	Oct. 9	1249	252	124	1554
Swisher, George W., Clifton Forge, Va. Beamless car-brake.....	810,363	Jan. 16	3561	.....	120	862
Switzer, Byron B., Chicago, Ill. Automobile.....	823,903	June 19	3345	713	122	2565
Swoboda, Adolf, Vienna, assignor of one-half to W. Bokmayer, Modling, near Vienna, Austria-Hungary. Match.....						
Swope, David. (See Paschall, Justice C., assignor.).....						
Swope, David, Merchantville, N. J. Clamp.....						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Swope, David, Merchantville, N. J. Clamp.	833,945	Oct. 23	3952	840	124	2311
Swope, William P., Owenton, Ky. Copy-holder.	818,579	Apr. 24	4057	871	121	2406
Swope, William P., Owenton, Ky. Rotary copy-holder.	818,580	Apr. 24	4058	871	121	2407
Swope, William P., Owenton, Ky. Ink-well.	818,581	Apr. 24	4059	871	121	2407
Swortfeger, George F., Newark, N. J. Earth-anchor.	809,032	Jan. 2	802	173	120	177
Swortfeger, George F., Newark, N. J. Combined anchor-hook, guy-clamp, and guy-stretcher.	813,182	Feb. 20	3321	730	120	2299
Swyny, Edward J., Balmain, and S. G. Plucknett, Newtown, New South Wales, Australia. Ore separator and classifier.	831,252	Sept. 18	2725	574	124	739
Sykes, Alexander L., Brooklyn, N. Y. Woman's underskirt.	828,345	Aug. 14	1325	280	123	2023
Sykes, Alfred. (See Crowther and Sykes.)						
Sykes, Harry T., London, England. Elastic woven fabric.	817,019	Apr. 3	947	194	121	1569
Sykes, Stanley, Rhoades, Ariz. Ter. Fishing-reel.	838,915	Dec. 18	3222	696	125	2236
Sykes, William W., Manchester, assignor of one-half to L. Casselman, Richmond, Va. Mail-catcher.	824,601	June 26	4713	1003	122	2915
Sylstad, Martin J., and C. G. Rude, Sacred Heart, Minn. Automatic carrier and self-dumping device.	810,586	Jan. 23	4057	835	120	1006
Sylva, Frank A. (See Sweeney and Sylva.)						
Sylvester, Irving M., assignor to Parks Brothers and Rogers, Providence, R. I. Button.	820,532	May 15	3077	662	122	807
Sylvester, Irving M., assignor to Parks Bros. & Rogers, Providence, R. I. Button or stud.	820,682	May 15	3348	717	122	863
Sylvester, Irving M., assignor to Parks Bros. & Rogers, Providence, R. I. Stud or button.	820,683	May 15	3350	717	122	864
Sylvester, William A., Reading, Mass. Cutting mechanism.	839,047	Dec. 18	3463	748	125	2297
Sylvester, Jorgen H., Dundee, Ill. Ditching-machine.	813,598	Feb. 27	4156	911	120	2538
Symington, Thomas H., Baltimore, Md., assignor to T. H. Symington Co. of Baltimore City. Cover for journal-boxes.	834,645	Oct. 30	5513	1170	124	2742
Symmonds, Robert, Jr., assignor to T. B. Jeffery, Kenosha, Wis. Power-transmitting mechanism for motor-vehicles.	815,230	Mar. 13	2483	517	121	600
Symmonds, Robert, Jr., assignor to T. B. Jeffery, Kenosha, Wis. Power-transmitting mechanism for motor-vehicles.	809,337	Jan. 9	1462	296	120	356
Symmonds, Robert, assignor to T. B. Jeffery, Kenosha, Wis. Power-transmission mechanism.	809,338	Jan. 9	1466	296-7	120	358
Symonds, Henry, assignor to F. G. Butler, Longbeach, Cal. Acetylene-gas generator and controller.	838,666	Dec. 18	2772	594-5	125	2128
Symonds, Herbert, East St. Louis, Ill. Hot-air register.	830,465	Sept. 4	1141	239-40	124	282
Symons, Johnson V., Johnstown, Pa. Controlling mechanism for blowing-engines.	814,888	Mar. 13	1770	370	121	444
Symons, Joseph E., and W. H. Paul, Lake Linden, Mich. Stamp-mill.	813,064	Feb. 20	3091	677	120	2251
Symons, Wilson E., Pittsburg, Kans. Locomotive-truck.	818,985	Apr. 24	4865	1045	121	2553
Synchronous Static Co. (See Seely, James E., assignor.)	813,255	Feb. 20	3457	762-3	120	2327
Synphonic Measure Tank Company. (See Linton, Ernest O., assignor.) (Reissue.)						
Synphonic Measure Tank Company. (See Optenberg, John H., assignor.)						
Szameitat, Carl, Hamburg, Germany. Saddle adjusting itself automatically in two directions.	821,135	May 22	4332	921	122	1142
Szczepanik, Jan, Vienna, Austria-Hungary. Production of photographs in natural colors.	821,200	May 22	4445	946	122	1168
Szczepanik, Jan, assignor to Société des Inventions Jan Szczepanik & Cie., Vienna, Austria-Hungary. Multicolorous woven fabric.	824,158	June 26	3819		122	2725
Székel, Salamon, and E. Kovács, Budapest, Austria-Hungary. Manufacturing milk preparations.	811,971	Feb. 6	878		120	1668
Szentjánossy, Sigmund, New York, N. Y. Bridge and door operating device.	837,649	Dec. 4	749	171	125	1539
T. Robinson & Co. Proprietary. (See Moore, James, assignor.)						
T. B. Laycock Manufacturing Company. (See Conway, Irwin, assignor.)						
T. B. Laycock Manufacturing Company. (See Laycock, Thomas B., assignor.)						
T. H. Symington Co. of Baltimore City. (See Symington, Thomas H., assignor.)						
T. J. Thorp Manufacturing Company. (See Thorp, Thomas J., assignor.)						
T. R. Refractory Ore Syndicate. (See Blackmore and Howard, assignors.)						
T. W. Phillips Manufacturing Company. (See Campbell and Johnson, assignors.)						
T. W. & C. B. Sheridan Company <i>et al.</i> (See Bredenberg, Alfred, assignor.)						
Taber, David F., New York, N. Y. Steam-boiler-tube cleaner.	839,523	Dec. 25	4461	951	125	2587
Taber, David F., New York, N. Y. Steam-boiler-tube cleaner.	839,524	Dec. 25	4463	951	125	2587
Tabler, Frank C., assignor to T. R. Fowler, St. Louis, Mo. Cable-hanger.	810,004	Jan. 16	2791	576	120	698
Tabor, Clinton D., assignor to Tabor Sash Company, Newark, N. J. Casement and similar window.	820,027	May 8	2040	448	122	517
Tabor, Harris, Elizabeth, N. J., assignor to Tabor Manufacturing Company, Philadelphia, Pa. Molding-machine.	824,317	June 26	4121	881-2	122	2789
Tabor, James T., Athens, Ill. Coal-drill attachment.	832,096	Oct. 2	137	30	124	1245
Tabor Manufacturing Company. (See Tabor, Harris, assignor.)						
Tabor Sash Company. (See Tabor, Clinton D., assignor.)						
Tabulating Machine Company. (See Hollerith, Herman, assignor.)						
Tabulating Machine Company. (See Hollerith, Herman, assignor.) (Reissue.)						
Tacy, Samuel H., San Francisco, Cal. Bubble-fountain.	814,889	Mar. 13	1771	371	121	445
Tacy, Samuel H., San Francisco, Cal. Bubble-fountain.	814,890	Mar. 13	1774	371	121	445
Tadlock, James M., El Reno, Okla. Ter. Rail-joint.	827,476	July 31	5779	1198	123	1519
Taft, George A., assignor of one-half to L. A. Korper, Willimantic, Conn. Clamp.	831,486	Sept. 18	3169	671	124	853
Taggart, William N. (See O'Neill and Taggart.)						
Tagliafico, Domenico, Genoa, Italy. Ship's berth.	831,019	Sept. 11	2231	471	124	589
Taisey, Fred R., <i>et al.</i> (See Davis, Frank J., assignor.)						
Tait, Alfred L. J., Richmond, Victoria, Australia. Apparatus for treating and dressing flax and other fibers.	839,673	Dec. 25	4760	1017-18	125	2658
Tait, Cassius, St. Joseph, Mo. Toy pistol.	812,613	Feb. 13	2206	480	120	2014
Tait, George F., McDonald, Pa. Curtain-pole bracket.	827,272	July 31	5286	1096	123	1399
Tait, George F., McDonald, Pa. Curtain-pole and curtain-fastener.	838,282	Dec. 11	2035	438	125	1902
Tait, Godfrey M. S., Montclair, N. J., assignor to Combustion Utilities Company, New York, N. Y. Fluid-sealing device for gas-producers.	809,339	Jan. 9	1468	297	120	358
Tait, Godfrey M. S., Montclair, N. J., assignor to Combustion Utilities Company, New York, N. Y. Power gas apparatus.	810,685	Jan. 23	4231	876	120	1046
Tait, John. (See De Vall and Tait.)						
Tait, La Roy E., Redcloud, Nebr. Feed-gage.	808,953	Jan. 2	653	143	120	144
Tait, William W. (See Purvis and Rouse, assignors.)						
Takaki, Shin-ichi, New York, N. Y. Pipette.	813,256	Feb. 20	3461	763	120	2328
Takamine, Jokichi, New York, N. Y. Diastatic substance and making same.	826,699	July 24	4119		123	1094
Talbert, Emmett, Fresno, Cal. Dispensing apparatus.	813,027	Feb. 20	3010	663	120	2231
Talbert, William F., Funkstown, Md. Churn.	815,658	Mar. 20	3362	704	121	840

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr.-g.	Vol.	Page.
Talbot, Milton S., deceased; A. A. Shuter, Durban, Natal, administrator. Explosive compound.....	816,830	Apr. 3	555	-----	121	1480
Talbot, Paul A. (See Smith and Talbot.)						
Talbot, Richmond, <i>et al.</i> (See Haller and Billingsley, assignors.)						
Talbott, Arthur L., Pueblo, Colo. Condiment-receptacle.....	836,615	Nov. 20	3386	721	125	931
Talcott, Morton C., Hartford, Conn. Variable-speed gear.....	809,406	Jan. 9	1626	331	120	390
Talcott, Morton C., Hartford, Conn. Transmission-gearing.....	809,540	Jan. 9	1882	391	120	447
Taliaferro, John C., Baltimore, Md., assignor to Continental Can Company, New York, N. Y. Recovering tin or tin and lead.....	814,334	Mar. 6	690	138	121	152
Tallaksen, Einar, Chicago, Ill. Car-fender.....	823,003	June 12	1536	320	122	2111
Tallmadge, Andrew P., Washington, D. C. Gas-engine sparker.....	813,926	Feb. 27	4802	1060	120	2677
Tallman, George W., New York, N. Y. Heat-retaining receptacle.....	825,012	July 3	668	134	123	175
Tallman, Horace M., Shelbyville, Ill., assignor to Admiral Hay Press Co., Kansas City, Mo. Hay-press. (Reissue).....	12,559	Nov. 13	2299	488	125	617
Tallman, Perry H., Blooming Prairie, assignor to Johnson & Tallman, St. Charles, Minn. Implement for cleaning receptacles.....	820,269	May 8	2534	549	122	627
Tallqvist, Theodor W., Helsingfors, Russia. Stethoscope.....	824,450	June 26	4403	936	122	2845
Tallmadge, Elmer W., Plantsville, assignor to Peck, Stow & Wilcox Company, Southington, Conn. Machine for folding sheet metal.....	821,765	May 29	5589	1191	122	1476
Tambling, Frank C., and H. Charles, Eagle River, Wis., assignors of one-third to C. A. Rusco, Chicago, Ill. Boat-propeller.....	829,681	Aug. 28	4071	862	123	2794
Tambour, Joseph, Manterre, near Paris, France. Safety appliance for small-arms.....	834,772	Oct. 30	5776	1226	124	2807
Tams, William H., Trenton, N. J. Cylinder-lining.....	830,539	Sept. 11	1304	269	124	349
Tandy, Charles W., Jr., Charlottesville, Va. Rotary engine.....	830,023	Sept. 4	221	42-3	124	55
Tandy, John L., Kansas City, Mo. Folding bed.....	837,145	Nov. 37	4516	957	125	1247
Tanner, Calvin W., and E. Columbus, Tex. Lifting-jack.....	824,758	July 3	123	23	123	36
Tanner, Charles A. (See Pitts, Tanner, and Spink.)						
Tanner, Eugene. (See Tanner, Calvin W. and E.)						
Tanner, John, Nebraska City, Nebr. Corn-sheller feeder.....	829,181	Aug. 21	3027	631-2	123	2490
Tanner, Julius R., Pittsburg, Pa. Structural shape.....	835,578	Nov. 13	1398	299	125	398
Tansley, John A. (See Bengough, Tansley, and Reidell.)						
Tapley, John E. (See Hovey and Tapley.)						
Tapley, John E., and A. E. Hovey, Cass Lake, Minn. Station-indicator.....	818,483	Apr. 24	3839	826	121	2361
Taplin, Alden B., Keene, N. H. Tension device for dresser-reels.....	821,549	May 22	5141	1096	122	1319
Taplin, Alvin, Forestville, Conn. Scrubbing-machine for removing foreign matter from the surfaces of globular objects.....	812,466	Feb. 13	1903	420	120	1954
Tapp, James W., Wichita, Kans. Brake.....	817,942	Apr. 17	2789	603	121	2083
Tappe, August C., Cincinnati, Ohio, assignor of one-half to R. T. Badgley, New York, N. Y. Horseshoe-pad.....	836,150	Nov. 20	2479	520	125	713
Tarbox, Alfred B., Boston, Mass. Block.....	820,999	May 22	4057	863	122	1082
Tarbox, Alfred B., Boston, Mass. Block.....	823,231	June 12	2049	425	122	2225
Tarbox, David, Cedarville, Ohio. Nut-lock.....	836,152	Nov. 20	2480	521	125	713
Tardif, Charles B., Concord, N. H. Milling cutter and head.....	833,261	Oct. 16	2513	525	124	1912
Tarleton, George H., assignor of one-half to Smith & Anthony Company, Boston, Mass. Draft-regulator.....	828,255	Aug. 7	1095	230	123	1937
Tarling, Thomas S., St. Albans, England. Oil-lamp.....	813,331	Feb. 20	3623	794	120	2361
Tarlton, Pearl E., assignor to American Magnetic Fire Alarm Company, Ada, Ohio. Fire-alarm system.....	828,000	Aug. 7	618	126-8	123	1824
Tarr, Elmer E., Mount Vernon, Ohio. Knockdown ironing-board.....	813,257	Feb. 20	3462	763	120	2328
Tartsch, Henry H., McCook, Nebr. Anchor for decoys.....	814,097	Mar. 6	191	38	121	42
Tartt, John J., assignor of one-half to D. E. Spangler, Los Angeles, Cal. Trolley-pole controller.....	830,686	Sept. 11	1613	333-4	124	433
Tarver, Freeman D., Blanton, Ga. Lifting-jack.....	820,832	May 15	3663	782	122	934
Tarver, George L., Greenfield, Ind. Dry-cell battery.....	836,151	Nov. 20	2479	521	125	713
Tarwater, Lawson, and C. K. McKnight, St. Joseph, Mo. Reversible reclining railway-coach chair.....	822,163	May 29	6352	1350	122	1650
Tarwater, Lawson, and C. K. McKnight, St. Joseph, Mo. Revolvable reclining railway-coach chair.....	822,164	May 29	6354	1351	122	1650
Tasker, William, Biloxi, Miss. Wheelbarrow.....	809,340	Jan. 9	1469	297	120	359
Tate, Hugh J., assignor of two-thirds to S. G. Miller, Philadelphia, Pa., E. Howard, Charlotte, N. C., and J. A. Ferguson, Philadelphia, Pa. Cotton-gin.....	824,602	June 26	4713	1003-4	122	2915
Tate, Humphrey D. (See Geibel, John W., assignor.)						
Tate, J. C., <i>et al.</i> (See Fageol, Rollie B., assignor.)						
Tate, John B., Altoona, assignor to Flannery Bolt Company, Pittsburg, Pa. Stay-bolt.....	813,120	Feb. 20	3204	700	120	2276
Tate, Robert M., Somerset, Ky. Trousers presser and creaser.....	830,382	Sept. 4	979	203-4	124	241
Tate, Robert W., Cary, Miss. Track-fastening.....	831,196	Sept. 18	2612	550	124	709
Tate, William E., Weatherford, Tex. Press-feeder.....	819,949	May 8	1820	393	122	470
Tatnall, Walter G., Wilmington, Del., assignor to himself, E. Armstrong, Woodbury, N. J., and W. G. Tatnall, Jr., Wilmington, Del. Axle-lubricating device.....	822,085	May 29	6191	1320	122	1613
Tattersall, John, Enschede, Netherlands. Drying apparatus.....	835,168	Nov. 6	588	120	125	149
Tatum, Henry, assignor of one-half to W. Hodges, Mialka, Fla. Combined bevel and compasses.....	823,373	June 12	2307	483	122	2279
Tatum, James W., assignor of one-half to D. C. Mangum, Durham, N. C. Combined heating and cooking stove.....	812,381	Feb. 13	1751	384	120	1923
Tatum, James W., Durham, N. C., assignor of five-sixths to B. N. Duke, W. W. Fuller, New York, N. Y., E. J. Parrish, J. W. Smith, and R. B. Boone, Durham, N. C. Electric railway signaling apparatus.....	815,131	Mar. 13	2270	475	121	550
Tatum, John J., and A. P. Prendergast, Baltimore, Md. Draft-rigging for cars.....	837,754	Dec. 4	952	215	125	1591
Taube, Johann, Riga, Russia. Hose for sucking and dredging engines.....	833,426	Oct. 16	2857	604-5	124	2000
Tauber, Maurice, assignor of one-half to E. Pokorny, Chicago, Ill. Upholstering apparatus.....	811,883	Feb. 6	670	147	120	1627
Tauscher, John, Ellis, Kans. Hitch for plows and the like.....	833,902	Oct. 23	3867	821	124	2289
Taussig, Hugo, Cleveland, Ohio. Extension-pedal.....	816,512	Mar. 27	5151	1092	121	1276
Tauveron, Jean B., New York, N. Y. Sash-lock.....	835,333	Nov. 6	922	195	125	233
Taylor, Addie. (See Taylor, Frank and A.)						
Taylor, Aiken C., Charleston, S. C. Combined cotton-planter and fertilizer-distributor.....	827,328	July 31	5396	1121	123	1426
Taylor, Albert H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Automatic oiler.....	810,686	Jan. 23	4232	877	120	1046
Taylor, Albert H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Reversing mechanism for rotary motors.....	810,890	Jan. 23	4639	967	120	1132
Taylor, Albert H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Reversing mechanism for rotary motors.....	819,470	May 1	873	189-90	122	106
Taylor, Albert H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Reversing mechanism for rotary motors.....	820,684	May 15	3351	717-18	122	864

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page
Taylor, Alexander V. (See Fox, Charles A., assignor.)						
Taylor, Alfred, assignor of one-half to T. H. Horne, Victoria, Canada. Automatic fire-alarm	812,776	Feb. 13	2505	551	120	2074
Taylor, Alice M., Pittsburg, Pa. Bottle-closure	817,532	Apr. 10	1964	415	121	1846
Taylor, Andrew M., Port Ewen, N. Y. Trousers-support	835,481	Nov. 6	1200	259	125	301
Taylor, Arthur K., Jacksonville, Fla. Baby-bed	812,099	Feb. 6	1134	248	120	1719
Taylor, Carl T., and G. L. Clark, Mount Sterling, Ill. Stove	842,614	Feb. 13	2207	480-1	120	2014
Taylor, Cecil and C. S., Drayton, Canada. Combined seat and life-raft	816,891	Apr. 3	685	141	121	1510
Taylor, Cecil H., Philadelphia, Pa., assignor, by mesne assignments, to K. Taylor, High-bridge, N. J. Gas-operated mechanism for firearms	811,595	Feb. 6	120	26	120	1512
Taylor, Cecil H., Philadelphia, Pa., assignor, by mesne assignments, to K. Taylor, High-bridge, N. J. Firearm	821,766	May 29	5590	1191-2	122	1477
Taylor, Cecil H., Philadelphia, Pa., assignor, by mesne assignments, to K. Taylor, High-bridge, N. J. Automatic gun	823,004	June 12	1538	320-1	122	2112
Taylor, Charles D., Sale, England. Quick-traverse winding-frame, &c.	834,420	Oct. 30	5073	1076	124	2629
Taylor, Charles E. (See Hubbard and Taylor.)						
Taylor, Charles E., Bremen, Ohio. Elevator-belt	838,221	Dec. 11	1906	409	125	1873
Taylor, Charles F., Hartford, Conn. Paper-rolling machine	822,404	June 5	335	69-70	122	1799
Taylor, Charles G., Hartford, Conn. Device for securing doors, &c.	811,594	Feb. 6	118	26	120	1511
Taylor, Charles G., Hartford, Conn. Lathe attachment	817,885	Apr. 17	2663	579	121	2052
Taylor, Charles G., Hartford, Conn. Sash-fastener	825,013	July 3	669	135	123	175
Taylor, Charles G., Hartford, Conn. Combination-tool	839,229	Dec. 25	3871	832	125	2442
Taylor, Charles G., Hartford, Conn. Combined key-ring, tag, cigar-cutter, and screw-driver	834,334	Oct. 30	4897	1037	124	2586
Taylor, Charles G. C. C., Basildon, near Pitsea, England. Apparatus for coaling ships from colliers	834,335	Oct. 30	4898	1037-8	124	2586
Taylor, Charles L., Hartford, Conn. Cloth-tentering machine	820,746	May 15	3462	742	122	891
Taylor, Charles M., Jr., Philadelphia, Pa. Means for making milk products and recovering milk fluids	809,860	Jan. 9	2495	518	120	582
Taylor, Charles M., Jr., Philadelphia, Pa. Suction apparatus for dairy products	809,861	Jan. 9	2496	519	120	582
Taylor, Charles M., Jr., Philadelphia, Pa. Means for making a milk product	819,819	May 8	1568	333	122	414
Taylor, Charles S. (See Taylor, Cecil and C. S.)						
Taylor, Charles T., Woodston, Kans. Rail-joint	837,434	Dec. 4	314	75	125	1434
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Apparatus for breaking pig-iron	819,818	May 8	1566	333	122	413
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane	821,136	May 22	4332	921	122	1143
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Clutch-operating mechanism	823,085	June 12	1728	355-6	122	2152
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane	826,127	July 17	2939	610	123	780
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Steam drop-hammer	829,682	Aug. 28	4074	862	123	2794
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Ingot-stripping apparatus	832,758	Oct. 9	1487	299	124	1611
Taylor, Clarence W., Oak Park, Ill. Comb and comb-cleaner combined	820,533	May 15	3077	662	122	807
Taylor, Clarence W., Oak Park, Ill. Comb and comb-cleaner combined	820,534	May 15	3078	662	122	807
Taylor, Daniel J., assignor of one-half to S. J. Taylor, Philadelphia, Pa. Door stop and retainer	813,927	Feb. 27	4805	1060	120	2677
Taylor, David, <i>et al.</i> (See Hawn, John W., assignor.)						
Taylor, David W., Washington, D. C. Screw-propeller	832,173	Oct. 2	314	59	124	1289
Taylor, Edgar. (See Taylor, Ervin J. and E.)						
Taylor, Edmund B. and F. A., Waltham, Mass. Directory-holder	822,490	June 5	508	103	122	1837
Taylor, Edward, Rockford, Ill. Bottle-closure	818,798	Apr. 24	4521	966	121	2510
Taylor, Edward J., <i>et al.</i> (See Breed, De Witt C., assignor.)						
Taylor, Edwin, New York, N. Y., assignor to Taylor Herrick Rotary Engine Company. Rotary engine	831,120	Sept. 18	2475	523-4	124	678
Taylor, Edwin F., Wyncote, Pa. Elastic-fluid turbine	825,164	July 3	945	200-1	123	248
Taylor Electric Truck Company. (See Taylor, John, assignor.)						
Taylor, Elmer Z., London, England. Paper-cutting machine	828,688	Aug. 14	1996	420-1	123	2196
Taylor, Ernest H., Ellwood City, Pa. Rotary engine	825,086	July 3	793	165	123	212
Taylor, Ervin J. and E., Lynchburg, Ohio. Colorably coating paper	835,579	Nov. 13	1399	300	125	398
Taylor, Eugene H. (See Evans and Taylor.)						
Taylor, Eugene H., Lynn, Mass. Machine for making paper boxes	827,762	Aug. 7	138	29-31	123	1704
Taylor, Francis H., Kansas City, Kans. Cotton-gin-cleaning device	839,674	Dec. 25	4763	1018	125	2659
Taylor, Frank. (See Cochran, James S., assignor.)						
Taylor, Frank, Nottingham, assignor to British Hosiery and Electrolytic Bleaching Company, Limited, London, England. Stop-motion for knitting-machines	832,513	Oct. 2	983	197	124	1448
Taylor, Frank and A., Bay City, Mich. Headwear	813,467	Feb. 27	3901	855	120	2480
Taylor, Fred A. (See Taylor, Edmund B. and F. A.)						
Taylor, Fred A., and N. E. Flint, San Francisco, Cal. Friction graining-machine	819,182	May 1	284	61	122	71
Taylor, George. (See Brown and Taylor.)						
Taylor, George, Jr., <i>et al.</i> (See Loveless, David H., assignor.)						
Taylor, George B. (See Nichols and Taylor.)						
Taylor, George B. (See Voynow and Taylor.)						
Taylor, George B., Birmingham, England. Lathe-chuck	815,877	Mar. 20	3851	815-16	121	943
Taylor, George B., and C. B. Voynow, Philadelphia, Pa. Rail	830,623	Sept. 11	1478	306	124	397
Taylor, George H., Norfolk, Va. Letter-copying press	816,399	Mar. 27	4931	1048	121	1228
Taylor, George H., New Orleans, La. Canopy for horses	835,378	Nov. 6	1011	215	125	256
Taylor, George T. (See Newton, Joel W., assignor.)						
Taylor, Harry A. (See Kerngood and Taylor.)						
Taylor, Harry D., Washington Court-House, Ohio. Attachment for plows	827,403	July 31	5543	1153	123	1463
Taylor, Henry G., Milton, Mass. Automatic match-box	819,617	May 1	1132	250	122	255
Taylor, Henry W., Aurora, and D. M. Russell, Naperville, Ill. Railway-tie	816,950	Apr. 3	815	167	121	1539
Taylor, Herbert B., assignor to Advance Signal Company, Newark, N. J. Railway-signal-controlling circuit	818,203	Apr. 17	3304	707	121	2194
Taylor Herrick Rotary Engine Company. (See Taylor, Edwin, assignor.)						
Taylor, Horace H., San Jose, Cal. Self-propelled vehicle-truck	810,997	Jan. 30	4871	1014	120	1218
Taylor, Horace H., San Jose, Cal. Power-transmitting mechanism	811,258	Jan. 30	5383	1123	120	1329
Taylor Iron and Steel Company. (See Brinton, Walter, assignor.)						
Taylor Iron and Steel Company. (See Brinton and Gaston, assignors.)						
Taylor Iron and Steel Company. (See Latimer, Frank, assignor.)						
Taylor Iron & Steel Company. (See Price, Orvey, assignor.)						
Taylor, Izora. (See Taylor, James H. and I.)						
Taylor, James E. (See Shanklin, Philip A., assignor.)						
Taylor, James E., assignor of one-half to S. Dodge, Sandoval, Ill. Nut-lock	820,324	May 8	2632	573	122	649

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. E.	Vol.	Page.
Taylor, James H., Paris, S. C. Piano.	835,580	Nov. 13	1400	301	125	398
Taylor, James H., Chicago, Ill. Pipe-welding.	837,976	Dec. 11	1388	302	125	1742
Taylor, James H., assignor of two-sixths to H. J. Bailey, fifteen one-hundredths to H. S. Cole, and one-sixth to H. J. Carroll, Pawtucket, R. I. Steering-gear for self-propelled vehicles.	827,763	Aug. 7	152	31	123	1707
Taylor, James H. and I., Philadelphia, Pa. Garment-fastener.	815,231	Mar. 13	2484	517	121	600
Taylor, James H. and I., Philadelphia, Pa. Clasp for garment-supporters.	827,273	July 31	5287	1096	123	1399
Taylor, James H. and J. B., Toledo, Ohio. Mechanical movement.	825,087	July 3	795	165	123	213
Taylor, James H. and J. B., Toledo, Ohio. Mechanical movement.	835,169	Nov. 6	589	120	125	149
Taylor, James T., Fort Worth, Tex. Nut-lock.	824,047	June 19	3619	770	122	2622
Taylor, Jessica K., New York, N. Y. Shoe-rack.	835,121	Nov. 6	496	100	125	128
Taylor, John, assignor to Taylor Electric Truck Company, Troy, N. Y. Car-wheel.	817,454	Apr. 10	1808	380	121	1814
Taylor, John, J. A. McMillen, and T. C. B. Milbery, Castle Shannon, Pa. Safety elevator device.	824,452	June 26	4405	937	122	2846
Taylor, John A., Saco, Mont. Animal-releasing mechanism.	820,270	May 8	2536	549	122	628
Taylor, John B., Schenectady, N. Y., assignor to General Electric Company. Portable potential-indicator.	822,319	June 5	189	37	122	1769
Taylor, John B., Schenectady, N. Y., assignor to General Electric Company. Potential-indicator.	830,938	Sept. 11	2086	440-1	124	554
Taylor, John D., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Railway switching and signaling apparatus.	821,385	May 22	4828	1025-6	122	1253
Taylor, John D., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Apparatus for operating and controlling railway switches and signals.	821,386	May 22	4833	1026-7	122	1254
Taylor, John D., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Railway signaling apparatus.	832,174	Oct. 2	316	59	124	1290
Taylor, John D., assignor, by mesne assignments, to General Railway Signal Company, Buffalo, N. Y. Railway switching apparatus.	832,175	Oct. 2	318	59	124	1290
Taylor, John H., Battle Creek, Mich. Steam-trap.	813,332	Feb. 20	3625	795	120	2362
Taylor, Joseph, assignor to Hat Manufacturers Supply Co., Ltd., Stockport, England. Hat.	818,314	Apr. 17	3526	756	121	2240
Taylor, Judah N., Toluca, Cal. Planter.	818,799	Apr. 24	4522	966	121	2510
Taylor, Julius B. (See Taylor, James H. and J. B.)						
Taylor, Knox. (See Taylor, Cecil H., assignor.)						
Taylor, Lawrence S., Nacogdoches, Tex. Cord-wood saw-cradle.	829,811	Aug. 28	4356	920	123	2864
Taylor, Percival, Smithills, Bolton, England. Yarn-winding frame.	822,086	May 29	6193	1320	122	1613
Taylor, Remus E., Oakland, Kans. Machine for molding concrete building-stone.	832,637	Oct. 9	1251	252	124	1554
Taylor, Richard J., Como, N. C. Fertilizer-distributor.	816,400	Mar. 27	4936	1049	121	1229
Taylor, Ross, assignor to Automatic Ventilator Company, New York, N. Y. Ventilating device.	830,749	Sept. 11	1760	362	124	474
Taylor, Samuel J. (See Taylor, Daniel J., assignor.)						
Taylor, Samuel J., assignor of one-half to W. A. Paddock, Grants Pass, Oreg. Bicycle attachment.	833,649	Oct. 16	3315	705	124	2105
Taylor, Samuel L., Springfield, Mass. Spring-wheel.	829,182	Aug. 21	3028	632	123	2490
Taylor, Samuel W., Baltimore, Md. Adjustable eccentric.	815,232	Mar. 13	2486	517	121	601
Taylor, Stiles & Company. (See Griffin, Charles W., assignor.)						
Taylor, Thomas E., Detroit, Mich. Gas-oven.	818,131	Apr. 17	3149	678	121	2160
Taylor, Thomas J. (See Pratt, Charles W., assignor.)						
Taylor, Vincent A., Bedford, Ohio. Chair-seat.	811,259	Jan. 20	5386	1123	120	1330
Taylor, Walter G., et al. (See Loveless, David H., assignor.)						
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Changeable combination key-lock.	814,335	Mar. 6	691	139	121	152
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Latch.	817,455	Apr. 10	1811	380-1	121	1815
Taylor, Wilbur H. (See Pettingell, Charles F., assignor.)						
Taylor, William, Stapleford, England. Means or appliance for operating railway and tramway points, &c.	835,896	Nov. 13	1991	420	125	542
Taylor, William A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Central-energy telephone system.	821,898	May 29	5834	1241	122	1531
Taylor, William F., Superior, Wis. Emergency knuckle-sleeve.	817,349	Apr. 10	1586	335	121	1767
Taylor, William F., Superior, Wis. Emergency knuckle-sleeve.	824,451	June 26	4404	936	122	2846
Taylor, William H., assignor of one-half to T. Cooney, Philadelphia, Pa. Self-acting switch.	823,310	June 12	2202	459	122	2257
Taylor, William H., Baltimore, Md., assignor to United Shoe Machinery Company, Paterson, N. J. Heel for boots and shoes.	834,085	Oct. 23	4382	931	124	2409
Taylor, William M., Mecklenburg, Va. Auxiliary rudder.	818,315	Apr. 17	3527	736	121	2240
Taylor, William M., Mecklenburg county, Va. Auxiliary rudder.	836,543	Nov. 20	3262	694	125	903
Taylor, William M., Weston, W. Va. Window-sash.	831,575	Sept. 25	3364	707	124	937
Taylor, William M., Weston, assignor of one-half to W. Holle, Santa Clara, W. Va. Door-holder.	829,183	Aug. 21	3029	633	123	2491
Taylor, William O., Limerick Square, Pa. Automatic cut-out device for electric circuits.	839,048	Dec. 18	3464	748	125	2297
Taylor, William P., Buffalo, N. Y. Brake-shoe.	821,000	May 22	4058	863	122	1083
Taylor, William P., Buffalo, N. Y. Brake-shoe.	828,346	Aug. 14	1326	280	123	2023
Taylor, William P., Buffalo, N. Y. Brake-shoe.	828,347	Aug. 14	1327	281	123	2024
Taylor, William P., Buffalo, N. Y. Brake-shoe.	828,348	Aug. 14	1329	281	123	2024
Taylor, William P., and J. L. Hoard, McKeesport, Pa. Pleasure-railway.	815,986	Mar. 27	4050	857	121	1038
Taylor, William W., Oxford, England. Door, window, and the like.	821,201	May 22	4448	947	122	1168
Taylor, Zane B., Orbisonia, Pa. Composition building material.	821,550	May 22	5142		122	1320
Tayman, Franklin S., Philadelphia, Pa., assignor of two-thirds to H. C. Wheeler, Boston, Mass., and W. H. Brew, Philadelphia, Pa. Drier.	835,265	Nov. 6	782	163-4	125	197
Tayntor, Charles E., New York, N. Y. Roof for mausoleums, vaults, tombs, and the like.	826,451	July 17	3546	738	123	928
Tcherniack, Abraham, New York, N. Y. Loom for weaving. (Reissue)	12,493	June 5	1342	277-9	122	2019
Tea Tray Company. (See Marten and Eichhorn, assignors.)						
Teaby, William H., Geyserville, Cal. Land-roller.	827,329	July 31	5398	1121	123	1427
Teaby, William H., Berkeley, Cal. Gate.	831,487	Sept. 18	3171	671	124	853
Teague, Ralph C., et al. (See Peden, Joseph W., assignor.)						
Teal, Benjamin F., Glenside, Pa. Apparatus for recording the movements of vehicles.	819,618	May 1	1133	250-1	122	255
Teas, Daniel H., New Haven, Conn., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Lathe-driver.	815,659	Mar. 20	3363	704	121	841
Teate, Thomas A., assignor of one-half to H. C. Ramsey, Thomasville, Ga. Fabric-measuring device.	819,096	May 1	126	27	122	33
Tedford, Walker W., Austin, Ark. Fertilizer-distributor.	835,379	Nov. 6	1013	215	125	256
Teel, Henry C., assignor to Olds Gasoline Engine Works, Lansing, Mich. Explosive-engine governor.	831,576	Sept. 25	3365	707	124	938
Teel, Howard R., Medford, Mass. Tire-case.	815,319	Mar. 13	2652	555	121	636

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Diag.	Vol.	Page.
Teel, Jacob, Decatur, Ill. Washing-machine.	837,596	Dec. 4	640	148	125	1513
Teese, Robert W., Warren, Pa. Column for flagstaffs.	822,405	June 5	339	70	122	1800
Teeter, Chancellor, Thornhill, Canada. Writer's cabinet.	826,624	July 24	3983	824	123	1060
Teeter, Robert L., Ellis, Minn. Nose-ring for animals.	816,194	Mar. 27	4491	953	121	1135
Teeter, William T., Robert Lee, Tex. Cultivator attachment.	824,961	July 3	577	115	123	154
Teets, Ritchie E., Toledo, Ohio. Cement-block-molding machine.	812,615	Feb. 13	2208	481	120	2015
Tefft, Charles W., Toledo, Ohio. Car-door.	820,153	May 8	2308	504-5	122	577
Tefft, Floyd J., Geneva, N. Y. Coin-controlled mechanism.	826,972	July 24	4628	964	123	1220
Teigen, John H. (See Bergland and Teigen.)						
Teilman, Ingvar, Fresno, Cal. Method and means for procuring water for irrigating and other purposes.	818,204	Apr. 17	3307	707	121	2195
Telephon-Fabrik Actiengesellschaft vorm. J. Berliner. (See Arnheim, Paul, assignor.)						
Telepost Company. (See Delany, Patrick B., assignor.)						
Teller, John C., Minneapolis, Minn. Furnace.	819,183	May 1	285	61	122	72
Teller, Louis J., Providence, R. I., assignor to C. A. Wilkinson & Company. Temple-wire for spectacle frames and mountings.	824,832	July 3	317	58	123	88
Teller, Myron S., Kingston, N. Y. Universal business filing-card.	813,928	Feb. 27	4805	1061	120	2677
Tempel, Gustave A. (See Flatau, Louis S., assignor.)						
Temple, Frank J., and J. Hoehn, assignors to Union Iron Works, Decatur, Ill. Friction-clutch.	829,555	Aug. 28	3818	812	123	2731
Temple, Walter R. (See Davis, Leonard L., assignor.)						
Templeton, William R., Boston, Mass. Valve.	826,625	July 24	3985	824	123	1060
Ten Eyck, Frank E., Auburn, N. Y. Check-valve.	811,185	Jan. 30	5236	1096	120	1296
Tenacity Loose-Leaf Metal Company. (See Schultz and Gerding, assignors.)						
Tench, Frederick, et al. (See McCabe, Franklin J., assignor.)						
Tench, William C., Lynn, Pa. Safety device for elevators.	831,903	Sept. 25	4062	846	124	1120
Tennelly, James R. (See Phillips, Charles C., assignor.)						
Tennessee, Jacob. (See Knight and Tennessee.)						
Tennessee, Bernt, deceased, Philadelphia, Pa.; O. Tenneson and W. H. Baker, executors. Boat.	828,072	Aug. 7	768	158-9	123	1860
Tennessee, Olevine, et al., executors. (See Tennessee, Bernt.)						
Tennigkeit, Fred, Drummond, Okla. Ter. Fence-post.	835,334	Nov. 6	923	195	125	233
Tenny, Edward S., et al., trustees. (See Stearns, Albert T.)						
Tennyson, John W., et al. (See Davis, John W., assignor.)						
Tenold, John A., Northwood, Iowa. Drain-tile and sewer-outlet protector.	830,112	Sept. 4	411	84	124	101
Terhune, Leonard L., Newark, N. J. Horn for receiving and delivering sound.	814,891	Mar. 13	1775	371	121	446
Termaat & Monahan Co. (See Monahan, Louis J., assignor.)						
Terpening, Elmer A., Geneseo, Ill. Electroresponsive device.	810,311	Jan. 16	3452	713-14	120	837
Terpening, Elmer A., Geneseo, Ill. Telephone system.	811,972	Feb. 6	880	194	120	1668
Terpening, Elmer A., Geneseo, Ill. Telephone system.	814,571	Mar. 6	1141	238-9	121	247
Terramorse, Frank, San Francisco, Cal. Polishing-machine.	813,839	Feb. 27	4637	1026	120	2642
Terrell, Edward A. (See Chase, James L., assignor.)						
Terrell, Elah, Columbus, Ohio. Calendar-clock.	819,950	May 8	1822	393-4	122	471
Terrell, Elah, assignor of two-thirds to P. A. Holstein and F. A. Ray, Columbus, Ohio. Engraving-machine.	815,233	Mar. 13	2487	518	121	601
Terrell, George W., assignor of one-half to G. H. Keith and C. G. Hannah, Atlanta, Ga. Door-hanger for sliding doors.	817,886	Apr. 17	2665	580	121	2052
Terrell, George W., and J. W. Schaff, Atlanta, Ga. Door-hanger.	831,904	Sept. 25	4066	846-7	124	1121
Terrell, Henry D., Atlanta, Ga. Coffee-package.	827,581	July 31	5977	1240	123	1567
Terry, Charles H., Bristol, Conn. Reel-clamp for fishing-rods.	820,685	May 15	3352	718	122	864
Terry, George H., assignor to Economy Cement Post Machine Company, Leslie, Mich. Cement-fence-post mold.	811,675	Feb. 6	276	61	120	1546
Terry, George S., et al. (See Ongley, Charles E., assignor.)						
Terry, Hiram, Hereford, Tex. Pump.	826,071	July 17	2832	588	123	755
Terry, Howell P., Elizabeth, N. J. Window-cleaning platform.	818,484	Apr. 24	3843	826	121	2362
Terry, Howell P., Elizabeth, N. J., assignor to G. F. Cornwell, Brooklyn, N. Y. Lawn-mower.	815,132	Mar. 13	2274	475	121	551
Terry, John V., Tucson, Ariz. Ter. Combined flue expanding and beading tool.	829,303	Aug. 21	3263	688	123	2547
Terry, Joshua, Draper, Utah. Rack attachment for stoves.	813,749	Feb. 27	4439	980	120	2599
Terstegge, Henry. (See Homire, Leverett W., assignor.)						
Terstegge, Henry, New Albany, Ind. Mail-box.	833,856	Oct. 23	3752	797	124	2259
Terzian, Sahag, St. Louis, Mo. Windmill.	833,184	Oct. 16	2352	492	124	1871
Tesch, Charles H., Milwaukee, Wis. Support for swing-seats, shelves, &c.	824,217	June 26	3937	843	122	2751
Tesch, Ernest A. (See Fischer, Joseph B., assignor.)						
Tessmann, Otto, Magdeburg, assignor to P. Eschenbach, Gross Salze, Germany. Curtain-holder.	826,128	July 17	2940	610	123	780
Test, A. L. (See Russell, Oren J., assignor.)						
Testi, Paolo. (See Pusterla and Testi.)						
Teter-Heany Developing Company. (See Heany, John A., assignor.)						
Teter, William W., et al. (See Nicewarner, Theodore G., assignor.)						
Tetlow, Joseph, assignor to H. R. Jordan, Saco, Me. Trolley.	824,833	July 3	319	58	123	88
Tetlow, Joseph, assignor to H. R. Jordan, Saco, Me. Trolley.	824,834	July 3	320	58	123	89
Tettenborn, Charles, Cincinnati, Ohio. Hinge for step-ladders.	813,535	Feb. 27	4037	885	120	2513
Teute, Ferdinand, Rochester, N. Y. Clasp.	831,197	Sept. 18	2613	550	124	709
Teute, Ferdinand, Rochester, N. Y. Resilient wire-clamp.	833,650	Oct. 16	3316	705	124	2106
Tevander, Olaf N. (See Duncan and Tevander.)						
Tevander, Swan, Maywood, Ill., assignor to American Can Company, New York, N. Y. Screw-top can.	834,173	Oct. 23	4570	969	124	2459
Texier, Hippolyte, Watchung, N. J. Fourchette.	815,878	Mar. 20	3853	816	121	943
Textile Machine Works. (See Janssen, Henry, assignor.)						
Textile Machine Works. (See Thus, Max, assignor.)						
Textile Manufacturing Company. (See Hodgetts, Harold W., assignor.)						
Textile Specialty Company. (See Peters and Mason, assignors.)						
Thacher, John J., Attleboro, Mass., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Feed mechanism.	812,898	Feb. 20	2747	605	120	2173
Thacher, John J., Attleboro, Mass., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Belt-tightener.	812,899	Feb. 20	2750	606	120	2174
Thackray, George E. (See Sage and Thackray.)						
Thackray, George E. (See Weaver and Thackray.)						
Thackwell, Edward. (See Jenkins and Thackwell.)						
Thames Arms Company. (See Robertson, James D., assignor.)						
Thames Ironworks, Shipbuilding & Engineering Company. (See Hone, George J., assignor.)						
Thames Motor Company. (See Pendleton, Gurdon, assignor.)						
Thannheimer, Josef, assignor of one-half to J. Anderson, Detroit, Mich. Change-speed gear.	816,401	Mar. 27	4936	1049	121	1230

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Tharp, John H., Cherokee, Kans. Animal-trap.....	813,333	Feb. 20	3627	795	120	2362
Thatcher, Frederick B., Providence, R. I. Bottle-filling machine.....	809,407	Jan. 9	1628	331-2	120	391
Thatcher, Frederick B., Providence, R. I. Closure for sealing bottles or similar articles.....	816,513	Mar. 27	5152	1092	121	1276
Thatcher, Jesse W. (See Hullings, Charles W., assignor.)						
Thau, Joseph. (See Paul and Thau.)						
Thausing, Victor, Vienna, Austria-Hungary. Refrigerating apparatus for cooling air.....	811,596	Feb. 6	121	26	120	1512
Thayer, Edward D., et al. (See Crompton, Randolph, assignor.)						
Thayer, Harry M., Woodhull, Ill. Metallic feed-box.....	820,075	May 8	2159	470	122	545
Thayer, James H., Chicago, Ill. Automatic tightener for bed-springs.....	823,824	June 19	3189	675	122	2530
Thayer, John P. (See Baugher, David L., assignor.)						
Thayer, Paul M., Plymouth, Ind. Weed-puller.....	809,476	Jan. 9	1767	364	120	422
Thayer, Russell, Philadelphia, Pa. Electrically-propelled vehicle. (Reissue).....	12,449	Feb. 6	1334	289-90	120	1763
Thayer, Russell, and J. Ledwinka, Philadelphia, Pa.; said Ledwinka assignor to said Thayer. Electrically-propelled vehicle.....	838,283	Dec. 11	2036	439	125	1903
Theberath, John H., South Orange, assignor to Bippart, Griscom & Osborn, Newark, N. J. Collar-supporter.....	821,678	May 29	5414	1153	122	1435
Theil, Charles W., assignor of two-thirds to A. D. and J. T. Seaman, Milwaukee, Wis. Electric drill.....	810,444	Jan. 23	3766	775	120	940
Theil, Fred, Chicago, Ill. Coffee-urn.....	831,253	Sept. 18	2726	574	124	739
Theis, Henry and H. J., Lawrenceburg, Ind., assignors to said Henry Theis. Railway-frog.....	818,717	Apr. 24	4346	932	121	2471
Theis, Henry J. (See Theis, Henry and H. J.)						
Theis, Rudolf, Solingen, Germany. Scissors.....	809,541	Jan. 9	1884	391	120	447
Theiss, George W. (See Hulett and Theiss.)						
Themke, Louis E. L., assignor of one-half to F. Scheibal and J. Dittrich, Strathcona, Alberta, Canada. Switch operating and locking mechanism.....	835,989	Nov. 13	2138	459	125	576
Thenn, George M. (See Mortensen and Thenn.)						
Thensers, John, Caribou, Me. Adjustable stilt.....	809,862	Jan. 9	2497	519	120	583
Therien, Joseph A., et al. (See Duplessis, Elouid, assignor.)						
Therien, Joseph H., San Francisco, Cal. Centrifugal clothes-wringer.....	827,046	July 24	4778	998	123	1256
Therrell, Daniel M., Charleston, S. C. Telephony.....	815,322	Mar. 13	2680	558-60	121	641
Theryc, Charles. (See Maslin and Theryc.)						
Theryc, Charles, and E. Maslin, assignors to Societe Anonyme des Procèdes Maslin & Theryc, Marseille, France. Heat-exchanging apparatus.....	837,146	Nov. 27	4521	958	125	1248
Theureur, Jacob F., Milwaukee, Wis. Apparatus for filtering beer.....	835,122	Nov. 6	497	100	125	128
Theureur, Theophile J. M., Gaillon, France. Nailing-machine.....	819,471	May 1	874	190-1	122	196
Thew, Richard, and H. H. Harris, Lorain, Ohio. Pneumatic wheel.....	818,060	Apr. 17	3010	651	121	2130
Theyskens, Alphonse, Brussels, Belgium. Trackless door-hanger.....	832,931	Oct. 9	1843	381	124	1695
Thibodeau, James A. (See Schmidt, Wunderlich, and Thibodeau.)						
Thiebaut, Camille, Vitry-sur-Seine, France. Chain-machine for the manufacture of corrugated cardboard.....	810,891	Jan. 23	4641	967-8	120	1133
Thiedemann, Hinry and J. H., Hickman, Nebr. Draft-elevator.....	819,097	May 1	128	27	122	33
Thiedemann, Jurgen H. (See Thiedemann, Hinry and J. H.)						
Thiel, Otto, Landstuhl, Germany. Manufacture of iron.....	828,583	Aug. 14	1796	379	123	2146
Thiele, Adolf, Dresden, Germany. Reading-stand.....	835,144	Nov. 6	548	112	125	140
Thiele, Edmund, Brussels, Belgium. Apparatus for the manufacture of artificial silk.....	838,758	Dec. 18	2931	631	125	2166
Thiele, Friedrich, Hildesheim, Germany. Gas-producer.....	837,755	Dec. 4	956	215	125	1592
Thiele, Herman, assignor to Twentieth Century Life Saving Automatic Pender Company, Milwaukee, Wis. Car-fender.....	833,946	Oct. 23	3954	840	124	2311
Thiele, Karl. (See Lauber and Thiele.)						
Thielen, Anthony, Bryant, Iowa. Attachment for plows.....	812,382	Feb. 13	1753	384	120	1923
Thielen, Nicholas, Chicago, Ill. Cigar-bunching device.....	809,758	Jan. 9	2306	478	120	540
Thielmann, Peter, and J. Meisenburg, Duisburg, Germany. Apparatus for making frames for mine-cages and the like.....	823,711	June 19	2981	631	122	2484
Thiemann, Heinrich, Stolp, Germany. Utilizing waste amber.....	839,336	Dec. 25	4075	125	2493	
Thieme, Oskar B., Potsdam, Germany. Producing celluloid-like substances.....	831,488	Sept. 18	3172	124	853	
Thier, Max, Erfurt, Germany. Cylinder for internal-combustion motors and the like.....	813,536	Feb. 27	4038	885	120	2514
Thilborger, Edward J., and P. C. Le Corgne, New Orleans, La. Candy or cracker sample case.....	814,572	Mar. 6	1145	239	121	248
Thill, Peter. (See Lloyd and Thill.) (Reissue.)						
Thime, Gilbert H., Chicago, Ill. Plating compound.....	838,148	Dec. 11	1764	125	1837	
Thines, William B., Trenton, N. J. Bonding or tying device.....	809,231	Jan. 2	1214	248	120	268
Thiss, George R., Minneapolis, Minn. Wardrobe-rack.....	813,258	Feb. 20	3463	763	120	2328
Thisselle, William J., et al. (See Keiser, Francis R., assignor.)						
Thissen, John H., and J. R. Vander Putten, Knoxville, Pa. Radiator.....	833,857	Oct. 23	3754	797-8	124	2259
Thistlewood, Theodore, Houston, Del. Adjustable shade-bracket.....	826,386	July 17	3422	709	123	896
Thode, Gustav A., Omaha, Nebr. Washing-machine.....	818,058	Apr. 17	3005	649-50	121	2129
Thoeni, Herman, assignor of one-half to A. J. Burt, Spokane, Wash. Weed-exterminator.....	812,616	Feb. 13	2211	482	120	2015
Thoens, Burchard, New York, N. Y. Ammonia-still.....	818,858	Apr. 24	4630	994	121	2532
Thoens, Burchard, New York, N. Y. Ice and refrigeration machine.....	830,466	Sept. 4	1143	240	124	282
Thole, Wilhelm F., and F. Ott, Allegheny, Pa. Fire-escape.....	809,033	Jan. 2	803	173-4	120	177
Thollander, Axel, Chicago, Ill. Scrubber or brush.....	818,316	Apr. 17	3528	757	121	2241
Thom, James C., Helmetta, N. J. Can-machine.....	831,905	Sept. 25	4067	847-8	124	1121
Thom, John C., South Amboy, N. J. Check-valve.....	818,485	Apr. 24	3845	827	121	2362
Thom, Peter R., Appleton, assignor of two-thirds to Kimberly & Clark Company, Neenah, Wis. Machine for screening fibrous pulp.....	814,748	Mar. 13	1512	320-1	121	391
Thom, Thomas M., Cheshunt, England. Manufacture of artificial marble and stone.....	825,088	July 3	797	123	213	
Thoma, Andrew, Cambridge, assignor to Clifton Manufacturing Company, Boston, Mass. Making inner soles and the like.....	812,383	Feb. 13	1755	385	120	1924
Thoma, Andrew, Cambridge, Mass., assignor to Commonwealth Trust Company, trustee, Buffalo, N. Y. Reinforcing fabric for inner soles.....	812,384	Feb. 13	1758	385	120	1924
Thoma, Andrew, Cambridge, Mass., assignor to North American Chemical Company, New York, N. Y. Shoe-filler package and making the same.....	832,002	Sept. 25	4236	886	124	1164
Thoma, James G. D. (See Thoma, James K. and J. G. D.)						
Thoma, James K., near Cooperstown, and J. G. D. Thoma, Oneonta, N. Y. Collar and cuff button.....	818,486	Apr. 24	3846	827	121	2363
Thomander, Edward P., assignor of one-half to H. P. Petersen, Ephraim, Utah. Soap and towel rack.....	839,337	Dec. 25	4076	875	125	2493
Thomann, Paul, Halle-on-the-Saale, Germany. Brick-machine.....	823,232	June 12	2051	426	122	2225
Thomas, Abner D., Little Rock, Ark. Roller cotton-gin.....	832,707	Oct. 9	1389	280	124	1587
Thomas, Albert R. (See Westlake and Thomas.)						
Thomas, Albion W., assignor to L. V. Jones, Rome, N. Y. Cutting-machine for vegetables, &c.....	810,998	Jan. 30	4873	1014-15	120	1219
Thomas, Ashley D., Belleville, Wis. Sawbuck.....	814,336	Mar. 6	694	139	121	152

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Thomas, Augustus O., Kearney, Nebr. Building-block and wall constructed therefrom.	822,320	June 5	191	37	122	1769
Thomas, Augustus O., Kearney, Nebr. Mold	826,387	July 17	3423	710	123	896
Thomas, Augustus O., Kearney, Nebr. Building-block and wall constructed thereof	826,388	July 17	3424	710	123	896
Thomas, Avila, assignor of one-half to E. F. Glock, Detroit, Mich. Reinforced concrete curbing	813,334	Feb. 20	3628	796	120	2362
Thomas, Avila, assignor of one-half to E. F. Glock, Detroit, Mich. Reinforced concrete.	827,892	Aug. 7	389	82-3	123	1767
Thomas, Benjamin F. (See Skinner, James, assignor.)						
Thomas, Bert H., assignor of one-half to W. K. Andrews, Millers Station, Pa. Milk-aerator	810,892	Jan. 23	4643	968	120	1133
Thomas & Betts Co. (See Thomas, Robert M., assignor.)						
Thomas, Cassius M., Camden, Ohio. Return-ball.	837,147	Nov. 27	4522	958	125	1248
Thomas, Charles J. (See Oliver and Thomas.)						
Thomas, Charles L., Canisteo, N. Y. Vehicle-spring	830,809	Sept. 11	1857	386	124	498
Thomas, Charles L., Canisteo, N. Y. Vehicle-spring	830,810	Sept. 11	1858	386	124	498
Thomas, Charles O. (See Peck, Luke R., assignor.)						
Thomas, Charles W., Nutley, assignor of one-half to C. Smith, Belleville, N. J. Centrifugal machine for screening pulp	809,642	Jan. 9	2104	435-6	120	492
Thomas, Cornelius R. (See Simpson, Joseph B., assignor.)						
Thomas, Daniel, Girard, Ohio. Belt for brake-wheels	825,089	July 3	797	166	123	213
Thomas, David, San Francisco, Cal. Anchor for air-ships	826,908	July 24	4526	942	123	1196
Thomas, David C., Bronwydd, Llanishen, England. Tire	836,286	Nov. 20	2763	586	125	786
Thomas, Edward C., and C. F. Jenkins, Washington, D. C. Automatic sign-changing letter	808,884	Jan. 2	524	115	120	117
Thomas, Edward G., Cambridge, Mass. Rail-bond	812,900	Feb. 20	2752	606	120	2174
Thomas, Edward J. (See Schweizer and Thomas.)						
Thomas, Edwin E., Portland, Oreg. Lifting-jack	829,238	Aug. 21	3126	658	123	2514
Thomas, Edwin E., Portland, Oreg. Steam-actuated valve	830,811	Sept. 11	1860	387	124	498
Thomas, Edwin S., Fairfield, Iowa. Railway structure	818,800	Apr. 24	4525	967	121	2511
Thomas, Enoch G., Markle, Ind. Heating-stove	838,667	Dec. 18	2776	595	125	2129
Thomas, Eugene A., Chicago, Ill. Carpet cleaning and disinfecting machine	815,987	Mar. 27	4053	858-9	121	1039
Thomas, Frank A. (See Hall and Thomas.)						
Thomas, George C., New York, N. Y. Trolley	827,829	Aug. 7	278	57	123	1739
Thomas, George H. (See Colford and Thomas.)						
Thomas, George H., Philadelphia, Pa. Dumping-wagon	812,100	Feb. 6	1136	248	120	1720
Thomas, George P., Pittsburg, Pa. Punching-machine	835,123	Nov. 6	499	101-2	125	129
Thomas, George W., et al. (See Smith, Frank A., assignor.)						
Thomas, George W., Yosemite, Ky. Combined post and wire-stretcher	810,232	Jan. 16	3283	679	120	800
Thomas, Henry E., assignor of one-half to G. Tressler, San Francisco, Cal. Rotary engine	820,447	May 15	2283	627	122	763
Thomas, Herbert A., assignor to Dry Amalgamation Co., Chicago, Ill. Amalgamating process	814,814	Mar. 13	1644	345	121	418
Thomas, Howell, and C. E. Deline, Watertown, N. Y. Apparatus for making artificial building-blocks	833,010	Oct. 9	1984	415	124	1730
Thomas, Jacob A., Hanover, Pa. Dental disk-holder	831,489	Sept. 18	3173	671	124	854
Thomas, James. (See Hughes and Thomas.)						
Thomas, James L., Winlock, Wash. Wagon-brake	815,568	Mar. 20	3183	669	121	800
Thomas, John B., and J. Lynch, Lakewood, N. J. Race-course for automobiles	809,588	Jan. 9	1979	410-11	120	466
Thomas, John H., Johannesburg, Transvaal. Drill for drilling holes in rock or the like	821,202	May 22	4450	947	122	1168
Thomas, John K., Columbus, Ohio. Brush	828,584	Aug. 14	1797	379	123	2146
Thomas, John R., assignor to J. A. Fay & Egan Company, Cincinnati, Ohio. Planing machinery	821,137	May 22	4334	922	122	1143
Thomas, John R., assignor to J. A. Fay & Egan Company, Cincinnati, Ohio. Feeding device for woodworking machinery	831,577	Sept. 25	3366	708	124	938
Thomas, John R., assignor to J. A. Fay & Egan Company, Cincinnati, Ohio. Feeding device for woodworking machinery	833,858	Oct. 23	3755	798	124	2260
Thomas, John R., assignor to J. A. Fay & Egan Company, Cincinnati, Ohio. Feeding-roll	837,756	Dec. 4	957	216	125	1592
Thomas L. Leedom Company. (See Robertson, Andrew G., assignor.)						
Thomas, Léon, Paris, France. Chlorated explosive	826,389	July 17	3426		123	897
Thomas, Lewis H., Thomasville, Ill. Nose device for hogs	832,348	Oct. 2	665	127	124	1372
Thomas, Lewis H., Thomasville, Ill. Nose device for hogs	832,349	Oct. 2	666	127	124	1372
Thomas Maddock's Sons Company. (See Kelly, John F., assignor.)						
Thomas Manufacturing Company (See Pelton, Charles H., assignor.)						
Thomas, Martin E., Batavia, Iowa, assignor of one-half to F. Fishel, Batavia, N. Y. Electrical gun	815,490	Mar. 20	3083	633	121	768
Thomas, Newell L. (See Bryant and Thomas.)						
Thomas, Percy H., East Orange, N. J., assignor to Cooper Hewitt Electric Company, New York, N. Y. Means for controlling mercury-vapor electric lamps	809,643	Jan. 9	2107	436	120	493
Thomas, Philip, New York, assignor of one-half to W. Schwanhausser, Brooklyn, N. Y. Chuck	824,085	June 19	3683	784	122	2636
Thomas Potter Sons and Company. (See Snow, Carl, Coulston, and Phelps, assignors.)						
Thomas, Richard H., Chicago, Ill. Spraying device	832,097	Oct. 2	139	30	124	1246
Thomas, Robert M., Elizabeth, N. J., assignor to Thomas & Betts Co., New York, N. Y. Outlet-box	826,072	July 17	2835	588	123	756
Thomas, Robert P., et al. (See Levake, Anson S., assignor.)						
Thomas, Sarah J., et al. (See Thomas, Thomas C., assignor.)						
Thomas, Stephen E., Hagan, Ga. Wrench	832,098	Oct. 2	140	30	124	1246
Thomas, Stephen M., Chicago, Ill. Game-board	818,582	Apr. 24	4061	871	121	2407
Thomas, Thomas C., assignor to J. Hansam and S. J. Thomas, Peoria, Ill. Fruit-jar	826,452	July 17	3549	738	123	929
Thomas, Thomas W., and G. W. Gillette, assignors of one-half to S. Risley, Cleveland, Ohio. Automatic changeable sign	821,068	May 22	4194	891-2	122	1112
Thomas, Thomas W., and G. W. Gillette, assignors of one-half to S. Risley, Cleveland, Ohio. Automatic changeable sign	833,985	Oct. 23	4141	879-80	124	2350
Thomas, William, Sheboygan, Wis. Adjustable running-gear for wagons	833,491	Oct. 16	3003	637	124	2031
Thomas, William B., McRae, Ga. Combined sash and shutter lock	828,349	Aug. 14	1331	281	123	2025
Thomas, William B., Latrobe, Pa. Ice-pick	831,313	Sept. 18	2853	605	124	773
Thomas, William G. (See Moore and Thomas.)						
Thomas, William H., Cleveland, Ohio. Display-crate	828,441	Aug. 14	1508	317	123	2070
Thomas, William I., Chicago, Ill. Golf-ball	809,034	Jan. 2	806	174	120	178
Thomas, William I., Chicago, Ill. Golf-ball	809,035	Jan. 2	807	174	120	178
Thomas, William L., Watertown, Wis. Rail-joint	824,390	June 26	4272	910	122	2819
Thomas, William W., trustee. (See Dyer and Spinney, assignors.)						
Thomas Wrigley Company. (See Ahlander, Ernst H., assignor.)						
Thomasson, Hugh W., St. Louis, Mo. Combined land-roller and corn-planter	835,206	Nov. 6	661	137	125	168
Thomasson, Hugh W., St. Louis, Mo. Corn-planter	838,476	Dec. 11	2397	520	125	1992
Thomes, Frank E., Portland, Me. Core-box cutter	824,962	July 3	578	115	123	154

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Thompson, Albert H. (See Eby, Maurice S., assignor.)						
Thompson, Alfred. (See Lewis, Charles M., assignor.)						
Thompson, Andrew C. (See Thompson, Nelson W. and A. C.)						
Thompson, Asa, Spartanburg, S. C. Cotton chopper and cultivator	830,113	Sept. 4	412	85	124	101
Thompson, Augustus F., Huntington, W. Va. Match-box	825,987	July 17	2655	552	123	711
Thompson, Bert E., assignor to Wilson & Hayes Mfg. Co., Detroit, Mich. Mud-guard fastening	817,203	Apr. 10	1306	272	121	1708
Thompson, Bert E., assignor to Hayes Manufacturing Company, Detroit, Mich. Fastener for fenders	817,204	Apr. 10	1307	272	121	1708
Thompson, Calvin B., et al. (See Naginey, John C., assignor.)						
Thompson, Channing M., Newark, Ohio. Hose-clamp	832,099	Oct. 2	142	30-1	124	1246
Thompson, Charles A. (See Marriage, George R., assignor.)						
Thompson, Charles E. (See Dunn, William N., assignor.) (Reissue.)						
Thompson, Charles E., Oswego Falls, N. Y. Pivot-bolt for loom-shuttle spindles	808,885	Jan. 2	524	115	120	117
Thompson, Charles M. (See Law, Samuel H., assignor.)						
Thompson, Charles T., Philadelphia, Pa., and F. P. Mitchell, Laurel Springs, N. J. Golf-club	838,284	Dec. 11	2039	439	125	1903
Thompson, Clarkson M., Portland, Me. Draft appliance	825,776	July 10	2274	472	123	600
Thompson, Cornelius, Chicago, Ill. Anchor-plate	826,909	July 24	4528	942	123	1196
Thompson, Earnest L., and A. E. Sheldon, Bluffton, Ind. Scale-truck	827,580	July 31	5975	1239	123	1567
Thompson, Elwin L. (See Oliver, Walton F., assignor.)						
Thompson, Emery, New Rochelle, N. Y. Freezing device	814,993	Mar. 13	1973	415	121	484
Thompson, Erwin W. (See Haskell and Thompson.)						
Thompson, Everett E., J. O., and J. A., Kaufman, Tex. Insect-exterminator	818,059	Apr. 17	3008	650-1	121	2130
Thompson, Everett L., Brooklyn, N. Y. Automatic sprinkler	824,453	June 26	4407	937	122	2846
Thompson, Evert W., Niles, Mich. Molding-machine	830,540	Sept. 11	1305	269-70	124	350
Thompson, Frank D., et al. (See McCleary, Alexander, assignor.)						
Thompson, Frank H., Haw River, N. C. Combined animal tether and feed-bag	812,157	Feb. 6	1270	278	120	1748
Thompson, Fred, U. S. Navy. Combined clothing hanger and clamp	828,785	Aug. 14	2184	462	123	2243
Thompson, Frederick W., New York, N. Y. Amusement apparatus	830,853	Sept. 11	1941	407	124	520
Thompson, George B. (See Agin and Thompson.)						
Thompson, George D., Arlington Heights, Ohio. Elevator-gate	809,644	Jan. 9	2109	436	120	493
Thompson, George E., I. C. and R. Benedict, Paterson, N. J. Meat-hook	829,239	Aug. 21	3128	658	123	2514
Thompson, George S., Hockessin, Del. Stay-bolt	823,825	June 19	3193	675	122	2531
Thompson, George W., Canton, Ill. Gate	812,964	Feb. 20	2892	638	120	2206
Thompson, Gilbert S., Cedar Rapids, Iowa. Water-closet flush-tank	813,599	Feb. 27	4157	911-12	120	2539
Thompson, Guy M., assignor of one-fourth to C. S. Follett, Seattle, Wash. Railway-switch	815,314	Mar. 13	2642	553	121	634
Thompson, Hamlin T., Flovilla, assignor of one-half to W. D. Gibson, Fayetteville, Ga. Wrench	808,954	Jan. 2	654	143	120	144
Thompson, Harvey W., Pitman Grove, N. J. Apparel-pad	817,020	Apr. 3	949	195	121	1569
Thompson, Hiram M., deceased, Logan, Mont.; M. E. Thompson, administratrix. Hay-stacker	814,098	Mar. 6	193	38-9	121	42
Thompson, Hugh L., Waterbury, Conn. Gripping means for wire-drawing devices	811,107	Jan. 30	5060	1058	120	1259
Thompson, Ida M., Jamestown, N. D. Window-kitchen. (Reissue.)	12,471	Apr. 10	2344	503	121	1929
Thompson, James, Somerville, Mass. Lug-strap connection for looms	822,321	June 5	192	38	122	1769
Thompson, James, Greeley, Colo. Bag-holder	837,148	Nov. 27	4523	958	125	1248
Thompson, James, and H. H. Schrader, Greeley, Colo. Shingle-bracket	821,551	May 22	5143	1096	122	1320
Thompson, James F. (See Hanstine and Thompson.)						
Thompson, James S., Chicago, Ill., assignor to American Brake Shoe & Foundry Company, Jersey City, N. J. Brake-shoe	828,442	Aug. 14	1509	317	123	2070
Thompson, James S., Chicago, Ill., assignor to E. H. Fallows, trustee, New York, N. Y. Brake-shoe	838,222	Dec. 11	1907	409	125	1873
Thompson, James T., Tuolumne, Cal. Drill sharpener, shaper, and gager	808,886	Jan. 2	525	116	120	117
Thompson, John and J., Belfast, Ireland. Collar for personal wear	821,443	May 22	4952	1052	122	1281
Thompson, John B., Philadelphia, Pa., assignor to Ketterlinus Lithographic Manufacturing Company. Easel	816,274	Mar. 27	4642	984	121	1168
Thompson, John E., Worcester, Mass. Hand-exercising device	835,873	Nov. 13	1943	411	125	530
Thompson, John H., Fitchburg, Mass. Automatic draft-opener	810,821	Jan. 23	4486	933	120	1101
Thompson, John H., Charleston, W. Va., assignor to Universal Electric Equipment Company, Birmingham, Ala. Power-transmission mechanism	810,176	Jan. 16	3148	652	120	773
Thompson, John I., Elk Grove, Cal. Ladder	819,951	May 8	1824	394	122	471
Thompson, John M., assignor of three-fourths to T. W. Kennedy and W. N. La Tour, Buffalo, N. Y. Sewer-cleaner	813,028	Feb. 20	3012	663	120	2231
Thompson, John T., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Machine for cutting powder strips	827,674	July 31	6198	1286-8	123	1627
Thompson, Joseph. (See Thompson, John and J.)						
Thompson, Joseph, Oakland, Cal. Gravitation-railway	833,762	Oct. 23	3527	752	124	2203
Thompson, Joseph F., Marietta, Ohio. Underreamer	839,675	Dec. 25	4764	1018	125	2659
Thompson, Joseph H., assignor of one-half to J. Murphy, Passaic, N. J. Sewing-machine table	823,005	June 12	1543	321	122	2113
Thompson, Julius O. (See Thompson, Everett E., J. O., and J. A.)						
Thompson, Junious A. (See Thompson, Everett E., J. O., and J. A.)						
Thompson, La Marcus A., assignor to L. A. Thompson Scenic Railway Company, New York, N. Y. Pleasure-railway	825,431	July 10	1524	315	123	415
Thompson, La Marcus A., assignor to L. A. Thompson Scenic Railway Company, New York, N. Y. Amusement apparatus	828,689	Aug. 14	1997	422	123	2196
Thompson, Mattie E., administratrix. (See Thompson, Hiram M.)						
Thompson, Nelson W. and A. C., Erskineville, Ore. Combined harvester and thresher	837,149	Nov. 27	4525	959-60	125	1249
Thompson, Noma, Washington, D. C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	834,947	Nov. 6	139	27	125	39
Thompson, Oliver E., Ypsilanti, Mich. Kraut-cutter. (Reissue.)	12,436	Jan. 16	3622	745-6	120	875
Thompson, Orrin B., Jersey, Ohio. Invalid-lift	808,783	Jan. 2	331	71	120	74
Thompson, Percy. (See Gerard, Léon, assignor.)						
Thompson, Ralph S., assignor to Springfield Furnace Company, Springfield, Ohio. Furnace	816,275	Mar. 27	4643	985	121	1168
Thompson, Ralph S., assignor to Springfield Furnace Company, Springfield, Ohio. Gas-furnace	816,276	Mar. 27	4645	985-6	121	1168
Thompson, Richard, New York, N. Y., and J. A. Sharman, East Orange, N. J. Hydraulic lubricator	810,999	Jan. 30	4875	1015	120	1219
Thompson, Robert R., Chicago, Ill., assignor, by mesne assignments, to United Mattress Machinery Company. Mattress-tufting machine	819,952	May 8	1825	394-9	122	471
Thompson, Robert R., Boston, Mass., assignor, by mesne assignments, to United Mattress Machinery Company. Knitter for mattress-tufting machines	819,953	May 8	1837	399-403	122	474
Thompson, Robert R., and C. F. Pinkham, Boston, Mass., assignors to United Mattress Machinery Company. Knitter	819,954	May 8	1850	403-8	122	476
Thompson, Robert R., and C. F. Pinkham, Boston, Mass., assignors to United Mattress Machinery Company. Machine for tufting mattresses	819,955	May 8	1860	408-13	122	477

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Thompson, Robert W., Clearfield, Pa. Burial-vault.	831,906	Sept. 25	4071	848	124	1122
Thompson, Sam B., <i>et al.</i> (See Bellamy, Charles R., assignor.)						
Thompson, Samuel H., Fort Myers, Fla. Wire-stretcher.	830,854	Sept. 11	1942	408	124	521
Thompson, Samuel J. (See Carter and Thompson.)						
Thompson, Stephen W., <i>et al.</i> (See Zininger, Edward D., assignor.)						
Thompson, Thomas, Paulina, Iowa. Automatic trip mechanism for bundle-carriers of harvesters.	838,668	Dec. 18	2778	595-6	125	2129
Thompson, Thomas C. (See Powner and Thompson.)						
Thompson, Thomas F., Monessen, and A. P. Baldwin, Belle Vernon, Pa. Curtain-pole.	833,564	Oct. 16	3130	665	124	2062
Thompson, William E., Tecumseh, Nebr. Fly-trap.	824,517	June 26	4538	962	122	2878
Thompson, William H., Leominster, Mass. Hair-pin rubbing and polishing machine.	816,137	Mar. 27	4382	926	121	1112
Thompson, William H., Corning, Iowa. Cultivator.	830,939	Sept. 11	2088	441	124	554
Thompson, William H., Fairmount, N. D. Smut-machine.	833,947	Oct. 23	3958	840-1	124	2312
Thompson, William H., and C. J. Swank, Norton, Va. Lubricating car-wheel.	822,560	June 5	644	129	122	1868
Thompson, William J. D. (See Bentley and Thompson.)						
Thompson, William J. D., and W. Bentley, Toronto, Canada. Sliding window.	817,284	Apr. 10	1468	308	121	1741
Thompson, William P., Philadelphia, Pa. Fire-escape.	831,808	Sept. 25	3833	803	124	1063
Thomsen, Hugo A., Madison, N. J. Fire-escape.	819,956	May 8	1872	413-14	122	478
Thomsen, Ingebert J., Minden, Nebr. Pneumatic horse-collar.	816,761	Apr. 3	412	93	121	1449
Thomson, Arthur T. M., London, England. Semi-automatic telephone-exchange system.	809,232	Jan. 2	1216	248-52	120	269
Thomson, Arthur T. M., London, England. Semi-automatic telephone-exchange system. (Reissue).	12,565	Nov. 20	3498	745-9	125	957
Thomson, Charles A., Belleville, and V. Pennington, Jr., Newark, assignors to C. A. Thomson Machine Company, Belleville, N. J. Machine for dividing measured charges from a mass of material.	836,787	Nov. 27	3786	806-7	125	1069
Thomson Electric Welding Company. (See Rietzel and Barstow, assignors.)						
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Electrostatic influence-machine.	809,761	Jan. 9	2310	479	120	540
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Thermostatic control.	822,323	June 5	197	39	122	1770
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Governing mechanism for elastic-fluid turbines.	822,324	June 5	199	40-1	122	1770
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Insulated coil for electrical apparatus and making the same.	824,048	June 19	3620	771	122	2622
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Diaphragm-actuated mechanism.	832,708	Oct. 9	1392	281	124	1588
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Curve-drawing instrument.	839,436	Dec. 25	4277	914-15	125	2542
Thomson, Elihu, Swampscott, and A. A. Ball, Jr., Lynn, Mass., assignors to General Electric Company. Engine.	822,322	June 5	193	38-9	122	1769
Thomson, George A., <i>et al.</i> (See Oscanyan, Paul C., assignor.)						
Thomson, Hans. (See Serrurier, Phillip D., assignor.)						
Thomson, Harry N., and F. Laist, Anaconda, Mont. Treating slimes.	832,176	Oct. 2	319		124	1291
Thomson, Hugh A., Shawlands, Scotland. Switch mechanism.	823,647	June 19	2871	606-7	122	2462
Thomson, John, Invercargill, New Zealand. Tire for vehicle-wheels.	821,679	May 29	5416	1153	122	1435
Thomson, John, assignor to Trident Tire Company, New York, N. Y. Wheel.	837,150	Nov. 27	4528	960	125	1249
Thomson, John, assignor to Trident Tire Company, New York, N. Y. Wheel.	837,151	Nov. 27	4530	960	125	1250
Thomson, John, assignor to Trident Tire Company, New York, N. Y. Wheel.	837,152	Nov. 27	4531	960	125	1250
Thomson, John, assignor to Trident Tire Company, New York, N. Y. Wheel.	837,153	Nov. 27	4533	961	125	1250
Thomson, McLeod W., deceased, Altoona, (W. P. and S. G. Thomson, executors,) assignor of one-half to A. Morrison, Pittsburg, Pa. Insulated rail-joint.	813,840	Feb. 27	4639	1026	120	2643
Thomson, Oscar M. (See Bradshaw and Thomson.)						
Thomson, Oscar M., assignor to J. B. Hall, Philadelphia, Pa. Advertising-machine.	829,040	Aug. 21	2711	568-9	123	2408
Thomson, Samuel G., <i>et al.</i> , executors. (See Thomson, McLeod W.)						
Thomson, Samuel G. (See Thomson, William P. and S. G.)						
Thomson, Thomas K., Yonkers, N. Y. Lighthouse construction.	838,821	Dec. 18	3058	659	125	2197
Thomson, William, Largs, and F. W. Clark, Glasgow, Scotland. Mariner's compass.	816,618	Apr. 3	156	32	121	1396
Thomson, William I., Newark, N. J., assignor to Safety Car Heating & Lighting Company, New York, N. Y. Battery-charging system.	838,822	Dec. 18	3059	659	125	2198
Thomson, William I., Newark, N. J., assignor to Safety Car Heating & Lighting Company. Low-water alarm.	838,823	Dec. 18	3063	660	125	2199
Thomson, William P., <i>et al.</i> , executors. (See Thomson, McLeod W.)						
Thomson, William P., Lansdowne, and S. G. Thomson, Altoona, Pa. Rail-joint.	831,578	Sept. 25	3373	708-9	124	941
Thomson, William P., Lansdowne, and S. G. Thomson, Altoona, Pa. Joint for railway-rails.	831,579	Sept. 25	3374	709	124	941
Thomson, William P., Lansdowne, and S. G. Thomson, Altoona, Pa. Rail-joint.	831,580	Sept. 25	3377	709	124	942
Thomson, William P., Lansdowne, and S. G. Thomson, Altoona, Pa. Rail-joint.	831,581	Sept. 25	3379	710	124	942
Thordarson, Chester H. (See Kenny and Thordarson.)						
Thoreen, Fritz E. J., New York, N. Y. Coffee-roaster.	817,533	Apr. 10	1965	416	121	1846
Thorelius, John E., assignor of one-half to A. Anderson, Iron Mountain, Mich. Draft attachment for cook-stoves.	818,003	Apr. 17	2903	627	121	2109
Thorer, Max J. E., Leutzsch, near Leipsic, Germany. Animal-trap.	835,874	Nov. 13	1944	411-12	125	531
Thormählen, Johann, Hamburg, Germany. Rotary engine.	826,453	July 17	3551	739	123	929
Thorn, George F., New York, N. Y. Material of building construction.	835,717	Nov. 13	1648	351	125	459
Thorn, George F., New York, N. Y. Column for building construction.	835,718	Nov. 13	1652	351	125	460
Thornberg, Ernest, <i>et al.</i> (See Tupper, John S., assignor.)						
Thorne, Emanuel H., Hagan, Ga. Railway-switch.	821,001	May 22	4060	863-4	122	1083
Thorne, Percy R., and R. D. Welton, Vincennes, Ind. Disk jointer for plows.	809,477	Jan. 9	1769	365	120	422
Thornycroft, James B., Mauchline, M. G. Farquhar, Aboyne, Scotland, and A. H. Hill, Birmingham, England. Breech-loading small-arm.	827,893	Aug. 7	391	83	123	1767
Thornley, Frank H. (See Cole and Thornley.)						
Thornley, Frederic S., assignor of one-half to W. S. Little, Pierre, S. D. Voting-machine.	832,932	Oct. 9	1844	381-2	124	1695
Thornley, Frederic S., assignor of one-half to W. S. Little, Pierre, S. D. Key-arrester mechanism.	832,933	Oct. 9	1850	382-3	124	1696
Thornton & Barnett Mfg. Co. (See Barnett, George W., assignor.)						
Thornton, John A., Morgan City, La. Grab.	812,617	Feb. 13	2213	482	120	2015
Thornton, Ross S., Lexington, Nebr. Transplanter.	837,977	Dec. 11	1390	303	125	1742
Thornton, Solomon, Jr., Washington, D. C. Soap-holder.	818,004	Apr. 17	2905	627	121	2110
Thornton, Thomas W., Cheyenne, Okla. Ter. Mechanical fly-trap.	810,094	Jan. 16	2993	624	120	743
Thornton, William, Chattanooga, Tenn. Antifriction-bearing.	819,184	May 1	287	61	122	72
Thorp, Robert T., <i>et al.</i> (See Larkin, Patrick H., assignor.)						
Thorp, Thomas, Whitefield, England. Spring.	824,318	June 26	4123	882	122	2790
Thorp, Thomas J., assignor to T. J. Thorp Manufacturing Company, Corvallis, Oreg. Harrow.	832,350	Oct. 2	666	128	124	1372
Thorp, Winfield S., New York, N. Y. Advertising-calendar.	822,406	June 5	340	70	122	1800

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Thorpe, Frank M., Lamar, Mo. Bag-holder.	832,638	Oct. 9	1252	252	124	1555
Thorpe, Jocelyn F., assignor to Wm. Briggs & Company, Limited, Manchester, England. Transfer-printing.	831,582	Sept. 25	3380		124	943
Thorpe, Samuel S. (See Renner, John W., assignor.)						
Thorsen, Theodore M., Philadelphia, Pa. Gun-lock.	815,879	Mar. 20	3854	816	121	943
Thouveney, Jean C. A., St. L6, France. Exercising apparatus.	819,472	May 1	878	191	122	196
Thow, William, and W. H. Nisbet, Randwick, near Sydney, New South Wales, Australia. Grate-operating mechanism.	834,174	Oct. 23	4571	970	124	2460
Thow, William, Randwick, near Sydney, and W. H. Nisbet, Sydney, New South Wales, Australia. Grate-operating mechanism.	836,616	Nov. 20	3387	722	125	932
Thrall, Harry I., assignor to H. P. Snyder Manufacturing Company, Little Falls, N. Y. Circular-knitting machine.	824,759	July 3	126	24	123	36
Thrash, George, assignor of one-third to A. N. Penland, Hominy, N. C. Surgical instrument.	827,193	July 31	5146	1068	123	1366
Thrasher, Gustavus B., Valdosta, Ga. Plow.	838,477	Dec. 11	2400	521	125	1992
Thratt, Richard A., Ivanhoe, N. C. Hat-brim.	819,324	May 1	587	124	122	136
Threlkeld, Charles D., Piggott, Ark. Book-index.	816,138	Mar. 27	4384	926-7	121	1113
Threlkeld, John H., Lucas Station, Iowa. Spring-bolster.	819,385	May 1	714	152	122	163
Throm, Anthony J., assignor to A. Cutler & Son, Buffalo, N. Y. Clamp for type-writers.	826,626	July 24	3986	825	123	1061
Thropp, Peter D., Trenton, N. J. Apparatus for manufacturing wheel-tires.	822,561	June 5	645	129	122	1868
Thubé, Gaston A. (See Préaubert and Thubé.)						
Thuillet, Charles. (See Hervieu and Thuillet.)						
Thulin, John, Chicago, Ill. Thermostatic magnet-protector.	826,910	July 24	4529	942	123	1196
Thullen, Louis H., Edgewood, Pa. Railway signaling.	823,648	June 19	2874	607	122	2462
Thullen, Louis H., Edgewood, Pa. Inductive bond.	838,916	Dec. 18	3224	696-7	125	2236
Thullen, Louis H., Edgewood Park, Pa. Railway signaling system.	837,154	Nov. 27	4534	961-2	125	1250
Thullen, Louis H., Edgewood, assignor to Union Switch and Signal Company, Swissvale, Pa. Apparatus for controlling the passage of cars or vehicles along a railway.	816,762	Apr. 3	413	94	121	1449
Thullen, Louis H., Edgewood, assignor to Union Switch and Signal Company, Swissvale, Pa. Alternating-current-translating device.	823,086	June 12	1730	356	122	2152
Thullen, Louis H., Edgewood, assignor to Union Switch & Signal Co., Swissvale, Pa. Slow-release magnet.	826,627	July 24	3987	825-6	123	1061
Thullen, Louis H., Edgewood, assignor to Union Switch & Signal Co., Swissvale, Pa. Automatic electric braking.	834,336	Oct. 30	4901	1038-9	124	2587
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.	821,767	May 29	5595	1192	122	1478
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Railway-signal-operating mechanism.	821,899	May 29	5841	1241-2	122	1533
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signaling system.	825,988	July 17	2657	552	123	711
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Signal system for electric railways.	836,153	Nov. 20	2481	521	125	713
Thullen, Louis H., Edgewood Park, assignor to Union Switch & Signal Company, Swissvale, Pa. Railway signaling system.	839,525	Dec. 25	4465	952-3	125	2587
Thumler, Robert K. (See Bretzfelder and Thumler.)						
Thümmel, Johann. (See Pelchrzim and Thümmel.)						
Thun, Karl. (See Schmidt and Thun.)						
Thurber, Guy P., Pittsburg, Pa. Time relay recording-clock and signal mechanism.	822,029	May 29	6082	1296	122	1587
Thurlow, Nathaniel, Niagara Falls, assignor to Portchester Chemical Company, Port Chester, N. Y. Derivative of pinene and making same.	833,095	Oct. 9	2148		124	1771
Thurman, John S., St. Louis, Mo. Dust-collector.	809,408	Jan. 9	1632	332	120	392
Thürrid, Frank, St. Louis, Mo. Plow and seeder.	823,374	June 12	2308	483	122	2279
Thurstensen, Soren, assignor to Henry Vogt Machine Company, Louisville, Ky. Filter-press.	813,121	Feb. 20	3205	701	120	2276
Thurstensen, Soren, assignor to Henry Vogt Machine Company, Louisville, Ky. Steam-drier.	813,750	Feb. 27	4440	980-1	120	2599
Thurston, Charles H., Worcester, Mass. Pipe-wrench.	822,407	June 5	342	70	122	1800
Thurston, Fredus A., Chicago, Ill. Spark-producing device.	839,049	Dec. 18	3466	748	125	2298
Thurston, George H. (See Behr, Hans C., assignor.)						
Thurston, Horace, Providence, R. I. Circuit-closer for trolley-signals.	828,585	Aug. 14	1798	379	123	2146
Thurston, Horace, Providence, R. I., assignor of one-half to C. H. Schott, Brooklyn, N. Y. Press.	812,101	Feb. 6	1137	248-9	120	1720
Thurston, John M., trustee. (See Miller, John A., assignor.)						
Thurston, John W., Maple Falls, Wash. Shingle-press.	811,456	Jan. 30	5741	1202	120	1404
Thurston, Samuel H., Newark, N. J. Coating one metal with another and the resulting product.	822,873	June 5	1272	263	122	2005
Thurston, Samuel H., Long Branch, N. J. Enameling metal and the resulting product.	826,628	July 24	3990	826	123	1061
Thurston, Walter R., Douglas, Ariz. Ter. Ore-concentrator.	829,443	Aug. 28	3569	752	123	2669
Thurston, Walter R., Douglas, Ariz. Ter. Ore-concentrator.	829,493	Aug. 28	3682	777	123	2697
Thus, Max, Reading, assignor to Textile Machine Works, Wyomissing, Pa. Stocking and manufacturing same.	810,095	Jan. 16	2995	624	120	743
Tibbals, Frank A., Weymouth Center, assignor to W. E. Drake, Boston, Mass. Machine for covering eyeglass-cases.	821,900	May 29	5844	1242	122	1534
Tibbals, Frank A., Weymouth Center, assignor to W. E. Drake, Boston, Mass. Machine for lining eyeglass-cases.	821,901	May 29	5846	1242	122	1535
Tibbets, George, assignor of one-half to S. L. David, Jackson, Ohio. Journal-lubricator.	821,203	May 22	4451	948	122	1169
Tibbetts, Charles H., New Castle, Colo. Track-fastener.	836,617	Nov. 20	3388	722	125	932
Tibbetts, Fred H., Columbus, Ohio. Automatic sheet-adjusting device for printing-presses.	812,901	Feb. 20	2757	607	120	2176
Tibbetts, Fred O., Pontiac, Ill. Ship's course-recorder.	823,976	June 19	3487	745	122	2595
Tibbs, Smith G., J. A. and W. B. Corey, Akron, Ohio. Furnace-grate.	833,807	Oct. 23	3630	776	124	2227
Tiburthus, Carl, Wilhelmshaven, Germany. Dock-valve.	826,911	July 24	4531	942	123	1197
Tice, Andrew J., and C. Gorsuch, Alliance, Ohio. Credit-cabinet.	838,223	Dec. 11	1909	409-10	125	1873
Tice, William W., Piqua, Ohio. Merry-go-round.	828,073	Aug. 7	770	159	123	1861
Tichenor, Robert R., assignor of one-half to J. M. Pogue, Feeley, Minn. Grain-door.	810,893	Jan. 23	4644	968	120	1133
Tickner, George, Jr., county of Middlesex, England. Apparatus for making cigarettes.	828,786	Aug. 14	2186	462-4	123	2243
Tidd, Jacob L., Lancaster, Ohio. Merry-go-round museum.	821,138	May 22	4338	922-3	122	1144
Tideman, Henry, Menominee, Mich. Telephone desk-stand.	816,619	Apr. 3	157	32	121	1396
Tidemand, Harald, <i>et al.</i> (See Christiansen, Hans L., assignor.)						
Tidick, Paul, Niederhof, near Bischdorf, Germany. Stove, furnace, and the like.	823,904	June 19	3347	713	122	2566
Tidmarsh, Harry E. (See Wolf and Tidmarsh.)						
Tidrick, George W. (See Stouffer and Tidrick.)						
Tidwell, Albert F., Celina, Tex. Cotton-handling apparatus.	812,618	Feb. 13	2214	483	120	2016
Tiemann, Frederick, Ordway, Colo. Sugar-beet seeder.	809,233	Jan. 2	1226	253	120	269
Tierney, Edward J., and P. Funck, assignors to T. B. Dunn, Rochester, N. Y. Package-wrapping machine.	810,005	Jan. 16	2792	576-8	120	698

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Tierney, Thomas J., <i>et al.</i> (See Ward, George, assignor.)						
Tietgens, Ernst. (See Reynolds, Frederick L., assignor.)						
Tiffany, George S., assignor to Gray National Telautograph Company, New York, N. Y. Telautographic and other electric circuits.	809,762	Jan. 9	2312	479	120	541
Tiffany, Homer A. (See Dalton and Tiffany.)						
Tight, Jennie C., St. Anthony, Iowa. Skirt measurer and pattern.	822,874	June 5	1274	263	122	2005
Tilden, Bert O., New York, N. Y. Flush-tank-operating device.	821,002	May 22	4062	864	122	1084
Tilden, Bert O., assignor to American Sanitary Works, New York, N. Y. Siphon-closet. (Reissue)	12,496	June 12	2570	542	122	2334
Tilden, George M., Detroit, Mich. Knife.	826,700	July 24	4123	855	123	1095
Tilden, James A., Hyde Park, assignor to Hersey Manufacturing Company, South Boston, Mass. Meter.						
Tilgner, Gustav, assignor to Olsen & Tilgner Manufacturing Company, Chicago, Ill. Roller for barrel-scrubbers.	817,887	Apr. 17	2667	580	121	2053
Tilley, John S., Watervliet, N. Y. Step-ladder and parts thereof.	826,288	July 17	3230	669	123	849
Tillinghast, Barrett D., and H. B. Porterfield, McDonald, Pa. Rope-cutter.	827,047	July 24	4783	998	123	1257
Tillinghast, James, trustee. (See Loring, Benjamin C., assignor.)	810,587	Jan. 23	4059	835	120	1006
Tillinghast, Joseph H., Stockton, Cal. Wool-scouring machine.	821,139	May 22	4340	923	122	1145
Tillinghast, Pardon W., Edgewood, R. I. Pneumatic tire.	809,409	Jan. 9	1634	332	120	393
Tillman, Edward G., Thayer, W. Va. Car-brake.	815,880	Mar. 20	3854	817	121	943
Tillou, William H., assignor of one-half to G. D. McColl, Le Roy, N. Y. Draft-equalizer.	831,020	Sept. 11	2232	472	124	589
Tillson, William H., Quincy, Ill. Overshoe attachment.	827,330	July 31	5399	1122	123	1427
Tilson, William H., Plainview, Tex. Corn-harvesting machine.	833,986	Oct. 23	4147	880-1	124	2352
Tilton, Walter M., Franklin, N. H. Fork.	829,304	Aug. 21	3265	688	123	2547
Timberlake, John B. (See Patterson, Charles L., assignor.)						
Timberlake, John B., Jackson, Mich. Display-easel.	814,573	Mar. 6	1146	239	121	248
Timberlake, Paul J., Jackson, Mich. Holder for nursing-bottles.	814,574	Mar. 6	1148	239	121	249
Timby, Theodore F., Alma, Mich. Plastic-block-molding machine.	826,289	July 17	3232	669-70	123	849
Timby, Theodore F., Alma, Mich. Mechanical movement.	826,290	July 17	3239	670	123	852
Timby, Theodore F., Alma, Mich. Convertible machine-tool.	836,154	Nov. 20	2484	522	125	714
Timby, Theodore F., Alma, Mich. Convertible machine-tool.	836,657	Nov. 20	3472	741	125	952
Time Marking Machine Company. (See Malmberg, Ernst R., assignor.)						
Time Marking Machine Company. (See Osborn, Howard, assignor.)						
Timm, Friedrich C. W., Hamburg, Germany. Preserving the inner walls of furnaces.	812,619	Feb. 13	2218	484	120	2016
Timm, Friedrich C. W., Hamburg, Germany. Dissolving solid fluxes in fluid slag.	822,087	May 29	6195	1320	122	1614
Timmer, John G., Hamilton, Ohio. Rotary steam connection.	826,454	July 17	3553	739	123	930
Timmerhoff, Frank F., Elkhart, Ind. Go-cart.	839,230	Dec. 25	3872	833	125	2442
Timmerman, August H. (See Ham, Simeon, assignor.)						
Timmis, Arthur E. (See Kellogg and Timmis.)						
Timmons, Edwin S., Chicago, Ill. Amusement apparatus.	809,589	Jan. 9	1980	411	120	466
Timms, James and J. O., Columbus, Ohio. Car-coupling.	835,581	Nov. 13	1406	301-2	125	399
Timms, James and J. O., Columbus, Ohio. Car-coupling.	837,155	Nov. 27	4538	962	125	1251
Timms, James O. (See Timms, James and J. O.)						
Timothy, Mathew, Davenport, Iowa. Mop-wringer.	825,620	July 10	1929	408	123	512
Tincher, Timothy S., assignor of two-thirds to T. F. Holden and J. Leetch, Washington, D. C. Turbine steam-engine.	811,457	Jan. 30	5742	1202	120	1404
Tindall, Benjamin, Framingham, Mass. Wrench.	835,990	Nov. 13	2140	459	125	576
Tiner, John F., Uvalde, Tex. Wrench.	814,575	Mar. 6	1150	240	121	249
Tingley, Egbert M., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ventilating means for inclosed machines.	819,820	May 8	1569	334	122	414
Tingley, Katherine. (See Bundsmann, Emile T., assignor.)						
Tingley, Nelson, Scranton, Pa. Water-motor for blowers for forges.	832,100	Oct. 2	144	31	124	1246
Tinkess, George W., Hubbard, Minn. Lure for use with troller-hooks.	810,822	Jan. 23	4487	933	120	1101
Tinkham, Cortland O. (See Wyman, Dennett, and Tinkham.)						
Tinkham, Francis M., Springfield, Mass. Extensible sofa-bed.	823,649	June 19	2875	608	122	2463
Tirrell, Arthur R., North Weymouth, Mass. Insole.	811,260	Jan. 30	5387	1124	120	1330
Tirrill, Allen A., Schenectady, N. Y. Electric switch.	819,821	May 8	1571	334	122	414
Tirrill, Allen A., Schenectady, N. Y. Snap electric switch.	819,822	May 8	1575	334-5	122	415
Tirrill, Leonard A., Lynn, Mass., assignor to General Electric Company. Dynamo-electric machine.	827,331	July 31	5402	1122	123	1427
Tisch, William, La Crosse, Wis. Box-lid holder.	828,350	Aug. 14	1333	282	123	2025
Tischler, V. E. (See Nunning, Frank, Jr., assignor.)						
Tisdale, Stephen A., Leominster, Mass. Treating cattle-hoofs.	839,437	Dec. 25	4282	.....	125	2543
Titecomb, George E. (See Leslie, Alexander, assignor.)						
Titherington, William G., Liverpool, England. Wheel for vehicles.	833,763	Oct. 23	3528	752	124	2203
Tito, João G. F., Rio de Janeiro, Brazil. Means for raising sunken vessels.	827,477	July 31	5780	1199	123	1519
Tittel, Clemens, Josefthal, near Laibach, Austria-Hungary. Apparatus for supplying coloring material in paper-making machines for the manufacture of one-side-colored, clouded-colored, and marbled papers.	815,763	Mar. 20	3611	758	121	893
Tittel, Clemens, Josefthal, near Laibach, Austria-Hungary. Paper-making machine.	816,402	Mar. 27	4938	1049-50	121	1230
Tittel, Clemens, Gratwein, Austria-Hungary. Apparatus for smoothing the paper web in paper-making machines.	828,149	Aug. 7	907	186	123	1893
Tittelbach, Oswin, Ruhrort, Germany. Safety-valve.	836,347	Nov. 20	2875	611	125	810
Titus, Cornelius W. (See Shaw, William A., assignor.)						
Titus, Joseph V. E., assignor to Electrical Devices Company, Keokuk, Iowa. Controller-regulator.	821,768	May 29	5597	1192-3	122	1478
Titus, Richard, Bowling Green, Ohio. Stuffing-box.	834,337	Oct. 30	4903	1039	124	2587
Titus, Richard, and F. J. Mearing, Bowling Green, Ohio. Machine for making artificial-stone blocks and the like.	832,101	Oct. 2	145	31	124	1247
Tkatzschenko, Peter T., New York, N. Y. Bottle.	835,266	Nov. 6	784	164	125	198
Tobey, Avery, Los Angeles, Cal. Sash-holder.	817,681	Apr. 10	2223	475-6	121	1901
Tobey, Charles W. (See Giles and Tobey.)						
Tobey, Fred W., Grand Rapids, Mich. Bookcase.	810,233	Jan. 16	3284	680	120	800
Tobey, Fred W., Grand Rapids, Mich. Filing-cabinet.	810,823	Jan. 23	4488	933	120	1101
Tobey, Fred W., Grand Rapids, Mich. Shelf.	810,824	Jan. 23	4491	934	120	1102
Tobey, Fred W., Grand Rapids, Mich. Support for sectional bookcases.	835,582	Nov. 13	1408	302	125	400
Tobias, Ernest E., Adrian, Mich. Tie for wire fencing.	830,750	Sept. 11	1761	362	124	475
Tobias, James C., Bucyrus, Ohio. Grain-elevator.	837,518	Dec. 4	468	106-7	125	1472
Tobias, Neuman, Kingston, Jamaica. Stock and die.	828,150	Aug. 7	908	186-7	123	1894
Tobin, Edmund J. (See Keenan and Tobin.)						
Tobin, James A. (See Gragg, Zachry T., assignor.)						
Toch, Henry M., <i>et al.</i> (See Baer, Harry E., assignor.)						
Toch, Henry M. (See Toch, Maximilian, assignor.)						
Toch, Maximilian, <i>et al.</i> (See Baer, Harry E., assignor.)						
Toch, Maximilian, assignor of one-half to H. M. Toch, New York, N. Y. Treating cement and cement construction.	813,841	Feb. 27	4641	.....	120	2643

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Todd, Andrew B., Meriden, Conn. Folding baby-carriage.....	818,487	Apr. 24	3847	827	121	2366
Todd, Elbert H. (See Deck, Harry C., assignor.)						
Todd, Henry, Marshfield, Ohio. Miner's drill.....	810,513	Jan. 23	3915	805	120	977
Todd, Henry, Nelsonville, Ohio. Churn-operating mechanism.....	835,335	Nov. 6	924	195	125	233
Todd, Henry B., Meriden, Conn. Static-induction generator.....	821,902	May 29	5848	1243	122	1535
Todd, Jesse J., assignor of one-half to W. Morris, Wichita, Kans. Picture-exhibitor.....	824,266	June 26	4031	863	122	2770
Todd, Marquis J., assignor to Buffalo Steam Roller Company, Buffalo, N. Y. Road-scarifier.....	838,478	Dec. 11	2401	521	125	1993
Todtenhaupt, Friedrich, Cologne-Ehrenfeld, Germany. Production of artificial silk and artificial hair from casein.....	836,788	Nov. 27	3793		125	1072
Toedt, Emanuel B. (See Van Nieuhuys, Edwin C., assignor.)						
Toepfer, Peter G., Milwaukee, Wis. Malt-kiln.....	835,583	Nov. 13	1409	302	125	400
Tofaneli, Sebastiano, assignor of one-half to L. C. Dibert, San Francisco, Cal. Paste-press.....	814,410	Mar. 6	842	173-4	121	183
Tokheim, John J., assignor to Tokheim Manufacturing Company, Cedar Rapids, Iowa. Oil-tank.....	826,912	July 24	4533	943	123	1197
Tokheim Manufacturing Company. (See Tokheim, John J., assignor.)						
Toledo Computing Scale Company. (See De Vilbiss, Allen, Jr., assignor.)						
Toledo Glass Company. (See Bock, William E., assignor.)						
Toledo Glass Company. (See Power, John J., assignor.)						
Toledo Machine and Tool Company. (See Lange, Paul M. H., assignor.) (Reissue.)						
Tolen, James H., and D. B. Hostetter, Roachdale, Ind. Meat-tenderer.....	824,319	June 26	4125	882	122	2790
Toler, Henry W., Longview, Tex. Fruit-canner.....	814,250	Mar. 6	491	101	121	106
Toles, Justin K., assignor to Bauer & Black, Chicago, Ill. Machine for forming sacks for suspensory bandages.....	818,583	Apr. 24	4062	872	121	2408
Toles, Justin K., assignor to Bauer & Black, Chicago, Ill. Machine for making plaster-of-paris bandages.....	836,414	Nov. 20	3013	638-9	125	842
Toles, Wilford C., Irving Park, Ill. School-desk.....	827,830	Aug. 7	279	57	123	1740
Tolke, Hugo, New York, N. Y., W. T. Hensel, Philadelphia, Pa., and H. Hensel, New York, N. Y. Non-refillable bottle.....	821,903	May 29	5849	1243	122	1535
Tolle, William J., Reesville, Ohio. Wire-fence stretcher.....	835,285	Dec. 11	2041	439-40	125	1903
Tolley, George H., and W. G. Simcock, Denver, Colo. Power-hammer.....	837,519	Dec. 4	470	107-8	125	1473
Tolman, Charles P., assignor to Union Specialty Company, New York, N. Y. Valve.....	830,024	Sept. 4	224	43	124	55
Tolman, John H. (See Richmond, Charles B., assignor.)						
Toltz, Max, and F. T. Kitchen, St. Paul, Minn. Pressure-reducing valve.....	829,444	Aug. 28	3571	753	123	2669
Tomer, John L., Export, assignor of one-half to G. D. Hamor, New Kensington, Pa. Mowing-machine.....	834,646	Oct. 30	5515	1171	124	2742
Tomkins, Alfred, Pittsburg, Pa. Conveyer.....	809,763	Jan. 9	2315	480	120	541
Tomkins, Calvin. (See Bishop, William A., assignor.)						
Tomkinson, Charles C., Plainfield, N. J. Sheet-piling.....	834,086	Oct. 23	4384	932	124	2410
Tomlin, William J., Marine City, Mich. Hawse-pipe cover and anchor-clamp.....	838,286	Dec. 11	2042	940	125	1904
Tomlinson, Charles H., assignor to Tomlinson Coupler Company, Denver, Colo. Car-coupling.....	810,588	Jan. 23	4061	836	120	1007
Tomlinson, Charles H., assignor to Tomlinson Coupler Company, Denver, Colo. Car-coupling.....	814,924	Mar. 13	1826	383	121	456
Tomlinson, Charles H., assignor to Tomlinson Coupler Company, Denver, Colo. Un-locking means for car-couplings.....	821,204	May 22	4453	948	122	1169
Tomlinson, Charles H., assignor to Tomlinson Coupler Company, Denver, Colo. Automatic fluid-coupling.....	833,702	Oct. 16	3414	727-8	124	2127
Tomlinson Coupler Company. (See Tomlinson, Charles H., assignor.)						
Tompkins Brothers Company. (See Tompkins, Ernest, assignor.)						
Tompkins, Charles H., et al. (See Prindle, Roscoe S., assignor.)						
Tompkins, Ernest, Troy, N. Y. Loop-unifying and cast-off bur.....	816,403	Mar. 27	4939	1050	121	1230
Tompkins, Ernest, assignor to Tompkins Brothers Company, Troy, N. Y. Stop-motion for knitting-machines.....	809,234	Jan. 2	1228	254	120	270
Tompkins, James G. (See Bogear and Tompkins.)						
Tompkins, Marmaduke H., et al. (See Bain, Eugene C., assignor.)						
Tompkins, Vincent C., et al. (See Prindle, Roscoe S., assignor.)						
Tompkins, Vreeland, Jersey City, N. J. Gasket.....	811,000	Jan. 30	4877	1015	120	1220
Tone, Frank J., Niagara Falls, N. Y. Manufacture of silicides and silicon alloys.....	833,427	Oct. 16	2858		124	2000
Tone, Frank J., Niagara Falls, N. Y. Electrical furnace.....	834,948	Nov. 6	140	27-8	125	39
Tone, Frank J., Niagara Falls, N. Y. Electrical conductor and joint therefor.....	836,155	Nov. 20	2486	522	125	714
Toney, Tandy W., Eufaula, Ala. Condenser.....	836,618	Nov. 20	3390	722	125	932
Tonkin, John C., assignor of one-half to T. J. Ferrell, Glassboro, N. J. Elastic-fluid generator.....	822,491	June 5	511	104	122	1837
Tonkin, John J., Oswego, N. Y., assignor to Oil Well Supply Company, Pittsburg, Pa. Steam-boiler.....	821,552	May 22	5144	1097	122	1320
Tonko, Max, Langenzersdorf, assignor to E. Lederer, Korneuburg, Austria-Hungary. Boot and the like stretching device.....	820,942	May 15	3903	833	122	988
Tonko, Max, Langenzersdorf, near Vienna, assignor to E. Lederer, Korneuburg, Austria-Hungary. Shoe-stretching device.....	824,760	July 3	129	24	123	37
Tonnson, Elbert B., Milwaukee, Wis. Fireproof door.....	825,777	July 10	2276	472	123	601
Tonry, Stephen W., Brockton, Mass. Bicycle-track.....	818,488	Apr. 24	3848	828	121	2363
Toole, G. L., et al. (See Mitchell, Willey A., assignor.)						
Toole, Richard, and J. J. McDonnell, Portage, Pa. Hose-coupling.....	809,759	Jan. 9	2307	478	120	540
Toole, William K. (See Mulry, Joseph L., assignor.)						
Tooley, William J., Great Yarmouth, England. Motor and other cycle.....	833,651	Oct. 16	3317	705	124	2106
Toomey, Humphrey, Guilford, Conn. Hoisting apparatus.....	834,047	Oct. 30	5515	1171	124	2743
Toomey, John A., et al., trustees. (See Macrate, Michael N., assignor.)						
Toomey, Michael H., Glenhazel, Pa. Saw-handle.....	835,584	Nov. 13	1411	302	125	401
Toomey, Patrick A., Chicago, Ill. Toilet-powder receptacle.....	824,391	June 26	4274	911	122	2819
Toops, Emory D. (See Kynett and Toops.)						
Topham, Howard W., assignor to J. S. Topham, Washington, D. C. Portable cabinet-carrying case for phonograph and graphophone records.....	822,875	June 5	1276	263-4	122	2005
Topham, James S. (See Topham, Howard W., assignor.)						
Topliff, George F. (See Willis, Frank J., assignor.)						
Topping, William V. B. (See Burkholder, John H., assignor.)						
Torbett, James L., assignor of one-half to J. F. Carson, Pleasanton, Kans. Drag-scraper.....	825,562	July 10	1804	382	123	483
Torbitt, Fernando E. (See Slife, William B., assignor.)						
Torda, Ludwig, Barking, England. Dynamo-electric machine and the like.....	830,025	Sept. 4	225	44	124	56
Torda, Ludwig, Barking, England. Continuous-current electric motor and generator.....	830,262	Sept. 4	739	151	124	186
Toren, Herman A., Grand Rapids, Mich. Printer's slug and quad.....	839,676	Dec. 25	4766	1019	125	2660
Torgersen, Thorvald E. (See Olsen and Torgersen.)						
Tornberg, Knut, Lynn, Mass., assignor to General Electric Company. Contact device.....	822,325	June 5	205	41	122	1771
Tornow, Max, New York, N. Y. Reefing sails.....	834,692	Oct. 30	5600	1188	124	2764
Torrance, George J., Harrison, N. J. Automatic worsted-balling machine.....	827,332	July 31	5403	1123	123	1428

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Torrance, William M. (See Mattson and Torrance.)						
Torrance, James F., Rochester, Pa. Fire-finishing articles of glassware.	826,701	July 24	4125	856	123	1096
Torrance, Pleasant S., Mooresville, N. C. Metallic roofing plate.	832,003	Sept. 25	4242	886	124	1166
Torrent, John, Muskegon, Mich. Sawmill-carriage.	839,338	Dec. 25	4077	875	125	2493
Torres, William, Vacherie, La. Fertilizer-distributor.	818,396	Apr. 17	3687	792	121	2274
Torrington Novelty Manufacturing and Supply Company. (See Dirand, Louis J., assignor.)						
Torst, William, Jr., San Pedro, assignor to T. J. and R. K. Brundage, Farmersville, Cal. Oil-tank indicator.	809,542	Jan. 9	1884	391	120	448
Toscani, Domenico, Rocca Imperiale, Italy. Combined seeding and manure-spreading machine.	809,863	Jan. 9	2498	519	120	583
Tosy, Anthony, Napa, Cal. Reinforced concrete construction.	836,619	Nov. 20	3392	723	125	933
Totten, Eugene M., assignor of two-thirds to G. O. M. Buckner, Buffalo, N. Y. Combined thimble and needle-threader.	837,357	Dec. 4	158	39	125	1394
Totten, Robert C. (See Francis, Evan J., assignor.)						
Totten, Robert C., Pittsburg, assignor of one-half to E. J. Francis, New Kensington, Pa. Apparatus for electroplating cylindrical articles.	827,478	July 31	5781	1199	123	1519
Touceda, Enrique A., Albany, N. Y. Metallurgy.	823,560	June 19	2703	571-2	122	2423
Touceda, Enrique A., Albany, N. Y. Metallurgical apparatus.	823,561	June 19	2705	572	122	2423
Tournier, Julius C., Schenectady, N. Y., assignor to General Electric Company. Electric plug connection.	815,764	Mar. 20	3612	758	121	894
Tournier, Julius C., Schenectady, N. Y., assignor to General Electric Company. Rosette.	821,444	May 22	4953	1052	122	1281
Tournier, Julius C., Schenectady, N. Y., assignor to General Electric Company. Electric cigar-lighter.	831,490	Sept. 18	3175	671	124	854
Toussignant, Joseph A. (See Lamoureux, Edmond, assignor.)						
Toussaint, Effie A., Philadelphia, Pa. Girdle attachment for supporting garments.	814,994	Mar. 13	1974	415	121	485
Toussaint, Philip. (See Brown, Frederick W., assignor.)						
Tower, Arthur W., Rockland, assignor of one-half to W. B. Arnold, North Abington, Mass. Blacking attachment for vamp-skivers and the like.	832,639	Oct. 9	1254	252-3	124	1555
Tower, Clinton A., assignor to National Malleable Castings Company, Cleveland, Ohio. Draft-rigging.	815,049	Mar. 13	2103	442-3	121	514
Tower, Clinton A., assignor to National Malleable Castings Company, Cleveland, Ohio. Draft-rigging.	815,050	Mar. 13	2105	443	121	515
Tower, Clinton A., assignor to National Malleable Castings Company, Cleveland, Ohio. Draft-rigging.	826,455	July 17	3554	739-40	123	930
Tower, Clinton A., assignor to National Malleable Castings Company, Cleveland, Ohio. Draft-rigging.	832,220	Oct. 2	413	77	124	1313
Tower, Oscar, Buffalo, N. Y. Harrow.	829,445	Aug. 28	3573	753	123	2669
Tower, Wallace G., assignor of three-fourths to E. E. Evans, Kansas City, Mo. Machine for making concrete blocks.	837,520	Dec. 4	474	108	125	1474
Tower, William G., Corona, Cal. Rail-fastener.	821,841	May 29	5738	1222	122	1510
Towers, William M., and H. S. Harrington, assignors of one-fourth to E. C. Hume, Rome, Ga. Developing-machine.	810,234	Jan. 16	3286	680	120	801
Towle, Elmer E. (See Jones and Towle.)						
Towle, Gustavus A. (See Hinds, Franklin P., assignor.)						
Towle, Herbert L., Richmond Hill, N. Y., assignor to Waterbury Tool Company, Waterbury, Conn. Balanced engine.	821,553	May 22	5146	1097-8	122	1320
Towle, Stanley, Fall River, Mass. Making dental devices.	824,218	June 26	3938	844	122	2751
Towles, John M. (See Wever, La Fayette T., assignor.)						
Towne, Nathan P., Philadelphia, Pa. Valve.	826,154	May 8	2311	505	122	578
Towne, Nathan P., assignor of one-half to H. W. Hand, Philadelphia, Pa. Condenser.	827,479	July 31	5784	1200	123	1519
Townley, Arthur C., Elizabeth, N. J. Strip-cutting machine.	823,006	June 12	1544	321	122	2113
Townley, Early R., Ronceverte, V. Va. Combination keyhole bit and saw.	816,277	Mar. 27	4646	986	121	1169
Townsend, Charles H. (See Bradshaw, Townsend, and Erickson.)						
Townsend, Charles H., Berkeley, Cal. Indicator and advertiser.	824,890	July 3	428	83	123	117
Townsend, Clinton F., Washington, D. C., assignor to E. A. Sperry, Brooklyn, N. Y. Reduction of ores.	815,881	Mar. 20	3856		121	944
Townsend, Cort W., New Philadelphia, Ohio. Toy.	831,907	Sept. 25	4072	849	124	1122
Townsend, Ella F., and H. S. Bolles, St. Louis, Mo. Ribbon-guide for tucking-blades.	835,991	Nov. 13	2141	459	125	576
Townsend, Ellen, Port Melbourne, Victoria, Australia. Appliance for inserting beading in boot and shoe ware and other goods.	830,855	Sept. 11	1943	408	124	521
Townsend, Fitzhugh, New York, N. Y., assignor to General Railway Signal Company. System of automatic signaling for electric railways.	810,687	Jan. 23	4234	877	120	1046
Townsend, Frederick B., assignor to W. H. Miner Company, Chicago, Ill. Frictiondraft-rigging for railway-cars.	812,902	Feb. 20	2759	607	120	2176
Townsend, Harry P., New Britain, assignor to American Serial Lock Company, Hartford, Conn. Receptacle-holder.	813,537	Feb. 27	4039	885	120	2514
Townsend, Harry P., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Lock.	824,392	June 26	4276	911	122	2819
Townsend, Harry P., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Lock-strike.	830,624	Sept. 11	1480	306	124	397
Townsend, Harry P., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Night-latch mechanism.	834,338	Oct. 30	4904	1039	124	2588
Townsend, Harry P., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Padlock.	834,339	Oct. 30	4906	1039	124	2588
Townsend, Harry P., assignor to Union Manufacturing Company, New Britain, Conn. Chuck.	833,351	Oct. 16	2696	568	124	1960
Townsend, Harry P., and C. E. Johnson, assignors to Corbin Cabinet Lock Company, New Britain, Conn. Handle-loop.	825,563	July 10	1805	382	123	483
Townsend, Herbert K. (See Murdock, John M., assignor.)						
Townsend, John F., et al. (See Sperry, Henry B., assignor.)						
Townsend, John J. (See Elliot and Townsend.)						
Townsend, John W. and N. S., Newark, N. J. Attachment or fixture for horseshoes.	811,598	Feb. 6	124	27	120	1512
Townsend, Joseph W., Houston, Tex. Holster.	837,156	Nov. 27	4539	962-3	125	1252
Townsend, Melville W., Martinsville, Ohio. Lawn-mower.	824,761	July 3	130	25	123	38
Townsend, Miles, Marshall, Mich. Ventilator.	839,231	Dec. 25	3875	833	125	2443
Townsend, Nelson S. (See Townsend, John W. and N. S.)						
Townsend, Peter G., Reno county, Kans. Hen's nest.	833,262	Oct. 16	2515	525	124	1912
Townsiey, George T. (See Wister and Townsiey.)						
Toy, Elias L., Buffalo, N. Y. Protecting the inside of vessels during the process of ornamentation.	836,415	Nov. 20	3017	639	125	844
Toy, George D., Jr., R. H., and H. T., Sidney, Ohio. Land-anchor.	818,061	Apr. 17	3012	652	121	2131
Toy, Hugh T. (See Toy, George D., Jr., R. H., and H. T.)						
Toy, Robert H. (See Toy, George D., Jr., R. H., and H. T.)						
Toy, Thomas D., Cherryvale, Kans. Vehicle-shaft.	834,031	Oct. 23	4258	953	124	2379

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Trabue, William, assignor of two-thirds to D. Moxley and C. C. McClarty, Louisville, Ky. Automatic gun.....	814,749	Mar. 13	1515	321	121	391
Tracey, Ernest C., Newton, assignor to American Soda Fountain Company, Boston, Mass. Drink mixer or shaker.....	832,640	Oct. 9	1256	253	124	1556
Tracht, Allen, Galion, Ohio. Pliers.....	816,278	Mar. 27	4647	986	121	1169
Tracy, Charles W. (See Turck, Frederick M., assignor.).....						
Tracy, David D., and H. J. Keenan, Jackson, Mich. Molding-machine.....	816,831	Apr. 3	555	118-19	121	1480
Tracy, Hayden H., San Francisco, Cal. Heat-transferring apparatus.....	839,082	Dec. 18	3534	764	125	2315
Tracy, J. T., <i>et al.</i> (See Kemper, Otto, assignor).....						
Tracy, John W., Nash county, assignor of one-half to J. M. Fitzgerald, Rockymount, N. C. Rail-joint.....	811,261	Jan. 30	5388	1124	120	1350
Tracy, Samuel, Topeka, Kans. Shaft-supporter.....	825,282	July 3	1174	249	123	305
Tracy, Thomas E., Kansas City, Mo. Foldable box-beam.....	833,263	Oct. 16	2515	526	124	1912
Tracy, William H. H., Troy, N. Y. Creasing-machine.....	815,234	Mar. 13	2489	518	121	601
Traeger, Augustus. (See Willson and Traeger.).....						
Trafford, Joseph, Boston, Mass. Window-fastener.....	814,995	Mar. 13	1975	415-16	121	485
Trah, Henry J., Logansport, Ind. Automatic cut-off.....	839,677	Dec. 25	4768	1019	125	2660
Trail, John C., Malvern, Victoria, Australia. Safety-pin.....	823,905	June 19	3348	713	122	2566
Trainer, James, Pointrock, Ohio. Power-transmitting apparatus.....	821,003	May 22	4064	864	122	1084
Trainham, Zachariah L., assignor of one-half to T. R. Gooch, Richmond, Va. Window-Transom Draft-Gear Company. (See Pfleger, Harry M., assignor.).....	829,041	Aug. 21	2713	569	123	2409
Transom Draft Gear Company. (See Westlake, Charles T., assignor.).....						
Trapp, Edward A., New York, N. Y. Telescope.....	818,489	Apr. 24	3849	828-9	121	2363
Trapp, Edward A., New York, N. Y. Submarine telescope and means for mounting the same.....	818,490	Apr. 24	3856	830	121	2364
Trask, Charles H., Lynn, Mass. Machine for making hay from corn and other stalks.....	816,763	Apr. 3	417	94-5	121	1450
Trask, George F. D., <i>et al.</i> (See Clifford, Thomas G., assignor.).....						
Traub, Samuel B., assignor to G. S. Blakeslee, Chicago, Ill. Knife-cleaning machine.....	832,884	Oct. 9	1758	362-3	124	1676
Traube, Isidor, and R. Wolfenstein, Berlin, Germany, assignors to R. C. Schuppheus, New York, N. Y. Solution of ferric quinate and albumen.....	839,232	Dec. 25	3877		125	2443
Traube, Wilhelm, Berlin, Germany. Making dialkyl-barbituric acids.....	822,165	May 29	6355		122	1650
Traun Rubber Co. (See Schrader, William F. A., assignor.).....						
Traut, Frank L., New Britain, Conn. Measuring instrument.....	817,205	Apr. 10	1308	273	121	1709
Traut, Justus A., assignor to Stanley Rule & Level Company, New Britain, Conn. Try-square.....	815,389	Mar. 20	2853	592	121	728
Traut, Justus A., assignor to Stanley Rule & Level Company, New Britain, Conn. Level.....	820,028	May 8	2046	449	122	518
Traut, Justus A., assignor to Stanley Rule & Level Company, New Britain, Conn. Folding rule.....	827,480	July 31	5786	1200	123	1520
Traut, Justus A., assignor to Stanley Rule & Level Company, New Britain, Conn. Bench-plane.....	830,541	Sept. 11	1311	270-1	124	353
Traut, Justus A., assignor to Stanley Rule & Level Company, New Britain, Conn. Scraping-tool.....	837,978	Dec. 11	1392	303	125	1742
Trautmann, Max, Dresden, Germany. Fabric-moving mechanism for embroidering-machines.....	813,122	Feb. 20	3208	701	120	2276
Trautwein, Augustus G. (See Eck and Trautwein.).....						
Traver Circle Swing Company. (See Traver, Harry G., assignor.).....						
Traver, Harry G., assignor to Traver Circle Swing Company, New York, N. Y. Circle-swing.....	830,687	Sept. 11	1621	334-5	124	435
Traver, Harry G., assignor to Traver Circle Swing Company, New York, N. Y. Round-about.....	830,688	Sept. 11	1622	335	124	436
Traves, Webster F. (See Huey, Charles M., assignor.).....						
Traves, Webster F., <i>et al.</i> (See Williams, Charles C., assignor.).....						
Travis, George B., Henry, Ill. Grate.....	814,815	Mar. 13	1646	345	121	418
Travis, H. E. (See Loveland, Lucius N., assignor.).....						
Travis, Herbert J., New York, N. Y. Locomotive-boiler.....	821,904	May 29	5851	1243	122	1536
Travis, Herbert J., New York, N. Y. Locomotive-boiler.....	823,562	June 19	2707	572-3	122	2423
Travis, Herbert J., New York, N. Y. Fuel-feeding apparatus.....	823,563	June 19	2708	573	122	2424
Travis, John J., Cascade, Mont. Sod-turner for disk plows.....	813,065	Feb. 20	3094	678	120	2251
Travis, John M. (See Fitzgibbon and Travis.).....						
Travis, Littleton W., Martin, Tenn. Flood-gate.....	813,842	Feb. 27	4642	1026-7	120	2643
Travis, Owen J., Denver, Colo. Loader and unloader.....	811,973	Feb. 6	883	194	120	1669
Travis, Owen J., Denver, Colo. Derailing device.....	829,446	Aug. 28	3575	754	123	2670
Treacy, John. (See Yoerg and Treacy.).....						
Treadgold, George H., Port Huron, Mich. Pneumatic wheel.....	836,716	Nov. 27	3630	774	125	1026
Treadwell, Charles E., Denver, Colo. Door hinge and check.....	828,351	Aug. 14	1334	282	123	2025
Treadwell, Charles N., Middletown, Conn. Nut-lock.....	838,917	Dec. 18	3226	697	125	2236
Treat, Charles H., assignor to American Blower Company, Detroit, Mich. Ventilating apparatus.....	809,645	Jan. 9	2110	436-7	120	493
Treat, Francis H., Pittsburg, Pa. Gas-generating system.....	835,293	Nov. 6	831	173-4	125	210
Treat, W. B., <i>et al.</i> (See Maynard, Charles S., assignor.).....						
Treath, Ethelred W., Plaistow, England. Lock-nut.....	818,584	Apr. 24	4064	872	121	2408
Trebesiner, Carl, Pittsburg, Pa. Device for setting switches by the motorman from the car.....	819,619	May 1	1137	251	122	256
Trecker, Theodore. (See Kearney and Trecker.).....						
Trede, Louis, Durant, Iowa. Electric alarm-clock.....	838,918	Dec. 18	3228	697	125	2237
Tredtin, John I., and F. H. Grosbernt, Dayton, Ohio. Hose coupling or connector.....	817,818	Apr. 17	2520	540	121	2022
Tredwell, Charles A., assignor to Horton Manufacturing Company, Bristol, Conn. Fer-rule for fish-rods.....	837,157	Nov. 27	4540	963	125	1252
Trefethen, Ervin T., Boston, Mass., assignor to A. O. Norton, Coaticook, Canada. Lifting-jack.....	814,576	Mar. 6	1152	240	121	250
Tregellas, Josiah, Goldfield, Nev. Folding carpenter's square.....	834,773	Oct. 30	5776	1226-7	124	2807
Tregoning, William C., assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Insulated receptacle for panel and switch boards.....	809,864	Jan. 9	2500	520	120	583
Tregoning, William C., Hackensack, N. J., assignor, by mesne assignments, to Perkins Corporation, Hartford, Conn. Push-button electric switch. (Reissue.).....	12,480	May 8	2751	598	122	675
Treiber, Theodore R., assignor to Kansas City Billiard Table Manufacturing Company, Kansas City, Mo. Convertible billiard-table.....	834,693	Oct. 30	5602	1188-9	124	2764
Treiber, Theodore R., assignor to Kansas City Billiard Table Manufacturing Company, Kansas City, Mo. Convertible pool and billiard table.....	834,694	Oct. 30	5606	1189-90	124	2766
Treichel, Albert R., St. Louis, Mo. Christmas-tree attachment.....	824,603	June 26	4717	1004	122	2916
Trelaevan, Thomas C. P., New York, N. Y. Apparatus for making reproductions of plastic objects.....	837,757	Dec. 4	959	216	125	1593
Trelaevan, Walter N., assignor to Ideal Sifter Company, Chicago, Ill. Sifter.....	825,014	July 3	671	135	123	176
Treman, Walter J., assignor of one-half to C. Brightman, Shelby, Ohio. Pin-spotter.....	832,885	Oct. 9	1760	363	124	1676
Tremblay, Joseph A., Tilbury, Canada. Fence-post.....	826,973	July 24	4629	965	123	1221
Trembley, Joseph, Argyle, Minn. Clamp for holding meat.....	822,166	May 29	6356	1351	122	1650
Trenaman, John V., New York, N. Y. Cord-suspension electric dental engine.....	826,629	July 24	3992	826	123	1061

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Trenaman, Joshua D., Hamilton, Ontario, Canada. Box for shoe-polish.	839,678	Dec. 25	4769	1019	125	2660
Trenckmann, Bruno, Schöneberg, near Berlin, Germany. Dress-preserver.	833,948	Oct. 23	3959	841	124	2313
Trenckmann, Bruno, assignor to Zephyrlederfabrik Gesellschaft mit beschränkter Haftung vormals Trenckmann & Co., Schöneberg, near Berlin, Germany. Leather and manufacturing the same.	831,491	Sept. 18	3176	774	124	854
Trent, Lamartine C., Vantrent, Cal. Agitating and mixing apparatus.	836,717	Nov. 27	3631	774	125	1026
Tresckow, Leo von, New Orleans, La. Jet-condenser.	820,325	May 8	2633	573	122	649
Tresenreuter, Gustav, assignor to F. Glinicke, Berlin, Germany. Carbureter.	818,397	Apr. 17	3689	792	121	2274
Tresidder, John J., New York, assignor to American Column Company, Brooklyn, N. Y. Fireproof column and column-cap.	813,183	Feb. 20	3323	731	120	2300
Tresidder, John J., New York, assignor to American Column Company, Brooklyn, N. Y. Column and column-cap.	820,155	May 8	2313	505	122	578
Tresidder, John J., New York, assignor to American Column Company, Brooklyn, N. Y. Fireproof column.	820,156	May 8	2314	505	122	578
Tresise, Victor E. (See Hausfeld and Tresise.)						
Tresouthick, Stanley, Jersey City, N. J. Velocipede.	827,481	July 31	5786	1200	123	1520
Tressler, George. (See Thomas, Henry E., assignor.)						
Treverton, Charles W., et al. (See Devers, William J., assignor.)						
Trevorrow, John H., Shelton, Conn. Engine.	838,669	Dec. 18	2782	596	125	2130
Trehwella, Benjamin. (See Trehwella, William, assignor.)						
Trehwella, Charles E., Meriden, assignor to American Silver Company, Bristol, Conn. Percolator.	816,514	Mar. 27	5153	1093	121	1276
Trehwella, Charles E., New Britain, assignor to American Silver Company, Bristol, Conn. Vapor-lamp.	829,129	Aug. 21	2897	608	123	2458
Trehwella, Charles E., Forestville, assignor to American Silver Company, Bristol, Conn. Percolator.	838,224	Dec. 11	1912	410	125	1874
Trehwella, William, assignor to himself and B. Trehwella, Trentham, Victoria, Australia. Lifting-jack.	821,769	May 29	5600	1193	122	1479
Trehwella, William, assignor to himself and B. Trehwella, Trentham, Victoria, Australia. Pawl-and-ratchet mechanism.	824,963	July 3	580	116	123	154
Treyer, Franz, assignor to J. C. Ryf, Zurich, Switzerland. Microphone.	824,159	June 26	3819	815	122	2725
Tribbey, George W. (See Nelson and Tribbey.)						
Tribken, Charles W., Brooklyn, assignor to Lidgerwood Manufacturing Company, New York, N. Y. Hoisting apparatus.	810,445	Jan. 23	3767	776	120	941
Trickett, John W., St. Joseph, Mo. Trick telephone.	825,621	July 10	1931	409	123	513
Trident Tire Company. (See Thomson, John, assignor.)						
Triebel, Edward. (See Kelleman, Fasoldt, and Triebel.)						
Trigg, Louis B., Wheeling, W. Va. Rain-water cut-off.	819,823	May 8	1580	335	122	416
Triggs, James M., Morenci, Mich. Coal-chute.	833,352	Oct. 16	2697	568	124	1960
Trimm, Addison P., Buffalo, N. Y. Cleaning device.	811,001	Jan. 30	4878	1015	120	1220
Triner, James M., Chicago, Ill. Weighing-scale.	819,325	May 1	589	124-5	122	136
Trinity Press Company. (See Sheehan, Thomas C., assignor.)						
Trinkler, Gustav, Linden, near Hanover, Germany. Internal-combustion engine for liquid combustible.	828,352	Aug. 14	1339	283	123	2026
Trinks, Charles L. W., Pittsburg, Pa. Valve mechanism for engines.	831,809	Sept. 25	3834	803-4	124	1064
Trinks, Franz, Brunswick, Germany. Calculating-machine.	823,375	June 12	2310	484-5	122	2279
Triolo, John P., Corona, Cal. Means to cure fruit for transportation.	821,205	May 22	4455	948	122	1169
Triplett, James F., et al. (See Triplett, Jesse, assignor.)						
Triplett, James W., et al. (See Triplett, Jesse, assignor.)						
Triplett, Jesse, Cascade, assignor of one-tenth to J. W. and J. F. Triplett, Butte, Mont. Plow.	832,759	Oct. 9	1489	299-300	124	1612
Triplex Gas Engine Company. (See Anderson, Lars, assignor.)						
Triplex Gas Engine Company et al. (See Anderson, Lars, assignor.)						
Triplex Vibrator Company. (See Trotter, George F., assignor.)						
Tripodi, Luca, New York, N. Y. Combined pen-rack and inkstand-holder.	809,646	Jan. 9	2112	437	120	494
Tripp, Benjamin F., Medford, Mass. Door-locking mechanism.	816,049	Mar. 27	4191	889-90	121	1071
Tripp Fruit Wrapping Machine Company. (See Ballard, Milton H., assignor.)						
Tripp, Henry C., Auburn, N. Y. Dump-wagon.	833,764	Oct. 23	3529	753	124	2204
Tripp, Lewis J., Mesick, Mich. Drying-kiln.	833,011	Oct. 9	1986	415	124	1730
Tritter, Max, et al. (See Ihle, Gustav, assignor.)						
Triumph Ice Machine Company. (See Felsberg, Frederick W., assignor.)						
Triumph Voting Machine Company. (See Bruce and Delavan, assignors.)						
Triumph Voting Machine Company. (See Delavan and Fosdick, assignors.)						
Triumph Voting Machine Company. (See Fenn, Wilson L., assignor.)						
Triumph Voting Machine Company. (See Fosdick, William I. T., assignor.)						
Troche, William. (See Gochring and Troche.)						
Troeger, John F., Bayonne, assignor of one-half to E. Bindhardt, Elizabeth, N. J. Heat and smoke deflector.	834,774	Oct. 30	5778	1227	124	2808
Troehler, Rudolph, Cincinnati, Ohio. Barrel-washing machine.	838,670	Dec. 18	2783	597	125	2130
Trograd, Wiley H., Santa Clara, Cal. Miter-cutter.	816,279	Mar. 27	4648	986	121	1169
Trojan Toe-Calk Company. (See Murray, Michael R., assignor.)						
Troll, Frederick J., Baltimore, Md. Connector for electrical conductors.	813,538	Feb. 27	4042	885	120	2515
Trounble, Theodore, Plattsburg, N. Y. Gate-valve.	838,479	Dec. 11	2403	522	125	1993
Tropp, Bernhard, assignor to W. H. Laird, New York, N. Y. Gearing.	812,903	Feb. 20	2761	607	120	2177
Tropp, Bernhard, assignor to W. H. Laird, New York, N. Y. Self-winding electric clock.	821,140	May 22	4342	923	122	1145
Trossel, John M., Baltimore, Md. Hammock-support.	817,534	Apr. 10	1967	416	121	1846
Trotman, Walter K., Wood Green, England. Watermarking of paper.	821,206	May 22	4456	949	122	1169
Trott, Roland S. (See Pender and Trott.)						
Trotter, George F., assignor to Triplex Vibrator Company, St. Louis, Mo. Massage-machine.	837,979	Dec. 11	1392	304	125	1742
Trouard, Leonce J. B., New Orleans, La. Cane-loading apparatus.	818,644	Apr. 24	4203	903-4	121	2440
Trounstone, John, et al. (See Schoettl, Jaeger, and Walsleben, assignors.)						
Troup, Charles, Watseka, Ill. Switch and signal.	812,102	Feb. 6	1138	249	120	1720
Troup, Edward L., Wauseon, Ohio. Segmental gear-wheel.	826,129	July 17	2941	611	123	780
Troup, Edward L., Wauseon, Ohio. Car-wheel.	831,121	Sept. 18	2482	524	124	680
Troupa, Albert B., Sandwich, Ill. Match-lighter.	813,751	Feb. 27	4444	981	120	2600
Trout, Fred J. (See Steele, Stenson, and Trout.)						
Trout, William H., Milwaukee, Wis., assignor to Allis-Chalmers Company, Chicago, Ill. Set-works for sawmill-carriages.	817,888	Apr. 17	2670	581	121	2053
Trowbridge, John, Cambridge, Mass. Telephonic relay.	814,411	Mar. 6	846	174-5	121	184
Troxler, Gustavus, Jr., assignor of four-fifths to A. Ober, R. Neil, T. Perry, Newark, and A. H. Moore, Jersey City, N. J. Trolley-wheel.	833,353	Oct. 16	2699	568	124	1961
Troy Chemical Manufacturing Company. (See Brown, Peter, assignor.)						
Troy Laundry Machinery Company. (See Richardson, George L., assignor.)						
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Electric transformer.	815,765	Mar. 20	3612	758-9	121	894

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Operating constant-current transformers.	819,620	May 1	1139	251	122	256
Truax, John, Long Branch, N. J. Fender.	821,770	May 29	5601	1193	122	1479
Truax, Thomas, assignor of one-half to C. E. Blood, Battle Creek, Mich. Counter-seat.	835,992	Nov. 13	2142	459	125	577
Truax, William S., Cincinnati, Ohio. Paper-cutting mechanism.	825,989	July 17	2661	553	123	712
Truckenbrod, Gustavous A., Lamolite, Ill. Harrow.	809,150	Jan. 2	1044	216	120	229
Trudean, Eugene J., Sheridan, Mont. Journal-box.	834,340	Oct. 30	4906	1040	124	2588
True, Charles, Sherwood, Oreg. Hop-scoop.	823,007	June 12	1548	322	122	2114
True, Jacob, Castile, N. Y. Making glass ornaments.	813,123	Feb. 20	3209	701	120	2277
True, Meshack, Watervally, Miss. Combined harrow and cultivator.	822,787	June 5	1098	227	122	1968
True, William, assignor of two-thirds to J. H. Heldeman, Fairfield, Nebr. Whiffletree-hook.	833,808	Oct. 23	3632	777	124	2227
True, William A., Rulo, Nebr. Automatic signal.	827,947	Aug. 7	509	104	123	1798
Truch, Jacob, St. Louis, Mo. Interfering-boot.	819,473	May 1	878	191	122	197
Truebe, Paul G., Allegheny, Pa. Nut-making machine.	837,435	Dec. 4	315	75-6	125	1435
Trueman, Henry P., and E. D. Cleghorn, Worcester, England. Screw-making and metal-turning lathe.	808,887	Jan. 2	527	116-18	120	117
Truesdell, Arthur E., Pittsfield, Mass. Kiln.	828,985	Aug. 21	2587	546	123	2375
Truesdell, George H., (See Truesdell, William A., assignor.)						
Truesdell, Harry C., Berlin, Wis. Wristler.	825,250	July 3	1114	236	123	290
Truesdell, William A., Canton, Mich., assignor of one-half to G. H. Truesdell. Ladder.	827,048	July 24	4784	998	123	1257
Truesdell, Zina L., Camden, Ind. Centrifugal cream-separator.	821,554	May 22	5146	1098	122	1321
Truex, William C., Allentown, Pa. Cap-fitting.	826,291	July 17	3242	671	123	853
Truffault, Jules M., Paris, France, assignor to E. V. and G. H. Hartford, Orange, N. J. Frictional retarding means for spring-vehicles. (Reissue)	12,437	Jan. 16	3624	746	120	875
Truitt, John T., St. Louis, Mo. Belt-gearing for extractors.	812,703	Feb. 13	2372	519	120	2046
Truitt, Owen K., Washington, D. C. Toy.	838,759	Dec. 18	2932	632	125	2167
Trum, Emanuel J., New York, N. Y. Easel.	815,235	Mar. 13	2490	519	121	601
Truman, Joseph, Hanover, N. H. Combined poacher, steamer, and heater.	827,894	Aug. 7	392	83	123	1767
Trumbo, Herbert E., San Francisco, Cal. Electric cut-out.	826,974	July 24	4630	965	123	1221
Trumbull Electric Manufacturing Company. (See Tregoning, William C., assignor.)						
Trumbull Electric Manufacturing Company. (See Trumbull, John H., assignor.)						
Trumbull Electric Manufacturing Company. (See Wheeler, Frank T., assignor.)						
Trumbull, John H., assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Panel switch and cut-out.	820,076	May 8	2160	470	122	545
Trump, David P., and B. M. Grimes, Holcomb, W. Va.; said Trump assignor to said Grimes. Sash-holder.	814,892	Mar. 13	1776	372	121	446
Trump, Edward N., Syracuse, N. Y. Gas-producer.	813,600	Feb. 27	4158	912-13	120	2559
Trump, Edward N., Syracuse, N. Y. Coke-handling apparatus.	814,412	Mar. 6	850	175	121	184
Trump, Edward N., Syracuse, N. Y. Feeding device.	815,585	Apr. 24	4065	872-3	121	2408
Trump, Edward N., Syracuse, N. Y. Feeding device.	830,542	Sept. 11	1312	271	124	353
Trump, Edward N., Syracuse, N. Y. Car.	831,492	Sept. 18	3177	672	124	854
Trump, Edward N., Syracuse, N. Y., and J. B. Ladd, Wayne, Pa.; said Ladd assignor to said Trump. Measuring and mixing device.	830,543	Sept. 11	1314	271	124	354
Trump, Fuller, assignor to Trump Manufacturing Company, Springfield, Ohio. Relief-valve for pipes.	815,236	Mar. 13	2493	519	121	602
Trump Manufacturing Company. (See Trump, Fuller, assignor.)						
Trusler, Jessie, Indianapolis, Ind. Lace-fastening device.	828,906	Aug. 21	2438	518	123	2339
Truslow, Russell F., Birmingham, Ala. Head-rest.	833,987	Oct. 23	4153	881	124	2353
Truss Steel Tie Company. (See Case, Homer W., assignor.)						
Trussed Concrete Steel Company. (See Kahn, Julius, assignor.)						
Trussell, Herman A. (See Sewell and Trussell.)						
Trussell, Emory A., St. Louis, Mo., assignor to Sieber & Trussell Mfg. Co. Loose-leaf binder.	813,752	Feb. 27	4445	981-2	120	2600
Trussell, Emory A., St. Louis, Mo., assignor to Sieber & Trussell Mfg. Co. Loose-leaf binder.	813,753	Feb. 27	4446	982	120	2600
Trussell, Emory A., St. Louis, Mo., assignor to Sieber & Trussell Mfg. Co. Loose-leaf binder.	827,895	Aug. 7	393	84	123	1767
Trussell, Emory A., St. Louis, Mo., assignor to Sieber & Trussell Mfg. Co. Loose-leaf binder.	829,240	Aug. 21	3129	658-9	123	2515
Trussell Hay Harvesting Machinery Company. (See Trussell, Wilbert C., assignor.)						
Trussell, Wilbert C., assignor to Trussell Hay Harvesting Machinery Company, Boston, Mass. Hay-loader.	839,233	Dec. 25	3878	833-4	125	2444
Trust, Alexander V., New York, N. Y. Means for elevating cars, &c.	838,594	Dec. 18	2628	566-7	125	2093
Truswell, Richard, Trail, Canada. Mold for casting anode-plates.	823,977	June 19	3490	745	122	2595
Truxall, Ephraim, Pittsburg, Pa. Box.	826,292	July 17	3244	671	123	853
Tryon, Charles H. (See Knoff, Frank, assignor.)						
Tryon, Frank H., Utica, N. Y. Water-jacket.	822,326	June 5	208	41	122	1772
Tschantz, David L., Canton, Ohio. Toe-rail and bracket.	827,194	July 31	5147	1068	123	1366
Tschantz, William H., assignor to Cyclone Drill Company, Orrville, Ohio. Carpet-cutting machine.	815,491	Mar. 20	3035	633	121	769
Tschentscher, Rudolph. (See Dean and Tschentscher.)						
Tscherning, Henry, Freeport, Ill. Molding-machine.	827,675	July 31	6200	1288-9	123	1627
Tschinkel, Alfred, assignor of one-half to H. A. Metz, New York, N. Y. Turbine-engine.	829,744	Aug. 28	4210	892	123	2826
Tschopik, Julius D., New Orleans, La. Pipe-connecting member. (Reissue)	12,517	July 31	6254	1299	123	1643
Tsuji, Kasho, Takaoka, Japan. Apparatus for producing efflorescence.	811,002	Jan. 30	4880	1016	120	1220
Tsukamoto, Kumajiro, Tokyo, Japan. Electric cell.	809,647	Jan. 9	2114	438	120	494
Tubbs, Dean C., Rochester, N. Y. Power-generating device.	818,986	Apr. 24	4866	1045	121	2583
Tubbs, Nelson J., assignor of one-half to W. O. Bradley, Louisville, Ky. Overhead oiler.	828,907	Aug. 21	2439	518	123	2339
Tubbs, Nelson J., assignor of one-half to H. Collings, F. C. Carpenter, and W. F. Jones, Louisville, Ky. Telephone-disinfectant.	829,812	Aug. 28	4358	920	123	2864
Tubular Rivet & Stud Company. (See Coombs, Walter J., assignor.)						
Tuck, Clarence A., Watertown, S. D. Brooder.	817,021	Apr. 3	950	195	121	1569
Tucker, Albert N., Bayswater, London, England. Device for adapting service rifles to reduced ranges.	834,341	Oct. 30	4908	1040	124	2588
Tucker, Argyle W. and H. H., Dallas, Tex. Railway-switch.	833,264	Oct. 16	2518	526	124	1913
Tucker, Benjamin W., Newark, N. J. Machine for applying labels and the like to bottles and other articles.	808,955	Jan. 2	655	143-5	120	145
Tucker, Benjamin W., Newark, N. J. Machine for applying wrappers to magazines, books, and the like.	808,956	Jan. 2	669	145-7	120	148
Tucker, Calvin F., Cartersville, Mo. Boiler-cleaner.	832,760	Oct. 9	1491	300	124	1612
Tucker, Edwin D., Santa Barbara, Cal. Punch.	813,843	Feb. 27	4643	1027	120	2643
Tucker, Emett L., Chicago, Ill. Metering device for engines.	822,637	June 5	822	167	122	1909
Tucker, Francis J., Philadelphia, Pa. Fastener for manhole-covers.	822,562	June 5	646	130	122	1868
Tucker, Frank W., Milford, Conn. Vending-machine.	815,882	Mar. 20	3858	817-18	121	944
Tucker, Frank W., Milford, Conn. Coin-controlled vending-machine.	816,515	Mar. 27	5154	1093	121	1277

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Tucker, George D. (See Wilcox, Ferdinand S., assignor.)						
Tucker, Hugh H. (See Tucker, Argyle W. and H. H.)						
Tucker, Junius E., assignor of one-half to W. S. Brian, Memphis, Tenn. Cotton chopper and scraper	836,718	Nov. 27	3632	774	125	1027
Tucker, Livy T., Whiteside, Mo. Barrel-draining device	818,491	Apr. 24	3860	830-1	121	2365
Tucker, Lorenzo D., Fernando, Cal. Cultivator	836,155	Nov. 20	2488	522-3	125	715
Tucker, Robert P., et al. (See Gourdin, John K., assignor.)						
Tucker, Ross F., New York, N. Y. Method of and apparatus for lining tunnels with concrete	820,747	May 15	3463	743	122	891
Tucker, Stiles H., Seymour, Conn. Expansible bit	818,062	Apr. 17	3013	652	121	2131
Tucker, William L., Bridgeport, Okla. Ter. Cultivator	828,074	Aug. 7	772	160	123	1861
Tucker, William L., Bridgeport, Okla. Ter. Cultivator	828,075	Aug. 7	778	160	123	1863
Tucker, Zechariah R., Providence, R. I., assignor to Iroquois Machine Company, Bedford, N. Y. Bearing for spindles of grinding-machines	811,339	Jan. 30	5539	1156	120	1362
Tuckfield, Charles, East Molesey, England. Liquid-purifier	821,207	May 22	4458	949	122	1170
Tudor Boiler Manufacturing Company. (See Tudor, Charles E., assignor.)						
Tudor, Charles E., assignor to Tudor Boiler Manufacturing Company, Cincinnati, Ohio. Tie-plate for furnaces	811,063	Jan. 30	4882	1017	120	1221
Tuggle, John, Alexandria, Tenn. Corn-planter	835,084	Nov. 6	426	85	125	113
Tuggle, Margaret, Atlanta, Ga. Piano-shield	814,174	Mar. 6	336	68	121	73
Tulka, Bohumil, Prague, Austria-Hungary. Bicycle handle-bar	819,474	May 1	879	191-2	122	197
Tulka, Bohumil, Prague, Austria-Hungary. Handle-bar	821,905	May 29	5852	1244	122	1536
Tulka, Bohumil, Prague, Austria-Hungary. Handle-bar for bicycles	829,683	Aug. 28	4075	863	123	2795
Tull, Alonzo E. (See Maddox, John W., assignor.)						
Tull, Francis S., Houston, Tex. Non-refillable bottle	839,679	Dec. 25	4770	1019	125	2661
Tuller, Rollin B., Chicago, Ill. Razor	837,359	Dec. 4	166	39	125	1397
Tulloch, Louis R., Angels Camp, Cal. Frue concentrator	809,648	Jan. 9	2115	438	120	494
Tulloch, Louis R., Angels Camp, Cal. Mechanical movement	813,601	Feb. 27	4160	913	120	2539
Tunks, Nelson H., et al. (See Turney, Edgar E., assignor.)						
Tipper, Clara H., Somers, Conn. Means of attachment for erasers	814,413	Mar. 6	853	176	121	185
Tipper, John S., assignor to H. G. Clark and E. Thornberg, Park River, N. D. Halter-tie	837,158	Nov. 27	4541	963	125	1252
Tipper, Melburn H., Buda, Canada. Folding brush	821,320	May 22	4681	997	122	1219
Turbayne, William A. (See Richards and Turbayne.)						
Turbine Motor Tool Company. (See Fletcher, Nathan W., assignor.)						
Turchi, Carlo, Ferrara, Italy. Combined telegraph and telephone system	809,865	Jan. 9	2502	520	120	583
Turck, Frederick M., assignor of one-half to C. W. Tracy, New York, N. Y. Rotary printing-press	830,751	Sept. 11	1762	363-4	124	475
Turecek, Ferdinand R., New York, N. Y. Switch-operating device	836,719	Nov. 27	3634	774	125	1027
Turenne, Emile L. P., assignor to Barbier, Benard & Turenne, Paris, France. Light-projector	812,103	Feb. 6	1140	250	120	1721
Turk, James W. B., Poteau, Ind. Ter. Wrench	824,267	June 26	4032	863	122	2770
Turley, Elmer. (See Edwards and Turley.)						
Turley, Patrick H., Harrisburg, Pa. assignor to Elliott-Fisher Company, New York, N. Y. Register-support for type-writing and adding machines	820,833	May 15	3664	782	122	934
Turnbull, John. (See Parsons, Hall, and Turnbull.)						
Turner, Adelaide S., London, England. Arm-pit-crutch for bed-rests and chair-backs	827,125	July 31	4966	1036	123	1315
Turner, Albert F., et al. (See Naginey, John C., assignor.)						
Turner, Albert H. and L. O., South Easton, Mass. Skirt-hanging gage	834,032	Oct. 23	4259	903	124	2379
Turner, Andrew J., Maynardville, Tenn. Boring-machine	818,925	Apr. 24	4747	1020	121	2558
Turner Atherton & Co. (See Eickemeyer, Carl, assignor.)						
Turner Brass Works. (See Brisbois, Odilon, assignor.)						
Turner, Charles E., and R. L. Hyman, Macon, Ga. Lock	817,456	Apr. 10	1813	381	121	1816
Turner, Charles H., New York, N. Y. Journal-lubricator	819,475	May 1	880	192	122	197
Turner, Charles H., Belvidere, Ill. Corset	836,226	Nov. 20	2626	553	125	750
Turner, Charles H., Brooklyn, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Passenger-car	830,263	Sept. 4	741	152	124	186
Turner, Clarence W. (See Elder and Turner.)						
Turner, Edward A., Chicago, Ill. Automobile turn-table	816,620	Apr. 3	159	33	121	1396
Turner, Edward P., New York, N. Y. Animal-exterminator	829,610	Aug. 28	3933	833	123	2759
Turner, Edward W., Swansboro, assignor of one-half to G. M. Rogers, Richmond, Va. Churn	810,688	Jan. 23	4238	878	120	1047
Turner, Elijah H., Tipton, Iowa. Automatic poultry-feeder, water-fountain, and young-poultry protector	829,611	Aug. 28	3935	833	123	2760
Turner, Ephraim M., St. Louis, Mo. Saddle	830,114	Sept. 4	414	85	124	101
Turner, Frank S., Pease, and W. B. Martin, Geneva, Ohio, assignors, by mesne assignments, to W. B. Martin. Liquid-measuring device	809,273	Jan. 2	1327	270	120	292
Turner, George E., assignor to Bellefontaine Foundry & Machine Company, Bellefontaine, Ohio. Steam shovel and dredge	812,244	Feb. 13	1480	323	120	1862
Turner, George E., assignor to Bellefontaine Foundry & Machine Company, Bellefontaine, Ohio. Steam-dredge	812,245	Feb. 13	1481	324	120	1862
Turner, George E., assignor to Bellefontaine Foundry & Machine Company, Bellefontaine, Ohio. Friction-clutch	821,680	May 29	5418	1153	122	1436
Turner, George E., assignor to Bellefontaine Foundry & Machine Company, Bellefontaine, Ohio. Friction-clutch	828,690	Aug. 14	2000	422	123	2197
Turner, George F., Brooklyn, and C. E. Vail, New York, N. Y. Automatic weighing-machine	832,102	Oct. 2	148	32-3	124	1248
Turner, Harry C., Los Angeles, Cal. Shock-absorber	819,386	May 1	715	152	122	163
Turner, Harry G., assignor to Freund & Turner, Chicago, Ill. Plate printing and embossing press	833,185	Oct. 16	2353	492-3	124	1871
Turner, Henry B., Huntington, W. Va. Shade-fixture	819,957	May 8	1873	414	122	478
Turner, Isaac J., assignor to L. T. Chamberlain, New York, N. Y. Motor-wheel	811,599	Feb. 6	127	28	120	1513
Turner, James, Blackburn, England. Furnace-grate	830,625	Sept. 11	1482	307	124	397
Turner, James F., et al. (See Melton, Henry C., assignor.)						
Turner, John C. (See Stoecklein and Turner.)						
Turner, John E., Dayton, Ohio. Circular extension-table	838,671	Dec. 18	2785	597	125	2131
Turner, John J., Hartford, Conn. Skimming-gate	825,090	July 3	799	166	123	213
Turner, John W., Odenton, Md. Combination-tool	837,521	Dec. 4	477	109	125	1475
Turner, Joseph, Worcester, Mass. Safety-razor	816,195	Mar. 27	4491	953	121	1135
Turner, Joseph S., and P. F. Hausmann, Los Angeles, Cal. Telescopic trestle	818,005	Apr. 17	2906	627	121	2110
Turner, Joseph W., Schenectady, N. Y. Conduit-sealing	815,237	Mar. 13	2494	520	121	603
Turner, Kelley M., New York, N. Y. Head band or support for telephone-receivers	817,457	Apr. 10	1816	381	121	1816
Turner, Kelly M., New York, N. Y. Attachment for acousticons permitting use of ordinary telephones	839,050	Dec. 18	3468	748	125	2298
Turner, Louise O. (See Turner, Albert H. and L. O.)						
Turner, Lucius A., Denver, Colo. Gravity-lock for sliding doors	820,271	May 8	2536	549-50	122	628

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Turner, Maurice C., assignor to New York Telephone Company, New York, N. Y. Bridge-connector for telephone-lines.....	822,492	June 5	512	104	122	1838
Turner, Maurice C., assignor to New York Telephone Company, New York, N. Y. Telephone-booth.....	822,493	June 5	513	104-5	122	1838
Turner, Miles, W. Kernaghan, and C. M. Swinehart, Steamboat Springs, Colo. Brake.....	810,825	Jan. 23	4492	934	120	1102
Turner, Perry W., Ada, Ohio. Metal roofing.....	836,157	Nov. 20	2491	523	125	716
Turner, Ralph W. (See Schwingel and Turner.)						
Turner, Robert, New Canaan, Conn., and B. R. Corley, New York, N. Y. Plate-press.....	809,036	Jan. 2	808	174	120	178
Turner, Robert, Jr., assignor to D. M. Ferry & Co., Detroit, Mich. Display-case.....	836,416	Nov. 20	3018	639-40	125	844
Turner, Robert, Jr., assignor to D. M. Ferry & Co., Detroit, Mich. Display-case.....	839,438	Dec. 25	4284	916	125	2543
Turner, Robert E., Norfolk, Va. Type-writing machine.....	830,115	Sept. 4	416	83-7	124	102
Turner, Robert O., assignor of one-fourth to L. J. Mead, Barre, Vt. Railway signal system.....	829,241	Aug. 21	3131	659	123	2515
Turner, Samuel J., assignor of one-half to H. J. Fish, Chicago, Ill. Wheel.....	822,088	May 29	6196	1321	122	1614
Turner Tanning Machinery Company. (See Chain, Elmer E., assignor.)						
Turner Tanning Machinery Company. (See Corwin, Hamilton S., assignor.)						
Turner Tanning Machinery Company. (See Lawrence, George A., assignor.)						
Turner Tanning Machinery Company. (See Perkins, Franklin J., assignor.)						
Turner, Thomas. (See Scott, Walter R., assignor.)						
Turner, Thomas J. R., Taylor, Iowa. Mail-box.....	809,866	Jan. 9	2505	520	120	584
Turner, Walter V. (See Clark and Turner.)						
Turner, Walter V. (See Henderson and Turner.)						
Turner, Walter V. (See Wright and Turner.)						
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Load-brake apparatus.....	808,703	Jan. 2	153	36	120	36
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Graduated release-valve.....	838,287	Dec. 11	2043	440-1	125	1904
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Graduated release-valve.....	827,274	July 31	5289	1096	123	1399
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	834,342	Oct. 30	4909	1040	124	2589
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	834,344	Oct. 30	4916	1041	124	2591
Turner, Walter V., Topeka, Kans., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Steam or other fluid pressure motor.....	833,809	Oct. 23	3632	777	124	2227
Turner, Walter V., Topeka, Kans., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Regulator-valve for air-brake systems.....	836,720	Nov. 27	3635	775	125	1028
Turner, Walter V., and D. M. Lewis, Raton, N. Mex. Ter., assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	825,990	July 17	2665	553	123	714
Turner, Walter V., and D. M. Lewis, Raton, N. Mex. Ter., assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Local-application and equalizing valve.....	837,358	Dec. 4	160	39	125	1395
Turner, Walter V., Topeka, Kans., and D. M. Lewis, Raton, N. Mex. Ter., assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Retarding-valve mechanism for fluid-pressure railway-brakes.....	837,980	Dec. 11	1395	304	125	1743
Turner, Walter V., Wilkinsburg, and E. A. Wright, Edgewood Park, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Air-brake apparatus.....	834,343	Oct. 30	4914	1041	124	2590
Turner, Walter V., Wilkinsburg, and J. S. Custer, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	810,514	Jan. 23	3917	805-6	120	977
Turner, William, Wenatchee, Wash. Combined weeder, orchard-cultivator, and fallow-plow.....	811,600	Feb. 6	128	28	120	1513
Turner, William H., R. E. Dixon, and T. B. Stewart, Leeds, England. Automatic apparatus for controlling and operating the points of electric railways and tramways.....	837,522	Dec. 4	479	109	125	1475
Turney, Edgar E., assignor of two-thirds to N. H. Tunks and K. C. Helmig, Peru, Ind. Operating mechanism for automatic car-couplings.....	812,385	Feb. 13	1760	385	120	1924
Turney, William, assignor of one-half to D. H. Regan, Hyde Park, Mass. Reamer.....	839,051	Dec. 18	3469	749	125	2298
Turpin, Thomas L., Aubrey, Tex. Measure.....	820,448	May 15	2886	627	122	763
Turton, Alfred, New York, N. Y. Plasterer's running-mold.....	837,981	Dec. 11	1400	304	125	1745
Turton, Harry, assignor to A. Buermann, Newark, N. J. Bridle-bit.....	823,564	June 19	2709	573	122	2424
Turton, Harry, assignor to A. Buermann, Newark, N. J. Bridle-bit.....	823,565	June 19	2710	573	122	2424
Turudija, Stanislaus, Trieste, Austria-Hungary. Trigger mechanism for small-arms.....	810,177	Jan. 16	3154	652	120	774
Tusar, Joseph D., Forest City, Pa. Device for moving cars.....	831,908	Sept. 25	4073	849	124	1123
Tüschel, Gustav, New York, N. Y. Polishing-machine.....	820,748	May 15	3466	743	122	892
Tust, Paul. (See Schmidt and Tust.)						
Tutewiler, Harry D., et al. (See Davis and Jameson, assignors.)						
Tuthill, Benjamin C., Washington, D. C. Construction of boats.....	832,435	Oct. 2	836	162	124	1413
Tuthill, George, and W. H. Boyd, Portland, Oreg. Protector for horses' tails.....	822,788	June 5	1099	227-8	122	1969
Tuthill, Harry W., Middletown, N. Y. Window-screen.....	811,974	Feb. 6	884	195	120	1669
Tutt, John C., Kansas City, Mo. Card or check receiver.....	813,468	Feb. 27	3902	855	120	2481
Tuttle, Arthur S., New York, N. Y. Venturi tube.....	816,280	Mar. 27	4649	987	121	1169
Tuttle & Bailey Mfg. Company. (See Tuttle, Willard S., assignor.)						
Tuttle, Charles L., Rochester, N. Y. Earth-auger.....	833,354	Oct. 16	2701	569	124	1961
Tuttle, Elijah C., Cherokee, Okla. Ter. Wagon-box fastener.....	835,691	Nov. 13	1600	341	125	446
Tuttle, Henry A., assignor to H. A. Tuttle Manufacturing Company, South Norwalk, Conn. Reversing-gear.....	812,533	Feb. 13	2043	448	120	1984
Tuttle, Henry A., assignor to H. A. Tuttle Manufacturing Company, South Norwalk, Conn. Tapping-machine.....	832,221	Oct. 2	414	78	124	1313
Tuttle, Henry A., assignor to H. A. Tuttle Manufacturing Company, South Norwalk, Conn. Tapping-machine.....	832,222	Oct. 2	419	78	124	1314
Tuttle, Hosmer, Cedar Rapids, assignor of one-half to J. D. Lamb, Clinton, Iowa. Rotary engine.....	834,033	Oct. 23	4261	903-4	124	2380
Tuttle, James E., Watertown, and J. MacLean, assignors to L. L. Rowe, Boston, Mass. Machine for cutting wooden dishes.....	811,004	Jan. 30	4883	1017-19	120	1221
Tuttle, Joseph H., Boston, and C. B. Frost, Cambridge, assignors to Frost Specialty Company, Boston, Mass. Package-sealing device.....	831,198	Sept. 18	2614	550	124	710
Tuttle, Josiah S., and C. L. Cookson, assignors to Panama Hay Press Co., Kansas City, Mo. Baling-press.....	814,251	Mar. 6	492	102	121	106
Tuttle, Josiah S., and C. L. Cookson, assignors to Admiral Hay Press Co., Kansas City, Mo. Baling-press.....	814,252	Mar. 6	494	102-3	121	106
Tuttle, Robert G., Brevard, N. C. Book-stand.....	839,339	Dec. 25	4079	875	125	2493
Tuttle, Willard S., Brooklyn, N. Y. Pulley-block.....	816,196	Mar. 27	4493	953	121	1135
Tuttle, Willard S., Brooklyn, N. Y. Hot-air register.....	822,408	June 5	342	71	122	1801
Tuttle, Willard S., assignor to Tuttle & Bailey Mfg. Company, Brooklyn, N. Y. Grille-plate.....	812,158	Feb. 6	1271	278	120	1748
Tverdahl, Ole, Mineral City, assignor of one-half to T. J. Rittenhouse, Coshocton, Ohio. Polishing-machine for sad-irons.....	808,786	Jan. 2	333	71-2	120	74
Tverdahl, Ole, assignor of three-fourths to T. J. Rittenhouse and P. J. Haidet, Coshocton, Ohio. Polishing-machine.....	834,421	Oct. 30	5075	1077-8	124	2329

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Twaha, Jaim B. S. P., Spokane, Wash. Horse-releaser.....	817,599	Apr. 10	2085	440	121	1871
Twamley, Clark E., Alexandria, S. D. Seed-corn tester.....	830,383	Sept. 4	980	204	124	241
Twentieth Century Life Saving Automatic Fender Company. (See Gumz, Albert E., assignor.)						
Twentieth Century Life Saving Automatic Fender Company. (See Thiele, Herman, assignor.)						
Twentieth Century Roller Washer Co. (See Wheatley, Arthur, assignor.)						
Twichell, Treadwell, <i>et al.</i> (See Mouck, Andrew B., assignor.)						
Twining, William A., Cleveland, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Automatic ribbon-reverse.....	820,834	May 15	3666	782-4	122	935
Twinlock Company. (See Maltby, Charles C., assignor.)						
Twiss, James G., New York, N. Y. Game apparatus.....	822,789	June 5	1100	228	122	1969
Twitchell, Charles R., assignor of one-half to J. M. Brennan, Los Angeles, Cal. Pneumatic tire.....	819,387	May 1	717	152	122	163
Twitchell, Charles R., assignor of one-half to J. M. Brennan, Los Angeles, Cal. Pneumatic tire.....	824,604	June 26	4718	1004	122	2916
Twitchell, James E., Detroit, Mich. Garment-hanger.....	823,376	June 12	2313	485	122	2279
Two-Edge Manufacturing Company. (See McLeran, Alvord M., assignor.)						
Twombly, Willard I., New York, N. Y. Shock-absorber.....	832,103	Oct. 2	163	33	124	1254
Twomey, Patrick, New York, N. Y. Truck.....	809,478	Jan. 9	1771	365	120	423
Twomey, Patrick, New York, N. Y. Truck.....	817,350	Apr. 10	1588	335-6	121	1767
Tyars, George P., Cape Town, Cape Colony. Apparatus for treating and amalgamating metals.....	808,787	Jan. 2	334	72	120	74
Tyberg, Oluf, assignor to International Cigar Machinery Company, New York, N. Y. Wrapper-support for cigar-machines.....	811,108	Jan. 30	5061	1059	120	1259
Tyberg, Oluf, Brooklyn, N. Y., assignor to International Cigar Machinery Company, Jersey City, N. J. Cigar-filler and preparing same.....	827,126	July 31	4967	1036	123	1316
Tyberg, Oluf, and J. G. C. Mantle, assignors to R. L. Patterson and G. Arents, Jr., New York, N. Y. Adhesive-supplying mechanism.....	814,414	Mar. 6	854	176	121	185
Tyden, Emil. (See Kriehbaum, Hiram C., assignor.)						
Tyden, Emil, Hastings, Mich. Fiber-mixer.....	812,311	Feb. 13	1620	356	120	1895
Tyden, Emil, Hastings, Mich. Sanding-machine.....	830,116	Sept. 4	433	87-8	124	108
Tyer, Edward, Dalston, England, and J. H. Hamilton, Cape Town, Cape Colony. Apparatus for insuring safety of traffic on single lines of railway.....	832,709	Oct. 9	1394	281	124	1588
Tygart, John A., assignor of one-half to M. F. Sadler, Belleville, Ark. Wire-stretcher.....	823,087	June 12	1732	357	122	2153
Tyler, Coe, <i>et al.</i> (See Evans, Lewis J., assignor.)						
Tyler, George K., Tawas City, Mich. Skewer-pointing machine.....	827,333	July 31	5406	1124	123	1429
Tyler, Hiram, Los Angeles, Cal. Mile-meter.....	825,432	July 10	1526	316	123	416
Tyler, John C. (See McCoy, Ernest K., assignor.)						
Tyler, Walter S., assignor to American Graphophone Company, Bridgeport, Conn. Apparatus for molding sound-records.....	836,417	Nov. 20	3019	640	125	844
Tymn, Cecil, assignor of forty-nine one-hundredths to L. F. Marz and W. D. Patterson, St. Louis, Mo. Rail-joint.....	838,288	Dec. 11	2045	441	125	1905
Tynpalyn Company. (See Fullard, William, assignor.)						
Tynan, Joseph J., Philadelphia, Pa. Annealing apparatus.....	815,569	Mar. 20	3184	669	121	800
Tyndall, Jessie C., St. Louis, Mo. Kindergarten-loom.....	835,767	Nov. 13	1744	372	125	482
Tyndall, Jessie C., St. Louis, Mo. Kindergarten-loom.....	836,842	Nov. 27	3883	829	125	1094
Typewriter Adding Machine Company. (See Martineau, Clarence R., assignor.)						
Tyra, Joseph, Minneapolis, Minn. Metallic window sash and frame.....	816,690	Apr. 3	289	67-8	121	1424
Tyra, Joseph, Minneapolis, Minn. Sheet-metal door.....	838,672	Dec. 18	2786	597	125	2131
Tyrell, Henry, Ottawa, Canada. Filter.....	819,958	May 8	1874	414	122	479
Tyrell, Nathan E. (See Gumbel and Tyrell.)						
Tyrell, Nathan E., assignor to Standard Scale and Foundry Company, Kansas City, Mo. Weighing-scale.....	819,959	May 8	1875	415	122	479
Tyzack, Henry F. (See Scott and Tyzack.)						
U. S. Standard Voting Machine Company. (See Lausterer, William J., assignor.)						
Ubellar, James L., Kankakee, Ill. Garment-supporting device.....	831,390	Sept. 18	2994	636	124	807
Ubellar, James L., Kankakee, Ill. Attachment for tooth-brushes, &c.....	831,391	Sept. 18	2994	636	124	807
Ude, Waldemar, St. Louis, Mo., assignor to Johnson & Johnson, New Brunswick, N. J. Lens-finder for clinical thermometers.....	821,141	May 22	4345	924	122	1146
Udhaug, Hans J., Bodø, Norway. Means for controlling and driving horses without bits.....	826,810	July 24	4318	898	123	1145
Udelhofen, Valentin, Lakeside, Ill. Railway-track construction.....	830,026	Sept. 4	229	44	124	57
Ueland, Kalmer, Shelly, Minn. Belt-throwing device.....	837,982	Dec. 11	1401	305	125	1745
Uelmann, Heinrich, Hicksville, N. Y. Baling device for transplanting trees.....	835,585	Nov. 13	1412	303	125	401
Uchazy, Albert. (See Berger and Uchazy.)						
Uhl, Edward H. (See Calhoun, William H. and W. G., assignors.)						
Uhl, Frank, South Sharon, Pa. Nut-lock.....	837,436	Dec. 4	318	76	125	1435
Uhlenkott, Herman J., Keuterville, Idaho. Steam-turbine.....	828,443	Aug. 14	1510	318	123	2070
Uhler, Francis M., assignor of one-half to G. W. Davis, Lincoln, Nebr. Internal-combustion engine.....	815,492	Mar. 20	3036	634	121	769
Uhler, Harry A., <i>et al.</i> (See Harrington, Claude B., assignor.)						
Uhlmann, Bernhard, Passaic, N. J. Adjustable pedal-crank for bicycles.....	823,712	June 19	2982	631	122	2484
Uhlmann, Charles R., Peoria, Ill. Hair-brush.....	819,960	May 8	1880	415	122	481
Uhlrich, William, Atlantic, Iowa. Seed-testing apparatus.....	823,088	June 12	1733	357	122	2153
Uler, Ulysses J., <i>et al.</i> (See Kaufman, Everett G., assignor.)						
Ulett, George, assignor of one-half to J. H. Yetten, Waltham, Mass. Holder for sad-irons.....	814,253	Mar. 6	499	103	121	107
Ulland, Even, Minneapolis, Minn. Rotary engine.....	825,361	July 10	1346	283-4	123	369
Ullin, Carl G., Ballard, Wash. Column-stave sticker.....	825,622	July 10	1933	409	123	513
Ullman, Albert, Macon, Ga., assignor of one-half to Ramsdell Inverted Gas Lamp Company. Gas-check.....	820,835	May 15	3674	784	122	937
Ullmann, Josef, Vienna, Austria-Hungary. Sealing device for parcels, &c.....	833,428	Oct. 16	2860	605	124	2001
Ullrich, Jacob, Hoboken, N. J. Self-filling fountain-pen.....	835,267	Nov. 6	785	164	125	198
Ullrich, Jacob H., Nashville, Tenn. Force-feed seeder.....	824,762	July 3	132	25	123	38
Ullrich, Jacob H., Nashville, Tenn. Grain-drill.....	824,763	July 3	135	26	123	39
Ullrich, Jacob H., Nashville, Tenn. Grain-drill.....	833,096	Oct. 9	2149	452	124	1772
Ulmann, Philipp, assignor to Firm of Kinley-Licht & Apparatebau Gesellschaft m. b. H., Frankfurt-on-the-Main, Germany. Bunsen burner for liquid hydrocarbons.....	824,268	June 26	4033	863	122	2770
Ulrich, George. (See Sharp, Harry E., assignor.)						
Ulsb, James M., Lancaster, Pa. Harrow-tooth.....	811,753	Feb. 6	404	88	120	1574
Ulsb, James M., Lancaster, Pa. Harrow.....	832,223	Oct. 2	422	78	124	1315
Ulsb, Joseph E., assignor of one-half to C. Johnston, Altoona, Pa. Release-rigging for car-couplings.....	827,948	Aug. 7	510	104	123	1799
Umbenhower, Cornelius R., Anderson, Ind. Vapor oil-burner.....	827,764	Aug. 7	156	32	123	1708
Underdown, Daniel W., Mount Clemens, Mich. Toilet-paper package.....	839,439	Dec. 25	4285	916	125	2544

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Di'g.	Vol.	Page.
Underhill, Arthur B. (See Caldwell, Henry C., assignor.)						
Underhill, Dillen, Toledo, Ohio. Hinge.	819,098	May 1	129	27	122	33
Underwood, Albert E., Bemidji, and A. D. Mowers, Solway, Minn. Means for cleaning plow-collars.	827,334	July 31	5408	1124	123	1429
Underwood, Ode S., Roseville, Ill. Trap.	834,539	Oct. 30	5287	1123-4	124	2685
Underwood Typewriter Company. (See Anderson, Neal L., assignor.)						
Underwood Typewriter Company. (See Bruce, Brainard T., assignor.)						
Underwood Typewriter Company. (See Cook, Frank A., assignor.)						
Underwood Typewriter Company. (See Crowell, Henry M., assignor.)						
Underwood Typewriter Company. (See Helmond, William F., assignor.)						
Underwood Typewriter Company. (See Helmond and Cook, assignors.)						
Underwood Typewriter Company. (See Hewitt, Allin W., assignor.)						
Underwood Typewriter Company. (See Kunath, Edward F., assignor.)						
Underwood Typewriter Company. (See McCormack, Harry S., assignor.)						
Underwood Typewriter Company. (See McLaughlin, John C., assignor.)						
Underwood Typewriter Company. (See Rice, Charles D., assignor.)						
Underwood Typewriter Company. (See Sanderson, Homer A., assignor.)						
Underwood Typewriter Company. (See Shea, Christopher A., assignor.)						
Underwood Typewriter Company. (See Smith, Stephen T., Jr., assignor.)						
Underwood Typewriter Company. (See Stickney, Burnham C., assignor.)						
Underwood Typewriter Company. (See Thompson, Noma, assignor.)						
Underwood Typewriter Company. (See Wagner, Franz X., assignor.)						
Underwood Typewriter Company. (See Wagner, Franz X., assignor.) (Reissue.)						
Unfried, Joseph, Groesbeck, Tex. Baling-press.	809,867	Jan. 9	2507	521	120	585
Ungarische-Asphalt Aktien-Gesellschaft. (See Rózsa, Mihály, assignor.)						
Unge, Wilhelm T., Stockholm, Sweden. Propelling charge for air-torpedoes, &c.	826,293	July 17	3246	671	123	854
Unger, Isaac. (See Soderberg, Josef, assignor.)						
Unger, Isaac, Iron Mountain, Mich. High chair.	821,387	May 22	4839	1027	122	1255
Unger, Isaac, Iron Mountain, Mich. Chair-guard.	821,388	May 22	4840	1027	122	1255
Ungerman, Josef, Pittsburg, Pa. Toy.	818,132	Apr. 17	3150	678	121	2160
Union Bag & Paper Company. (See Bartholomew, Phineas L., assignor.)						
Union Bag & Paper Company. (See Kasson, Mahlon O., assignor.)						
Union Bag & Paper Company. (See Ward, George R., assignor.)						
Union Carbide Company. (See Price, Edgar F., assignor.)						
Union Carbide Company. (See Price, Cox, and Marshall, assignors.)						
Union Carbide Company. (See Willson, Thomas L., assignor.)						
Union Gas Company. (See Crawford and Sinclair, assignors.)						
Union Hardware Company. (See Hoerle, Christian G., assignor.)						
Union Horse Nail Company. (See Abbott, Benjamin J., assignor.)						
Union Iron Works. (See Temple and Hoehn, assignors.)						
Union Iron Works Company. (See Blanding, Forrest H., assignor.)						
Union Manufacturing Company. (See Church, Albert E., assignor.)						
Union Manufacturing Company. (See Townsend, Harry F., assignor.)						
Union Match Company. (See Wyman, William H., assignor.)						
Union Paper Bag Machine Company. (See Claussen, Edward E., assignor.)						
Union Paper Bag Machine Company. (See Lorenz and Merritt, assignors.)						
Union Special Machine Company. (See Woodward, Russel G., assignor.)						
Union Special-Maschinenfabrik Gesellschaft mit beschränkter Haftung. (See Maier, Karl, assignor.)						
Union Special Sewing Machine Co. (See Onderdonk and Woodward, assignors.)						
Union Special Sewing Machine Co. (See Woodward and McNeil, assignors.)						
Union Special Sewing Machine Company. (See Corey, Daniel W., assignor.)						
Union Special Sewing Machine Company. (See Moffatt, James R., assignor.)						
Union Special Sewing Machine Company. (See Onderdonk, Lansing, assignor.)						
Union Special Sewing Machine Company. (See Patterson, James L., assignor.)						
Union Special Sewing Machine Company. (See Seymour, Dudley S., assignor.)						
Union Special Sewing Machine Company. (See Woodward, Russel G., assignor.)						
Union Specialty Company. (See Tolman, Charles P., assignor.)						
Union Spring and Manufacturing Co. (See Channell, George H., assignor.)						
Union Stopper Company. (See Brisco, Charles N., assignor.)						
Union Steel Screen Company. (See Agnew, Ray F., assignor.)						
Union Switch and Signal Company. (See Ames and Hobson, assignors.)						
Union Switch and Signal Company. (See Coleman, John P., assignor.)						
Union Switch and Signal Company. (See Everett, Edward A., assignor.)						
Union Switch and Signal Company. (See Freund, Jacob D., assignor.)						
Union Switch and Signal Company. (See Griffin, Henry W., assignor.)						
Union Switch and Signal Company. (See Hobson, John S., assignor.)						
Union Switch and Signal Company. (See Howard and Rice, assignors.)						
Union Switch and Signal Company. (See Porteous, Christopher F., assignor.)						
Union Switch and Signal Company. (See Struble, Jacob B., assignor.)						
Union Switch and Signal Company. (See Thullen, Louis H., assignor.)						
Union Switch and Signal Company. (See Van Wyck, Matthias M. V., assignor.)						
Union Switch and Signal Company. (See Wallace, Herbert A., assignor.)						
Union Switch and Signal Company. (See Wilson, Asbury G., assignor.)						
Union Switch and Signal Company. (See Winsor, Paul, assignor.)						
Union Tank Line Company. (See Southard, George L., assignor.)						
Union Typewriter Company. (See Arnold, Horace L., assignor.)						
Union Typewriter Company. (See Barney, Edwin E., assignor.)						
Union Typewriter Company. (See Brooks, Byron A., assignor.)						
Union Typewriter Company. (See Felbel, Jacob, assignor.)						
Union Typewriter Company. (See Smith, George H., assignor.)						
Union Typewriter Company. (See Stickney, Burnham C., assignor.)						
Union Typewriter Company. (See Strother, Robert H., assignor.)						
United Coke and Gas Company. (See Schniewind, Frederic W. C., assignor.)						
United Engineering & Foundry Company. (See Ellis, Frank I., assignor.)						
United Engineering & Foundry Company. (See Gardner, Kirtland C., assignor.)						
United Fast Color Eyelet Company. (See Elliot, William S., assignor.)						
United Gas Improvement Company. (See Perry, Joseph A., assignor.)						
United Iron Works Company. (See Hornsby and Weston, assignors.)						
United Lead Company. (See Bailey, John W., assignor.)						
United Lead Company. (See Bailey, John W., F. T., and M., assignors.)						
United Mattress Machinery Company. (See Thompson, Robert R., assignor.)						
United Mattress Machinery Company. (See Thompson and Pinkham, assignors.)						
United Printing Machinery Co. (See Fullard, William, assignor.)						
United Printing Machinery Co. (See Williams, Edward C., assignor.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
United Printing Machinery Company. (See Allen, Arthur S., assignor.)						
United Printing Machinery Company. (See Berry, Benjamin F., assignor.)						
United Printing Machinery Company. (See Gustafson, Bernhard, assignor.)						
United Shirt and Collar Company. (See Pine, James K. P., assignor.)						
United Shirt & Collar Company. (See Pine and Dormandy, assignors.)						
United Shoe Machinery Company. (See Alley, Frederick L., assignor.)						
United Shoe Machinery Company. (See Bayley, Charles H., assignor.)						
United Shoe Machinery Company. (See Brainard, William S., assignor.)						
United Shoe Machinery Company. (See Brock, Matthias, assignor.)						
United Shoe Machinery Company. (See Collins, James E., assignor.)						
United Shoe Machinery Company. (See Davenport, Eugene F., assignor.)						
United Shoe Machinery Company. (See Fowler, Alfred B., assignor.)						
United Shoe Machinery Company. (See Fuller, Charles I., assignor.)						
United Shoe Machinery Company. (See Gillespie, John J., assignor.)						
United Shoe Machinery Company. (See Hurd, Edward L., assignor.)						
United Shoe Machinery Company. (See Mayo, Benjamin F., assignor.)						
United Shoe Machinery Company. (See Taylor, William H., assignor.)						
United Shoe Machinery Company. (See Warren, George E., assignor.)						
United States Braid Machine Manufacturing Co. (See Diss, Albert B., assignor.)						
United States and Canada Degreasing Syndicate. (See Parker, Alfred C., assignor.)						
United States Coin Register Company. (See Nagel, William G., assignor.)						
United States Dental Manufacturing Company. (See Korb, Frederick W., assignor.)						
United States Electric Tool Company. (See Smith, John A., assignor.)						
United States Envelope Company. (See Pahlitzsch, Bruno, assignor.)						
United States Envelope Company. (See Williams, Harry J., assignor.)						
United States Fastener Company. (See Richardson, William S., assignor.)						
United States Felling Machine Co. (See Fefel, John E., assignor.)						
United States Fiber Stopper Company. (See Goeb, Rudolph W., assignor.)						
United States Horn Company. (See Villy, Gustave H., assignor.) (Reissue.)						
United States Incandescent Lamp Company. (See Ferguson, Hugh G., assignor.)						
United States Ordnance Company. (See Wilson and Leech, assignors.)						
United States Patent Brokerage Company. (See Olson, Charles, assignor.)						
United States Printing Company. (See Lucas, James B., assignor.)						
United States Printing Company. (See Schnurr, William, assignor.)						
United States Radiator Company. (See Geary, John F., assignor.)						
United States Recording Automatic Scales Company. (See Cameron, Ewan, assignor.)						
United States Sanitary and Utility Sewage Disposal Company. (See Lutz, Alexander, assignor.)						
United States Slot Machine Company. (See Williams, John A., assignor.)						
United States Specialty Company. (See MacLean, James, assignor.)						
United States Vending Corporation. (See Hall and MacLeod, assignors.)						
United Wrapping Machine Company. (See Camp, Theodore L., assignor.)						
United-Xpedite Finishing Company. (See Biladeau and Chappelaine, assignors.) (Re-issue.)						
United-Xpedite Finishing Company. (See Jackson, James E., assignor.)						
United Zinc and Chemical Company. (See Hofmann, Ottokar, assignor.)						
United Zinc & Chemical Company. (See Meyer, August R., assignor.)						
Unitype Company. (See Ennisson, Walter J., assignor.)						
Unitype Company. (See Johnson, Frank A., assignor.)						
Universal Accountant Machine Company. (See Hiett, De Kerniea J. T., assignor.) (Re-issue.)						
Universal Brush Company. (See Curtis, Frank C., assignor.)						
Universal Cable Grip Company. (See Martin, Philip J., assignor.)						
Universal Caster and Foundry Company. (See Bischoff, Frederick F., assignor.)						
Universal Caster and Foundry Company. (See Diss, Albert B., assignor.)						
Universal Electric Equipment Company. (See Thompson, John H., assignor.)						
Universal Electric Storage Battery Company. (See Gardiner, William, assignor.)						
Universal Machine Screw Company. (See Spencer, Christopher M., assignor.)						
Universal Novelty Company. (See Hall, George F., assignor.)						
Universal Pneumatic Transmission Company. (See Stoetzel, Joseph J., assignor.)						
Universal Talking Machine Manufacturing Company. (See Hagen, Henry J., assignor.)						
Universal Talking Machine Manufacturing Company. (See Haug, Andrew, assignor.)						
Universal Tire Company. (See Ellis and Davis, assignors.)						
Universal Winding Company. (See Wardwell, Simon W., assignor.)						
Unke, William H., Duluth, Minn. Garment-fastener.....	811,005	Jan. 30	4489	1019	120	1222
Upham, Charles S., Odell, Ill. Grain dump and elevator.....	818,926	Apr. 24	4749	1020-1	121	2558
Upjohn Company. (See Upjohn, Fredrick L., assignor.)						
Upjohn, Fredrick L., New York, N. Y., assignor to Upjohn Company, Kalamazoo, Mich. Box.....	828,151	Aug. 7	909	187	123	1894
Upson, Charles H., Waterbury, assignor to Berbecker & Rowland Manufacturing Company, Waterville, Conn. Sole and heel plate.....	834,949	Nov. 6	142	28	125	40
Upson, John E. (See Palmer and Upson.)						
Upton, Charles P., Portland, Me. Device for cleaning clothes.....	837,983	Dec. 11	1403	305	125	1745
Upton, Charles S., assignor of one-half to R. B. Caswell, Walla Walla, Wash. Colter and stubble-turner.....	836,544	Nov. 20	3264	694	125	904
Upton, George W., Warren, Ohio. Fishing-reel.....	820,326	May 8	2635	574	122	650
Urbach, John T., assignor of one-eighth to M. M. Duvall, Baltimore, Md. Wrench.....	822,790	June 5	1101	228	122	1969
Urban, Eduard, Blowitz, near Pilsen, Austria-Hungary. Engine with revolving cylinders.....	825,945	July 17	2583	536	123	690
Urban, Fredrick H., assignor of three-fourths to L. Refet and O. E. Adams, Brazil, Ind. Metallic railway-tie.....	823,311	June 12	2205	459	122	2257
Urban, Joseph S., assignor of one-half to A. E. Niebling, Indianapolis, Ind. Automatic igniter for match-boxes.....	811,458	Jan. 30	5744	1203	120	1404
Urban, Joseph S., assignor of one-half to A. E. Niebling, Indianapolis, Ind. Vegetable-cutter.....	814,577	Mar. 6	1153	240-1	121	250
Urdahl, Arent C., Viroqua, Wis. Tobacco self-transplanter.....	818,586	Apr. 24	4068	873-4	121	2409
Urfer, Fred G., Portland, Ore. Sectional tire.....	814,175	Mar. 6	336	68	121	74
Urie, Henry F., Lake City, Fla. Metallic railway-tie.....	820,611	May 15	3211	690	122	836
Urie, William T., Kansas City, Mo. Motor-car.....	830,384	Sept. 4	982	204-5	124	242
Urior, John. (See North and Urior.)						
Urmston, Henry H., Jackson, Tenn. Means for removably connecting moving parts of machinery.....	822,494	June 5	514	105	122	1838
Urry, Frank H., London, England. Illuminated advertising-sign.....	829,902	Aug. 28	4536	956	123	2907
Uthe, Albert J. (See Uthe, Leonard F. and A. J.)						
Uthe, Leonard F., North Amherst, and A. J. Uthe, Elyria, Ohio. Channeling-machine.....	816,050	Mar. 27	4193	890-1	121	1071

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Uthus, Charles L., Harvard, Ill. Fruit-picker.....	815,660	Mar. 20	3366	704	121	841
Utica Drop Forge & Tool Co. (See Kelleman, Fasoldt, and Triebel, assignors.)						
Utica Drop Forge and Tool Company. (See Broadbooks, Peter, assignor.)						
Utica Drop Forge & Tool Company. (See Kelleman, Henry F., assignor.)						
Utica Industrial Company. (See Graham, Charles W., assignor.)						
Utility Cotton Picker Company. (See Price and Quantell, assignors.)						
Utke, Ernst. (See Damhorst, Kemper, and Utke.)						
Utterback, Forrest H. (See Utterback, James, assignor.)						
Utterback, James, assignor of one-half to F. H. Utterback, Honeoye Falls, N. Y. Fruit-picking bag.....	824,160	June 26	3821	815	122	2725
Utterson, John N. (See Pribil and Utterson.)						
Utz, Emil. (See Belt and Utz.)						
Utz, Jacob M., Duff, Ind. Stove.....	834,345	Oct. 30	4920	1042	124	2592
Uzmann, John H., Jr., Brooklyn, N. Y. Combined eraser and brush.....	831,199	Sept. 18	2617	551	124	710
V. Clad & Sons. (See Cranston and Huling, assignors.)						
Vaaler, Jens, assignor to Clemetsen Company, Chicago, Ill. Type-writer desk.....	820,272	May 8	2539	550	122	629
Vacuum Cleaner Company. (See Kenney, David T., assignor.)						
Vacuum Storage Cask Company. (See Ferguson, Harry C., assignor.)						
Vail, Charles E. (See Turner and Vail.)						
Vail, Henry B., Arlington, Ohio. Pig-brooder.....	809,543	Jan. 9	1886	391-2	120	448
Vail, Henry W., Macomb, Ill. Automatic mail and package deliverer.....	834,775	Oct. 30	5779	1227-8	124	2808
Vail, Jonathan H., Norristown, assignor to Pennsylvania Iron Works Company, Philadelphia, Pa. Vaporizer for internal-combustion engines.....	837,984	Dec. 11	1403	305	125	1746
Vaile, John I., River Forest, Ill. Cart.....	818,205	Apr. 17	3308	797	121	2195
Vaile & Kimes. (See Kimes, Hugh W., assignor.)						
Vains, Antoine R. de. (See Varannes and Vains.)						
Vale, Elizabeth T., assignor to G. Meckfessel, Sheridanville, and J. W. Vale, Oakdale, Pa. Domestic apparatus for consuming garbage.....	817,022	Apr. 3	952	195	121	1570
Vale, John W., et al. (See Vale, Elizabeth T., assignor.)						
Vale, Louis K., Jr., McKees Rocks, Pa. Cuspidor.....	828,152	Aug. 7	910	187	123	1894
Valensi, Jacob. (See Cole, Arthur W., assignor.)						
Valentine, James B. (See Marchand, Alexis, assignor.)						
Valentine, Ralph E., Worcester, Mass. Machine for preparation of cereals.....	831,909	Sept. 25	4074	849-50	124	1123
Valentine, Ralph E., Worcester, Mass. Roll for machines for preparing cereals.....	831,910	Sept. 25	4077	850	124	1123
Valentine, Walter D., et al. (See Gallagher Fred E., assignor.)						
Valentine, William, and A. G. Betts, Troy, N. Y. Smelting lead ores.....	816,764	Apr. 3	422	95	121	1451
Valentiner, Friedrich W. S., Leipsic, Germany. Salicylic-acid methylene acetate and making same.....	811,884	Feb. 6	673	.....	120	1628
Valerius, Theodore L., Fort Atkinson, Wis., assignor to Creamery Package Mfg. Company, Chicago, Ill. Turbine bottle-washer.....	820,749	May 15	3468	744	122	892
Valerius, Theodore L., Fort Atkinson, Wis., assignor to Creamery Package Manufacturing Company, Chicago, Ill. Bottle-filler.....	833,988	Oct. 23	4153	882	124	2353
Valiquet, Louis P., New York, N. Y., assignor to Victor Talking Machine Company. Safety device for sound-boxes for talking-machines.....	830,689	Sept. 11	1624	335	124	436
Vallee, John A. (See Koenig and Vallee.)						
Valley, Thomas L. (See Burke and Valley.)						
Valley Iron Works Co. (See Peterson, Emil A., assignor.)*						
Valiney, Martin T., Pittsburg, and Q. C. Daniels, Knoxville, Pa., assignors of one-half to G. McCargo, Pittsburg, Pa. Lubricator.....	839,234	Dec. 25	3880	834	125	2444
Van Acker, Charles S., Ecclloo, Belgium. Carving-machine.....	834,346	Oct. 30	4922	1042-3	124	2592
Van Aller, Tycho, Schenectady, N. Y., assignor to General Electric Company. Electric soldering-iron.....	825,251	July 3	1114	237	123	290
Van Alstine, Frank, Sacramento, Cal. Attachment for ladders.....	812,620	Feb. 13	2220	484	120	2017
Van Alstyn, Albert T., Chicago, Ill. Buckle.....	837,650	Dec. 4	750	171	125	1540
Van Amber, Frank, Syracuse, N. Y. Means for preventing differential movement of clamping-jaws.....	815,988	Mar. 27	4059	860	121	1040
Van Antwerp, Jennie E., Dent, Minn. Puzzle.....	838,919	Dec. 18	3229	698	125	2237
Van Aucken, Byron E., Chicago, Ill. Valve for radiators.....	828,153	Aug. 7	912	187	123	1894
Van Berendonck, Philippe E., Brussels, Belgium. Loading and unloading device.....	827,831	Aug. 7	281	57	123	1740
Van Blarcom, Samuel M., New York, N. Y. Condiment-holder.....	815,883	Mar. 20	3861	818	121	944
Van Boxel, Mathew, Cleveland, Ohio. Nut-lock.....	839,235	Dec. 25	3882	834	125	2445
Van Broekhoven, Jacobus J., Wychen, Netherlands. Shears.....	829,305	Aug. 21	3266	688	123	2547
Van Buren, Charles J., assignor to Van Buren, Heck & Marvin Co., Findlay, Ohio. Ditching-machine.....	828,831	Aug. 14	2267	482-4	123	2265
Van Buren, Heck & Marvin Co. (See Van Buren, Charles J., assignor.)						
Van Buskirk, William, St. Joseph, Mo. Machine for gumming or setting saws.....	838,595	Dec. 18	2630	567	125	2094
Van Cauwenbergh, Frank, Rockford, Ill. Hand-vise.....	828,787	Aug. 14	2190	464	123	2244
Van Cleve, Frank H. (See Marble, Webster L., assignor.)						
Van Court, Robert E., Newton, Iowa. Band-cutter and feeder.....	813,259	Feb. 20	3463	764	120	2328
Van de Walker, Charles W., and R. T. Jenney, Two Rivers, assignors to Western Steel & Iron Works, Green Bay, Wis. Post-hole digger.....	815,133	Mar. 13	2276	476	121	552
Van den Heuvel, Arie J., and J. J. Galman, Hesper, Iowa. Voting-machine.....	829,130	Aug. 21	2898	608-10	123	2459
Van Der Vaart, Henry W., San Francisco, Cal. Automatic attachment for carbonating apparatus.....	809,649	Jan. 9	2116	438	120	495
Van Dervort, Adrian O., Troy, N. Y. Packing.....	821,682	May 29	5422	1154	122	1436
Van Derwerken, Theodore E., Green Island, assignor of one-half to E. F. Pieper, Waterford, N. Y. Seal-lock.....	837,758	Dec. 4	962	216	125	1594
Van Deussen, Edith, New York, N. Y. Match-case.....	831,021	Sept. 11	2234	472	124	590
Van Deussen, James H., et al. (See Fuller, Anderson, assignor.)						
Van Dorin, Lewis, San Bernardino, Cal. Power punch and shears.....	819,621	May 1	1140	251-2	122	256
Van Dorn-Elliott Electric Co. (See Pedersen, Adolph, assignor.)						
Van Dorn-Elliott Electric Company. (See Pedersen, Adolph, assignor.) (Reissue.)						
Van Dorn Iron Works Company. (See Van Dorn, James H., assignor.)						
Van Dorn, James H., assignor to Van Dorn Iron Works Company, Cleveland, Ohio. Mail-box.....	827,482	July 31	5788	1201	123	1520
Van Dorn, William T., Chicago, Ill. Railway-car.....	835,170	Nov. 6	591	120-1	125	150
Van Dusen, Henry L., assignor of one-half to R. W. Boyd, Lockhart, Tex. Churning-machine.....	816,621	Apr. 3	161	33	121	1397
Van Eaton, Charles C. (See Klee and Van Eaton.)						
Van Eesbeeck, Jean A., Brussels, Belgium. Transportable fire-escape with removable stretcher.....	825,946	July 17	2584	537	123	690
Van Emon, Walter S., Selma, Cal. Punch.....	833,265	Oct. 16	2520	526	124	1914
Van Every, Gordon E., assignor of one-fourth to K. H. Cressman, Naper, Nebr. Telephone or other line-supporting post.....	823,377	June 12	2314	485	122	2280
Van Gale, Louis, Newark, N. J. Combined frame and handle for toilet articles, &c.....	814,415	Mar. 6	857	176-7	121	186

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Van Gulpen, Max, Mülheim-on-the-Rhine, Germany. Machine for the manufacture of cigars, cigarettes, cigar-fillers, and the like.	809,410	Jan. 9	1635	333-6	120	393
Van Haeften, Cornelis H. J., The Hague, Netherlands. Producing manure from peat.	821,555	May 22	5149	1098	122	1321
Van Hafften, Alexander W., (See Ruffi, Herman, assignor.)						
Van Hafften, Alexander W., and J. L. Gilmore, Minneapolis, Minn. Anchored-block pavement.	825,564	July 10	1806	382	123	483
Van Hoesen, Casper, New York, N. Y. Ash and garbage can.	824,891	July 3	430	83-4	123	117
Van Hoesen, Harold M., (See Carter, Byron B., assignor.)						
Van Horn, Arthur C., and A. A. Miller, Groton, N. Y. Rifle-sight.	823,145	June 12	1846	381	122	2177
Van Horn, Charles B., Philadelphia, assignor to Guarantee Title and Trust Co., trustee, Pittsburg, Pa. Wheel.	819,824	May 8	1581	336	122	416
Van Horn, Launy, Letts, Iowa. Gas-fixture and mirror-support.	833,492	Oct. 16	3004	638	124	2031
Van Horn, William L., Shawnee, Okla. Ter. Toy.	825,873	Nov. 10	2446	510	123	642
Van Houten, Frank H., Fishkill-on-the-Hudson, N. Y. Dough-divider.	835,207	Nov. 6	663	137	125	169
Van Houweling, Arthur C., Pella, Iowa. Governor.	822,495	June 5	516	105	122	1839
Van Kannel Revolving Door Company. (See Van Kannel, Theophilus, assignor.)						
Van Kannel, Theophilus, assignor to Van Kannel Revolving Door Company, New York, N. Y. Metallic frame for revolving doors.	813,602	Feb. 27	4162	913-14	120	2540
Van Kannel, Theophilus, assignor to Van Kannel Revolving Door Company, New York, N. Y. Rotatable delivery-shelf.	833,810	Oct. 23	3635	777-8	124	2228
Van Kannel, Theophilus, New York, N. Y., assignor to Van Kannel Revolving Door Company. Collapsible revolving door.	836,843	Nov. 27	3884	829-30	125	1094
Van Law, Carlos W., Guanajuata, Mexico. Apparatus for treating slimes.	826,390	July 17	3426	710	123	897
Van Lengen, Herman, assignor to American Gig Saddle and Felt Company, Indianapolis, Ind. Gig-saddle.	832,351	Oct. 2	668	128	124	1373
Van Lennep, Cyril C. O., (See Aptekman and Van Lennep.)						
Van Meter, James M., assignor of one-half to F. W. Marson, Cambridge City, Ind. Fence anchor and driver.	808,704	Jan. 2	157	36	120	36
Van Natta, Erastus H., (See Pratt and Van Natta.)						
Van Ness, James E., Chicago, Ill. Vaporizer.	830,626	Sept. 11	1483	307	124	398
Van Nostrand, George L., Denver, Colo. Combination-indicator.	833,098	Oct. 9	2154	453	124	1773
Van Nouthuys, Edwin C., Rensselaer, assignor to E. B. Toedt, Albany, N. Y. Coal-conveyer.	833,141	Oct. 9	2243	473	124	1798
Van Nuis, Charles S., New Brunswick, N. J. Electric switch.	825,091	July 3	800	166	123	213
Van Oordt, Gabriel. (See Haber, Van Oordt, and Bran.)						
Van Oosterwyck, Jean B., Brussels, Belgium. Steam-generator.	836,287	Nov. 20	2764	587	125	786
Van Orden Corset Company. (See Van Orden, John M., assignor.)						
Van Orden, John M., Cedar Grove, N. J., assignor to Van Orden Corset Company. Belt.	824,605	June 26	4720	1005	122	2917
Van Ormer, Herman, Hartford, Conn., assignor to Liberty Manufacturing Company, Pittsburg, Pa. Tube-cleaning apparatus.	833,703	Oct. 16	3417	728	124	2128
Van Ostram, Alva F., (See Kline, Harvey Z., assignor.)						
Van Patten, Frank, Davenport, Iowa. Shipping-crate.	820,896	May 15	3817	815	122	968
Van Pelt, Isaac N., Lamar, Mo. Cultivator.	818,492	Apr. 24	3861	831	121	2365
Van Riper, Anthony B., (See Frost and Van Riper.)						
Van Sant, George W., Bellevue, Ky. Ice-shaving machine.	816,281	Mar. 27	4650	987	121	1170
Van Seoyoc, Leroy, Gilbert Station, Iowa. Electrolytic apparatus.	813,844	Feb. 27	4645	1027	120	2644
Van Sickle, Nial. (See Kneeder, Van Sickle, Couch, and Hanson.)						
Van Slyck, Charles H., Philadelphia, Pa., assignor to General Electric Company. Electric time-switch.	832,761	Oct. 9	1492	300	124	1613
Van Steenkiste, Achille, Brussels, Belgium. Retting process for textile fibers.	816,622	Apr. 3	162	.....	121	1397
Van Syckle, Raymond E., (See Fournier, Frederick, assignor.)						
Van Tassel-Beck, Margaret, assignor of one-half to E. E. Bellamy, Cleveland, Ohio. Combined hot-water bag and syringe.	809,650	Jan. 9	2118	438	120	495
Van Tassel, John R., assignor to Standard Optical Company, Geneva, N. Y. Lens-mounting for eyeglasses.	808,888	Jan. 2	531	119	120	118
Van Tassel, John R., assignor to Standard Optical Company, Geneva, N. Y. Lens-mounting for eyeglasses.	833,493	Oct. 16	3005	638	124	2031
Van Tuyl, Thomas, assignor to O. S. Kelly Western Manufacturing Company, Iowa City, Iowa. Speed and spark regulating device for explosive-engines.	825,433	July 10	1529	316	123	416
Van Vleck, John, New York, N. Y., assignor, by mesne assignments, to Nernst Lamp Company, Pittsburg, Pa. Electric glow-lamp.	832,934	Oct. 9	1852	383-4	124	1697
Van Vliet, Charles W., Dennison, Iowa. Gearing.	830,865	Sept. 11	1959	411	124	525
Van Voast, Albert B., <i>et al.</i> (See Vincent, George P., assignor.)						
Van Voorhees, Anson. (See Houston, Burns, and Van Voorhees.)						
Van Voorhis, George S., assignor to Duplex Roller Bushing Company, Belfast, Me. Outlet connection for pulp-digesters.	832,935	Oct. 9	1855	384	124	1697
Van Wagenen, Anthony, Sioux City, Iowa. Telephone call-box.	832,562	Oct. 2	1079	217	124	1473
Van Wagenen, Anthony, Sioux City, Iowa. Automatic system of intercommunication.	833,429	Oct. 16	2861	605-7	124	2001
Van Wagenen, Anthony, Sioux City, Iowa. Automatic system of intercommunication.	836,904	Nov. 27	4027	861	125	1127
Van Wagoner Company. (See Van Wagoner and Pomeroy, assignors.)						
Van Wagoner, Cornelius S., and L. R. Pomeroy, assignors to Van Wagoner Company, Cleveland, Ohio. Spring-hinge.	837,009	Nov. 27	4243	903	125	1178
Van Westrum, Leonard S., Berlin, Germany. Composition of matter.	814,750	Mar. 13	1517	.....	121	392
Van Wezel, Joachim, <i>et al.</i> (See Loesser, William, assignor.)						
Van Wezel, Marcus, <i>et al.</i> (See Loesser, William, assignor.)						
Van Why, Joseph M., assignor of one-half to H. J. Wilson, Elmira, N. Y. Metallic railway-tie.	829,814	Aug. 28	4361	921	123	2865
Van Wie, Elmer E., Kenosha, Wis. Building-tube.	834,950	Nov. 6	143	28-9	125	40
Van Wie, Phillip S., (See Fick and Van Wie.)						
Van Winkle, Edward. (See Grimes, Thaddeus S., assignor.)						
Van Winkle, Edward, Jersey City, N. J. Cloth-guiding device.	821,906	May 29	5852	1244	122	1536
Van Wyck, Crittenden, San Francisco, Cal. Obtunding apparatus.	834,594	Oct. 30	5396	1145	124	2711
Van Wyck, Matthias M. V., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Control of apparatus governing the passage of cars or vehicles along a railway.	819,327	May 1	598	126	122	137
Van Wyck, Matthias V., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Control of apparatus governing the passage of cars or vehicles along a railway.	819,326	May 1	593	125-6	122	137
Van Zandt, Edwin G., St. Louis, Mo. Gas-heater.	838,596	Dec. 18	2632	567	125	2094
Vanatta, Lewis E., Iola, Kans. Machine for forming clay condensers.	832,177	Oct. 2	321	60	124	1291
Vanauken, Ira E., Twin Falls, Idaho. Combination-tool.	831,583	Sept. 25	3380	710	124	943
Vanbibber, William D., and B. T. Prigmore, Sweet Springs, Mo. Fork rack or support.	829,813	Aug. 28	4359	921	123	2864
Vance, Herman E., Columbus, Ohio. Slat for constructing fireproof blinds.	827,676	July 31	6201	1289	123	1628
Vance, Herman E., Columbus, Ohio. Slat for constructing fireproof blinds.	827,677	July 31	6202	1289	123	1628
Vance, Samuel J., Carthage, Mo. Filter.	834,776	Oct. 30	5782	1228	124	2809

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Vance, Walter E., Montezuma, Ga. Plow.....	838,480	Dec. 11	2404	522	125	1993
Vance, Walter N., Chicago, Ill., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Portable electric hoist.....	836,789	Nov. 27	3794	808	125	1072
Vandegriff, William B., Branchville, Ala. Combination ironing-table and step-ladder..	833,097	Oct. 9	2152	452-3	124	1773
Vanden Bosch, Martin E., <i>et al.</i> (See Rookus, John J., assignor.)						
Vandenburg, Albert. (See Laube, Godfried, assignor.)						
Vander Putten, John R. (See Thissen and Vander Putten.)						
Vanderbilt, Cornelius, New York, N. Y. Boiler.....	823,486	June 12	2533	531-5	122	2327
Vandergoot, William L., and N. P. J. Folen, Portland, Oreg. Bottle.....	837,159	Nov. 27	4542	963	125	1252
Vanderkloot Steel Piling Co. (See Hill, Truman, assignor.)						
Vanderkman, William, Willimantic, Conn. Bath-tub.....	824,454	June 26	4409	937	122	2847
Vandermark, John L., Chicago, Ill., assignor, by mesne assignments, to Ridgely Trimmer Company, Springfield, Ohio. Combined straight-edge and paper-cutter.....	821,681	May 29	5420	1154	122	1436
Vanderslice, George W., Coatesville, Pa. Valve for regenerative furnaces.....	835,923	Nov. 13	2033	433	125	552
Vanderveld, Anthony. (See Page and Vanderveld.)						
Vanderveld, Anthony, assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Article-support for wardrobes.....	825,362	July 10	1348	284-5	123	369
Vandervoert, Addison, Belleville, Ontario, Canada. Tire.....	838,824	Dec. 18	3065	660	125	2199
Vanderwulp, Pieter. (See Borland and Vanderwulp.)						
Vandeven, Frank, Grand Rapids, Mich. Paper-cutter.....	834,540	Oct. 30	5288	1124	124	2686
Vanes, Arthur B., Uitenhage, Cape Colony. Latch.....	815,493	Mar. 20	3038	634	121	770
Vanhorn, Charles F., <i>et al.</i> (See Ross, John F., assignor.)						
Vanness, John T., and H. R. O'Brian, Oxford, Ohio. Envelop sealing and stamping machine.....	815,494	Mar. 20	3041	635	121	770
Vannette, Jasper, Tiffin, Ohio. Sewing-machine.....	813,929	Feb. 27	4806	1061-2	120	2677
Vansant, Benjamin. (See Bennett, Dwight W., assignor.)						
Vansant, Francis E., Topeka, Kans. Holding and raising forms for building concrete tanks and buildings.....	828,076	Aug. 7	780	161	123	1864
Varannes, Marius L., and A. R. de Vains, St. Vincent de Blanzat, near Cèbazat, France. Manufacture of paper-pulp.....	818,206	Apr. 17	3310		121	2195
Vare, Thomas W., Philadelphia, Pa. Vise.....	813,260	Feb. 20	3465	764	120	2329
Vareille, Karl J., Levallois-Perret, France. Apparatus for the electrolysis of water..	823,650	June 19	2878	608-9	123	2463
Varina, Nicholas B. (See Crowell and Varina.)						
Varley, Richard, Englewood, N. J., assignor, by mesne assignments, to Autocoil Co. Circuit-controller.....	808,957	Jan. 2	678	147-8	120	150
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Spark-ignition system for explosive-engines.....	808,958	Jan. 2	680	148	120	151
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Induction-coil vibrator.....	809,235	Jan. 2	1230	254	120	270
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Automatic circuit-controller.....	837,597	Dec. 4	642	148	125	1513
Varley, Thomas W., assignor of one-half to W. S. Rugg, New York, N. Y. Electrical measuring instrument.....	810,235	Jan. 16	3287	680-1	120	801
Varley, William J., Englewood, N. J. Apparatus for drafting and measuring angles.....	831,314	Sept. 18	2854	605	124	773
Varnedoe, Robert M., assignor of one-half to H. C. Houston, Thomasville, Ga. Combination-tool for fishermen's use.....	838,920	Dec. 18	3230	698	125	2237
Varnell, C. H., <i>et al.</i> (See Stevens, Calvin M., assignor.)						
Varney, Gordon E. (See Cheyne, Frederick H., assignor.)						
Vartanian, Manoog G., Providence, R. I. Broiling apparatus.....	839,236	Dec. 25	3883	835	125	2445
Vasey, Eugene M. (See Rothwell, William R., assignor.)						
Vasseux, Auguste, Hal, Belgium. Making fertilizers.....	835,692	Nov. 13	1600		125	446
Vath, Frank A., Chicago, Ill. Thermostat for journal-bearings, &c.....	839,340	Dec. 25	4080	876	125	2494
Vathis, Solon, Paris, France. Producing multicolored photographic proofs.....	809,651	Jan. 9	2118		120	496
Vaughan, Archie M., Richmond, Va. Frame for filter-papers.....	832,936	Oct. 9	1856	384	124	1698
Vaughan, Bernard G., assignor of two-thirds to F. Bennett and L. A. Sherwood, Joliet, Ill. Match-making machinery.....	816,623	Apr. 3	164	33-4	121	1397
Vaughan, David F., Haddonfield, N. J. Tie-plate.....	823,826	June 19	3197	676	122	2532
Vaughan, David F., Haddonfield, N. J. Tie-plate.....	823,827	June 19	3199	676	122	2533
Vaughan, David F., Haddonfield, N. J. Means for securing rails.....	823,828	June 19	3201	676-7	122	2533
Vaughan, David L., Haddonfield, N. J. Railway-spike.....	815,766	Mar. 20	3614	759	121	894
Vaughan, Edwin W., Worcester, Mass. Curtain-rod.....	828,586	Aug. 14	1801	379	123	2147
Vaughan, Eliza. (See Vaughan, John, assignor.)						
Vaughan, Frederick P. (See Fluke and Vaughan.)						
Vaughan, Henry H., Cleveland, Ohio, assignor to Railroad Supply Company, Chicago, Ill. Magazine-holder for milling-cutters.....	819,961	May 8	1882	415-16	122	481
Vaughan, Henry H., Cleveland, Ohio, assignor to Railroad Supply Company, Chicago, Ill. Machine for manufacturing channel-pins.....	821,556	May 22	5151	1099	122	1321
Vaughan, James D., Zwolle, La. Log-hook.....	810,826	Jan. 23	4492	934	120	1102
Vaughan, John, assignor to E. Vaughan, Philadelphia, Pa. Stitch-transferring device for knitting-machines.....	836,058	Nov. 13	2255	482-3	125	605
Vaughan, Thomas, Everett, Mass. Show-case or show-window.....	824,964	July 3	583	116	123	155
Vaughan, William T., <i>et al.</i> (See Appleton, Wallace N., assignor.)						
Vaughn, Charles C., assignor, by mesne assignments, to G. X. Wendling, San Francisco, Cal. Bed warmer or cooler.....	822,167	May 29	6358	1351	122	1651
Vaughn, Edward H. (See Jenkins and Thackwell, assignors.)						
Vaughn, Emma L., assignor to G. X. Wendling, San Francisco, Cal. Electrical heater.....	812,965	Feb. 20	2895	638	120	2206
Vaughn, Frank M., Curtin, W. Va. Rail-joint.....	833,494	Oct. 16	3007	638	124	2032
Vaughn, George E. (See Martin, Louis A., assignor.)						
Vaughn, Henry C., assignor of one-half to L. N. Barton, Jefferson City, Mo. Oil-cup.....	823,978	June 19	3492	746	122	2596
Vaughn, James A., Chanute, Kans. Stay-plate for coats.....	823,746	June 19	3042	644	122	2496
Vaughn, John W., Noroton Heights, Conn. Acetylene-generator.....	815,390	Mar. 20	2854	593	121	728
Vaughn, Ralph B., Kingston, Pa. Motor-vehicle running-gear.....	816,282	Mar. 27	4652	987	121	1170
Vaughn, Wilbur J., <i>et al.</i> (See Peden, Joseph W., assignor.)						
Vaughn, William H., Baden, Pa. Rotary engine.....	827,582	July 31	5978	1240-2	123	1568
Vaught, James C. H., Lead, S. D. Automatic safety attachment for stamp-mills.....	810,006	Jan. 16	2799	578	120	699
Vaught, Joseph K., assignor of one-half to W. M. Vaught, Elizabethton, Tenn. Car-coupling.....	811,459	Jan. 30	5745	1203	120	1405
Vaught, William M. (See Vaught, Joseph K., assignor.)						
Vautin, Claude, London, England. Production of fused metals and alloys from oxides, &c.....	837,160	Nov. 27	4543		125	1253
Vasey, William E., Lewes, Del. Signaling apparatus.....	832,762	Oct. 9	1494	301	124	1613
Veatch, Everett F., Palco, Kans. Automatic wagon-brake.....	809,151	Jan. 2	1045	216	120	229
Veazie, Henry A., New Orleans, La. Vaporizer.....	821,004	May 22	4065	865	122	1084
Veech, Robert E. (See Parsons, Louis R., assignor.)						
Veeder, Curtis H., Hartford, Conn. Tachometer.....	826,630	July 24	3994	826-7	123	1062
Veeder, Curtis H., Hartford, Conn. Driving mechanism for odometers, &c.....	833,355	Oct. 16	2702	569-70	124	1962
Veefkind, Henry B., Manchester, Va. Fertilizer-distributor.....	839,341	Dec. 25	4081	876	125	2494

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Veen, Edward S. (See Denton and Veen.)						
Vehicle Apron & Hood Company. (See Brock and Schaffer, assignors.)						
Veit, J. (See Weeks, Edward J., assignor.)						
Veit, Josef, New York, N. Y. Blotting-pad.	827,832	Aug. 7	282	58	123	1741
Veit, Joseph W., Wapakoneta, Ohio. Fence.	818,493	Apr. 24	3863	831	121	2365
Veitch, Frederick J., New York, N. Y. Hanger-support for tanks, basins, and the like.	818,587	Apr. 24	4070	874	121	2409
Veitch, George, Herkimer, N. Y. Lock.	827,583	July 31	5983	1242	123	1568
Veith, Friedrich, Höchst-in-the-Odenwald, Germany. Pneumatic tire.	811,109	Jan. 30	5063	1059	120	1260
Velasco, John, assignor to Wilkinson Sword Company, Limited, London, England. Razor-stropping device.	825,947	July 17	2585	537	123	690
Velle Carriage Company. (See Connell, David W., assignor.)						
Velleman, Abraham. (See Friedenber, Louis, assignor.)						
Velleman, Abraham, New York, N. Y. Wire-frame machine.	830,264	Sept. 4	743	152-3	124	187
Velleman, Abraham, New York, N. Y. Wire-frame machine.	830,265	Sept. 4	747	153	124	188
Vellumoid Paper Co. (See Goessmann, Charles I., assignor.)						
Vellumoid Paper Company. (See Spaulding, Waldo, assignor.)						
Velschow, Asger, Oakland, Cal. Inhaling apparatus.	814,484	Mar. 6	981	201	121	214
Velten, Wilhelm L., Kornthal, Germany. Stone-crusher.	838,921	Dec. 18	3231	698	125	2237
Venable, William M., New York, N. Y. Garbage-crematory.	830,027	Sept. 4	231	44	124	57
Venable, William M., New York, N. Y. Siphon.	830,028	Sept. 4	233	45	124	58
Venator, Jean, Cassel, Germany. Compound engine.	810,589	Jan. 23	4063	836	120	1007
Vencedora Mine Equipment Company. (See Partridge, Allen R., assignor.)						
Vendig, Isaac H., Philadelphia, Pa. Coupon-bottle.	823,008	June 12	1549	322	122	2114
Venners, James H., Brooklyn, N. Y. Water-pressure injector.	828,154	Aug. 7	915	188	123	1895
Veon, Andrew E., Brainerd, Minn. Folding ax.	817,889	Apr. 17	2674	582	121	2054
Ver Heul, Henry, Pella, Iowa. Shield for cultivators.	825,684	July 10	2094	437	123	558
Vera, Angel and L. G., Queretaro, Mexico. Relay.	813,184	Feb. 20	3324	731	120	2300
Vera Chemical Company. (See Kniffler, Bruno, assignor.)						
Vera, Luis G. (See Vera, Angel and L. G.)						
Verdol, Jules, Lyon, France. Jacquard-machine for looms.	812,246	Feb. 13	1483	324	120	1863
Vereinigte Maschinenfabrik Augsburg und Maschinenbau-Gesellschaft Nurnberg A.-G. (See Richter, Hans, assignor.)						
Vermeech, Julien, Schaerbeek, Belgium. Manufacturing textile fibers or artificial silk.	836,620	Nov. 20	3393		125	933
Vermehren, Johannes, Hellerup, assignor to Aktieselskabet Vermehrens Regnemaskiner, Copenhagen, Denmark. Calculating-machine.	825,363	July 10	1349	285	123	370
Vermillion, Jesse L., et al. (See Louiso and Hensley, assignors.)						
Verneuil, Edward B., Batson, Tex. Railway-rail joint.	808,705	Jan. 2	158	37	120	36
Vernon, Edwin E., et al. (See Harrigan, Edward, assignor.)						
Vernon, Frederick R., Freeport, N. Y. Box.	811,676	Feb. 6	277	62	120	1546
Vernon, John M. (See Benoit, Frederick, assignor.)						
Vernon, Katy, Logansport, Ind. Skirt.	838,922	Dec. 18	3232	698	125	2238
Vernon, Miles, New York, N. Y. Combination desk-pad and clip for holding papers.	839,052	Dec. 18	3470	749	125	2298
Vernsten, Swan J., Chicago, Ill., assignor to C. F. Wigand, Stapleton, Staten Island, N. Y. Grain-drier.	837,010	Nov. 27	4246	904	125	1179
Verona Tool Works. (See Richardson, Andrew T., assignor.)						
Verona Tool Works. (See Woodings, Emanuel, assignor.)						
Verrall, Sackett H. (See Colvin, Charles M., assignor.)						
Verret, Nicholas J., and J. Palmer, Newport, assignors to Domestic Gas Machine Company, Little Rock, Ark. Carbureter.	818,207	Apr. 17	3311	707-8	121	2195
Verrill, Calvin M., Oakland, Cal. Fishing-reel.	833,430	Oct. 16	2868	607	124	2002
Versteeg, Chester, Ashton, S. D. Indicator.	831,911	Sept. 25	4078	850	124	1124
Vesperman, Henry, Steubenville, Ohio. Rake.	820,449	May 15	2887	628	122	764
Vestal, Oscar E., Pittsburg, Pa. Shock-absorber.	823,829	June 19	3203	677	122	2534
Vestal, William B., Dallas, Tex. Churn-dasher.	819,099	May 1	131	28	122	33
Vester, Gustave J., Providence, R. I. Salt-shaker.	822,638	June 5	824	168	122	1909
Vetter, August G., Rochester, N. Y., assignor to Vetter Desk Works. Filing-tray for card-indexes, &c.	813,679	Feb. 27	4311	949	120	2572
Vetter Desk Works. (See Vetter, August G., assignor.)						
Vetter, Rudolph C., Syracuse, N. Y. Type-making machine.	834,777	Oct. 30	5784	1228-9	124	2809
Veyon, Samuel, East Palestine, Ohio. Brick.	839,792	Dec. 25	5001	1068	125	2718
Vezie, Eugene, et al. (See Greene, Jacob R., Jr., assignor.)						
Vial, Frederick K., La Grange, Ill. Sand-blast mechanism.	839,342	Dec. 25	4082	876-7	125	2494
Viall, Jennie E. (See Viall, Job, assignor.)						
Viall, Job, assignor to J. E. Viall, Schaghticoke, N. Y. Agricultural fork.	834,951	Nov. 6	144	29	125	40
Vicars, John, Jr. (See Vicars, Thomas and J., Jr.)						
Vicars, John, Sr., T., and John, Jr., Earlestown, England. Mechanical stoking appliance.	819,476	May 1	881	192	122	197
Vicars, Thomas. (See Vicars, John, Sr., T., and John, Jr.)						
Vicars, Thomas and J., Jr., Earlestown, England. Sprinkling granular substances on dough in biscuit-cutting machines.	813,680	Feb. 27	4314	949-50	120	2572
Vicars, Thomas and J., Jr., Earlestown, England. Biscuit stamping and cutting machine.	814,485	Mar. 6	982	201	121	214
Vicars, Thomas and J., Jr., Earlestown, England. Biscuit stamping and cutting machine.	814,486	Mar. 6	983	202	121	214
Vick, Rollo M. (See Ellett and Vick.)						
Vickerman, Isaac A., Preston, Minn. Building-block.	819,100	May 1	132	28	122	34
Vickers Sons & Maxim. (See Dawson and Buckham, assignors.)						
Vickers Sons & Maxim. (See Dawson and Horne, assignors.)						
Vickery, Frank E., Jewell, assignor of one-half to W. L. Frizzell, Davenport, Iowa. Martingale and connection.	809,868	Jan. 9	2508	521	120	585
Vickery, Frank M., Boston, Mass. Spring shade-roller.	823,452	June 12	2452	518	122	2309
Vickrey, Elmer, Green Oak, Ill. Hydrocarbon-burner and torch attachment.	825,015	July 3	672	135	123	176
Victor, Alexander F., Elmira, N. Y., assignor to White Lily Washer Company, Davenport, Iowa. Mechanical movement.	830,752	Sept. 11	1766	364	124	475
Victor Electric Company. (See Wantz, Julius B., assignor.)						
Victor Manufacturing Company. (See Williams, James P., assignor.)						
Victor Safe & Lock Co. (See Blechschmidt, Charles E., assignor.)						
Victor Talking Machine Company. (See Dennison, Wilburn N., assignor.)						
Victor Talking Machine Company. (See Douglass, Leon F., assignor.)						
Victor Talking Machine Company. (See English, John C., assignor.)						
Victor Talking Machine Company. (See Johnson, Eldridge R., assignor.)						
Victor Talking Machine Company. (See Rinehart, Bentley L., assignor.)						
Victor Talking Machine Company. (See Valiquet, Louis P., assignor.)						
Victory, Patrick E., Manville, R. I. Loom.	821,600	May 22	5235	1116-17	122	1340
Vidal, Juan B., Havana, Cuba. Writing-machine.	827,584	July 31	5984	1242-3	123	1569
Viebrock, William L., Lime Spring, Iowa. Draft-equalizer.	819,256	May 1	438	92	122	102
Vietor, Alwin, Wiesbaden, and C. Husham, Osnabruck, Germany. Rolled girder.	831,755	Sept. 25	3738	782	124	1039
Villedrouin, St. Charles, Jeremie, Haiti. Dumb-bell and Indian club.	808,706	Jan. 2	160	37	120	37
Villedrouin, St. Charles, Jeremie, Haiti. Bottle-stopper.	830,544	Sept. 11	1317	272	124	354

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Villmow, John A. H., Milwaukee, Wis. Trunk.....	817,351	Apr. 10	1589	336	121	1768
Villy, Gustave H., Manchester, England, assignor to United States Horn Company, New York, N. Y. Horn for phonographs, ear-trumpets, &c. (Reissue).....	12,442	Jan. 30	5888	1235	120	1435
Vincent, Gaius, assignor of one-half to H. Woollett, Minneapolis, Minn. Lawn-edger.....	813,539	Feb. 27	4044	886	120	2515
Vincent, George P., assignor of three-fourths to H. Wagner, A. B. Van Voast, and M. F. Vincent, Schenectady, N. Y. Valve-indicator.....	819,185	May 1	288	62	122	72
Vincent, James B., Flatbush, N. Y. Sash-lock.....	821,842	May 29	5739	1222	122	1510
Vincent, John M., Girard, Kans. Foot-operated door-opener.....	831,584	Sept. 25	3381	710	124	943
Vincent, John T. (See Jones and Vincent.)						
Vincent, M. Frankie, <i>et al.</i> (See Vincent, George P., assignor.)						
Vincent, Mayhew A. (See Wood, George W., assignor.)						
Vincent, Stella L. (See Parkes and Vincent.)						
Vining, George H., assignor to Vining's News Bureau, Kansas City, Mo. Means for producing folding matrices.....	813,261	Feb. 20	3466	765	120	2329
Vining's News Bureau. (See Vining, George H., assignor.)						
Vinson, Eva B., and B. F. Robinson, Newark, N. J. Game apparatus.....	808,959	Jan. 2	683	148	120	151
Vinton, John H., Boston, assignor to L. C. Smith, Winthrop, Mass. Pipe-wrench.....	810,096	Jan. 16	2997	624	120	744
Viola, Bartholomew, Brooklyn, N. Y. Vehicle-brake.....	809,341	Jan. 9	1470	297-8	120	359
Violet, William H., Meeker, Colo. Attachment for elastic tires.....	832,514	Oct. 2	985	198	124	1449
Virtue, William W., Sydney, New South Wales, Australia. Sheep-shearing machine.....	833,099	Oct. 9	2156	453	124	1773
Viser, William M., Harrodsburg, Ky. Flour-sifter.....	810,894	Jan. 23	4645	968	120	1133
Visger, Joseph S., Montreal, Quebec, Canada. Head-rest for beds.....	839,237	Dec. 25	3884	835	125	2445
Vissing, William C. A., Jr., Salt Lake City, Utah. Closet-tank.....	815,661	Mar. 20	3367	704-5	121	842
Vittenet, Henri E. A., Auree sur Loire, France. Apparatus for the manufacture of artificial silk.....	828,155	Aug. 7	916	188	123	1895
Vives-Navarro, Carlos, Ponce, Porto Rico. Thill-coupling.....	809,079	Jan. 2	912	191	120	202
Vivian, Mark, Chiswick, London, England. Non-slipping tire.....	830,467	Sept. 4	1146	240	124	282
Vladutz, Vaslie, Munhall, Pa. Street-car fender.....	839,793	Dec. 25	5002	1068	125	2718
Voege, Friedrich, Lucerne, Switzerland. Album and case therefor.....	836,418	Nov. 20	3021	640	125	845
Voelker, Christopher, Helena, Mont. Leaching-tank.....	834,088	Oct. 23	4389	933	124	2411
Voelkle, George W., Collinsville, Tex. Carpet-fastening.....	813,845	Feb. 27	4646	1027-8	120	2644
Voelkel, Charles W., Port Richmond, N. Y. Bottle-stopper.....	820,836	May 15	3678	784	122	938
Vogel, Betty. (See Vogel, William, assignor.)						
Vogel & Brothers, William. (See Sherwood, William I., assignor.)						
Vogel, Ernest H., New York, N. Y. Elevator.....	819,257	May 1	440	92-3	122	103
Vogel, Eugene W., assignor to Railroad Supply Company, Chicago, Ill. Channel-pin.....	822,168	May 29	6359	1351	122	1651
Vogel, Eugene W., Chicago, Ill., assignor, by mesne assignments, to Railroad Supply Company. Electrical signal-circuit.....	828,691	Aug. 14	2001	423	123	2197
Vogel, Eugene W., Chicago, Ill., assignor, by mesne assignments, to Railroad Supply Company. Electric crossing-signal for railways.....	828,788	Aug. 14	2191	464-5	123	2244
Vogel, Frederick, Farmington, Ill. Railway-switch.....	813,754	Feb. 27	4447	982-3	120	2600
Vogel, Frederick M., Lynn, Mass., assignor to General Electric Company. Armature.....	825,252	July 3	1116	237	123	291
Vogel, Frederick M., Lynn, Mass., assignor to General Electric Company. Electric heater.....	835,841	Nov. 13	1887	399	125	519
Vogel, Frederick M., Lynn, Mass., assignor to General Electric Company. Heating device.....	839,343	Dec. 25	4086	878	125	2495
Vogel, Henry F., assignor to St. Louis Car Company, St. Louis, Mo. Railway-car.....	822,639	June 5	825	168	122	1909
Vogel, Henry F., assignor to St. Louis Car Company, St. Louis, Mo. Passenger-car.....	824,393	June 26	4277	911	122	2820
Vogel, Magnus M., and W. J. Meyer, Allegheny, Pa. Electric thermostat.....	839,794	Dec. 25	5004	1068	125	2719
Vogel, Otto, Berlin, Germany, assignor to S. L. Goldman, London, England. Bottle or similar washing apparatus.....	821,005	May 22	4067	865-6	122	1085
Vogel, Paul F., St. Louis, Mo., assignor of one-half to W. W. Calmore, Philadelphia, Pa. Aging dyed fabrics.....	810,312	Jan. 16	3456	714	120	838
Vogel, William, assignor to B. Vogel, New York, N. Y. Grade-gage.....	828,986	Aug. 21	2593	547	123	2377
Vogel, William C., and H. K. Snell, Newcastle, Ind. Piano-action.....	812,705	Feb. 13	2375	520	120	2047
Voigt, Peter A., Hanover, Germany. Shorthand type-writing machine.....	833,431	Oct. 16	2869	607-8	124	2002
Vogler, William, Somerville, Mass. Instep-support or arch-prop.....	826,631	July 24	3996	827	123	1062
Vogt, Adolf, Tulse Hill, England. Steam-turbine.....	825,364	July 10	1352	285	123	370
Vogt, Albert E., <i>et al.</i> (See Schwarzschild, Solomon, assignor.)						
Vogt, Albrecht, <i>et al.</i> (See Schwarzschild, Solomon, assignor.)						
Vogt, Heinrich, Leopoldshöhe, Germany. Machine for making igniting-blocks.....	832,281	Oct. 2	533	101	124	1342
Vogt, Joseph, New York, N. Y., assignor to Paperhangers Machine Company. Machine for trimming and pasting wall-paper.....	834,087	Oct. 23	4385	932-3	124	2410
Vogt, Theodore, Grandview, and M. Hebig, Jersey City Heights, N. J. Detachable clamp for gas-tubing or the like.....	817,285	Apr. 10	1470	308	121	1741
Voight, Henry G. (See Caley and Voight.)						
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	809,342	Jan. 9	1472	298	120	360
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	812,904	Feb. 20	2762	608	120	2177
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	812,905	Feb. 20	2764	608	120	2177
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch mechanism.....	827,335	July 31	5410	1124-5	123	1429
Voight, Henry G., assignor to Russell & Erwin Manufacturing Co., New Britain, Conn. Latch mechanism.....	829,745	Aug. 28	4213	892	123	2827
Voight, Henry G., assignor to Russell & Erwin Mfg. Co., New Britain, Conn. Lock.....	830,117	Sept. 4	440	89	124	111
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	830,118	Sept. 4	442	89	124	112
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock mechanism.....	830,545	Sept. 11	1318	272	124	355
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch mechanism.....	833,266	Oct. 16	2521	526	124	1914
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch mechanism with automatic detent.....	833,267	Oct. 16	2522	527	124	1915
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock mechanism.....	836,288	Nov. 20	2766	587-8	125	786
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	836,289	Nov. 20	2769	588	125	787
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	837,011	Nov. 27	4248	904	125	1180
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.....	837,360	Dec. 4	168	40	125	1398
Voight, Lewis, Boulder, Colo. Draft attachment for vehicles.....	837,012	Nov. 27	4249	904	125	1180
Voigt, Frank, Grand Junction, Colo. Changing wood.....	839,680	Dec. 25	4771	1020	125	2661
Voigt, George F., Jeffersonville, Ind. Hydrant.....	832,937	Oct. 9	1858	385	124	1698

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Voigt and Haeffner Aktiengesellschaft. (See Schneider, Friedrich W., assignor.)						
Voigt, Herman, Sr., Winona, Minn. Baby-walker	839,681	Dec. 25	4772	1020	125	2661
Voigtlander, Maximilian G., assignor of two-thirds to O. W. Grubbs, Harrison, Ohio, and A. L. Weeks, Harrison, Ind. Signal system for railways.	833,765	Oct. 23	3532	753-4	124	2204
Voigtmann and Company. (See Heardt, William A., assignor.)						
Voigtmann, Frank. (See Pomeroy, Silas H., assignor.)						
Voith, J. M. (See Schmitthenner, Carlos, assignor.)						
Voland, Francisque, Villeurbanne, L. Diederichs, Jallieu, and J. B. Monnet, Bourgoin, France. Loom.	811,597	Feb. 6	123	27	120	1512
Vold, Lars H., Westville, N. J., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Swivel-punch holder	826,130	July 17	2943	611	123	781
Vold, Lars H., Westville, N. J., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Multiple punch.	833,811	Oct. 23	3637	778-80	124	2228
Volk, C. J., et al. (See Stocking, Harry W., assignor.)						
Volk, Ferdinand, Pittsburg, Pa. Attachment for electric controllers.	811,340	Jan. 30	5541	1156	120	1363
Volk, Karl, Dusseldorf, Germany. Gun having recoil-barrel and adjustable brake.	813,846	Feb. 27	4647	1028	120	2644
Volk, William, Perryssville, Ind. Belt-replacer. (Reissue)	12,503	July 10	2466	514	123	647
Volkert, Ferdinand N., Chicago, Ill. Paper-binder	827,896	Aug. 7	395	84	123	1768
Volkmar, Bernhard, assignor to Acme Auto-Meter Company, New York, N. Y. Speed-indicator	816,691	Apr. 3	291	68	121	1424
Volkmar, Bernhard, assignor to Acme Auto-Meter Company, New York, N. Y. Odometer.	813,185	Feb. 20	3326	731	120	2300
Vollbehr, Otto H. F., Halensee, near Berlin, Germany. Micrographic microscope	813,846	Feb. 27	4647	1028	120	2644
Völler, Karl, Dusseldorf, Germany. Gun having recoil-barrel and adjustable brake	827,896	Aug. 7	395	84	123	1768
Völler, Karl, Dusseldorf, assignor to Rheinische Metallwaren-und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Automatic brake for tube recoil-guns	827,678	July 31	6203	1290	123	1628
Völler, Karl, Dusseldorf, assignor to Rheinische Metallwaren-und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Trigger mechanism for guns	818,801	Apr. 24	4526	967-8	121	2511
Völler, Karl, Dusseldorf, assignor to Rheinische Metallwaren-und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Trigger mechanism for guns	821,557	May 22	5154	1099-1100	122	1322
Vollery, Francis H., Mount Clemens, Mich. Therapeutic vibrator	828,987	Aug. 21	2595	547	123	2377
Vollmer, John, Rellinghausen, near Essen-on-the-Ruhr, and H. Herbaczowski, assignors to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Plastic gas-check for screw breech mechanisms.	819,186	May 1	291	62	122	73
Vollmer, Wilhelm, Winfield, N. Y. Machine for bending angle-irons	811,975	Feb. 6	886	195	120	1669
Volpo, Louis L., New York, N. Y. Clock striking mechanism	827,275	July 31	5291	1097	123	1400
Volunteer Disk Plow Company. (See Weeks, Samuel V., assignor.)						
Volz, John F., et al. (See Ruehs and Weiss, assignors.)						
Von, William L. (See Newell, Charles E., assignor.)						
Von Auw, Alwin, New York, N. Y. Bookbinder's gage.	809,411	Jan. 9	1638	337	120	393
Von Culin, Clayton, Wayland, N. Y. Cutting-gage for saw-tables	808,889	Jan. 2	534	119	120	118
Von der Linde, Richard, Crefeld, Germany. Machine for cutting and pressing canisters, &c	809,512	Jan. 9	1830	378	120	436
Von Pein, Edward J. (See Bockhoff and Von Pein.)						
Voorhees, Belmont M., assignor of one-fourth to S. E. Voorhees, Rushville, N. Y. Harrow attachment.	828,988	Aug. 21	2597	547-8	123	2378
Voorhees, Gardner T., Boston, Mass. Air and liquid cooling apparatus	813,066	Feb. 20	3094	678	120	2251
Voorhees, John J., Jersey City, N. J. Fabric belt for conveyers	814,416	Mar. 6	860	177	121	187
Voorhees, John J., Jersey City, N. J. Transferring embossed designs to rubber	825,565	July 10	1807	123	483	
Voorhees, Samuel H., Scranton, Pa. Awning-hood	827,483	July 31	5790	1201	123	1521
Voorhees, Stanley E. (See Voorhees, Belmont M., assignor.)						
Voorhies, Alexis, New Iberia, La. Portable canopy	811,460	Jan. 30	5747	1203	120	1405
Vorbach, John, Renwicktown, New Zealand. Potato-digger	815,051	Mar. 13	2106	444	121	515
Vorce, Firman E., Fresno, Cal. Adjustable hame-clip	815,767	Mar. 20	3615	759	121	894
Vorster, Bastiaan C. A., Amsterdam, Netherlands. Apparatus for damping and affixing adhesive stamps	810,236	Jan. 16	3289	681	120	801
Vorster, Bastiaan C. A., Amsterdam, Netherlands. Apparatus for gumming postage-stamps onto letters, &c	826,391	July 17	3430	711	123	898
Vorwerk, Carl, Barmen, Germany. Jacquard mechanism	814,337	Mar. 6	695	140	121	153
Vorburgh, John R., Johnstown, N. Y. Repair device for tires	823,089	June 12	1734	357	122	2153
Vose, Clifton, Brooklyn, N. Y. Weather-strip	814,893	Mar. 13	1778	372	121	446
Vose, Ruth L. (See Ayer, Albert E., assignor.)						
Voshardt, Herman F. (See Friedley, Albert, assignor.)						
Voshardt, Herman F. (See McLeod, John P., assignor.)						
Voss, Detlef C., Somerville, assignor to J. E. Bartlett, Chelsea, Mass. Garment-marker for laundries and the like	808,788	Jan. 2	335	72	120	75
Voss, Frederic. (See Hegbom, Marselius, assignor.)						
Voss, Frederick, Chicago, Ill. Metallic studding	808,789	Jan. 2	336	73	120	75
Voss, Friedrich, Burg, in Dithmarschen, Germany. Beer-glass tray	821,208	May 22	4459	949	122	1170
Voss, John, Woodburn, Oreg. Gear-cutter	836,545	Nov. 20	3265	695	125	904
Voss, Louis H., Detroit, Mich. Shoe	830,753	Sept. 11	1768	364	124	476
Voss, William H., Davenport, Iowa. Segmental rack	817,286	Apr. 10	1472	309	121	1742
Voss, William H., Davenport, Iowa. Mechanical movement	823,651	June 19	2881	609	122	2464
Voss, William H., Davenport, Iowa. Dasher or stirrer-head for washing-machines	827,336	July 31	5412	1125	123	1430
Voss, William H., Davenport, Iowa. Stave-tapering machine	833,565	Oct. 16	3131	665-6	124	2062
Vosskühler, Albert, Eggen, Germany. Machine for making sugar goods	834,034	Oct. 23	4263	904-5	124	2380
Voswinkel, Arnold, and R. Lauch, Berlin, Germany. Bromin-substituted tannin-urea derivative and making same	828,908	Aug. 21	2440	123	2339	
Votey, Edwin S., Summit, N. J., assignor to Aeolian Co., New York, N. Y. Pneumatically-actuated musical instrument	814,176	Mar. 6	338	69	121	74
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Musical-instrument support	819,962	May 8	1884	416	122	481
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Mechanical musical instrument	825,948	July 17	2587	537-8	123	691
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Tracker and associated parts for mechanical musical instruments	826,753	July 24	4224	877	123	1121
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Mechanical musical instrument	826,754	July 24	4226	877	123	1122
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Musical-instrument player	829,184	Aug. 21	3031	633-4	123	2491
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Music-roll-coupling device	829,185	Aug. 21	3034	635	123	2492
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Movable tracker for mechanical musical instruments	829,186	Aug. 21	3036	635	123	2492
Votey, Edwin S., assignor to Aeolian Company, New York, N. Y. Mechanical musical apparatus	824,049	June 19	3621	771	122	2623
Votey, Edwin S., assignor to Aeolian Company, New York, N. Y. Portable player for musical instruments	824,050	June 19	3625	772	122	2624
Votey, Edwin S., assignor to Aeolian Company, New York, N. Y. Music-roll-coupling device	832,641	Oct. 9	1257	253	124	1556

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & C.	Vol.	Page.
Voynow, Constantine B. (See Taylor and Voynow.)						
Voynow, Constantine B., and G. B. Taylor, Philadelphia, Pa. Crane structure for cars.	810,827	Jan. 23	4493	934-5	120	1102
Vraalstad, Edward J., assignor of one-half to Buffalo Pitts Company, Buffalo, N. Y. Grain-weigher	824,606	June 26	4721	1005	122	2917
Vraalstad, Edward J., assignor of one-half to Buffalo Pitts Company, Buffalo, N. Y. Grain-conveyor	827,049	July 24	4785	998-9	123	1258
Vraalstad, Edward J., and W. L. Doyle, assignors to Buffalo Pitts Company, Buffalo, N. Y. Hydrocarbon-furnace	825,779	July 10	2279	473	123	601
Vreeland, Aaron, Singac, N. J. Open double plumb-rule	815,570	Mar. 20	3186	669-70	121	801
Vreeland, Frederick K., Montclair, N. J., assignor to Wireless Telegraph Exploitation Company, New York, N. Y. Producing and utilizing undamped or sustained electrical oscillations	829,447	Aug. 28	3576	754-5	123	2670
Vreeland, Frederick K., Montclair, N. J., assignor to Wireless Telegraph Exploitation Company, New York, N. Y. Apparatus for the production and utilization of undamped or sustained electrical oscillations	829,934	Aug. 28	4626	973-4	123	2931
Vreeland, Isabella, administratrix. (See O'Brien, Anthony W.)						
Vreeland, Lucian M. (See Ellis and Vreeland.)						
Vroom, Oler P., assignor to Superior Hay Stacker Manufacturing Company, Linneus, Mo. Hay-stacker	819,187	May 1	292	62-3	122	73
Vsutecka, Frank, Protivin, Iowa. Hasp-fastener	831,122	Sept. 18	2483	524	124	680
Vuillemot, Eugene, Birch Run, Mich. Wrench	829,612	Aug. 28	3937	833	123	2760
Vuillemot, Eugene H. and H. E., Syracuse, N. Y. Kitchen utensil	818,063	Apr. 17	3014	652	121	2121
Vuillemot, Hermon E. (See Vuillemot, Eugene H. and H. E.)						
Vulpius, Herman, assignor of one-half to P. Mulock, Leadville, Colo. Rifling	835,482	Nov. 6	1201	259	125	302
Vurgason, Nathan A., Bartow, Fla. Eyeglass	839,344	Dec. 25	4089	878	125	2496
Yynne, Emma M. (See Clark, George P., assignor.)						
Yynne, Emma M. (See Monteagle, Robert C., assignor.)						
W. Canning & Co. (See Wood and Oaksford, assignors.)						
W. A. S. Benson and Company. (See Andrews, Frederick A., assignor.)						
W. D. Allen Manufacturing Company. (See Allen and Bowes, assignors.)						
W. F. Barnes Commercial Company <i>et al.</i> (See Casella, Secondo L., assignor.)						
W. F. & John Barnes Company. (See Barnes, Joseph P., assignor.)						
W. G. Armstrong, Whitworth and Company. (See Sodeau, William H., assignor.)						
W. G. McPherson Company. (See McPherson, William G., assignor.)						
W. H. Miner Company. (See Englehardt, Frank L., assignor.)						
W. H. Miner Company. (See Miner, William H., assignor.)						
W. H. Miner Company. (See Miner and O'Connor, assignors.)						
W. H. Miner Company. (See Mitchell, John R., assignor.)						
W. H. Miner Company. (See O'Connor, John F., assignor.)						
W. H. Miner Company. (See Townsend, Frederick B., assignor.)						
W. J. O'Leary & Company. (See O'Leary and Coonan, assignors.)						
W. L. Mason and Co. (See Dickson, James D., assignor.)						
W. & L. E. Gurley. (See Reichmann, Fritz, assignor.)						
Wabash Manufacturing Company. (See Howe, Rix, and Holden, assignors.)						
Wach, Edward F., Chicago, Ill. Soap-holder	828,258	Aug. 7	1097	231	123	1937
Wachter, Frederick, Jersey City, N. J. Chloroform-dropper	823,233	June 12	2051	426	122	2225
Wachter, Henry H., Melrose, Wis. Trace-carrier	837,013	Nov. 27	4251	905	125	1181
Wachter, Jacob W., and B. H. Prendergast, Lansdowne, Md., assignors of one-third to F. E. Richards, Washington, D. C. Combination keyless lock	813,992	Feb. 27	4927	1090	120	2701
Wachter, Wilhelm, Leipsic-Volkmarisdorf, Germany, assignor to M. Magdeburg, Zehlendorf, Prussia, Germany. Decorating glass surfaces and the like	829,131	Aug. 21	2908	611	123	2460
Wachtler, Rudolph. (See Butler, Ernest, assignor.)						
Wachtmann, Henry, Chicago, Ill. Bowling-table	839,440	Dec. 25	4285	916	125	2544
Wadagaki, Yasuzo, Azabu, Tokyo, Japan. Sectional water-tube boiler	827,585	July 31	5987	1243-4	123	1569
Waddell, Dock B., F. M. Giesey, and K. E. Glass, Senecaville, Ohio. Car-transmitting mechanism	829,815	Aug. 28	4364	921-2	123	2866
Waddell, John M., Alexandria, La. Saw-sharpening machine	823,830	June 19	3204	677-8	122	2534
Waddell, Montgomery. (See Zarbock, Ernst F., assignor.)						
Waddell, Montgomery, New York, N. Y., assignor to S. W. Pettit, Philadelphia, Pa. Spinning-head for forming filaments of viscose or similar material	823,009	June 12	1550	322	122	2115
Waddingham, J. H. (See Grannatt, Henry C., assignor.)						
Wade, Charles E., <i>et al.</i> (See Coleman, James M., assignor.)						
Wade, Edwin T., Magee, assignor of one-third to G. W. Johnson, Currie, Miss. Rein-support	828,444	Aug. 14	1512	318	123	2070
Wade, Edwin T., Magee, assignor of one-third to R. L. Nelson, Hattiesburg, Miss. Extension car-step	839,238	Dec. 25	3885	835	125	2445
Wade, Evan H., and J. L. Nicholson, assignors to American Locomotive Equipment Co., Chicago, Ill. Locomotive-boiler furnace	820,450	May 15	2888	628	122	764
Wade, Evan H., and J. L. Nicholson, assignors to American Locomotive Equipment Co., Chicago, Ill. Locomotive-furnace	820,451	May 15	2893	629	122	765
Wade, Fred M., assignor of one-half to Geo. E. Keith Company, Brockton, Mass. Inner-sole	826,975	July 24	4631	965	123	1221
Wade, George W. (See Eaves, Slaven, and Wade.)						
Wade, James J., Chicago, Ill. Drainage and sewer sanitary appliance	832,710	Oct. 9	1396	282	124	1589
Wade, James W. (See McVoy, Vincen P., assignor.)						
Wade, James W., <i>et al.</i> (See Miles, Joseph F., assignor.)						
Wade, John E., New York, N. Y. Car-coupling	816,951	Apr. 3	816	167	121	1539
Wade, Lawrence W., Tacoma, Wash. Detonating burglar-alarm	824,161	June 26	3823	815	122	2726
Wade, Thadious M., Lithopolis, Ohio. Milking-machine	822,640	June 5	826	169	122	1910
Wadleigh, William M., Chicago, Ill. Woven-wire fence	815,052	Mar. 13	2108	444	121	515
Wadsworth, Arthur J., assignor of one-half to F. W. Baxter, Washington, D. C. Key-board for monotype perforating-machines	835,993	Nov. 13	2143	460	125	577
Wadsworth, Chester J., Cleveland, Ohio. Extensible clothes-support	834,595	Oct. 30	5398	1145	124	2711
Wadsworth, Frank L. O., Morgantown, W. Va. Manufacture of glass	814,631	Mar. 6	1255	264	121	272
Wadsworth, Frank L. O., Morgantown, W. Va. Apparatus for shaping glass	827,679	July 31	6205	1290	123	1629
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Prism-glass	818,208	Apr. 17	3313	708	121	2196
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Apparatus for the manufacture of sheets of glass	818,209	Apr. 17	3314	708-9	121	2196
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Apparatus for the manufacture of glass sheets	818,210	Apr. 17	3316	709	121	2197
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Making prism-glass	827,484	July 31	5792	1202	123	1522
Wadsworth, George H., Cuyahoga Falls, Ohio, assignor to Falls Rivet and Machine Company. Power-hammer	831,912	Sept. 25	4080	851	124	1124

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Wadsworth Willard, assignor to W. B. Wadsworth, Plainfield, N. J. Temperature-regulating means.	808,707	Jan. 2	161	37	120	37
Wadsworth, Willard, assignor to W. B. Wadsworth, Plainfield, N. J. Means for controlling the level of liquids.	810,237	Jan. 16	3292	682	120	802
Wadsworth, William B. (See Haywood, Daniel H., assignor.)						
Wadsworth, William B. (See Saugstad, Olaf, assignor.)						
Wadsworth, William B. (See Wadsworth, Willard, assignor.)						
Waechter, Ferdinand F. (See Hetzel and Waechter.)						
Waechter, William B., Garfield, N. J., assignor to American Tracing Cloth Company, New York, N. Y. Tracing-cloth mangle.	824,455	June 26	4414	937-8	122	2849
Wagandt, Charles L., Baltimore, Md., assignor to National Enameling & Stamping Company. Damper.	821,209	May 22	4460	950	122	1170
Wagener, Heinrich W., Moscow, Russia. Steam-boiler.	821,558	May 22	5156	1100	122	1322
Wagenhals, William G., St. Louis, Mo. Steam-motor car.	830,940	Sept. 11	2090	441-2	124	554
Wagg, Solomon R., Appleton, Wis. Refining-engine.	818,494	Apr. 24	3864	831-2	121	2366
Wagg, Solomon R., Appleton, Wis. Fiber-treating engine.	829,746	Aug. 28	4214	893	123	2827
Waggner, Oscar P., Klamath Falls, Oreg. Lawn-sprinkler.	815,495	Mar. 20	3045	635	121	771
Waggoner, Charles, Akron, Ohio. Nail-coating machine.	837,161	Nov. 27	4545	964	125	1253
Waggoner, Charles T., Spartansburg, Pa. Rein-guard.	830,191	Sept. 4	580	118	124	147
Wagner, Albert, New York, N. Y. Fountain paint-brush.	816,765	Apr. 3	424	96	121	1452
Wagner, Albin, Oberplanitz, Germany. Watch.	815,989	Mar. 27	4061	860	121	1040
Wagner, Anton, Philadelphia, Pa. Lens-grinding machine.	839,345	Dec. 25	4091	879	125	2496
Wagner, Bernhard, Berlin, Germany. Preparing a mass for making briquets.	829,042	Aug. 21	2714	123	2409	
Wagner, Bernhard, Berlin, Germany. Apparatus for coking briquets.	829,448	Aug. 28	3588	755	123	2673
Wagner & Brand. (See Schmitt, Otto G. C., assignor.)						
Wagner, Bruno O., Swissvale, Pa. Electromagnetic switch-setting apparatus and electric-rail heater.	809,236	Jan. 2	1232	254-5	120	270
Wagner, Bruno O., Swissvale, Pa. Semaphore mechanism.	809,237	Jan. 2	1247	255	120	275
Wagner, Bruno O., El Paso, Tex. Combined system of electric signaling and switch-setting for railways.	818,133	Apr. 17	3151	679	121	2161
Wagner, Charles, New York, N. Y. Means for holding printing-plates.	828,512	Dec. 11	2459	534	125	2007
Wagner, Charles E., Cedar Rapids, Iowa. Vegetable-slicer.	839,239	Dec. 25	3886	835	125	2446
Wagner, Constantin, New York, N. Y. Testing device.	828,789	Aug. 14	2193	465	123	2246
Wagner, Edward C. (See Kleitz, Lambert, assignor.)						
Wagner, Franz X., assignor, by mesne assignments, to Underwood Typewriter Company, New York, N. Y. Type-writing machine. (Reissue.)	12,465	Mar. 27	5234	1110	121	1296
Wagner, Franz X., assignor, by mesne assignments, to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	819,963	May 8	1886	417-18	122	482
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	829,494	Aug. 28	3685	778	123	2698
Wagner, Friedrich J. R., Berlin, Germany, assignor, by mesne assignments, to General Electric Company. Automatic air-brake.	823,979	June 19	3493	746	122	2596
Wagner, George H., Cedar Falls, Iowa. Gage.	823,378	June 12	2315	485	122	2280
Wagner, George J., and P. H. Nelson, Pueblo, Colo. Dross-pan and furnace.	831,123	Sept. 18	2484	524	124	680
Wagner, Herman, <i>et al.</i> (See Vincent, George P., assignor.)						
Wagner, Jacob W., Garrett, and H. Shenk, Cedar, Ind. Bow-facing oar.	825,780	July 10	2280	474	123	602
Wagner, John, Portage, Wis. Heat-saving smoke-arrester.	822,409	June 5	346	71	122	1801
Wagner, John F. (See Crawford, Lundy O., assignor.)						
Wagner, John F., Tamaqua, Pa. Car-coupling.	819,388	May 1	719	152	122	163
Wagner, John F., and J. H. Weston, Tamaqua, Pa. Soldering-iron.	826,976	July 24	4633	965	123	1222
Wagner, Joseph C., Greensburg, Pa. Curtain-stretcher frame.	835,336	Nov. 6	925	196	125	233
Wagner Manufacturing Company. (See Olbrich, Henry E., assignor.)						
Wagner, Nial, <i>et al.</i> (See Dennis, Carey, assignor.)						
Wagner, Orville, and J. S. Lewis, Wabash, Ind. Show-window fixture.	823,747	June 19	3043	644	122	2496
Wagner, Richard J., assignor to Wagner Spring Bed Manufacturing Company, Holyoke, Mass. Couch-bed.	833,903	Oct. 23	3868	821	124	2289
Wagner, Robert C., Toledo, Ohio. Moving-picture apparatus.	811,341	Jan. 30	5544	1156-7	120	1363
Wagner Spring Bed Manufacturing Company. (See Wagner, Richard J., assignor.)						
Wagner, Theodore B., Chicago, Ill. Machine for molding lump-starch.	816,624	Apr. 3	166	34-5	121	1398
Wagner, Theodore B., Chicago, Ill. Manufacturing anhydrous grape-sugar.	835,145	Nov. 6	549	125	140	
Wagner, Wilhelm, Kreuznach, Germany. Cushion for hernia-trusses.	826,073	July 17	2836	588	123	756
Wagner, William F., assignor of four-fifths to M. R. Daly, W. Hart, Peru, J. H. Casey and H. F. Gutz, Noblesville, Ind. End-gate for wagons.	814,099	Mar. 6	195	39	121	43
Wagner, William J., East Bradford, Pa. Device for removing rings from wells.	814,338	Mar. 6	697	140	121	153
Wagner, William J., East Bradford, Pa. Trolley-pole head.	839,526	Dec. 25	4471	953	125	2589
Wagoner, Henry V., New York, N. Y. Leaf-holder.	821,142	May 22	4346	924	122	1146
Wagret, Paul, Escatpout, near Fresnes, France. Manufacture of bottles, flasks, and the like.	818,134	Apr. 17	3165	679	121	2165
Wagy, Benjamin R., Wichita, Kans. Wrench.	811,461	Jan. 30	5749	1204	120	1405
Wagy, William P. (See Marsh, Howard E., assignor.)						
Wahlquist, Axel W., Chicago, Ill. Finishing-machine for the use of cobblers.	835,586	Nov. 13	1413	303	125	401
Wahlstrom, Verner J. (See Burchard and Wahlstrom.)						
Waibel, Henry, Cleveland, Ohio. Cleansing and coating apparatus of and for the interior of casks.	833,356	Oct. 16	2704	570	124	1962
Waibl, Albert, Kiel, Germany. Water-gage.	830,029	Sept. 4	235	45	124	58
Wails, John G., Delta, Pa. Take-up device for overhead-cable railways.	812,621	Feb. 13	2223	484	120	2017
Wait, Arthur K., Roanoke, Va. Picture-slide controller for stereopticons.	828,790	Aug. 14	2194	465	123	2246
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	823,234	June 12	2053	426	122	2225
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic separator.	823,235	June 12	2055	427	122	2226
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,642	Oct. 9	1260	253-4	124	1557
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,823	Oct. 9	1623	333-4	124	1642
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,824	Oct. 9	1626	334-5	124	1643
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic separator.	832,825	Oct. 9	1630	335	124	1644
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,826	Oct. 9	1632	336	124	1644
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,827	Oct. 9	1635	336	124	1645
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,828	Oct. 9	1637	336-7	124	1645

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Draw.	Vol.	Page.
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic separator.	832,829	Oct. 9	1639	337	124	1646
Wait, Henry H., assignor to Western Electric Company, Chicago, Ill. Protective apparatus for compensator-dynamos.	830,812	Sept. 11	1864	388	124	500
Wait, Henry H., Chicago, and F. T. Snyder, Oak Park, Ill. Magnetic ore-separator.	832,822	Oct. 9	1621	333	124	1642
Wait, Henry H., Chicago, and F. T. Snyder, Oak Park, assignors to International Separator Company, Chicago, Ill. Magnetic ore-separator.	832,821	Oct. 9	1619	333	124	1642
Waite, Carrie A. (See Miner, Robert J., assignor.)						
Waite, Charles M., Brooklyn, N. Y. Candy-pulling machine.	830,468	Sept. 4	1146	241	124	283
Waite, Charles M., and C. F. Fralick, New York, N. Y. Cleat and socket.	811,186	Jan. 30	5238	1096	120	1297
Waite, Charles N., Lansdowne, assignor, by mesne assignments, to S. W. Pettit, Philadelphia, Pa. Manufacture of filaments and films from viscose.	816,404	Mar. 27	4941		121	1230
Waite, Edgar T., assignor to American Optical Company, Southbridge, Mass. Lens-drilling machine.	824,220	June 26	3940	844	122	2751
Waite, Edwin E., assignor to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Casting-machine.	818,927	Apr. 24	4753	1021-2	121	2559
Waite, Edwin E., Philadelphia, Pa., assignor, by mesne assignments, to M. E. Waite, Worcester, Mass. Molding-machine.	824,965	July 3	585	116-17	123	155
Waite, Edwin E., Philadelphia, Pa., assignor, by mesne assignments, to M. E. Waite, Worcester, Mass. Vibrator for molding-machines.	827,127	July 31	4969	1037	123	1316
Waite, Frank W., Springfield, Mass. Tool holding and adjusting device.	810,238	Jan. 16	3293	682	120	802
Waite, Henry E., Newton, Mass. Hand mail-marking machine.	811,976	Feb. 6	890	195	120	1670
Waite, Henry E., Newton, Mass. Self-feeding mail-marking machine.	822,791	June 5	1102	228-9	122	1970
Waite, Henry E., assignor to American Postal Machine Company, Boston, Mass. Letter-feeding mechanism.	826,203	July 17	3083	638-9	123	814
Waite, Mary E. (See Waite, Edwin E., assignor.)						
Waite, Benjamin F., trustee. (See Waite, George W., assignor.)						
Waite, George W., assignor to B. F. Waite, trustee, San Francisco, Cal. Pipe-wrench.	809,152	Jan. 2	1046	217	120	230
Wakefield, James, Cockermouth, England. Bleaching fibers.	809,869	Jan. 9	2509		120	585
Wakeley, William S., Harvard, Ill. Pipe-cutter.	824,764	July 3	141	26	123	40
Walberg, Nels, and F. J. McArthur, Aberdeen, S. D. Feeding attachment for threshers.	810,239	Jan. 16	3294	682-3	120	802
Walburn, Archibald E., Wichita, Iowa. Draft-equalizer.	837,985	Dec. 11	1405	306	125	1746
Walch, Robert H. (See Harrison, Amos, assignor.)						
Walcott, Orval. (See Stevens and Walcott.)						
Waldberg, Benjamin, Chicago, Ill. Fishing-tackle.	809,343	Jan. 9	1475	298	120	360
Walden, Charles H., Lynn, assignor of one-half to A. D. Locke, Newton, Mass. Welt innersole for welt boots and shoes and manufacturing the same.	830,941	Sept. 11	2094	442	124	556
Walden, Frederick E., Worcester, Mass. Suspension-bracket.	812,386	Feb. 13	1761	385	120	1925
Walden, Frederick E., Worcester, Mass. Belt-punch.	835,740	Nov. 13	1689	359	125	470
Walden, Frederick E., Worcester, assignor to Bay State Tool Company, Boston, Mass. Clamp.	823,748	June 19	3045	644	122	2497
Walden, Henry, Philadelphia, Pa. Buttonhole.	809,652	Jan. 9	2120	439	120	496
Walder, Emil, Philadelphia, Pa. Match box and lighter.	824,221	June 26	3942	844-5	122	2751
Waldo, Charles W., assignor to himself, A. E. Flint, Worcester, Mass., and H. W. Little, New York, N. Y. Garment-supporter.	818,064	Apr. 17	3015	652	121	2131
Waldo, Clarence A., La Fayette, Ind. Float.	831,637	Sept. 25	3505	735	124	975
Waldo, Clarence A., La Fayette, Ind. Hollow body.	831,638	Sept. 25	3509	735	124	977
Waldo, Clarence A., La Fayette, Ind. Hollow body.	831,639	Sept. 25	3510	735	124	977
Waldo, Leonard, Plainfield, N. J. Electric furnace.	833,357	Oct. 16	2706	571	124	1963
Waldron Company, John. (See Waldron, William H., assignor.)						
Waldron, Edward, Philadelphia, Pa., assignor to Waldron Flexible Rotary Engine Company, Camden, N. J. Compound rotary engine.	822,410	June 5	347	71-2	122	1801
Waldron, Edward, Philadelphia, Pa., assignor to Waldron Flexible Rotary Engine Company, Camden, N. J. Boring mechanism.	826,755	July 24	4227	878	123	1122
Waldron, Edward, Philadelphia, Pa., assignor to Waldron Flexible Rotary Engine Company, Camden, N. J. Coupling.	826,756	July 24	4229	878	123	1123
Waldron Flexible Rotary Engine Company. (See Waldron, Edward, assignor.)						
Waldron, Frederick A., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Combined door check and closer.	837,162	Nov. 27	4546	964-5	125	1254
Waldron, Ulysses S. G., Butler, Pa. Music-rack.	838,825	Dec. 18	3066	660	125	2200
Waldron, William H., New Brunswick, N. J. Oil-cloth-printing machine.	811,342	Jan. 30	5547	1157	120	1364
Waldron, William H., assignor to J. Waldron Company, New Brunswick, N. J. Adjusting device for printing blocks.	815,662	Mar. 20	3370	705	121	842
Waldschmidt, Henry, Benson, Ill. Lantern-holder.	826,294	July 17	3248	671	123	854
Valente, Louis, Tercio, Colo. Ventilator.	834,422	Oct. 30	5077	1078	124	2630
Wales, Charles, Detroit, Mich. Crank-arm sleeve-bearing.	814,751	Mar. 13	1518	321	121	392
Wales, Charles T., New Brunswick, N. J. Hoisting device.	829,187	Aug. 21	3038	635-6	123	2493
Wales, George R., Beverly, Mass. Wire fence.	833,358	Oct. 16	2707	571	124	1963
Wales, Robert, Dunedin, New Zealand. Coin-controlled machine.	830,546	Sept. 11	1321	272-3	124	355
Walker, Albert E., A., and G., Norwood Green, near Halifax, England. Thread-cutting device.	822,169	May 29	6361	1352	122	1651
Walker, Albert E., A., and G., Norwood Green, near Halifax, England. Weft-replenishing loom.	827,586	July 31	5989	1244-5	123	1570
Walker, Albert H., trustee. (See Ippers, John W., assignor.)						
Walker, Albert H., trustee. (See Reckard, Henry L., assignor.)						
Walker, Alexander, assignor to What Cheer Tool Company, What Cheer, Iowa. Drilling-machine.	813,335	Feb. 20	3629	796	120	2363
Walker, Alexander, assignor to What Cheer Tool Company, What Cheer, Iowa. Drilling-machine.	820,837	May 15	3679	785	122	938
Walker, Alexander, assignor to What Cheer Tool Co., What Cheer, Iowa. Drilling-machine.	838,923	Dec. 18	3233	699	125	2238
Walker, Alexander, assignor to What Cheer Tool Company, What Cheer, Iowa. Combined fuse cutter and splitter.	838,924	Dec. 18	3234	699	125	2238
Walker, Arthur. (See Walker, Albert E., A., and G.)						
Walker, Benjamin F., Bridgeport, Conn. Multiple-cylinder rotary explosive-engine.	835,337	Nov. 6	927	196-7	125	234
Walker, Benjamin F., Bridgeport, Conn. Rotary explosive-engine.	835,483	Nov. 6	1202	260	125	302
Walker, Cassius M., assignor to Walker-Moore Rock Drill Manufacturing and Supply Company, Pueblo, Colo. Rock-drilling machine.	823,980	June 19	3496	747	122	2597
Walker, Cassius M., assignor to Walker-Moore Rock Drill Manufacturing and Supply Company, Pueblo, Colo. Engine for rock-drilling machines.	826,456	July 17	3555	740	123	931
Walker, Charles, Chicago, Ill. Cream-separator.	815,239	Mar. 13	2498	520	121	603
Walker, Charles L., Harrow, England. Thermostatic circuit-closer.	834,952	Nov. 6	145	29	125	40
Walker, Charles W., Bridgeport, Conn., assignor to Yost Writing Machine Company, Ilion, N. Y. Type-writing machine.	823,010	June 12	1553	323-4	122	2115
Walker, Clara. (See Knott, Warren E., assignor.)						
Walker, Curtis N., Albia, Iowa. Self-spreading hog-gambrel.	827,196	July 31	5149	1069	123	1367

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Walker, Daniel G., Lindsay, Nebr. Meat-roaster.....	814,752	Mar. 13	1519	322	121	392
Walker, Daniel G., Lindsay, Nebr. Device for roasting meats and the like.....	833,566	Oct. 16	3135	666	124	2624
Walker, Earl C., New Albany, Ind., and E. C. Jacobson, Louisville, Ky. Dust-deflector.....	835,146	Nov. 6	551	112	125	140
Walker, Edwin. (See Head, Robert, assignor.)						
Walker, Edwin, Erie, Pa., assignor to Brunhoff Manufacturing Company, Cincinnati, Ohio. Cigar-tip cutter. (Reissue).....	12,487	May 22	5250	1119	122	1344
Walker, Eli M., assignor to Charles Parker Company, Meriden, Conn. Vise-slide.....	808,960	Jan. 2	685	149	120	152
Walker, Elmer A., Saratoga Springs, N. Y. Gage for cutter-heads.....	809,037	Jan. 2	810	175	120	179
Walker, Enos L. (See Eklund and Walker.)						
Walker, Enos L., St. Louis, Mo. Machine for making baskets.....	825,566	July 10	1809	382-5	123	484
Walker, F. L., et al. (See Byrd, Britton E., assignor.)						
Walker, George. (See Walker, Albert E., A., and G.)						
Walker, George, assignor to Landers, Frary and Clark, New Britain, Conn. Spring-seal.....	822,641	June 5	827	169	122	1910
Walker, George T., Washington, D. C. Converter.....	811,006	Jan. 30	4890	1019-20	120	1223
Walker, George W., Bushnell, Ill. Folding draft-tree.....	836,546	Nov. 20	3266	695	125	905
Walker, James A., Rockford, Ill. Portable house.....	831,810	Sept. 25	3838	804	124	1064
Walker, James G., Moro, Oreg. Self-feeding attachment for threshing-machines.....	811,007	Jan. 30	4892	1020	120	1223
Walker, James M., Augusta, Ga. Hanger for garments and other articles.....	830,813	Sept. 11	1866	389	124	501
Walker, James W., Greenfield, Ind. Pipe-puller.....	818,928	Apr. 24	4757	1023	121	2559
Walker, Jay B., assignor to Handbury Heater Company, Peoria, Ill. Hot-water boiler.....	823,981	June 19	3500	748	122	2597
Walker, John, et al. (See Osten, James H., assignor.)						
Walker, John, Brixton, London, England. Temporary binder.....	835,171	Nov. 6	595	122	125	151
Walker, John C., et al. (See Davis, Frank J., assignor.)						
Walker, John D., assignor to Pine Ridge New Idea Company, Pineridge, La. Trap.....	820,686	May 15	3354	718	122	864
Walker, John E., Kansas City, Mo. Blue-printing machine.....	826,632	July 24	3997	827	123	1063
Walker, John H., Lexington, Ky. Trolley.....	825,781	July 10	2282	474	123	602
Walker, Joseph, and B. M. Frederick, San Francisco, Cal. Animal-trap.....	815,663	Mar. 20	3371	705	121	842
Walker, Joseph, and B. M. Frederick, San Francisco, Cal. Trunk-protector.....	836,227	Nov. 20	2627	553	125	750
Walker, Louis A., Port Jefferson, N. Y. Hook.....	831,913	Sept. 25	4082	851	124	1125
Walker-Moore Rock Drill Manufacturing and Supply Company. (See Walker, Cassius M., assignor.)						
Walker, Robert, Newark, N. J. Mirror for surgical, dental, and like uses.....	811,806	Feb. 6	511	114	120	1595
Walker, Robert L., Brooklyn, N. Y. Smoke-consuming furnace.....	821,268	May 22	4573	972	122	1195
Walker, Sheridan A. (See Bennett and Walker.)						
Walker, Stephen W., Anson, Me. Sled-brake.....	837,438	Dec. 4	320	76	125	1436
Walker, Thomas H., Tumwater, assignor of one-fourth to P. H. Carlyon, Olympia, Wash. Excavating-machine.....	813,393	Feb. 20	3733	820	120	2384
Walker, Ward C., Battlereck, Mich. Hose-clamp.....	811,343	Jan. 30	5549	1158	120	1364
Walker, William B., New York, N. Y. Can, jar, &c.....	820,273	May 8	2541	551	122	629
Walker, William I., Council Bluffs, Iowa. Washing-machine.....	811,601	Feb. 6	129	28	120	1513
Walker, Willis, Sedalia, Colo. Harrow attachment for plows.....	837,986	Dec. 11	1405	306	125	1747
Wall, Liberty, Rockford, Ill. Air-brush.....	817,819	Apr. 17	2521	540	121	2022
Wall, Charles E., Philadelphia, Pa. Eyeglass-mounting.....	824,607	June 26	4722	1005	122	2917
Wall, John D., Minneapolis, Minn. Gage for finding the lengths, bevels, and cuts of building material.....	838,365	Dec. 11	2179	473-4	125	1939
Wall, John H., Bristol, R. I. Shoe-dipping machine.....	817,408	Apr. 10	1711	361	121	1793
Wall, John P. (See Lembeck, Arthur J. L., assignor.)						
Wall, Patrick, Allegheny, Pa. Oil-can bushing.....	832,282	Oct. 2	535	101	124	1342
Wall, Thomas H. (See Stockman, William H., assignor.)						
Wall, William J., Del Rio, Tex. Post-hole digger.....	835,994	Nov. 13	2146	460	125	578
Wallace, Alexander, Salt Lake City, Utah. Ironing-board.....	817,023	Apr. 3	953	196	121	1570
Wallace, Charles W., et al. (See Benford, Rezin B., assignor.)						
Wallace, Elmer D., Minneapolis, Minn. Attachment for harness-pegs.....	816,692	Apr. 3	294	68	121	1425
Wallace, Fred. (See Murphy, Barney, assignor.)						
Wallace, Fred O. (See Wood, William T., assignor.)						
Wallace, G. E., et al. (See House, James N., assignor.)						
Wallace, George L. (See Backus and Wallace.)						
Wallace, Halbert C., McPherson, Kans. Band-cutter and feeder.....	813,847	Feb. 27	4650	1028-9	120	2645
Wallace, Herbert A., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Control of apparatus governing the passage of cars or vehicles along a railway.....	830,119	Sept. 4	444	90	124	112
Wallace, Howes C., Salt Lake City, Utah. Street and station indicator.....	832,643	Oct. 9	1261	254	124	1557
Wallace, John W., Brooklyn, N. Y. Tank.....	814,753	Mar. 13	1520	322	121	392
Wallace, John W., and H. A. Keiner, New York, N. Y. Tank or can.....	816,625	Apr. 3	168	35	121	1398
Wallace, Joseph, et al. (See Jewett, Robert L., assignor.)						
Wallace, Robert, Castle Douglas, Scotland. Milking appliance.....	814,487	Mar. 6	985	202	121	215
Wallace, Robert W., San Francisco, Cal. Boiler-feeder.....	821,683	May 29	5424	1154-5	122	1437
Wallace, Samuel T., Los Angeles, Cal. Hoist.....	830,385	Sept. 4	986	205-6	124	243
Wallace, Thomas L., assignor to E. C. Atkins & Company, Indianapolis, Ind. Saw.....	837,439	Dec. 4	322	77	125	1436
Wallace, William G., Proctorknott, Minn. Smoke-stack.....	816,051	Mar. 27	4196	891	121	1072
Wallace, William H., New York, N. Y. Camera.....	834,089	Oct. 23	4390	933	124	2411
Wallace, William W., Knoxville, Tenn. Dumping-car.....	834,090	Oct. 23	4391	933-4	124	2411
Wallace, William W., Knoxville, Tenn. Dumping-car.....	834,091	Oct. 23	4395	934-5	124	2413
Wallbillich, Anthony F., Prince Bay, N. Y. Gage.....	826,392	July 17	3432	711	123	898
Wallen, Andrew K., Sr., Jackson, Miss. Well-boring apparatus.....	810,097	Jan. 16	2999	624-5	120	744
Wallenthin, Nils C., Central Falls, R. I. Vending-machine.....	836,721	Nov. 27	3637	775	125	1028
Wallenthin, Nils C., Central Falls, R. I. Vending-machine.....	836,722	Nov. 27	3640	776	125	1029
Wallenthin, Nils C., Central Falls, R. I., assignor to J. M. Fisher & Company. Joint for bracelets.....	809,153	Jan. 2	1047	217	120	230
Wallenthin, Nils C., Providence, R. I., assignor to J. M. Fisher & Company. Catch for bracelets.....	832,352	Oct. 2	669	128	124	1373
Wallenthin, Walfrid, assignor to Bates & Bacon, Attleboro, Mass. Bracelet.....	813,755	Feb. 27	4449	983	120	2601
Waller, Henry, Binscarth, Manitoba, Canada. Wire-stretcher.....	838,481	Dec. 11	2405	522	125	1994
Waller, John A., assignor of one-third to H. O. Anderson, Chicago, Ill. Chain.....	820,452	May 15	2896	629	122	766
Waller, Robert H., assignor of two-fifths to M. Benz, Jr., and N. H. Porch, Nashville, Tenn. Penholder.....	826,633	July 24	3998	827	123	1063
Wallerstedt, Charles, and N. J. McEvoy, St. Louis, Mo. Skirt-supporter.....	829,495	Aug. 28	3687	778	123	2698
Walley, Ambrose S., Stanford University, Cal. Drying-rack.....	826,295	July 17	3249	672	123	854
Wallick, George W., Sturgis, Mich. Refrigerator.....	817,136	Apr. 3	1152	238	121	1616
Wallick, Jodie, Sumpter, Oreg. Photo-holder.....	811,108	Jan. 30	4893	1020	120	1223
Wallin, Victor F., Brooklyn, N. Y. Lock.....	821,210	May 22	4462	950	122	1171
Walling, Charles W., Binghamton, N. Y. Garment-fitting table.....	825,782	July 10	2284	474-5	123	603
Walling, John E., Salt Lake City, Utah. Railway-tie.....	811,262	Jan. 30	5390	1124-5	120	1330
Wallis, Edward. (See Streeter and Wallis.)						
Wallmenich, Conrad T. von, Brooklyn, N. Y. Umbrella.....	830,866	Sept. 11	1960	411	124	525
Wallof, Edward G., Minneapolis, Minn. Propeller attachment for row-boats.....	812,534	Feb. 13	2046	448-9	120	1984

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Walls, Dio L., Kansas City, Mo. Meat-hook.	838,826	Dec. 18	3067	661	125	2200
Wallwork, Roughsedge, Manchester, England. Protecting-cover for vehicle-tires.	829,496	Aug. 28	3688	778	123	2698
Wally, William C. (See Downs and Wally.)						
Walmsley, Benjamin M. (See Yancey, Arthur, assignor.)						
Walmsley, Charles, Bury, England, assignor to Wandel & Co. Metalltuch-Fabrik, Reutlingen, Germany. Means for operating picker-drums.	820,838	May 15	3681	785	122	938
Walrath, Abram, Weedsport, N. Y. Silo.	820,750	May 15	3471	744	122	893
Walsh, Charles N., and W. N. Rumely, Laporte, Ind. Engine-governor.	818,718	Apr. 24	4349	932	121	2472
Walsh, Harry C. H., assignor to Consolidated Press and Tool Company, Chicago, Ill. Can-heading machine.	820,454	May 15	2899	630	122	766
Walsh, Hiram H., Newburgh, N. Y. Brickmaking plant.	836,547	Nov. 20	3268	696	125	905
Walsh, James, Holyoke, Mass. Paper-machine.	827,197	July 31	5150	1069	123	1367
Walsh, James, Jr., Philadelphia, Pa. Valve and faucet.	817,535	Apr. 10	1968	416	121	1846
Walsh, James A., Indianapolis, Ind. Book-mark.	828,353	Aug. 14	1342	283	123	2027
Walsh, James D., St. Louis, Mo. Pleasure-car.	820,453	May 15	2898	630	122	766
Walsh, James D., St. Louis, Mo. Feed mechanism for polishing-machines.	821,143	May 22	4347	924	122	1146
Walsh, James D., St. Louis, Mo. Display-rack.	821,144	May 22	4349	925	122	1147
Walsh, James D., St. Louis, Mo. Hanger for pictures, cardboard, and the like.	823,379	June 12	2315	486	122	2280
Walsh, James F., Richmond, Va. Journal-bearing.	838,925	Dec. 18	3236	699	125	2239
Walsh, John, and E. Swanson, assignors of one-third to T. B. Walsh, Galesburg, Ill. Gasoline-engine.	838,926	Dec. 18	3237	699-700	125	2239
Walsh, John B., Providence, R. I. Making leather packing-rings for hydraulic pumps and the like.	816,197	Mar. 27	4495	954	121	1136
Walsh, John E., Washington, D. C. Safety watch-support.	833,186	Oct. 16	2357	493	124	1872
Walsh, Joseph A. (See Sober, Leslie M., assignor.)						
Walsh, Joseph H. (See Acheson and Walsh.)						
Walsh, Robert A. B., assignor to Mississippi Glass Company, St. Louis, Mo. Wired-glass-making machine.	810,446	Jan. 23	3769	776	120	942
Walsh, Robert A. B., assignor to Mississippi Glass Company, St. Louis, Mo. Machine for making wired plate-glass.	810,447	Jan. 23	3770	777	120	942
Walsh, Robert A. B., assignor to Mississippi Glass Company, St. Louis, Mo. Wired glass.	831,640	Sept. 25	3510	736	124	977
Walsh, Thomas B. (See Walsh and Swanson, assignors.)						
Walsh, Thomas P., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom multiplier mechanism.	821,321	May 22	4683	997-8	122	1219
Walsh and Weidner Boiler Company. (See Senter, John F., assignor.)						
Walsleben, Paul. (See Schoettl, Jaeger, and Walsleben.)						
Walstead, Gustav A., Chicago, Ill. Machine for forming butter patties.	817,352	Apr. 10	1592	336	121	1768
Walstrom, Andrew H., Birmingham, Ala. Coke-oven cover.	809,344	Jan. 9	1476	299	120	361
Walter, Adolph, Toledo, Ohio. Railway car and locomotive headlight.	816,139	Mar. 27	4385	927	121	1113
Walter, Advil M., Summerton, S. C. Manure and fertilizer distributor.	833,268	Oct. 16	2524	527	124	1915
Walter, Anton W., assignor to Berger Manufacturing Company, Canton, Ohio. Tubular lantern.	834,347	Oct. 30	4924	1043	124	2593
Walter, August C., Alex. Ind. Ter. Straddle-row cultivator.	821,145	May 22	4352	925	122	1148
Walter, Charles P., Harrisburg, Pa. Railway-tie.	832,644	Oct. 9	1263	254	124	1558
Walter, Jeanne, Philadelphia, Pa. Garment.	824,456	June 26	4417	938	122	2849
Walter, John. (See Bell, Emma, assignor.)						
Walter, John, Ottawa, Ill. Lunch-pail.	814,578	Mar. 6	1154	241	121	250
Walter, Samuel, Dallas City, Ill. Broom-holder.	832,104	Oct. 2	165	33	124	1254
Walter, Sidney, Marysville, Kans. Feeding-trough.	823,380	June 12	2317	486	122	2280
Walter, Theophil P., assignor to Beatrice Manufacturing Company, Beatrice, Nebr. Corn-husker.	810,098	Jan. 16	3000	625	120	745
Walter, William H., New York, N. Y. Electrical igniter for internal-combustion engines.	812,622	Feb. 13	2225	484	120	2017
Walters, Aldin V., Gallion, Ohio. Boiler-flue.	823,907	June 19	3353	715	122	2567
Walters, H. H. (See Nilson, Nils, assignor.)						
Walters, Julius W., New York, N. Y. Clutch and transmission gear.	822,702	June 5	954	195	122	1940
Walters, Julius W., Glens Falls, N. Y. Pulp-strainer.	834,596	Oct. 30	5400	1145-6	124	2712
Walters, Nels P., Fort Madison, Iowa. Rail-joint.	830,754	Sept. 11	1769	365	124	476
Walters, Nels P., Fort Madison, Iowa. Rail-tie and fastening.	830,755	Sept. 11	1770	365	124	476
Walther, Charles F. (See Jacobs, Robert F., assignor.)						
Walther, Gustav. (See Salzer and Walther.)						
Walther, Gustava A., et al. (See Werner, Emil, assignor.)						
Walther, Heinrich, assignor to Firm of Nollesche Werke, Weissenfels, Germany. Lasting mechanism for tacking and stapling machines.	823,906	June 19	3350	714	122	2566
Walther, Heinrich, Offenbach-on-the-Main, assignor to Nolle'sche Werke Act.-Ges., Weissenfels, Germany. Lasting and tacking machine.	836,290	Nov. 20	2771	588	125	787
Walton, Frederick J., and L. V. Rogers, Finchley, England. Advertising apparatus.	821,146	May 22	4354	926	122	1148
Walton, Frederick J., and L. V. Rogers, Finchley, London, England. Automatic time-table and advertising device.	829,816	Aug. 28	4366	922-3	123	2866
Walton, George. (See Linkenbach and Walton.)						
Walton, George A. (See Rider, Herbert E., assignor.)						
Walton, George A., New York, N. Y. Steam-generator.	831,124	Sept. 18	2485	525	124	680
Walton, Hugh. (See Beanes and Walton.)						
Walton, John, Milwaukee, Wis. Resawing band-mill.	811,009	Jan. 30	4894	1021	120	1224
Walton, Richard N., Los Angeles, Cal. Railway-crossing.	810,178	Jan. 16	3156	653	120	774
Walton, Robert A., Los Angeles, Cal. Telephone-transmitter attachment.	823,090	June 12	1736	357	122	2154
Walton, Robert A., Los Angeles, Cal. Telephone switching apparatus.	823,091	June 12	1737	358	122	2154
Walton, Robert A., Los Angeles, Cal. Telephone-transmitter attachment.	823,092	June 12	1738	358	122	2154
Waltz, Philip W., Vallejo, Cal. Wood-turning machine.	817,943	Apr. 17	2791	604	121	2083
Wamble, John E., Hinsonton, Ga. Revolving library and desk.	825,783	July 10	2285	475	123	603
Wambsgans, Jacob and W. H., Peoria, Ill. Brush.	837,523	Dec. 4	480	109	125	1476
Wambsgans, William H. (See Wambsgans, Jacob and W. H.)						
Wampach, Henry. (See Betz and Wampach.)						
Wampach, Jacob. (See Betz and Wampach.)						
Wanamaker, Charles B., and C. B. Miles, assignors to Brown Straw Binder Company, Indianapolis, Ind. Tucker for straw-binders.	822,563	June 5	649	130-3	122	1869
Wandel & Co. Metalltuch-Fabrik. (See Walmsley, Charles, assignor.)						
Wanderer Fahrradwerke vorm. Winkhofer & Jaenicke A.-G. (See Mohns, Carl J., assignor.)						
Wadless, Franklin W., assignor of one-half to J. H. Gault, Philadelphia, Pa. Speed-changing device.	837,651	Dec. 4	752	172	125	1540
Wands, John C., St. Louis, Mo. Lifting device.	811,344	Jan. 30	5552	1158	120	1365
Wands, John C., St. Louis, Mo. Car-truck bolster.	819,188	May 1	294	63	122	73
Wands, John C., St. Louis, Mo. Wheel.	824,892	July 3	431	84	123	117
Wands, John C., St. Louis, Mo. Fluid speed-governing clutch.	836,348	Nov. 20	2876	611	125	811
Wands, John C., St. Louis, Mo. Fluid speed-governing clutch.	838,149	Dec. 11	1765	379	125	1838

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page
Wang, Edward E. (See Noben and Wang.)						
Wangenheim, Gustavus, Los Angeles, Cal. Sanitary garbage-can.	815,496	Mar. 20	3046	636	121	771
Wanner, Albert, Jr., New York, N. Y. Hinge-bracket for chair-seats.	819,477	May 1	882	193	122	197
Wanner, Albert, Jr., Hoboken, N. J. Bent-wood chair.	819,478	May 1	883	193	122	198
Wanner, Albert, Jr., Hoboken, N. J. Chair.	823,146	June 12	1847	381	122	2177
Wanner, Charles A. (See Liebau, Gustav H., assignor.)						
Wanner & Co. (See Widmer-Abegg, Ernst, assignor.)						
Wanner, Martin, New York, N. Y., assignor of one-half to T. S. Harrison, Philadelphia, Pa. Simultaneously mining and washing clay, kaolin, &c.	823,749	June 19	3046	645	122	2497
Wantz, Julius B., assignor to Victor Electric Company, Chicago, Ill. Electric-current interrupter.	834,597	Oct. 30	5403	1146	124	2713
Wanz, Friedrich. (See Bamberger, Böck, and Wanz.)						
Warbasse, Joseph, Newton, N. J. Respirator.	812,706	Feb. 13	2377	521	120	2047
Ward, Albert M., Detroit, Mich. Nose-guard for eyeglasses.	830,120	Sept. 4	446	90	124	113
Ward, Alexander F., Memphis, Tenn. Hoop-coiler.	823,236	June 12	2057	427	122	2226
Ward, Arthur. (See Crosbie and Ward.)						
Ward, Charles E. (See Keefer and Ward.)						
Ward, Dell, assignor of one-half to H. G. Reynolds, Grand Rapids, Mich. Vehicle-wheel.	837,987	Dec. 11	1406	306	125	1747
Ward, Ernest A. (See Wooldridge and Ward.)						
Ward, George, Roma, Queensland, Australia. Apparatus for removing articles from shelves.	813,029	Feb. 20	3013	663-4	120	2231
Ward, George, assignor of one-fourth to B. Hepps, Homestead, Pa. Unloading mechanism.	812,623	Feb. 13	2227	485	120	2018
Ward, George, Homestead, assignor of one-fourth to T. J. Tierney and F. R. Agnew, Pittsburg, Pa. Switch-operating mechanism.	810,828	Jan. 23	4495	935	120	1103
Ward, George R., New York, N. Y., assignor, by mesne assignments, to Union Bag & Paper Company. Pulp-molding machine.	827,128	July 31	4971	1037-8	123	1317
Ward, George R., New York, N. Y., assignor, by mesne assignments, to Union Bag & Paper Company. Pulp-molding machine.	827,765	Aug. 7	158	32-3	123	1708
Ward, George R., Sandy Hill, N. Y., assignor to Union Bag & Paper Company. Pulp-molding machine.	828,909	Aug. 21	2442	518-19	123	2339
Ward, Gurney E., Abilene, Tex. Trolley.	826,296	July 17	3250	672	123	855
Ward, Henry B., Nampa, Idaho. Hoof-nippers.	838,597	Dec. 18	2634	568	125	2094
Ward, Henry D., assignor of one-half to I. B. Hubbard, Worcester, Mass. Covered spoon.	812,312	Feb. 13	1623	357	120	1896
Ward, John O., assignor of one-half to F. W. Jones, Santa Maria, Cal. Ironing-board.	831,254	Sept. 18	2729	575	124	740
Ward, Joseph, Montreal, Canada. Display-envelop.	828,989	Aug. 21	2598	548	123	2378
Ward, Lewis, Wichita, Kans., assignor to Mergenthaler Linotype Company. Adjustable liner for linotype-machines.	836,349	Nov. 20	2878	612	125	811
Ward, Michael J., Minersville, Pa. Apparatus for ventilating mines.	809,653	Jan. 9	2121	439	120	496
Ward, Paul S., Covington, Ky., assignor to J. H. Day Company, Cincinnati, Ohio. Mixing-machine.	828,910	Aug. 21	2449	520	123	2342
Ward, Philo M., Johnson City, Tenn. Display-stand.	810,829	Jan. 23	4496	935	120	1103
Ward, Richard H., Youngstown, Ohio. Feeding device for rolling-mills.	839,441	Dec. 25	4287	916-17	125	2544
Ward, Richard J., New York, N. Y. Combination saw, square, and miter.	814,754	Mar. 13	1521	322	121	392
Ward, Velpau J. (See Lewis and Ward.)						
Ward, Wilfred B., assignor of one-half to W. C. Ferguson, Richmond, Ind. Hose-coupling.	815,990	Mar. 27	4061	860	121	1040
Ward, William E., Bayonne, N. J. Flexible joint for electric tubing.	833,567	Oct. 16	3138	666	124	2065
Ward, William J., New Rochelle, N. Y. Paper-cutting device.	818,065	Apr. 17	3017	653	121	2132
Ward, William L., Port Chester, N. Y. Manufacture of nuts.	833,187	Oct. 16	2357	493	124	1872
Ward, William L., Port Chester, N. Y. Manufacture of nuts.	833,188	Oct. 16	2358	493-4	124	1873
Ward, William S., assignor to H. D. Smith & Company, Plantsville, Conn. Making clevis-irons.	810,007	Jan. 16	2802	578	120	700
Ward, William S., assignor to H. D. Smith & Company, Plantsville, Conn. Hook.	811,187	Jan. 30	5239	1096	120	1297
Ward, William S., assignor to H. D. Smith & Company, Plantsville, Conn. Carpenter's chisel.	816,626	Apr. 3	169	35	121	1398
Ward, William S., Philadelphia, Pa., assignor of one-half to S. H. Styles, Washington, D. C. Gas-stove attachment.	835,693	Nov. 13	1601	341	125	447
Wardell, Henry R., Ardmore, assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Sheet roofing material.	813,336	Feb. 20	3630	796	120	2363
Wardell, Winfield S. (See Seymour, John E., assignor.)						
Warden, Herbert A., F. Manns, and W. H. Decker, Newburgh, N. Y. Automatic starting device.	813,262	Feb. 20	3468	765	120	2329
Warden, William F., Akron, Ohio. Ventilator.	829,817	Aug. 28	4369	923	123	2867
Wardman, Aubrey, Whittier, Cal. Line-test connector.	839,346	Dec. 25	4093	879	125	2497
Wardroper, Annie, London, England. Stocking-suspenders.	818,317	Apr. 17	3529	757	121	2241
Wardwell, Simon W. (See Steere and Wardwell.)						
Wardwell, Simon W., Providence, R. I. Speed-controlling device.	825,567	July 10	1816	385-6	123	486
Wardwell, Simon W., Providence, R. I. Take-up for narrow-ware looms.	827,129	July 31	4975	1038	123	1319
Wardwell, Simon W., Providence, R. I. Take-up for looms.	827,130	July 31	4978	1039	123	1319
Wardwell, Simon W., Providence, R. I. Warping-machine.	833,989	Oct. 23	4158	882	124	2354
Wardwell, Simon W., Providence, R. I. Controlling device.	834,779	Oct. 30	5793	1229-30	124	2811
Wardwell, Simon W., Providence, R. I., assignor to Universal Winding Company, Portland, Me. Bobbin-holder.	829,306	Aug. 21	3267	688	123	2548
Wardwell, Simon W., Providence, R. I., assignor to Universal Winding Company, Portland, Me. Clutch and speed controlling device.	834,778	Oct. 30	5790	1229	124	2811
Ware, Alfred J., and W. Zoller, Seattle, Wash. Check printer and protector.	812,707	Feb. 13	2378	521	120	2047
Ware, Charles H., and C. M. Holmes, Barry, Ill. Roundabout.	822,876	June 5	1277	264	122	2005
Ware & Viquesney <i>et al.</i> (See Nicewarner, Theodore G., assignor.)						
Warele, Antoine F., Jackson, Mich. Loop-shield.	812,104	Feb. 6	1141	250	120	1721
Wares, James, and A. Holman, Chicago, Ill. Faucet.	828,445	Aug. 14	1514	319	123	2071
Warfel, Clarence O., Sellman, Md. Toy whistle.	831,392	Sept. 18	2995	636	124	808
Warfel, Henry C., assignor to H. H. Homer, W. F. Gill, and R. C. Swires, Philipsburg, Pa. Trousers presser and creaser.	830,756	Sept. 11	1771	365	124	477
Warfel, Jesse E., Horton, Kans. Folding bed.	839,442	Dec. 25	4288	917	125	2544
Warfield, Aaron, Toronto, Ontario, Canada. Metallic railway-tie and rail-fastening.	834,348	Oct. 30	4926	1043	124	2593
Warfield, Henry, Topeka, Kans. Convertible cultivator and planter.	816,693	Apr. 3	294	69	121	1425
Waring, Guy H., Webb City, Mo. Magnetic ore separator and classifier.	834,175	Oct. 23	4572	970-1	124	2460
Waring, John B., East Orange, N. J., assignor to Waring Patents Company, New York, N. Y. Fluid-level-controlling means.	811,188	Jan. 30	5240	1096-7	120	1297
Waring Patents Company. (See Waring, John B., assignor.)						
Warmoth, Frank S. (See Hyatt, John W., assignor.)						
Warmuth, Henry C., Landis Store, Pa. Wagon-brake.	820,157	May 8	2315	506	122	578
Warne, Casler, Asbury Park, N. J. Game-card.	814,996	Mar. 13	1977	416	121	485
Warnecke, Carl, Oakland, Cal. Wall or closet folding bed.	838,760	Dec. 18	2933	632	125	2167
Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Alcohol-lamp.	815,884	Mar. 20	3861	819	121	945

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Warner, Alonzo A., assignor to Landers, Frary and Clark, New Britain, Conn. Coffee-percolator.	821,445	May 22	4954	1053	122	1281
Warner, Alonzo A., assignor to Landers, Frary and Clark, New Britain, Conn. Vapor-lamp.	826,297	July 17	3251	672	123	855
Warner, Alonzo A., assignor to Landers, Frary and Clark, New Britain, Conn. Bread mixer and kneader.	839,443	Dec. 25	4290	918	125	2545
Warner, Arthur P. and C. H., Beloit, Wis. Flexible shaft.	815,240	Mar. 13	2499	520	121	604
Warner, Arthur P. and C. H., assignors to Warner Instrument Company, Beloit, Wis. Magnetic tachometer.	823,237	June 12	2059	428	122	2227
Warner Brothers Co. (See Kuebler, Freda B., assignor.)						
Warner, Charles B. (See Brookman, John H., assignor.)						
Warner, Charles B., <i>et al.</i> (See Fulford, Elijah D., assignor.)						
Warner, Charles F. P., Providence, R. I. Mechanical implement.	824,394	June 26	4278	912	122	2820
Warner, Charles H. (See Warner, Arthur P. and C. H.)						
Warner, Charles H., Beloit, Wis. Combined tachometer and cyclometer.	813,681	Feb. 27	4315	950	120	2573
Warner, Clarence M., Cambridge, Ill. Voting-machine.	809,479	Jan. 9	1773	365-6	120	423
Warner, De Ver H., Bridgeport, Conn. Corset.	822,792	June 5	1106	229	122	1971
Warner, Edgar E. (See Mitten, Philip J., assignor.)						
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Snap-fastener.	820,612	May 15	3212	690	122	836
Warner, Franklin B., New York, N. Y. Dust-cap and solar eyepiece for telescopes.	818,802	Apr. 24	4529	968	121	2511
Warner, George, Dearborn, Mont. Gate-latch.	809,544	Jan. 9	1888	392	120	449
Warner Instrument Company. (See Cadman, Addi B., assignor.)						
Warner Instrument Company. (See Jones, Frederick B., assignor.)						
Warner Instrument Company. (See Warner, Arthur P. and C. H., assignors.)						
Warner, Isaac M., Harvard, Ill., assignor to F. C. Boise, Union City, Mich. Wire-fence stretcher.	810,099	Jan. 16	3002	625	120	746
Warner, James L., Girard, Kans. Violin-piano.	836,844	Nov. 27	3889	830	125	1095
Warner, James S., Forest Gate, England. Radial railway and tramway truck.	819,189	May 1	295	63-4	122	74
Warner, Jerome E., Cleveland, Ohio. Lacing-fastener.	824,835	July 3	322	59	123	89
Warner, John A. and W. A., Bronson, Mich. Gate.	835,208	Nov. 6	664	137	125	169
Warner, John F., Muncie, Ind. Variable-speed mechanism.	829,242	Aug. 21	3132	659	123	2515
Warner, Joseph C., assignor of one-half to L. Burger, Corbin, Kans. Spring-wheel.	828,354	Aug. 14	1343	283	123	2027
Warner, Joseph N., St. Paul, Minn. Change-making machine.	833,568	Oct. 16	3140	667-71	124	2065
Warner, Kenneth G. (See Fletcher, Pearl E., assignor.)						
Warner, Michael, St. Louis, Mo. Securing-clamp for washing-machines.	821,559	May 22	5158	1100	122	1323
Warner, Norman, and G. W. Jacobs, Glenns Ferry, Idaho. Emergency car-coupling.	813,469	Feb. 27	3903	856	120	2481
Warner, Norman, and G. W. Jacobs, Glenns Ferry, Idaho. Automatic knuckle-opener.	813,930	Feb. 27	4813	1062	120	2679
Warner, Robert L., Newton Center, Mass. Holder for shaving-sticks.	812,906	Feb. 20	2766	608	120	2178
Warner & Swasey Company. (See Allen, Walter M., assignor.)						
Warner & Swasey Company. (See Swasey, Ambrose, assignor.)						
Warner & Swasey Company. (See Swasey and Fecker, assignors.)						
Warner, Sylvester, West Union, Ind. Land-roller.	827,587	July 31	5991	1245	123	1570
Warner, William A. (See Warner, John A. and W. A.)						
Warnock, Amos W., assignor to Dalton-Ingersoll Manufacturing Company, Boston, Mass. Mixing-valve for water-supplies.	827,588	July 31	5993	1246	123	1571
Warnock, Wallace S., Chicago, Ill. Printer's registering device.	819,101	May 1	133	28	122	34
Warp Twisting-In Machine Company. (See Calleson, Adriance, and Duppler, assignors.)						
Warren, Aldred K., assignor to American Automatic Switch Company, New York, N. Y. System of operating railway-switches.	818,495	Apr. 24	3867	832-3	121	2366
Warren, Alfred, San Lucas, Cal. Tube-cutter.	818,135	Apr. 17	3165	679	121	2165
Warren, Andrew L., Lone Wolf, Okla. Ter. Cotton chopper and cultivator.	829,556	Aug. 28	3819	812	123	2731
Warren, Charles B., and D. E. Myers, Lordsburg, Cal. Window-sash fastener.	814,177	Mar. 6	341	70	121	74
Warren, Edward H., assignor of one-half to G. Fields, Rentiesville, Ind. Ter. Combined car and air-brake coupling.	839,682	Dec. 25	4773	1020	125	2661
Warren, Edward K. (See Holdred, Frank, assignor.)						
Warren, Edward K. (See Webster, William, assignor.)						
Warren, Edward K., Threeoaks, Mich. Feed mechanism for quill-treating machines.	811,263	Jan. 30	5392	1125	120	1331
Warren, Edward K., assignor to Warren Featherbone Company, Three Oaks, Mich. Corset-stiffener.	834,423	Oct. 30	5079	1078	124	2630
Warren, Edward K., assignor to Warren Featherbone Company, Three Oaks, Mich. Brush.	834,853	Oct. 30	5941	1261	124	2849
Warren, Edward K., and J. H. Holden, assignors to Warren Featherbone Company, Threeoaks Mich. Woven feather fabric.	808,790	Jan. 2	338	73	120	75
Warren, Edward K., and J. H. Holden, assignors to Warren Featherbone Company, Threeoaks, Mich. Felted feather fabric.	808,791	Jan. 2	339	73	120	75
Warren, Edward K., and J. H. Holden, assignors to Warren Featherbone Company, Threeoaks, Mich. Felted feather fabric.	808,792	Jan. 2	339	73	120	75
Warren Featherbone Company. (See Lackey, George A., assignor.)						
Warren Featherbone Company. (See Potts, David, assignor.)						
Warren Featherbone Company. (See Warren, Edward K., assignor.)						
Warren Featherbone Company. (See Warren and Holden, assignors.)						
Warren Featherbone Company. (See Webster, William, assignor.)						
Warren, Fiske, <i>et al.</i> (See Warren, Joseph A., assignor.)						
Warren, Frederick C. (See Preston, William H., assignor.)						
Warren, George E., Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Heel-making machine.	834,349	Oct. 30	4927	1043	124	2594
Warren, George H., and S. Fontaine, Minneapolis, Minn. Storage-bin.	827,589	July 31	5996	1246-7	123	1571
Warren, Gilbert W., Ilion, N. Y., assignor to Daisy Manufacturing Company, Plymouth, Mich. Air-gun.	830,121	Sept. 4	448	90	124	113
Warren, Henry E., Newton, assignor to Lombard Governor Company, Boston, Mass. Speed-regulating device for water-wheels.	822,030	May 29	6084	1296-7	122	1588
Warren, Henry E., Newton, assignor to Lombard Governor Company, Ashland, Mass. Valve.	828,832	Aug. 14	2272	484	123	2267
Warren, J. H., <i>et al.</i> (See Inman, Wesley J., assignor.)						
Warren, Joseph A., Westbrook, Me., assignor to S. D. Warren, M. B. Mason, and F. Warren, Boston, Mass. Evaporating apparatus.	828,524	Aug. 14	1683	355	123	2115
Warren, Joseph D., Providence, R. I. Electric-wire terminal.	819,389	May 1	721	153	122	164
Warren, Joseph H., assignor to Western Electric Company, Chicago, Ill. Line-connecting device.	824,222	June 26	3945	845	122	2752
Warren, Peter R., Brookline, Mass. Box for holding toy guns and similar toys.	812,535	Feb. 13	2049	449	120	1985
Warren, Peter R., Brookline, Mass. Combined box and target.	812,536	Feb. 13	2050	449	120	1985
Warren, Peter R., Brookline, Mass. Paper box.	821,907	May 29	5854	1244	122	1537
Warren, Samuel D., <i>et al.</i> (See Warren, Joseph A., assignor.)						
Warren, Thomas J., Stanley, N. C. Flow.	819,390	May 1	722	153	122	164

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Warren Webster and Company. (See Harrison, Amos, assignor.)						
Warren Webster and Company. (See Serrell, John A., assignor.)						
Warren, Wilkie W. (See Piburn, Grant L., assignor.)						
Warren, William H., Brooklyn, N. Y., assignor to Western Electric Company, Chicago, Ill. Warning-signal for electric-motor controllers	824,223	June 26	3947	845	122	2752
Warren, William P., Sheridan, Ill. Wheeled scraper	821,560	May 22	5159	1100-1	122	1323
Warren, William P., Sheridan, Ill. Road-making machine	839,347	Dec. 25	4094	879-80	125	2497
Warren, William R., New York, N. Y. Rotary kiln	839,053	Dec. 18	3471	749	125	2299
Warrick, James P., et al. (See Raspilaire, August, assignor.)						
Warriner, Robert. (See Mowbray, Black and Warriner.)						
Warrington, Jesse, assignor to Nordyke & Marmion Company, Indianapolis, Ind. Steering-gear for automobiles	813,186	Feb. 20	3328	731-2	120	2301
Warshauer, Alexander, Boston, Mass. Trousers-pad	827,897	Aug. 7	396	85	123	1768
Wartman, Edward, South Bend, Wash. Railway-switch	823,147	June 12	1848	381	122	2178
Warwick Brothers & Rutter. (See Johnson, Charles, assignor.)						
Warwick, Charles J., Kingston, Ontario, Canada. Cuff-holder	833,859	Oct. 23	3757	798	124	2260
Warwick, John F., Chicago, Ill. Furnace-tile	828,355	Aug. 14	1344	284	123	2027
Warwood, Joseph T. H., assignor of one-half to J. L. Hankinson, Augusta, Ga. Kiln for burning clay products	830,386	Sept. 4	988	206-7	124	243
Washburn, Charles F., New London, Conn. Type-writer attachment	822,327	June 5	209	42	122	1772
Washburn, Edgar. (See Colburn and Washburn.)						
Washburn, Edgar. (See Colburn, Washburn, and Irwin.)						
Washburn, Edwin C., Minneapolis, Minn. Car-coupling	810,008	Jan. 16	2803	578-9	120	700
Washburn, Edwin C., Minneapolis, Minn. Lateral-motion device for car-trucks	811,677	Feb. 6	279	62	120	1546
Washburn, Edwin C., Minneapolis, Minn. Cast truck-bolster	812,313	Feb. 13	1624	357	120	1896
Washburn, Henry T. and S. G., Goodwin, S. D. Loading apparatus	824,457	June 26	4418	938-9	122	2850
Washburn, Reginald, assignor to Wire Goods Company, Worcester, Mass. Fruit-picker	832,436	Oct. 2	836	162	124	1413
Washburn, Selden G. (See Washburn, Henry T. and S. G.)						
Washburn, William H., Portland, Oreg. Truss for hernia	817,600	Apr. 10	2086	441	121	1871
Washburn, William S., Brockton, Mass. Heating apparatus	809,154	Jan. 2	1049	217-18	120	230
Washburn, William S., Brockton, and E. S. Niles, Boston, Mass. Car-brake	815,768	Mar. 20	3616	759	121	894
Washburne, James V., Syracuse, N. Y. Radiator	817,287	Apr. 10	1473	309	121	1742
Washburne, James V., Waterbury, Conn. Socket member	834,035	Oct. 23	4265	905	124	2381
Washington, George M., Houston, Tex. Baling-press	813,603	Feb. 27	4166	914-15	120	2540
Washington Iron Works Company. (See Frink, Gerald, assignor.)						
Washington Vending Machine Company. (See Simmons, James L., assignor.)						
Wasley, Cora M., Empire, Ohio. Attachment for culinary vessels	816,892	Apr. 3	687	142	121	1511
Wason, Henry H. (See Streams, Charles J., assignor.)						
Water Overflow Preventive Co. (See Werner, Lester A., assignor.)						
Waterbury Buckle Company. (See Maltby, Julius, assignor.)						
Waterbury Farrel Foundry and Machinery Company. (See Lamb, George B., assignor.)						
Waterbury, George H., assignor of one-third to J. J. Huddart, Denver, Colo. Separating metals from their ores	832,563	Oct. 2	1083	217	124	1474
Waterbury Machine Company. (See Kahl, Louis C., assignor.)						
Waterbury, Samuel, Schenectady, N. Y. Circuit-breaker	825,092	July 3	803	167	123	214
Waterbury Tool Company. (See Towle, Herbert L., assignor.)						
Waterbury Tool Company. (See Williams, Harvey D., assignor.)						
Waterbury Wire Die Company. (See O'Donnell, John H., assignor.)						
Waterfield, Welby C., Sandusky, Ohio. Sprocket-wheel	826,757	July 24	4230	879	123	1123
Waterhouse, E. (See Garrigus, Walter A., assignor.)						
Waterhouse, George L., New York, N. Y. Apparatus for pumping liquid	811,110	Jan. 30	5065	1059	120	1260
Waterhouse, Harold D. (See Bussey and Waterhouse.)						
Waterhouse, Howard A., Providence, R. I. Sign-holder	811,264	Jan. 30	5395	1125	120	1331
Waterloo Register Company. (See Carter, William L., assignor.)						
Waterman, Albert, New York, N. Y. Skirt-marker	831,811	Sept. 25	3841	805	124	1065
Waterman, Fred W. (See Winter and Waterman.)						
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Cultivator	823,238	June 12	2063	428-9	122	2227
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Cultivator	823,239	June 12	2066	429-30	122	2228
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Harrow-disk	823,240	June 12	2067	430	122	2229
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Wheeled plow	823,241	June 12	2068	430	122	2229
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Seeding-machine	823,242	June 12	2068	430-1	122	2229
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Disk harrow	823,243	June 12	2070	431	122	2229
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Wheeled plow	823,244	June 12	2072	431-2	122	2230
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Corn-planter	823,245	June 12	2076	432	122	2231
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Riding attachment for harrows	823,652	June 19	2883	610	122	2465
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Horse hay-rake	828,692	Aug. 14	2007	424	123	2199
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Riding attachment for agricultural implements	830,690	Sept. 11	1626	336	124	437
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Sand-box for wheels	830,691	Sept. 11	1627	336	124	437
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Scraper	832,938	Oct. 9	1859	385	124	1699
Waterman, Marcus M. (See Palmer and Waterman.)						
Waterous, David J., Brantford, Ontario, Canada. Dumping-wagon	836,723	Nov. 27	3641	776	125	1030
Waterproof Welt & Filler Company. (See Moulton, James N., assignor.)						
Waterproof Welt and Filler Company. (See Reynolds, John R., assignor.)						
Waters, Beverly L., Chicago, Ill. Gear-case	838,598	Dec. 18	2635	568	125	2095
Waters, Dudley E., Grand Rapids Mich. Coin-tray	814,178	Mar. 6	342	70	121	75
Waters, Hattan A. (See Harris and Hogan, assignors.)						
Waters, William L., Milwaukee, Wis. Balancing device	811,678	Feb. 6	280	62	120	1547
Waters, William L., Milwaukee, Wis. Dynamo-electric machine	814,417	Mar. 6	862	177	121	187
Waters, William L., Milwaukee, Wis. Dynamo-electric machinery	823,566	June 19	2711	574	122	2424
Waters, William L., Milwaukee, Wis. Governing mechanism for engines	823,567	June 19	2713	574	122	2425
Waters, William L., Milwaukee, Wis. Commutator	823,568	June 19	2715	575	122	2425
Waters, William L., Milwaukee, Wis. Brush-holder	823,569	June 19	2717	575	122	2425

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Resistance device.....	834,424	Oct. 30	5080	1079	124	2630
Watkins, George W., and W. C. Bethel; said Watkins assignor to J. T. Bethel, Seattle, Wash. Electric signaling apparatus.....	828,446	Aug. 14	1515	319	123	2071
Watkins, Isaac, Hartford, Conn. Burglar-alarm.....	823,831	June 19	3208	679	122	2535
Watkins, John W., Philadelphia, Pa. Sheet-metal window-sash.....	812,467	Feb. 13	1904	420	120	1954
Watkins, John W., Philadelphia, Pa. Sheet-metal window-sash.....	815,769	Mar. 20	3617	760	121	895
Watkins, Ora H., Ames, Iowa. Wire-coiling machine.....	828,156	Aug. 7	918	188-9	123	1896
Watkins, Ora H., Ames, Iowa. Reversible hinge for sofa-beds, &c.....	828,157	Aug. 7	921	189	123	1897
Watkins, Ora H., and C. F. Skellenger, Clinton, Iowa, assignors to B. F. Windsor, Kenosha, Wis. Wire-working machine.....	819,479	May 1	884	193-4	122	198
Watkins, Ora H., and C. F. Skellenger, Clinton, Iowa, assignors to B. F. Windsor, Kenosha, Wis. Wire-working machine.....	819,622	May 1	1141	252	122	257
Watkins, Ora H., and C. F. Skellenger, Clinton, Iowa, assignors to B. F. Windsor, Kenosha, Wis. Wire-working machine.....	819,623	May 1	1148	253	122	258
Watkins, William D., San Jose, Cal. Telephone selecting device.....	821,069	May 22	4199	893	122	1113
Watley, Willis M. B., Chicago, Ill. Hand-truck.....	820,274	May 8	2542	551	122	630
Watrous, Isaac A., West Haven, assignor of one-half to F. F. Burton, New Haven, Conn. Automatic electric reverse-switch.....	839,348	Dec. 25	4095	880	125	2497
Watson, Benjamin, Eden, N. Y. Extension car-step.....	830,867	Sept. 11	1962	412	124	526
Watson, Clarence M., Wadsworth, Ohio. Loading apparatus.....	824,162	June 26	3824	815-16	122	2726
Watson, Elmer E., Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y. Safe, vault, &c.....	825,253	July 3	1117	237	123	291
Watson, Francis B., Caldwell, Kans. Match-box.....	819,964	May 8	1893	419	122	482
Watson, George A. (See Brooks and Watson.)						
Watson, George D., assignor of three-fourths to W. H. and L. P. Kesselman and C. I. Masters, Parkersburg, W. Va. Train-signal.....	839,683	Dec. 25	4775	1021	125	2662
Watson, George W., trustee. (See Staples, David H., assignor.)						
Watson, Harris A., Sylvania, Ohio. Receiving device for bond-detectors.....	837,440	Dec. 4	324	77	125	1437
Watson, Harry, Brandon, Miss. Clasp.....	817,024	Apr. 3	953	196	121	1570
Watson, Harry A., Pittsburg, Pa. Indicator.....	829,243	Aug. 21	3134	660	123	2516
Watson, Henry E., et al. (See Hockersmith, James B., assignor.)						
Watson, Henry P., Louisville, Ky. Nut-lock.....	815,497	Mar. 20	3047	636	121	771
Watson, Henry W., assignor of one-fourth to H. C. Bright, Danville, Ky. Lawn-swing.....	809,480	Jan. 9	1776	366	120	424
Watson, Henry W. and W. W., Jamestown, N. Y. Guide-strip for sliding screens.....	817,409	Apr. 10	1714	361	121	1794
Watson, Henry W. and W. W., Jamestown, N. Y. Metal screen.....	836,419	Nov. 20	3022	640-1	125	845
Watson, Henry W. and W. W., Jamestown, N. Y. Metal screen.....	836,475	Nov. 20	3127	664	125	869
Watson, James A. (See Farrell, John, assignor.)						
Watson, James P., and F. L. Jahn, Philadelphia, Pa., assignors to Watson & McDaniel Company. Pump-regulator.....	809,590	Jan. 9	1982	411	120	467
Watson, John C. (See Scott and Watson.)						
Watson, Laidlaw & Company. (See Freitag, Andreas, assignor.)						
Watson, Leslie J., assignor of one-half to A. S. White, Port Huron, Mich. Governor.....	814,579	Mar. 6	1156	241	121	250
Watson, Mattie A., Chicago, Ill. Abdominal support or binder.....	825,165	July 3	951	201	123	249
Watson & McDaniel Company. (See Watson and Jahn, assignors.)						
Watson, Nelson E., Galeton, Pa. Coal-handling implement.....	834,780	Oct. 30	5796	1230	124	2812
Watson, Robert S., assignor of one-half to A. Zegelmeyer, Bay City, Mich. Fender.....	824,765	July 3	142	27	123	40
Watson, Seymour D., St. Johns, Mich. Heater.....	821,269	May 22	4576	973	122	1196
Watson, Thomas. (See Farrington and Watson.)						
Watson, Thomas A., Creemore, Ontario, Canada. Front sight for rifles.....	830,868	Sept. 11	1963	412	124	526
Watson, Thomas H., Dayton, Ohio. Registering and indicating device for watches.....	830,627	Sept. 11	1486	307	124	399
Watson, Thomas I., Forest City, N. C. Washing-machine.....	834,350	Oct. 30	4930	1044	124	2594
Watson, Thomas P. (See Mason, Thomas F., assignor.)						
Watson, William F., assignor of one-half to R. Chadwick, Tidioute, Pa. Knife.....	825,093	July 3	805	167	123	215
Watson, William H., Danvers, Mass. Computing device.....	814,488	Mar. 6	986	202-3	121	215
Watson, William J., Ladysmith, British Columbia, Canada. Smelting-furnace.....	836,548	Nov. 20	3271	696-7	125	905
Watson, William W. (See Watson, Henry W. and W. W.)						
Watson, Winfield S., Memphis, Tenn. Making buttons.....	831,393	Sept. 18	2996	637	124	808
Watt, John A., Halifax, Canada. Cart.....	816,627	Apr. 3	169	36	121	1398
Watt, John F. (See Fiddes and Watt.)						
Watters, William J., assignor to Office Supply Company, Chicago, Ill. Binder-frame.....	823,653	June 19	2885	610	122	2465
Watters, William J., assignor to Office Supply Company, Chicago, Ill. Binder-frame-cover hinge.....	832,939	Oct. 9	1860	385	124	1699
Wattie, William, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Give-way connection for box-motions of looms.....	812,468	Feb. 13	1907	421	120	1954
Wattie, William, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Metal-plate-bending machine.....	832,940	Oct. 9	1861	385-6	124	1699
Wattles, Cyra B., Providence, R. I. Floor-dressing machine.....	817,410	Apr. 10	1715	361	121	1794
Wattles, Cyra B., Providence, R. I. Floor-dressing machine.....	820,751	May 15	3472	744-5	122	893
Wattles, Cyra B., assignor to Surfacing Machine Company, Providence, R. I. Floor-dressing machine.....	819,391	May 1	723	153	122	164
Watts, Alfred E., Duluth, Minn. Automatic trip mechanism.....	809,345	Jan. 9	1478	299	120	361
Watts, Alfred E., Duluth, Minn. Automatic tripping device for photographic shutters.....	809,346	Jan. 9	1483	300	120	362
Watts, Alfred E., Wartsburg, Canada. Fire-alarm.....	828,356	Aug. 14	1345	284	123	2028
Watts, Arthur S., assignor to Locke Insulator Manufacturing Company, Victor, N. Y. Mold for plastic materials.....	811,602	Feb. 6	131	29	120	1514
Watts, Bryant, Springfield, Ill. Nut-lock.....	827,198	July 31	5151	1069	123	1368
Watts, David H., Jr., Philadelphia, Pa. Metallic wall-closet.....	809,592	Jan. 9	1988	412-13	120	468
Watts, Ira, Mount Vernon, N. Y. Steam-separator.....	836,549	Nov. 20	3272	697	125	906
Watts, Louis A., Hartley, Iowa, assignor, by mesne assignments, to A. Schwartz, Hennepin county, Minn. Gas apparatus.....	831,022	Sept. 11	2235	472-3	124	590
Watts, Richard E. (See Blackstone and Watts.)						
Watts, Thomas A., Springfield, Ohio. Game apparatus.....	815,053	Mar. 13	2110	444-5	121	516
Watts, William A., et al. (See Parks, Clarence W., assignor.)						
Watts, William T. (See Johnston and Watts.)						
Watzke, Eduard, assignor of one-half to I. Nagy, Friedberg, Austria-Hungary. Machine for the manufacture of capsules for bottles.....	813,604	Feb. 27	4168	915-16	120	2541
Watzke, Eduard, assignor of one-half to I. Nagy, Friedberg, Austria-Hungary. Machine for spinning, trimming, and stacking capsules.....	816,694	Apr. 3	296	69	121	1425
Waugh, Edward H., Chicago, Ill., assignor, by mesne assignments, to Double-Friction Coil Clutch Company. Friction-clutch.....	822,496	June 5	518	105-6	122	1839
Waugh, Henry H., Brooklyn, N. Y. Bottle-heater.....	820,029	May 8	2047	449	122	513
Waugh, James M., Chicago, Ill. Draft-rigging for railway-cars.....	818,066	Apr. 17	3020	653	121	2122
Waugh, James M., Chicago, Ill. Vehicle-spring.....	828,357	Aug. 14	1346	284	123	2028
Waugh, Johnson S., Shephard, assignor of one-half to C. M. Schaub, Gahanna, Ohio. Machine for mortising and boring.....	838,827	Dec. 18	3068	661	125	2200

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Waxman, Harris, New York, N. Y. Tire-protector.....	811,345	Jan. 30	5553	1158	120	1365
Way, Albert C., Perry Center, N. Y. Non-refillable bottle.....	835,995	Nov. 13	2148	460	125	578
Way Ear Drum Company. (See Way, George P., assignor.)						
Way, George P., assignor to Way Ear Drum Company, Detroit, Mich. Ear-drum.....	831,125	Sept. 18	2487	525	124	681
Way, William R., Columbia, S. C. Infant's diaper.....	810,689	Jan. 23	4239	878	120	1047
Wayman, Walter N., Staunton, Va. Gas-administering apparatus.....	819,392	May 1	726	154	122	165
Wayman, William O. (See Gloor, Albert, assignor.)						
Wayman, William O., assignor to Illinois Malleable Iron Company, Chicago, Ill. Cistern.....	823,832	June 19	3211	679	122	2536
Weakley, John J., assignor to J. T. Shanahan, Gloversville, N. Y. Trank for finger-tipped gloves.....	836,476	Nov. 20	3129	664	125	870
Weaner, Cornelius, Defiance, Ohio. Broom.....	833,766	Oct. 23	3540	754	124	2206
Wear, Frank F., San Francisco, Cal. Automatic computing cheese-cutter.....	819,679	May 1	1263	275-6	122	283
Wearne, Richard L., assignor to Nineteen Hundred Washer Co., Inc., Binghamton, N. Y. Washing-machine.....	819,102	May 1	136	28-9	122	35
Weaser, William H., Pittsfield, Mass. Eyeglasses.....	816,766	Apr. 3	426	96	121	1452
Weatherby, Joseph, Jr., New Cumberland, Pa. Magnetic ore-separator.....	824,893	July 3	433	84-5	123	118
Weathers, Franklin, Findlay, Ill. Bridle-bit and attaching means therefor.....	813,337	Feb. 20	3631	797	120	2363
Weathers, Hoyt M., assignor to W. P. Steinbeck, Stockton, Cal. Conveyor.....	811,462	Jan. 30	5750	1204	120	1406
Weatherson, Christopher, assignor to American Bridge Company, Chicago, Ill. Punching-machine.....	823,148	June 12	1850	382	122	2178
Weaver, Albert S., Providence, assignor of one-half to C. A. Murray, Pawtucket, R. I. Eyeglass-mounting.....	818,066	Apr. 17	2907	627	121	2110
Weaver, Andrus S., Sodus, N. Y. Trolley-pole.....	815,991	Mar. 27	4063	861	121	1040
Weaver, Carter, Pittsburg, Pa. Marking device for umbrellas, &c.....	815,054	Mar. 13	2112	445	121	516
Weaver, Carter, Pittsburg, Pa. Pen and pencil holder.....	828,158	Aug. 7	923	189	123	1897
Weaver, Charles R., Baltimore, Md., assignor to P. C. Hains, Jr., U. S. Army, New York, N. Y. Concrete-mixer.....	818,929	Apr. 24	4758	1023	121	2560
Weaver, Edward H., Calverton, Va. Damper-operating device.....	828,911	Aug. 21	2451	520	123	2342
Weaver, Henry F., Lincolnton, assignor of one-half to G. W. Rabb, Newton, N. C. Plow and planter.....	821,070	May 22	4202	893	122	1114
Weaver, Herbert H., Upper Yoder township, and G. E. Thackray, Westmont borough, Pa. Manufacture of steel.....	837,598	Dec. 4	644		125	1514
Weaver, Ira A., assignor to Sattley Manufacturing Company, Springfield, Ill. Corn-planter.....	811,977	Feb. 6	892	196-8	120	1670
Weaver, Ira A., assignor to Racine-Sattley Company, Springfield, Ill. Seed-planter.....	827,131	July 31	4982	1039-40	123	1320
Weaver, Ira A., assignor to Racine-Sattley Company, Springfield, Ill. Wheel-box.....	835,768	Nov. 13	1745	372	125	482
Weaver, Isaac D., assignor of one-half to S. E. Light, Lebanon, Pa. Forming helices for chain-links.....	809,412	Jan. 9	1641	377	120	394
Weaver, Isaac D., assignor of one-half to S. E. Light, Lebanon, Pa. Manufacture of helices for chain-links.....	809,413	Jan. 9	1642	337-8	120	394
Weaver, Isaac D., assignor, by mesne assignments, to Hercules Chain Company, Lebanon, Pa. Machine for welding and shaping chain-links.....	835,842	Nov. 13	1889	400	125	519
Weaver, Isaac H., assignor of one-half to F. Powell, Toledo, Ohio. Bag-holder.....	821,771	May 29	5602	1194	122	1479
Weaver, James E., Allegheny, Pa. Toy cannon.....	809,414	Jan. 9	1643	338	120	394
Weaver, John L. (See Flores, Alfredo, assignor.)						
Weaver, Leonard C., Kirksville, Ill. Clothes-line support and tightener.....	830,469	Sept. 4	1150	241-2	124	284
Weaver, Mathew J., assignor of one-half to E. C. Hall, Plattsburg, Mo. Railway-tie.....	818,318	Apr. 17	3529	757	121	2241
Weaver, Philip T., et al. (See Carman, Bert C., assignor.)						
Weaver, Philo H., Pittsburg, Pa. Piston-rod packing.....	811,603	Feb. 6	132	29	120	1514
Weaver, Robert W. (See Ball and Weaver.)						
Weaver, Stephen M., et al. (See Carman, Bert C., assignor.)						
Weaver, Stephen S., Carrollton, Mo. Plow.....	809,870	Jan. 9	2510	521	120	585
Weaver, William. (See Steensland and Weaver.)						
Weaver, William A., Manchester, England. Adjustable screw-bolt.....	826,131	July 17	2945	611	123	782
Weaver, William C., Elizabethville, Pa. Rail-joint.....	835,587	Nov. 13	1414	303	125	402
Weaver, William H., Pullman, Wash. Vegetable-slicer.....	824,766	July 3	145	27	123	41
Weaver, William W. (See Rexroth, John J., assignor.)						
Webb, Arthur N., Youngsville, Pa. Vehicle-wheel.....	835,124	Nov. 6	505	102	125	130
Webb, Arthur N., Youngsville, Pa. Auger-bit.....	835,125	Nov. 6	507	102	125	131
Webb, Edwin W. (See Barber and Webb.)						
Webb, Elisha, Jr., Philadelphia, Pa. Galley hot-water system.....	819,103	May 1	139	29	122	35
Webb, Frederick L., Jr. (See Fox and Webb.)						
Webb, Gay A., Ann Arbor, Mich. Guitar and mandolin bridge.....	835,085	Nov. 6	428	86	125	113
Webb, George H., Pawtucket, R. I. Machine for forming key-seats in hubs of gears, &c.....	823,833	June 19	3212	679	122	2536
Webb, George L., Spencer, N. C. Sand-drier.....	834,781	Oct. 30	5797	1230	124	2813
Webb, Herbert M., Deering, Oreg. Lamp-chimney.....	830,942	Sept. 11	2096	442	124	556
Webb, Isaac H., Emlenton, Pa. Curtain-pole bracket.....	822,170	May 29	6363	1352	122	1651
Webb, Jean F., Denver, Colo. Semaphore.....	825,991	July 17	2670	554-5	123	714
Webb, Jean F., Denver, Colo. Electric semaphore.....	829,132	Aug. 21	2909	611-12	123	2460
Webb, Jean F., Jr., Denver, Colo., assignor to Electric Signagraph and Semaphore Company. Semaphore.....	830,629	Sept. 11	1493	308-10	124	400
Webb, Jean F., and G. E. Frederickson, Denver, Colo. Electric signaling system.....	819,190	May 1	297	64-5	122	74
Webb, Jean F., and C. E. Frederickson, Denver, Colo.; said Frederickson assignor to said Webb. Electric signaling system.....	826,457	July 17	3557	740-1	123	931
Webb, John W., Columbus, Miss. Hat-ventilator.....	829,818	Aug. 28	4370	923	123	2867
Webb, Joseph, et al. (See Schlared, Charles, assignor.)						
Webb, Nicholas W., New York, N. Y. Lock.....	816,405	Mar. 27	4942	1050-1	121	1231
Webb, Nicholas W., New York, N. Y. Tumbler-lock.....	818,719	Apr. 24	4352	932	121	2472
Webb, Robert D., Minden, La. Automatic weighing and dumping machine.....	820,455	May 15	2901	630	122	767
Webb, Samuel, Glassport, Pa. Brake-shoe fastening.....	828,159	Aug. 7	924	190	123	1897
Webb, Samuel J., Minden, La. Roller-compress.....	809,415	Jan. 9	1645	338-9	120	394
Webb, Samuel J., Minden, La. Means for compressing bales.....	827,833	Aug. 7	283	58	123	1741
Webb, Samuel J., Minden, La. Cotton-compress.....	828,002	Aug. 7	629	128-9	123	1826
Webb, Samuel J., Minden, La. Hydraulic press with double-piston ram.....	836,350	Nov. 20	2879	612	125	811
Webb, William, and W. W. Hildreth, Gloversville, N. Y. Wrench.....	811,885	Feb. 6	674	147	120	1628
Webb, Wilmer M., Philadelphia, Pa. Fountain-pen support or holder.....	831,394	Sept. 18	2998	637	124	808
Webber, Edmund F., New York, N. Y. Wrapper-seal.....	837,361	Dec. 4	170	40	125	1398
Webber, Lionel H. (See Grogan, Archibald, assignor.)						
Webber, William O., Boston, assignor to Lawrence Machine Company, Lawrence, Mass. Compound centrifugal pump.....	837,988	Dec. 11	1408	306	125	1747
Weber, Albert. (See Brown and Weber.)						
Weber, Albert C., and C. P. Mueller, Cleveland, Ohio. Journal-box.....	838,225	Dec. 11	1913	410	125	1874
Weber, Anton, Butte, Mont. Chimney-cowl.....	834,092	Oct. 23	4398	935	124	2414
Weber, Arnold W., assignor of one-half to A. Brandt, Bellevue, Iowa. Combined strainer and cut-off.....	810,515	Jan. 23	3921	806	120	978

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Weber, August, Sr., and August, Jr., Schenectady, N. Y.; said Weber, Jr., assignor to said Weber, Sr. Fuse-plug.	816,406	Mar. 27	4945	1051	121	1231
Weber, Carl, Chicago, Ill. Chimney.	823,197	June 12	1966	409-10	122	2206
Weber, Carl, Chicago, Ill. Structural metal bar.	832,711	Oct. 9	1398	282	124	1589
Weber & Co., F. (See Riedel, John M., assignor.)						
Weber, Emanuel D., Easton, Pa. Combined outlet-box and light-fixture.	825,254	July 3	1119	237	123	291
Weber, George A., Stamford, Conn., assignor, by mesne assignments, to Rail Joint Company, New York, N. Y. Railway-rail joint.	817,820	Apr. 17	2523	540	121	2023
Weber, George A., assignor, by mesne assignments, to Rail Joint Company, New York, N. Y. Rail-joint.	817,821	Apr. 17	2526	541	121	2023
Weber, George A., assignor, by mesne assignments, to Rail Joint Company, New York, N. Y. Rail-joint.	817,822	Apr. 17	2528	541-2	121	2024
Weber, George A., assignor, by mesne assignments, to Rail Joint Company, New York, N. Y. Rail-joint.	817,823	Apr. 17	2529	542-3	121	2024
Weber, George A., assignor, by mesne assignments, to Rail Joint Company, New York, N. Y. Rail-joint.	817,824	Apr. 17	2531	544	121	2024
Weber, George A., assignor, by mesne assignments, to Rail Joint Company, New York, N. Y. Step-joint.	817,825	Apr. 17	2533	544-5	121	2025
Weber, George C., assignor of one-third to E. D. Wilder, Chicago, Ill. Box-opening device.	835,649	Nov. 13	1539	329	125	432
Weber, George J., Kansas City, Mo. Electric igniter for explosive-engines.	820,535	May 15	3079	663	122	807
Weber, George J., Liberty Center, Ohio. Dental swaging device.	826,977	July 24	4635	956	123	1222
Weber, George W., assignor to American Can Company, New York, N. Y. Sheet-metal vessel.	829,244	Aug. 21	3137	660	123	2517
Weber, George W., assignor to American Can Company, New York, N. Y. Paint-can.	830,122	Sept. 4	449	90	124	114
Weber, Heinrich, Stettin, Germany. Bootjack.	835,147	Nov. 6	553	112	125	141
Weber, Henry E., Canton, Ohio. Pasteurizing.	831,812	Sept. 25	3842	805	124	1065
Weber, Henry E., Canton, Ohio. Pasteurizing apparatus.	831,813	Sept. 25	3844	805	124	1065
Weber, Herman, Colorado Springs, Colo. Truck. (Reissue)	12,430	Jan. 2	1337	271	120	294
Weber, J. M., et al. (See Lange, Fred, assignor.)						
Weber, John, Jr. (See Manger, George H., assignor.)						
Weber, John, Newark, N. J. Easel.	819,680	May 1	1266	276	122	284
Weber, Josef. (See Goldschmidt and Weber.)						
Weber, Joseph, Sr., Philadelphia, Pa. Joint-clamp.	834,782	Oct. 30	5799	1231	124	2813
Weber, Karl T., Koswig, Germany. Manufacture of cutters for pencil and like sharpeners.	838,289	Dec. 11	2046	441	125	1905
Weber, Martin S., Ephrata, Pa. Reducing and separating system.	830,387	Sept. 4	989	207-8	124	244
Weber, Peter, East Orange, assignor to New Jersey Patent Company, Orange, N. J. Phonograph speed-index.	811,010	Jan. 30	4896	1021	120	1224
Weber, Peter, Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph-horn.	820,158	May 8	2317	506	122	579
Weber, Peter, Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph.	821,071	May 22	4205	894	122	1114
Weber, Peter M., Homestead, Pa. Universal mill.	824,518	June 26	4539	962-3	122	2878
Weber, Peter M., Homestead, assignor to Carnegie Steel Company, Pittsburg, Pa. Rolling-mill. (Reissue)	12,472	Apr. 17	3698	794	121	2276
Weber, Rosa, Fort Wayne, Ind. Artist's bottle.	822,793	June 5	1107	230	122	1971
Weber, Rudolf P., Brooklyn, N. Y. Brick for chimneys.	823,011	June 12	1563	324	122	2118
Weber, Thomas, Egg Harbor City, N. J. Bell-buoy.	817,206	Apr. 10	1309	273	121	1709
Weber, Walter E., Jerseyville, Ill. Rotary engine.	827,276	July 31	5293	1097	123	1401
Weberg, Bernt M., Balsam Lake, Wis. Automatic brake for sleds.	809,155	Jan. 2	1052	218	120	231
Weborg, Fred, Jamestown, N. Y. Furniture-spring.	833,012	Oct. 9	1987	415	124	1730
Webster, Alfred J., assignor to J. A. Jeffrey, Columbus, Ohio. Conveying and elevating apparatus.	811,189	Jan. 30	5243	1097-8	120	1298
Webster, Alfred J., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyor.	811,190	Jan. 30	5246	1098	120	1299
Webster, Alfred J., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyor.	811,463	Jan. 30	5751	1204-5	120	1406
Webster, Cheever L., Galion, Ohio. Roll-drop window-shade.	822,031	May 29	6090	1297	122	1589
Webster, Cyrus C., Minneapolis, Minn. Machine for manufacturing printers' leads.	812,708	Feb. 13	2381	521-3	120	2048
Webster, Frank E., Buffalo, N. Y. Gold-catcher for fountain-spittoons.	814,925	Mar. 13	1830	383	121	457
Webster, Frank L., Honolulu, Hawaii. Machine for conveying and loading crops.	830,630	Sept. 11	1502	310-11	124	404
Webster, George, Christiana, Pa. Cover-removing mechanism.	828,003	Aug. 7	632	129	123	1827
Webster, George, Christiana, assignor to M. T. Phillips, Pomeroy, Pa. Dehorner.	814,100	Mar. 6	197	39	121	43
Webster, George, Christiana, Pa., assignor to W. C. Barnes, Dorsey, N. Mex. Ter. Dehorner.	830,470	Sept. 4	1151	242	124	284
Webster, George S., Minneapolis, Minn. Adjustable bearing for rod-brasses.	818,319	Apr. 17	3532	758	121	2242
Webster, Guy, York, Pa. Sheet-piling.	823,982	June 19	3503	748	122	2598
Webster, Harry G., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.	816,052	Mar. 27	4197	891	121	1072
Webster, Harry G., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.	824,767	July 3	146	27	123	41
Webster, Harry G., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.	835,047	Nov. 6	340	72	125	87
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Combined telephone and alarm system.	825,623	July 10	1936	410-12	123	514
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Combined telephone and alarm system.	825,624	July 10	1958	412-13	123	519
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Combined telephone and alarm system.	825,625	July 10	1963	413	123	520
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Combined telephone-exchange and alarm system.	825,626	July 10	1967	414	123	521
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Combined telephone-exchange and alarm system.	825,685	July 10	2095	437	123	558
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Telephone-exchange system.	835,802	Nov. 13	1819	385	125	503
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.	828,693	Aug. 14	2008	424	123	2199
Webster, Hosea, Montclair, N. J. Furnace.	818,588	Apr. 24	4072	874	121	2410
Webster, John A., assignor to F. A. Morrison, New York, N. Y. Pencil-sharpener.	819,104	May 1	140	29	122	36
Webster, John A., assignor to J. W. Patterson, New York, N. Y. Coin-operated vending-machine.	837,362	Dec. 4	171	40-1	125	1398
Webster, John E., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor suspension.	829,557	Aug. 28	3820	812	123	2732
Webster, M. E., et al. (See Bradley, William H., assignor.)						
Webster and Perks Tool Company. (See Perks, Albert J., assignor.)						
Webster, Robert J., Jarrow, England. Calking-tool.	816,952	Apr. 3	820	167-8	121	1540
Webster, Robert J., assignor of one-half to Palmers Shipbuilding and Iron Company, Limited, Jarrow, England. Die for flanging plates.	826,074	July 17	2837	589	123	756
Webster, Walter O., assignor to Burnham, Williams & Company, Philadelphia, Pa. Brake-hanger.	814,489	Mar. 6	988	203	121	215

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Webster, Walter O., assignor to Burnham, Williams & Company, Philadelphia, Pa. Truck.	827,590	July 31	5997	1247	123	1572
Webster, Willard, <i>et al.</i> (See Nicholls, Moses, assignor.)						
Webster, William, London, Canada, assignor to Warren Featherbone Company, Three Oaks, Mich. Stiffening-blade.	824,608	June 26	4724	1006	122	2918
Webster, William, London, Ontario, Canada, assignor to E. K. Warren, Three Oaks, Mich. Machine for treating quill substances.	836,420	Nov. 20	3024	641-3	125	845
Webster, William, London, Ontario, Canada, assignor to E. K. Warren, Three Oaks, Mich. Machine for preparing quill substances.	836,621	Nov. 20	3395	723-5	125	934
Webster, William A., Monmouth, Ill. Valve-gear.	834,425	Oct. 30	5082	1079	124	2631
Webster, William L., New York, N. Y. Balanced steam-turbine.	833,990	Oct. 23	4160	883	124	2355
Webster, William R., Bridgeport, Conn. Drum for coiling metal.	812,709	Feb. 13	2383	523-4	120	2048
Weckel, Fred E. (See Swick, Seward E., assignor.)						
Wedderburn, George, Dunn Loring, Va. Locking means for bottles and the like.	834,500	Oct. 30	5224	1109	124	2669
Weddington, Robert L., assignor of one-half to C. H. Howe, Hugo, Ind. Ter. Attachment to stoves.	819,681	May 1	1267	276	122	284
Wedekind & Co., R. (See Hlinsky, Michael, assignor.)						
Wedge, Asahel G., <i>et al.</i> (See Anderson, Alfred, assignor.)						
Wedmore, Daniel A., Philadelphia, Pa. Cord-fastening device.	816,140	Mar. 27	4387	927	121	1113
Weed, Charles F., receiver. (See Cooley, John F., assignor.)						
Weed, Elisha L., assignor of one-half to M. M. Gault, Medford, Oreg. Miner's candle-stick.	824,609	June 26	4725	1006	122	2918
Weed, Henry B., Williamsport, Pa. Hose-supporter.	814,997	Mar. 13	1979	416	121	485
Weed, James M., Denver, Colo. Insulator for line conductors.	838,482	Dec. 11	2406	522-3	125	1994
Weekley, William T., Kalgoorlie, Western Australia, Australia. Apparatus for treating slimes and similar materials.	830,388	Sept. 4	991	208	124	244
Weeks, Abraham L., <i>et al.</i> (See Voigtlander, Maximilian G., assignor.)						
Weeks, Abraham L., Harrison, Ind. Whip-manipulator.	836,158	Nov. 20	2492	523	125	716
Weeks, Arthur J., Akron, Ohio. Jug.	819,191	May 1	302	65	122	75
Weeks, Charles P., San Francisco, Cal. Reinforced concrete construction for buildings.	825,627	July 10	1988	414	123	531
Weeks, Edward J., assignor of forty one-hundredths to J. Veit, New York, N. Y. Rotary engine.	830,123	Sept. 4	451	91	124	114
Weeks, Edward J., assignor of forty one-hundredths to J. Veit, New York, N. Y. Rotary engine.	830,124	Sept. 4	454	91	124	114
Weeks, Edward J., assignor of forty per cent. to J. Veit, New York, N. Y. Rotary gas-engine.	838,150	Dec. 11	1767	379-80	125	1838
Weeks, Frank W., San Antonio, Tex. Line-holder and type-chase.	827,485	July 31	5795	1202	123	1522
Weeks, Frank W., San Antonio, Tex. Line-holder and cylindrical type-chase.	827,486	July 31	5797	1202	123	1523
Weeks, James W. (See Clarke and Weeks.)						
Weeks, Nelson, Richmond Hill, N. Y., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical-lamp fixture.	825,434	July 10	1531	317	123	417
Weeks, Samuel V., Highland Park, assignor to Volunteer Disk Plow Co., Chattanooga, Tenn. Plow.	828,160	Aug. 7	926	190	123	1898
Weeks, Samuel V., Highland Park, assignor to Volunteer Disc Plow Company, Chattanooga, Tenn. Disk plow.	829,559	Aug. 28	3828	813-14	123	2734
Weeks, Samuel V., Highland Park, Tenn., assignor to Volunteer Disk Plow Company. Convertible plow.	829,560	Aug. 28	3833	814	123	2736
Weeks, Samuel V., assignor of one-half to C. A. Raht, Chattanooga, Tenn. Disk plow.	829,558	Aug. 28	3822	813	123	2732
Weeks, William H., Philadelphia, Pa. Machine for coating confectionery.	820,030	May 8	2048	449-50	122	519
Weeks, William H., Philadelphia, Pa. Chocolate-dipping tray.	828,694	Aug. 14	2011	424-5	123	2200
Weel, Ira E., Cleveland, Ohio. Card holding or display device.	814,101	Mar. 6	198	40	121	43
Weelans, Charles, Trenton, N. J. Lavatory.	828,912	Aug. 21	2452	521	123	2343
Weempe, Charles M., assignor to E. T. Shaffer, Mount Calm, Tex. Attachment for cultivators.	827,337	July 31	5413	1125	123	1430
Weems, John C., Dillards, Ala. Nut-lock.	811,011	Jan. 30	4897	1021	120	1224
Wege, Peter M., assignor to General Fireproofing Company, Youngstown, Ohio. Panel construction.	837,014	Nov. 27	4251	905	125	1181
Wege, Peter M., assignor to General Fireproofing Company, Youngstown, Ohio. Sheet-metal construction.	839,527	Dec. 25	4472	954	125	2589
Wegfarth, George C., Baltimore, Md. Syringe.	811,111	Jan. 30	5070	1060	120	1261
Wegerif, Johannes C., Battlesbridge, assignor to Renfrew Crusher Company, Limited, London, England. Pan-and-roller mill for crushing and grinding.	810,830	Jan. 23	4497	936	120	1103
Weghorst, Herman. (See Eberhardt and Weghorst.)						
Wegner, Frederick A., Detroit, Mich. Thill-coupling.	811,464	Jan. 30	5754	1205	120	1407
Wegner, William F., assignor of one-half to A. Wendelburg, New York, N. Y. Electric hammer.	818,589	Apr. 24	4073	874	121	2410
Weguelin, Walter H., Cricklewood, England. Eraser.	834,783	Oct. 30	5800	1231	124	2813
Wehrenberg, Charles E., Mound City, Ill. Baling-press.	822,411	June 5	349	72-3	122	1802
Wehrle, Anton. (See Westenhuber and Wehrle.)						
Weible, Albert W., Jamestown, N. Y. Voting-machine.	836,228	Nov. 20	2629	553-4	125	751
Weichardt, Wolfgang, Berlin, Germany. Antitoxin for fatigue and making the same.	809,347	Jan. 9	1488		120	363
Weichsel, Hans, Wilkinsburg, Pa. Commutating alternating-current electric motors.	828,077	Aug. 7	782	161	123	1864
Weichsel, William C., and U. G. Knuppenburg, Avonmore, Pa. Machine for cleaning tin plates.	821,908	May 29	5855	1244-5	122	1537
Weideman, George. (See Willard, Frederick L., assignor.)						
Weidinger, George, Circleville, Ohio. Planter attachment.	838,366	Dec. 11	2185	474	125	1939
Weidle, Wilhelm. (See Löffler and Weidle.)						
Weidlich, Otto E., Norwood, Ohio. Fountain-pen.	818,803	Apr. 24	4529	968	121	2511
Weidmann, Carl, Grevenberg, Germany. Combustion-engine.	837,989	Dec. 11	1410	307	125	1748
Weidmann, Carl, Würselen, assignor of one-half to P. Hoffman, Eiselfeld, near Siegen, Westphalia, Germany. Valve-gear for pneumatic rock-drills.	837,990	Dec. 11	1415	307	125	1749
Weidmüller, Carl R., Chemnitz, Germany. Socket member of glove-buttons.	829,358	Aug. 21	3383	713	123	2577
Weidmüller, Carl R., Chemnitz, Germany. Button for gloves.	829,359	Aug. 21	3384	714	123	2578
Weidner, Carl A., assignor to Yawman & Erbe Mfg. Company, Rochester, N. Y. Perforator.	836,658	Nov. 20	3473	741	125	952
Weidner, Charles F., New York, N. Y. Merry-go-round. (Reissue)	12,435	Jan. 9	2628	543	120	611
Weidner, Charles F., New York, N. Y. Merry-go-round.	826,758	July 24	4231	879	123	1124
Weidner, Phillip, Sailor Springs, Ill. Vehicle-top.	825,686	July 10	2102	437	123	560
Weigel, Frederick A., Floreffe, Pa. Safety device for elevators.	811,604	Feb. 6	133	29	120	1514
Weigel, Frederick A., Floreffe, Pa. Safety device for elevators.	826,634	July 24	4000	828	123	1063
Weigel, Frederick A., and I. Wolf, Johnetta, Pa. Steam and gas generator.	825,687	July 10	2103	438	123	560
Weigel, Robert. (See Drame, Bernard M., assignor.)						
Weigen, Nels A., Clearlake, Iowa. Strawberry-vine trimmer.	811,978	Feb. 6	897	198	120	1671
Weihe, Gustav A., San Francisco, Cal. Non-refillable-bottle stopper.	830,547	Sept. 11	1323	273	124	356
Weikly, James N., Jersey City, N. J., assignor to G. H. Fraser, Brooklyn, N. Y. Fluid-pressure brake and other apparatus.	818,320	Apr. 17	3533	758	121	2242

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Dr. g.
Weil, Alex. (See Stevenson, William C., assignor.)						
Weiland, Carl J., Hartsburg, Ill. Swing	835,924	Nov. 13	2034	434	125	552
Weilbier, Carl, Hanover, Germany. Manufacture of impregnated gloves	825,435	July 10	1535		123	418
Weiler, Nicholas, Sioux City, Iowa. Lifting-jack	819,825	May 8	1583	336	122	417
Weiler, Nicholas, Sioux City, Iowa. Lifting-jack	831,756	Sept. 25	3739	782-3	124	1040
Weiler, Nicholas, Sioux City, Iowa. Lifting-jack	835,048	Nov. 6	355	72	125	94
Weill, Jules, Chicago, Ill. Nailless horseshoe	835,650	Nov. 13	1540	329	125	432
Weinacht, William N., Chicago, Ill. Loose-leaf binder	831,641	Sept. 25	3511	736	124	977
Weinbeer, Gregor, Nuremberg, Germany. Turner for green malt	829,307	Aug. 21	3269	689	123	2548
Weinberg, Berthold, New York, N. Y. Couch	834,501	Oct. 30	5227	1109	124	2670
Weingaertner, August, assignor to National Biscuit Company, Chicago, Ill. Grease and moisture proof paper	828,004	Aug. 7	634		123	1828
Weinhagen, Georg. (See Fettback and Lieckfeld, assignors.)						
Weinhagen, George. (See Oesterreich, Albin, assignor.)						
Weinhardt, Robert A., Chicago, Ill. Power-transmission mechanism	836,159	Nov. 20	2493	524	125	716
Weinland, Henry F., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Turbine-motor for boiler-tube cleaners, &c.	825,094	July 3	806	168	123	215
Weinland, Henry F., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Tube-cutter	825,949	July 17	2588	538	123	692
Weinland, Henry F., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Blow-off valve	832,178	Oct. 2	324	60	124	1292
Weinman, Christian J., Dayton, Ohio. Fastener for window-sash cords	816,283	Mar. 27	4654	988	121	1171
Weinreb, Leo, and L. A. Rabinowitch, Vienna, Austria-Hungary; said Weinreb assignor to said Rabinowitch. Apparatus for delivering or counting coins and the like	812,624	Feb. 13	2229	485	120	2018
Weinrich, Moriz, Yonkers, N. Y. Purifying masse-quite or syrup	822,171	May 29	6364	1352	122	1651
Weinstein, Leopold, and J. Perlstein, Chicago, Ill. Fan attachment for sewing-machines	809,416	Jan. 9	1650	339	120	395
Weinstock, Henry, Marietta, Ohio. Stair-carpet holder	815,391	Mar. 20	2856	593	121	728
Weir, Albert S. J., and T. J. Henning, San Diego, Cal. Gas-meter	834,093	Oct. 23	4399	935	124	2414
Weir, George F., Elkhart, Ind. Dust-collector for cars	810,831	Jan. 23	4500	936	120	1104
Weir, James J., assignor to F. Krug, Philadelphia, Pa. Ash-sifter	836,477	Nov. 20	3130	665	125	870
Weir, Welby D., Winnsboro, Tex. Electric conductor	815,498	Mar. 20	3049	636	121	772
Weir, William, Cathcart, Scotland. Steam-engine air-pump	825,950	July 17	2594	539	123	693
Weir, William A., London, England. Manufacture of brushes	837,015	Nov. 27	4252	905	125	1181
Weis, Andrew L., assignor to Weis Binder Company, Toledo, Ohio. File	833,269	Oct. 16	2525	527	124	1915
Weis Binder Company. (See Weis, Andrew L., assignor.)						
Weis, John P., assignor to Metropolitan Sewing Machine Company, Nyack, N. Y. Edging	839,528	Dec. 25	4473	954	125	2589
Weis, John P., Brooklyn, and W. C. Robbins, Mount Vernon, N. Y., assignors, by mesne assignments, to Metropolitan Sewing Machine Company. Spool-holder	832,437	Oct. 2	837	162	124	1414
Weisbrod, Jacob H., assignor to American Car & Foundry Company, St. Louis, Mo. Brace for car-walls	831,315	Sept. 18	2857	606	124	773
Weise, Julius, F. Rieche, and A. Barth, assignors to R. Koepp & Co., Oestrich-on-the-Rhine, Germany. Making formates	820,159	May 8	2319		122	579
Weise, Julius, F. Rieche, and A. Barth, assignors to R. Koepp & Co., Oestrich-on-the-Rhine, Germany. Making formates	820,373	May 8	2725		122	670
Weise, Julius, F. Rieche, and A. Barth, assignors to R. Koepp & Co., Oestrich-on-the-Rhine, Germany. Making formates	820,374	May 8	2727		122	670
Weisehan, Milton E., Zionsville, Ind. Trousers stretcher and presser	828,078	Aug. 7	783	161	123	1864
Weiser, Orville T., assignor to S. Lubin, Philadelphia, Pa. Fire insulator and extinguisher	812,537	Feb. 13	2050	449	120	1985
Weiser, Orville T., assignor to S. Lubin, Philadelphia, Pa. Rheostat	834,953	Nov. 6	145	29	125	40
Weiskopf, H. E., et al. (See Knox, Luther L., assignor.)						
Weislowits, Edward, New York, N. Y., assignor to N. Weislowits, Newark, N. J. Separable phonograph-horn	835,338	Nov. 6	932	197	125	235
Weislowits, Nette. (See Weislowits, Edward, assignor.)						
Weisnek, Ignatz, Mindenmines, Mo., assignor of one-fourth to H. Evans, Burdine, Pa. Wrench	812,538	Feb. 13	2051	450	120	1985
Weiss, Albert R., Jr., Wilchenbach, Germany. Detanning mineral or chrome tanned leather or leather-waste	837,016	Nov. 27	4253		125	1181
Weiss, August, Cologne, Germany. Motor-vehicle	827,766	Aug. 7	162	33	123	1710
Weiss, Carl W., Brooklyn, N. Y. Internal-combustion engine	819,258	May 1	443	94	122	104
Weiss, Charles, Chicago, Ill. Separable button	815,055	Mar. 13	2115	445	121	517
Weiss, Edward, Denver, Colo. Bricklayer's tool	814,926	Mar. 13	1831	384	121	457
Weiss, George. (See Ruehs and Weiss.)						
Weiss, George W., New York, N. Y. Power-fan	814,998	Mar. 13	1980	417	121	485
Weiss, Gottlieb, Schonnebeck, Germany. Grinding or crushing mill	835,049	Nov. 6	357	73	125	95
Weiss, John. (See Bolton and Weiss.)						
Weiss, Joseph W. (See Henderson and Weiss.)						
Weiss, Louis T., Brooklyn, N. Y. Exhaust-muffler	809,654	Jan. 9	2122	439	120	496
Weiss, Louis T., Brooklyn, N. Y. Pump	814,179	Mar. 6	343	70	121	75
Weiss, Ludwig, Budapest, Austria-Hungary. Binding agent and forming same	814,490	Mar. 6	989		121	216
Weiss, Moritz, Philadelphia, Pa. Producing compound ingots	809,871	Jan. 9	2511	521	120	585
Weiss, Prosper, Highland Falls, N. Y. Bird-kite	810,690	Jan. 23	4240	878	120	1048
Weiss, Robert, Kingersheim, Germany. Apparatus for treating textile materials	829,188	Aug. 21	3039	636	123	2494
Weissbrod, Luther B., Greenfield, Mass. Match	834,094	Oct. 23	4401	936	124	2414
Weissbrod, Luther B., Greenfield, Mass. Change-purse	839,529	Dec. 25	4475	954	125	2590
Weissenborn, Albert B., Appleton, Wis. Lay-motion for looms	811,012	Jan. 30	4898	1021-2	120	1225
Weisser, Theodor, Heidelberg, Germany. Door-lock	811,013	Jan. 30	4903	1022	120	1226
Weissleder, Louis H. (See Marsh, Clarence T., assignor.)						
Weisz, Albert R., assignor to Matchless Cigar Lighter Manufacturing Company, New York, N. Y. Automatic turning, shaping, and finishing machine	813,187	Feb. 20	3329	732-3	120	2301
Weisz, Farkas. (See Frank, Albert, assignor.)						
Weitting, William W., College Point, N. Y., assignor to American Hard Rubber Company. Making hollow hard-rubber articles	827,277	July 31	5295	1098	123	1401
Weitzel, Henry C., and E. R. Pruitt, Baltimore, Md. Automatic clean-sweep waste for outside hoppers	814,755	Mar. 13	1522	322	121	393
Weitzmann, Niels J. H., Malmoe, Sweden. Refining and cleansing coffee	824,320	June 26	4126	883	122	2790
Welbourn, Josiah M., assignor of one-half to E. R. Powell, Edison, Ohio. Bag-holder	833,013	Oct. 9	1988	415-16	124	1731
Welch, Allie R. and F. S., Pontiac, Mich. Automobile-body	809,655	Jan. 9	2123	440	120	496
Welch, Allie R. and F. S., Pontiac, Mich. Automobile-frame	809,656	Jan. 9	2125	440	120	497
Welch, Alpha W., Albion, Mich. Folding bed	822,328	June 5	210	42	122	1772
Welch, Charles M., Detroit, Mich. Soap holder and granulator	824,768	July 3	161	28	123	48
Welch, Fred, et al. (See Liesmann, Louis, assignor.)						
Welch, Fred S. (See Welch, Allie R. and F. S.)						
Welch, George R., Detroit, Mich. Mechanical lubricator	824,458	June 26	4421	939	122	2850
Welch, Isaac N., and J. J. Roberts, Loyal, Wis. Saw-guide	825,016	July 3	673	135-6	123	176
Welch, John A., Loyal, Wis. Fifth-wheel	816,832	Apr. 3	568	119	121	1485

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Welch, Orin H., Anderson, Cal. Nut-lock.....	825,628	July 10	1990	415	123	531
Welch, Roscoe H. (See Horine, Edmund E., assignor.)						
Welch, Thomas, <i>et al.</i> (See Beck, William, assignor.)						
Welch, Thomas, Paw Paw, Mich. Lock-lifter for railway automatic couplings.....	833,812	Oct. 23	3652	780	124	2234
Welch, William W., <i>et al.</i> , executors. (See De Baun, George A.)						
Welcher, Frank R., Newark, N. J. Stanchion.....	819,826	May 8	1584	336	122	417
Welcome, Solon B. (See Smith and Welcome.)						
Welcome, Solon B., Los Angeles, Cal., assignor to Western Iron Works. Internal-combustion engine.....	822,172	May 29	6366	1352	122	1652
Welcome, Solon B., assignor to Western Gas Engine Company, Los Angeles, Cal. Combined clutch and brake.....	838,483	Dec. 11	2408	523	125	1994
Weld, George A. (See Southwick, Edward M., assignor.)						
Weld, George A., Winchester, Mass. Thermostat.....	826,458	July 17	3563	741	123	932
Weld, George A., Winchester, Mass. Clasp.....	831,585	Sept. 25	3383	710-11	124	943
Weld, William P., Marianna, Ark. Gin-roll board and feeder.....	834,176	Oct. 23	4576	971	124	2461
Weldeyer and Betts. (See Dehart, Lucy W., assignor.)						
Weldon, Edwin G. (See Schlesinger and Weldon.)						
Welfe, Joseph, Hamler, Ohio. Grain-feeder.....	836,550	Nov. 20	3274	697-8	125	906
Welfley, Lawrence P., Bridgeport, Conn., assignor to Automatic Scale Company. Dash-pot for spring-scales and the like.....	825,992	July 17	2677	555	123	717
Wein, Peter, Worcester, Mass., assignor to A. Krell, Newcastle, Ind. Automatic playing attachment for musical instruments.....	825,784	July 10	2287	475	123	603
Weller, Frank D., Toledo, Ohio. Hopple.....	811,014	Jan. 30	4904	1022	120	1226
Weller, Harvey A. (See Heiser, Valentine, assignor.)						
Weller, John L., St. Catharines, Canada. Electric-transmission pole.....	816,628	Apr. 3	170	36	121	1399
Weller, Turner A. (See Spotswood and Weller.)						
Weller, Turner A., Birmingham, Ala., and M. L. Spotswood, Richmond, Va. Tobacco-pipe.....	834,177	Oct. 23	4579	971	124	2462
Wells, George S., Chicago, Ill. Apparatus for feeding pulverized fuel.....	818,590	Apr. 24	4075	875	121	2410
Wellington, Leonard A., Keene, N. H. Chuck.....	828,695	Aug. 14	2013	425	123	2200
Wellman, Charles A., Ottumwa, Iowa. Fruit-carrier.....	810,313	Jan. 16	3457	714	120	838
Wellman, Harold R., Riverside, assignor to Western Electric Company, Chicago, Ill. Sewing-machine motor.....	820,327	May 8	2637	574-5	122	650
Wellman, Harold R., assignor to Western Electric Company, Chicago, Ill. Fan-motor support.....	834,695	Oct. 30	5611	1190	124	2767
Wellman, Samuel T. (See Jones and Wellman.)						
Wellman-Seaver-Morgan Company. (See Field, Clark, and Wilson, assignors.)						
Wellman-Seaver-Morgan Company. (See Hulett, Frank E., assignor.)						
Wellman-Seaver-Morgan Company. (See Hulett, George H., assignor.)						
Wellman Sole Cutting Machine Company. (See Stickney, Allison M., assignor.)						
Wells, Alice S., <i>et al.</i> (See De Vilbiss, Allen, Jr., assignor.)						
Wells, Charles L., St. Paul, Minn. Medicine-distributor.....	821,389	May 22	4841	1028	122	1256
Wells, Daniel D., Jacksonville, Fla. Pedemobile.....	833,100	Oct. 9	2158	454-5	124	1774
Wells, Frank L. (See MacDonald, John A., assignor.)						
Wells, George A., Jr., New York, N. Y. Apparatus for the regulation of electric systems.....	821,909	May 29	5858	1245	122	1537
Wells, George W., Southbridge, Mass. Eyeglass-mounting.....	809,156	Jan. 2	1054	218	120	231
Wells, George W., Southbridge, Mass. Eyeglass-mounting.....	828,913	Aug. 21	2454	521	123	2343
Wells, Joel C., Southbridge, Mass. Eyeglasses.....	813,030	Feb. 20	3015	664	120	2232
Wells, Joel C., Southbridge, Mass. Eyeglasses.....	818,720	Apr. 24	4353	933	121	2473
Wells, Myrta A., Omaha, Nebr. Garment-supporter.....	835,996	Nov. 13	2149	461	125	579
Wells, Pierson L. (See Stanley, Irving, assignor.)						
Wells, William H., Chicago, Ill., assignor to American Can Company, Jersey City, N. J. Key-opening can.....	814,102	Mar. 6	200	40	121	44
Wells, William O., Gary, Fla. Swimming-mitt.....	835,588	Nov. 13	1416	303	125	402
Wells, William W., assignor to Moore Screen Company, Sandy Hill, N. Y. Pulp or paper stock screen.....	830,389	Sept. 4	995	209	124	245
Welman, George, New Orleans, La. Device for painting overhead wires.....	825,785	July 10	2288	476	123	604
Welsbach, Carl A. von, Vienna, Austria-Hungary. Support for osmium filaments.....	814,632	Mar. 6	1257	264	121	272
Welsbach, Carl A. von, Vienna, Austria-Hungary. Pyrophoric alloy.....	837,017	Nov. 27	4254		125	1181
Welsbach Light Company. (See Colina, William, assignor.)						
Welsbach Light Company. (See Koblenzer, Martin, assignor.)						
Welsbach Light Company. (See Mason, Sidney, assignor.)						
Welsbach Light Company. (See Stites, Townsend, assignor.)						
Welt-Kandaren-Fabrik Sixt & Company. (See Kronheim, Wolf, assignor.)						
Welter, Frank J. (See Welter, Sebastian J., assignor.)						
Welter, Grover C. (See Welter, Stuart J. and G. C.)						
Welter, Sebastian J., assignor of one-half to F. J. Welter, Chicago, Ill. Hand-vice.....	814,633	Mar. 6	1258	264	121	273
Welter, Stuart J. and G. C., Roswell, N. Mex. Ter. Lubricator.....	831,395	Sept. 18	2999	637	124	808
Welton, Frank R., Detroit, Mich. Adding-machine.....	825,365	July 10	1354	286	123	370
Welton, Raymond D. (See Thorne and Welton.)						
Welty, Peter P., Columbus Grove, Ohio. Brick-molding apparatus.....	832,645	Oct. 9	1264	254-5	124	1558
Welty, William A., Waterloo, Iowa. Fountain-pen.....	834,541	Oct. 30	5289	1124	124	2686
Welty, William A., Waterloo, Iowa. Fountain-pen.....	834,542	Oct. 30	5290	1124	124	2686
Wemhoener, Wilhelm, Dortmund, Germany. Means of fixing cutters in milling and cutting heads.....	833,270	Oct. 16	2527	528	124	1916
Wemmergren, Axel A., Great Bend, Kans. Wick-holding attachment for lamp-burners.....	825,993	July 17	2679	555	123	717
Wemp, Ernest E., Oxford, Mich. Bean cleaning and polishing machine.....	810,009	Jan. 16	2805	579	120	700
Wendelburg, Alex. (See Wegner, William F., assignor.)						
Wendelin, Lawrence, and G. Demmer, Herndon, Kans. Stalk-cutter.....	834,426	Oct. 30	5085	1080	124	2632
Wendler, Fritz, Glatz, Germany. Trace-hook.....	828,587	Aug. 14	1803	380	123	2147
Wendler, Julius, Berlin, Germany. Device for hanging revolving-door wings.....	812,907	Feb. 20	2767	609	120	2178
Wendler, Oscar, assignor to Dr. N. Gerber's Co. Gesellschaft mit beschraenkter Haftung, Leipsic, Germany. Testing milk.....	827,591	July 31	5998		123	1572
Wendling, G. X. (See Vaughn, Charles C., assignor.)						
Wendling, G. X. (See Vaughn, Emma L., assignor.)						
Wendling, George X., San Francisco, Cal. Collar-button.....	817,536	Apr. 10	1969	416	121	1847
Wendt, William F., Altoona, Pa. Car-door lock.....	809,872	Jan. 9	2512	522	120	586
Wenger, Milton, New Holland, Pa. Wrench.....	837,254	Nov. 27	4717	999	125	1296
Wenger, Solomon B., South English, Iowa. Husking-peg.....	834,648	Oct. 30	5518	1171	124	2743
Wengs, John, Monroe, Mich. Mold for making building-blocks.....	834,954	Nov. 6	146	30	125	41
Wenig, Ferdinand. (See Berg, Rudolf, assignor.)						
Wenig, John, Mount Pleasant, Mich. Fire-escape.....	825,994	July 17	2680	555-6	123	718
Wenigmann, Carl, Leipsic-Reudnitz, Germany. Fly-catcher.....	830,266	Sept. 4	753	154	124	189
Wenigmann, Ernest, New York, N. Y. Garment for automobile-operators.....	834,502	Oct. 30	5227	1109-10	124	2670
Wenk, Henry L. C. (See Wenk, Theodore, assignor.)						
Wenk, Theodore, assignor to H. L. C. Wenk, Brooklyn, N. Y. Press for seals.....	827,132	July 31	4985	1041	123	1321

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drawg.	Vol.	Page.
Wenke, Franz, assignor of one-third to W. F. Fischer, Fort Wingate, N. Mex. Ter. Pen and pencil rack.	815,241	Mar. 13	2501	521	121	604
Wenke, Franz, assignor of one-third to W. F. Fischer, Fort Wingate, N. Mex. Ter. Stamp.	835,651	Nov. 13	1541	329	125	432
Wenner, Maria C., St. Paul, Minn. Marking composition for embroidering.	834,955	Nov. 6	148		125	41
Wenning, Edward. (See Hartman, George, assignor.)						
Wenrich, Daniel K., Joplin, Mo. Delivery device for vending-machines.	819,393	May 1	728	154-5	122	165
Wensel, Theodor, St. Paul, Minn. Register-clamp.	819,827	May 8	1586	337	122	418
Wensinger, Andrew A., assignor of one-half to C. W. Feigner, Toledo, Ohio. Type-writing machine.	832,105	Oct. 2	166	33-4	124	1255
Wensley, Richard, Jr., Denver, Colo. Drum-trap.	839,240	Dec. 25	3887	836	125	2446
Wentworth, Fred H. (See Brown and Wentworth.)						
Wentworth, Winslow I., Brockton, Mass. Machine for manufacturing boot and shoe heels.	831,126	Sept. 18	2488	525-6	124	681
Wentz, George F., St. Louis, Mo. Distilling apparatus.	815,392	Mar. 20	2857	593-4	121	729
Wentz, George F., St. Louis, Mo. Distilling apparatus.	833,271	Oct. 16	2528	528	124	1916
Wentz, Jere L., Bath, Pa. Cigar-tip cutter.	837,018	Nov. 27	4255	905	125	1182
Weny, Charles, assignor of one-half to R. Mueller, Chicago, Ill. Vinegar apparatus.	823,570	June 19	2719	575-6	122	2426
Wenzelmann, Gustave, and E. H. Overholt, Streator, Ill., assignors to Wenzelmann Manufacturing Company. Portable grain elevator and conveyer.	810,010	Jan. 16	2807	580	120	701
Wenzelmann, Gustave, and E. H. Overholt, assignors to Wenzelmann Manufacturing Company, Streator, Ill. Elevator or jack.	810,448	Jan. 23	3772	777-8	120	942
Wenzelmann, Gustav, and E. H. Overholt, Galesburg, Ill., assignors to Wenzelmann Manufacturing Company. Portable distributing-conveyer.	822,412	June 5	351	73-4	122	1802
Wenzelmann Manufacturing Company. (See Wenzelmann and Overholt, assignors.)						
Werd, William E., assignor of one-half to G. Wilson, Deer Lodge, Mont. Trap.	817,601	Apr. 10	2087	441	121	1871
Werk, Robert F., New Orleans, La. Oil-press mat.	820,275	May 8	2543	551	122	630
Werlin, Louis, Elsmere, Del. Regenerating and purifying of ammonia.	824,459	June 26	4424	940	122	2851
Wern, Gustaf P., New York, N. Y., assignor to Rawson & Morrison Manufacturing Company, Cambridgeport, Mass. Derrick-swinger.	836,622	Nov. 20	3402	726	125	935
Werner, Christian H. (See Hammer, Charles, assignor.)						
Werner, Emil, Philadelphia, Pa. Drawing-board.	824,966	July 3	587	117	123	156
Werner, Emil, assignor to Williams, Brown & Earle, Philadelphia, Pa. Stand or table.	836,551	Nov. 20	3275	698	125	907
Werner, Emil, assignor of two-thirds to G. A. Walther, Philadelphia, and C. Schwerdfeger, Lansdale, Pa. Piano-action.	813,263	Feb. 20	3470	766	120	2330
Werner, Ernest E., Indianapolis, Ind. Treating flour.	812,777	Feb. 13	2507	551	120	2074
Werner, Harry C., assignor of one-half to L. G. Grey, Wheeling, W. Va. Wire-stretcher.	833,142	Oct. 9	2245	473	124	1798
Werner, John A., Kipple, Pa. Hook and eye.	825,568	July 10	1820	386	123	486
Werner, Lester A., New York, N. Y., assignor to Water Overflow Preventive Co. Valve-locking mechanism.	832,106	Oct. 2	168	34-5	124	1255
Werner, Oscar, New York, N. Y. Seat suspension for motor-vehicles.	817,682	Apr. 10	2224	476	121	1901
Wernli, Frank P. (See Lucke and Wernli.)						
Wersel, George N., Cincinnati, Ohio. Sofa-bed.	809,657	Jan. 9	2126	440	120	497
Wert, Cyrus S., Kendallville, Ind. Concrete-mixer.	829,561	Aug. 28	3835	814-15	123	2736
Wert, William H. (See Rader and Wert.)						
Werth, Henry, and F. W. French, Oakland, Cal. Cultivator-tooth.	829,562	Aug. 28	3836	815	123	2736
Wertz, Joseph E., Newhaven, assignor of one-half to W. E. Day, Connelville, Pa. Electric pressure-indicator.	816,407	Mar. 27	4949	1051	121	1232
Wertz, Merrian N., Thomasville, Ga. Swinging hammock.	812,387	Feb. 13	1762	386	120	1925
Wescott, Charles O., assignor of one-fourth to F. P. Roberts, Puyallup, Wash. Track-laying machine.	825,366	July 10	1357	286	123	371
Wescott, Charles O., and F. P. Roberts, Puyallup, Wash. Track-laying machine.	831,757	Sept. 25	3742	783	124	1040
Wesel, Ferdinand. (See Albert, Eugen, assignor.)						
Wesel, Ferdinand, Brooklyn, N. Y. Folio-mortising machine.	812,756	Feb. 27	4451	983-4	120	2601
Wesel, Ferdinand, Brooklyn, N. Y. Metal-cutting machine.	816,198	Mar. 27	4496	954	121	1136
Weser, George W., New York, N. Y. Piano.	824,224	June 26	3949	846	122	2753
Weser, John A. (See Kuster, Charles A., assignor.)						
Weser, John A., New York, N. Y. Piano.	818,496	Apr. 24	3870	833	121	2367
Weser, Joseph F., Pittsburg, Pa. Regulating-spring.	811,346	Jan. 30	5554	1159	120	1366
Wesler, Frederick. (See MacMahon and Wesler.)						
Wesley, Joseph J., New York, N. Y. Panel-board.	839,530	Dec. 25	4476	955	125	2590
Wesp, Christian, Buffalo, N. Y. Shifting-seat carriage.	821,910	May 29	5861	1246	122	1538
Wessel, Julius, New York, N. Y. Waterproofing composition.	823,246	June 12	2078		122	2231
Wessell, George, Brooklyn, N. Y. Voice attachment for artificial animals.	836,351	Nov. 20	2884	612	125	812
Wessels, Herman, Laurel, Iowa. Stand.	830,943	Sept. 11	2066	443	124	556
Wessling, Rudolf C., Cotati, Cal. Gate.	814,103	Mar. 6	201	40	121	44
Wessinger, Henry J., Duluth, Minn. Latch-operating mechanism for dredges.	820,456	May 15	2902	631	122	768
Wessoleck, August, West New Brighton, N. Y. Shade-supporting device.	811,465	Jan. 30	5756	1205	120	1407
Wesson, Isaac A., Wingo, Ky. Churn-power.	839,349	Dec. 25	4097	880	125	2498
Wesson, Joseph. (See Davidson and Wesson.)						
Wesson, Joseph H., Springfield, Mass. Firearm.	811,807	Feb. 6	512	114	120	1595
Wesson, Joseph H., Springfield, Mass. Firearm.	818,721	Apr. 24	4355	933	121	2473
Wesson, Joseph H., and H. W. Bull, Springfield, Mass. Rebounding mechanism.	835,380	Nov. 6	1014	216	125	257
West, Alexander L., Gowrie, Iowa. Strainer.	811,754	Feb. 6	406	88-9	120	1575
West, Arthur J., assignor to Sight Feed Oil Pump Company, Milwaukee, Wis. Oil-pump motor.	821,147	May 22	4355	926	122	1148
West, Charles W., Cedar Rapids, Iowa. Manure-spreader feed mechanism.	810,449	Jan. 23	3776	778	120	943
West, Eugene, Syracuse, N. Y. Spacing and marking device.	827,487	July 31	5799	1203	123	1523
West, Frank L., and C. J. Kortz, Cleveland, Ohio. Wire-hook bill-file.	823,654	June 19	2886	610	122	2466
West, Fred A., Portage, Wis. Centrifugal cream-separator.	816,199	Mar. 27	4499	954-5	121	1136
West, George E., Scranton, Pa. Adjustable shade and lace-curtain fixture.	822,226	May 29	6470	1373	122	1677
West, George M., Los Angeles, Cal. Automobile aerial navigator.	838,673	Dec. 18	2788	598	125	2131
West, Harry S., Chicago, Ill. Pipe-wrench.	824,836	July 3	322	59	123	89
West, Harry W., Victoria, British Columbia, Canada. Saw-set.	832,941	Oct. 9	1862	386	124	1699
West, Henry, Galesburg, Ill. Trolley.	832,712	Oct. 9	1399	283	124	1589
West, James F., and W. O. Cowley, Wichita, Kans. Mixing-machine.	833,014	Oct. 9	1990	416	124	1731
West, Joel W. (See Jones, John W., assignor.)						
West, John J., Inman, S. C. Water-elevator.	833,860	Oct. 23	3758	799	124	2260
West Leechburg Steel Co. (See Conklin, William F., assignor.)						
West, Louis G. M., Baltimore, Md. Lubricator.	821,072	May 22	4206	894	122	1114
West, Mansfield M., Cleveland, Ohio. Plate for soles and heels of shoes.	811,605	Feb. 6	135	29	120	1515
West, Ralph H., Vandergrift, Pa. Mold for casting chilled rolls.	830,692	Sept. 11	1627	336-7	124	437
West Supply Company. (See Kaufman, Frank, assignor.)						
West, Thomas E. (See Bromley and West.)						
West, Walter D., and V. Mauck, Conshohocken, Pa. Apparatus for treating textile fabrics.	823,834	June 19	3215	679-80	122	2536
Westbrook, John J., Danville, Va. Slack-cable stop for elevators.	830,944	Sept. 11	2098	443	124	556
Westburg, Gustav B., Spokane, Wash. Gage.	838,674	Dec. 18	2790	598	125	2132

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Westby, Ingolf J., Kinloss, N. D. Safety-box.....	822,032	May 29	6091	1297-8	122	1589
Westby, Johannes S., Milwaukee, Wis. Knockdown table.....	827,834	Aug. 7	286	59	123	1742
Westcott, Charles B. (See Oliver and Westcott.)						
Westcott, Valorus S., Pawtucket, and F. W. Potter, Central Falls, R. I. Sliver-evening device for drawing-frames. (Reissue).....	12,478	May 8	2746	597-8	122	673
Westenhaver, Lee, <i>et al.</i> (See McCollum, Joseph C., assignor.)						
Westenholz, Thomas F., Hellerup, Denmark. Time gas lighting and extinguishing apparatus.....	827,592	July 31	5999	1248	123	1572
Westenhuber, Joseph, and A. Wehrle, Toledo, Ohio. Forming hollow concrete bodies.....	838,226	Dec. 11	1914	410	125	1874
Westerman, William H., Marietta, Ohio. Working barrel for oil and other pumps.....	814,491	Mar. 6	991	203	121	216
Western Clock Manufacturing Company. (See Klein, Joseph, assignor.)						
Western Composite Brick Company. (See Pumphrey, Elijah F., assignor.)						
Western Electric Company. (See Albright, Henry F., assignor.)						
Western Electric Company. (See André, Henri E. A., assignor.)						
Western Electric Company. (See Bullard, Albert M., assignor.)						
Western Electric Company. (See Bullard and Matthies, assignors.)						
Western Electric Company. (See Conner, Merritt S., assignor.)						
Western Electric Company. (See Craft, Edward B., assignor.)						
Western Electric Company. (See Crane, Henry M., assignor.)						
Western Electric Company. (See Crawford, John G., assignor.)						
Western Electric Company. (See Dean, William W., assignor.)						
Western Electric Company. (See Du Bois, Alexander D., assignor.)						
Western Electric Company. (See Enochs, Claude D., assignor.)						
Western Electric Company. (See Gilchrest, Charles C., assignor.)						
Western Electric Company. (See Gilman, Francis L., assignor.)						
Western Electric Company. (See Hendry, William F., assignor.)						
Western Electric Company. (See Holmes and Craft, assignors.)						
Western Electric Company. (See Kilpatrick, James L., assignor.)						
Western Electric Company. (See McBerty, Frank R., assignor.)						
Western Electric Company. (See McBerty and Craft, assignors.)						
Western Electric Company. (See McGrath, Maurice K., assignor.)						
Western Electric Company. (See McQuarrie, James L., assignor.)						
Western Electric Company. (See O'Connell, Joseph J., assignor.)						
Western Electric Company. (See Opitz, Joseph, assignor.)						
Western Electric Company. (See Pieringer, Joseph, assignor.)						
Western Electric Company. (See Roberts, John G., assignor.)						
Western Electric Company. (See Scribner, Charles E., assignor.)						
Western Electric Company. (See Smythe, Edwin H., assignor.)						
Western Electric Company. (See Wait, Henry H., assignor.)						
Western Electric Company. (See Warren, Joseph H., assignor.)						
Western Electric Company. (See Warren, William H., assignor.)						
Western Electric Company. (See Wellman, Harold R., assignor.)						
Western Gas Engine Company. (See Welcome, Solon B., assignor.)						
Western Implement Company. (See Neuens, Michael W., assignor.)						
Western Implement Manufacturing Co. (See Barlow, John W., assignor.)						
Western Inspection Company. (See Matteson, Edward D., assignor.)						
Western Iron Works. (See Smith and Welcome, assignors.)						
Western Iron Works. (See Welcome, Solon B., assignor.)						
Western Parent Crude Rubber Company. (See Spencer, Benjamin F., assignor.)						
Western Patent Right and Investment Company. (See Bush, Harry E., assignor.)						
Western Steel & Iron Works. (See Van de Walker and Jenney, assignors.)						
Western Syndicate. (See Jacobs, Insell, Newton, and Bowden, assignors.)						
Western Telegraph Company. (See Rugh, Harry O., assignor.)						
Western Tool and Manufacturing Company. (See Lutz, John W. and C. O., assignors.)						
Western Tool and Manufacturing Company. (See Shafer, Charles T., assignor.)						
Western Union Telegraph Company. (See Barclay, John C., assignor.)						
Western Wheeled Scraper Co. (See Bunnell, Morton G., assignor.)						
Western Wheeled Scraper Company. (See McKnight, Thomas R., assignor.)						
Westerson, Oscar A. (See Mellquist and Westerson.)						
Westgaard, Levi, Velva, N. D. Animal-trap.....	830,693	Sept. 11	1643	337	124	443
Westgate, Stillman E. (See Finelly, Thomas, assignor.)						
Westhoff, John A., O'Fallon, Mo. Railway-tie.....	835,339	Nov. 6	933	197-8	125	236
Westinghouse Air Brake Company. (See Blackall, Robert H., assignor.)						
Westinghouse Air Brake Company. (See Brislin, Andrew J., assignor.)						
Westinghouse Air Brake Company. (See Clark, Francis L., assignor.)						
Westinghouse Air Brake Company. (See Clark and Turner, assignors.)						
Westinghouse Air Brake Company. (See Curran, James L., assignor.) (Reissue.)						
Westinghouse Air Brake Company. (See Custer, John S., assignor.)						
Westinghouse Air Brake Company. (See Dewson, Edward H., assignor.)						
Westinghouse Air Brake Company. (See Farmer, Clyde C., assignor.)						
Westinghouse Air Brake Company. (See Henderson and Turner, assignors.)						
Westinghouse Air Brake Company. (See Inches and Hosker, assignors.) (Reissue.)						
Westinghouse Air Brake Company. (See Krimmelbein, Leopold, assignor.)						
Westinghouse Air Brake Company. (See Mason and Farmer, assignors.)						
Westinghouse Air Brake Company. (See Newell, Frank C., assignor.)						
Westinghouse Air Brake Company. (See Turner, Walter V., assignor.)						
Westinghouse Air Brake Company. (See Turner and Custer, assignors.)						
Westinghouse Air Brake Company. (See Turner and Lewis, assignors.)						
Westinghouse Air Brake Company. (See Turner and Wright, assignors.)						
Westinghouse Air Brake Company. (See Westinghouse, Henry H., assignor.)						
Westinghouse Air Brake Company. (See Winsor, Paul, assignor.)						
Westinghouse Air Brake Company. (See Wright and Turner, assignors.)						
Westinghouse Automatic Air & Steam Coupler Company. (See Niederlander, Nicholas F., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Abtmeyer, Theodore, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Bates, Ralph E., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Bradshaw, William M., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Cooper, William, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Daus, Adolph H., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Elers, Karl F., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Foot, William H., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Hallock, Fletcher D., assignor.)						
Westinghouse Electric and Manufacturing Company. (See Hutin and Leblanc, assignors.)						

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Pr. g.	Vol.	Page.
Westinghouse Electric & Manufacturing Company. (See Jackson, Ray P., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Kunkel, Fred R., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Lamme, Benjamin G., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Leblanc, Maurice, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Lehr, Edwin E., assignor.)						
Westinghouse Electric & Manufacturing Company. (See McCoy, Walter E., assignor.)						
Westinghouse Electric & Manufacturing Company. (See McMahan, Hugh J., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Mills, Chester B., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Nicholson, Samuel L., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Paton, John D., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Perkins, Thomas S., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Perkins and Jackson, assignors.)						
Westinghouse Electric & Manufacturing Company. (See Psilander, Charles A., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Ryan, Harris J., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Sieber, Ferdinand, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Siegfried, Robert, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Siegfried and Storer, assignors.)						
Westinghouse Electric & Manufacturing Company. (See Stuart, Harve R., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Tingley, Egbert M., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Webster, John E., assignor.)						
Westinghouse Electric & Manufacturing Company. (See Wikander, Ragnar, assignor.)						
Westinghouse Electric & Manufacturing Company. (See Wilbur, Samuel P., assignor.)						
Westinghouse, George. (See Armor, James C., assignor.)						
Westinghouse, George. (See Bennett, Edward, assignor.)						
Westinghouse, George. (See Gow, Alexander M., assignor.)						
Westinghouse, George. (See Hanks, Marshall W., assignor.)						
Westinghouse, George. (See Potter, Henry N., assignor.)						
Westinghouse, George. (See Shepard, Francis H., assignor.)						
Westinghouse, George, Pittsburg, Pa. Supporting structure for trolley-conductors.	814,339	Mar. 6	698	140	121	153
Westinghouse, George, Pittsburg, Pa. Fluid-pressure turbine.	816,516	Mar. 27	5155	1093-4	121	1277
Westinghouse, George, Pittsburg, Pa., assignor to Westinghouse Machine Company.						
Metallic packing.	833,273	Oct. 16	2531	529	124	1917
Westinghouse, Henry H. (See Morse, Frank L., assignor.)						
Westinghouse, Henry H., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.	836,160	Nov. 20	2494	524	125	717
Westinghouse Machine Company. (See Flanders, Louis H., assignor.)						
Westinghouse Machine Company. (See Longwell and Hodgkinson, assignors.)						
Westinghouse Machine Company. (See Westinghouse, George, assignor.)						
Westlake, Charles T. (See Pfleger, Westlake, and Howard.)						
Westlake, Charles T., St. Louis, Mo. Car-truck.	819,480	May 1	892	195	122	199
Westlake, Charles T., assignor to Davis Locomotive Wheel Company, St. Louis, Mo. Counterbalancing crank-wheels.	823,750	June 19	3049	645	122	2498
Westlake, Charles T., assignor to Double Body Bolster Company, St. Louis, Mo. Car-truck.	833,813	Oct. 23	3653	780	124	2234
Westlake, Charles T., assignor to Transom Draft Gear Company, St. Louis, Mo. Draft-gear for railway-cars.	839,350	Dec. 25	4098	880	125	2498
Westlake, Charles T., St. Louis, Mo., and A. R. Thomas, Granite City, Ill., assignors to Davis Locomotive Wheel Company, St. Louis, Mo. Draft-gear for locomotives and railway-cars.	820,375	May 8	2728	594	122	670
Westlake, Charles T., St. Louis, Mo., and A. R. Thomas, Granite City, Ill., assignors to Davis Locomotive Wheel Company, St. Louis, Mo. Means for balancing crank-wheels.	823,012	June 12	1565	324-5	122	2119
Westlake, Joseph W., Marysville, Ohio. Fence-post.	823,655	June 19	2887	610	122	2466
Westlake, Joseph W., Marysville, Ohio. Fence-post.	835,719	Nov. 13	1654	351	125	461
Westman, Charles D., Richmond, Va. Carpet-cleaning device.	838,290	Dec. 11	2047	441	125	1905
Westman, Gustaf M., New York, N. Y. Reducing iron ore.	812,247	Feb. 13	1485	325	120	1863
Westman, Leroy A., Cleveland, Ohio. Screw-thread cutter.	818,007	Apr. 17	2908	628	121	2110
Westney, William, Scotland, Conn. Vehicle-tire.	830,267	Sept. 4	754	154	124	189
Weston, Charles B. (See O'Hare and Weston.)						
Weston, Dyson, et al. (See Avery and Pearce, assignors.)						
Weston, Edward B., Dayton, Ohio. Display-rack.	827,050	July 24	4787	999	123	1258
Weston, Francis, Newberry, Fla. Water-box.	838,599	Dec. 18	2637	568	125	2095
Weston, George. (See Weston, William E. and G.)						
Weston, Grace M. G., Newton, Mass. Rubber sponge.	837,759	Dec. 4	963	217	125	1594
Weston, Herbert T., Beatrice, Nebr. Counter.	818,591	Apr. 24	4077	875	121	2411
Weston, Irving A., Syracuse, N. Y. Massage instrument.	827,133	July 31	4986	1041	123	1321
Weston, James H. (See Wagner and Weston.)						
Weston, Leroy A., Adams, Mass. Hose and hydrant connection.	812,625	Feb. 13	2230	486	120	2018
Weston, Milton T., assignor of one-half to W. F. Hutchinson, Nyack, N. Y. Power-hammer.	809,348	Jan. 9	1489	300	120	363
Weston, Thomas R. (See Hornsby and Weston.)						
Weston, William E. and G., Kansas City, Mo. Mail-box.	815,770	Mar. 20	3618	760	121	895
Weston, William S., Chicago, Ill. Means for manufacturing composite rail-braces.	839,531	Dec. 25	4477	955	125	2590
Weston, William S., Chicago, Ill., assignor to Buda Foundry & Manufacturing Company. Railway switch-rod.	822,413	June 5	353	74	122	1803
Westover, George A., Westhope, N. D. Belt shifter and replacer.	820,457	May 15	2905	631	122	768
Westover, Henry J., Mount Vernon, N. Y. Apparatus for analysis of gases.	833,274	Oct. 16	2533	529-30	124	1917
Westphal, Albert G. (See Parfitt, Arthur W., assignor.)						
Westphal, August. (See Jürgens and Westphal.)						
Wetherbee, Leslie, Adrian, Mich. Stovepipe-holder.	814,254	Mar. 6	500	103	121	107
Wetherell, Winford C., Fall River, Mass. Machine for tying a slip-noose.	839,241	Dec. 25	3888	836-7	125	2446
Wetherhold, Oscar B. (See Kachline, John F., assignor.)						
Wettenhall, Marcus E., Pomona, near Stawell, Victoria, Australia. Fruit-grading machine.	833,991	Oct. 23	4162	883	124	2355
Wetter Numbering Machine Company. (See Dill, Peter R., assignor.)						
Wettlaufer, George, Stratford, Canada. Machine for making brick and artificial stone.	825,166	July 3	954	202	123	249
Wetmore, Willis H., assignor to C. A. Lee, Oneida, N. Y. Mop-wringer.	818,722	Apr. 24	4357	933	121	2473
Wetzel, Charles E. (See Christian and Wetzel.)						
Wetzel, Frederick L., assignor to Columbia Biscuit Company, St. Louis, Mo. Carrier-crate.	821,684	May 29	5426	1155	122	1437
Wetzel, Lewis C., assignor to Advance Machinery Company, Toledo, Ohio. Dovetailing-machine.	824,894	July 3	439	86-7	123	119
Wetzler, Ferdinand, and M. Ornstein, New York, N. Y. Advertising projecting apparatus.	812,105	Feb. 6	1142	250-1	120	1721
Wever, La Fayette T., Crawfordville, Fla. Railway-switch.	823,453	June 12	2454	519	122	2309
Wever, La Fayette T., assignor of one-half to J. M. Towles, Crawfordville, Fla. Wrench.	819,192	May 1	303	65	122	75

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Disg.	Vol.	Page.
Wever, La Fayette T., Crawfordville, assignor of two-thirds to J. D. and C. A. Cay, Tallahassee, Fla. Railway-switch	821,772	May 29	5603	1194	122	1479
Wever, Sebern J., Sheller, Ill. Carpet-stretcher	809,545	Jan. 9	1890	393	120	449
Wever, Sebern J., Sheller, Ill. Table-spread support	809,546	Jan. 9	1891	393	120	449
Weyand, Paul A., Maywood, Ill. Electric-motor-controller regulator	810,240	Jan. 16	3296	683	120	802
Weyburn, Lewis A. (See Sperry, Charles F., assignor.)						
Weyburn, Lewis A., Rockford, Ill. Calk for horseshoes	812,966	Feb. 20	2896	638	120	2207
Weyer, Joseph G., Providence, R. I. Forming molds for casting purposes	813,605	Feb. 27	4172		120	2542
Weyer, Joseph G., Providence, R. I. Composition for molds	816,833	Apr. 3	569		121	1486
Weyers & Cie., A. (See Neumann, Engelbert, assignor.)						
Weyl, Maurice N., Philadelphia, Pa. Photomechanical multicolor-printing	809,157	Jan. 2	1055	219	120	232
Weymar, Adolph, New York, N. Y. Mechanical movement	833,272	Oct. 16	2530	528	124	1917
Weymar, Emil, Mühlhausen, Germany. Apparatus for cleaning bottles	836,291	Nov. 20	2773	589	125	788
Whalen, Augustus P., South Portland, Me. Combined faucet and filter	816,517	Mar. 27	5160	1094	121	1279
Whalen, John T., Brooklyn, N. Y. Vehicle-recorder	811,015	Jan. 30	4905	1023	120	1226
Whalen, Michael H., New York, N. Y. Journal-box	817,683	Apr. 10	2226	477	121	1901
Whaler, John H., Canton, Ohio. Drinking-fountain for fowls	815,885	Mar. 20	3863	819	121	945
Whaley, William L., and H. L. Loring, Chicago, Ill. Tooth-brush	829,449	Aug. 28	3590	755	123	2674
Whall, Richard A., assignor of one-half to Metropolitan Air Goods Company, Reading, Mass. Pneumatic mattress, cushion, &c.	818,321	Apr. 17	3542	759	121	2243
Whalley, Christopher, Clitheroe, England. Weft-replenishing loom	809,158	Jan. 2	1057	219	120	232
Wharton, Charles, Jr., Pittsburg, Pa. Flower-box and jardinière	837,524	Dec. 4	482	110	125	1476
What Cheer Tool Company. (See Bohy, Aimé, assignor.)						
What Cheer Tool Company. (See Walker, Alexander, assignor.)						
Whealon, Francis O., St. Paul, Minn., assignor to International Railway Device Company. Locomotive	819,828	May 8	1588	337-8	122	418
Whealy, George H. (See Hawley and Wheary.)						
Wheary, George H., assignor to Hartmann Trunk Company, Racine, Wis. Garment-hanger support	838,828	Dec. 18	3070	661	125	2201
Wheeler, Richard, Novinger, Mo. Drilling-machine	833,189	Oct. 16	2360	494	124	1873
Wheatley, Arthur, assignor to Twentieth Century Roller Washer Co., Philadelphia, Pa. Washing-machine	817,826	Apr. 17	2535	545	121	2026
Wheatley, Arthur, assignor to Convertible Couch and Chair Company, Philadelphia, Pa. Convertible couch	834,427	Oct. 30	5087	1080	124	2632
Wheatley, Jesse, East Molesey, England. Railway signaling apparatus	810,011	Jan. 16	2811	580-2	120	702
Wheatley, Thomas, Syracuse, N. Y. Air-valve	813,606	Feb. 27	4174	916	120	2542
Wheatley, Thomas, Syracuse, N. Y. Air-valve for radiators	835,720	Nov. 13	1655	351	125	461
Wheaton, Almeron F., Menlo, Wash. Snatch-block	821,148	May 22	4357	927	122	1149
Wheaton, Elmer, Chicago, Ill. Coin-controlled vending-machine	825,569	July 10	1821	387	123	486
Whedon, James P., Chicago, Ill. Medical appliance	817,288	Apr. 10	1475	309	121	1742
Wheeler, Albert G., Jr., trustee. (See Compton, Melvin D., assignor.)						
Wheeler, Charles H., Lincoln, Ill. Display-stand	817,353	Apr. 10	1595	337	121	1769
Wheeler, Charles V., and A. G. McKenna, Pittsburg, Pa., assignors to Firth Sterling Steel Company. Projectile and its band	815,992	Mar. 27	4065	861	121	1041
Wheeler, Clifton H., assignor, by mesne assignments, to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Condenser	818,322	Apr. 17	3543	759	121	2243
Wheeler, Clifton H., and J. J. Mullan, assignors, by mesne assignments, to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Condenser	817,458	Apr. 10	1817	381	121	1816
Wheeler, Clifton H., Philadelphia, Pa., and L. L. Pratt, Milford, Del., assignors, by mesne assignments, to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Cooling-tower	821,561	May 22	5160	1101	122	1323
Wheeler, Earl A., deceased, (W. W. Shilling, executor,) and W. Heckert, Sharon, Pa. Automobile-wheel	811,112	Jan. 30	5072	1060	120	1261
Wheeler, Ezekiel, Kingfisher, Okla. Ter. Metallic rail tie and chair	819,481	May 1	894	195	122	200
Wheeler, Frank C., Montgomery, Ala. Breakdown truck	830,945	Sept. 11	2100	444	124	557
Wheeler, Frank T., assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Panel cut-out and receptacle	809,873	Jan. 9	2513	522	120	586
Wheeler, Frank T., assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Conduit-receptacle	825,995	July 17	2682	556	123	718
Wheeler, Frank T., Southington, assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Cut-out	829,043	Aug. 21	2715	569	123	2409
Wheeler, George A., New York, N. Y. Card-file	814,816	Mar. 13	1649	346	121	419
Wheeler, George A., New York, N. Y. Card-index	814,817	Mar. 13	1651	346	121	420
Wheeler, George E., assignor of two-thirds to W. W. Copeland and H. G. Shelby, Burlington, Iowa. Shipping-crate	820,536	May 15	3084	663	122	808
Wheeler, Harold L., Buffalo, N. Y. Camera-support	817,207	Apr. 10	1311	273	121	1709
Wheeler, Harvey C., et al. (See Tayman, Franklin S., assignor.)						
Wheeler, Harvey C., Boston, Mass. Towel-cabinet	825,436	July 10	1535	317	123	418
Wheeler, James M. (See Crane and Wheeler.)						
Wheeler, Joseph, assignor of one-half to H. Brown, Philadelphia, Pa. Circular independent-needle knitting-machine	822,564	June 5	652	133-4	122	1869
Wheeler Manufacturing Company. (See Kiewicz, John, assignor.)						
Wheeler, Matthias, St. Louis Park, and C. Spencer, St. Paul, assignors to Fosston Wind Stack Company, Minneapolis, Minn. Wind-stacker	832,283	Oct. 2	537	101-2	124	1343
Wheeler, Riley B. (See Crowder and Wheeler.)						
Wheeler, Seth, Albany, N. Y. Dispensing-cabinet	810,100	Jan. 16	3004	626	120	746
Wheeler, Seth, Castleton, N. Y. Paper-cabinet	819,482	May 1	895	195-6	122	200
Wheeler, Seth, Castleton, N. Y. Producing packages of interfolded sheets	821,562	May 22	5162	1101	122	1324
Wheeler, Seth, Castleton, N. Y. Producing interfolded paper packages	837,892	Dec. 4	1209	268	125	1654
Wheeler, Wells, East Pittsburg, assignor of one-half to F. W. Chattin, Butte, Pa. Pneumatic tool	835,589	Nov. 13	1417	304	125	403
Wheeler, William A. (See Sheridan and Wheeler.)						
Wheeler, William A., Indianapolis, Ind. Mail-box	816,200	Mar. 27	4500	955	121	1137
Wheeler & Wilson Manufacturing Company. (See Abercrombie, Charles M., assignor.)						
Wheeler & Wilson Manufacturing Company. (See Abercrombie, William R., assignor.)						
Wheeler & Wilson Manufacturing Company. (See Dimond and Dial, assignors.)						
Wheeler & Wilson Manufacturing Company. (See Eames and Finch, assignors.)						
Wheeler & Wilson Manufacturing Company. (See Gray, Charles F., assignor.)						
Wheeler & Wilson Manufacturing Company. (See Laubscher, Alexander, assignor.)						
Wheeler & Wilson Manufacturing Company. (See Neely, William A., assignor.)						
Wheeler & Wilson Manufacturing Company. (See Noble and Finch, assignors.)						
Wheeler & Wilson Manufacturing Company. (See Porter, Washington I., assignor.)						
Wheeling Corrugating Company. (See Grafton, Frank H., assignor.)						
Wheelock, Albert A. (See Barton, Lyman G., assignor.)						
Wheelock, Etta W., East Milton, Mass. Guard for open railway-cars	822,703	June 5	957	195	122	1940
Wheelock, Frank H., Washington, D. C. Hot-water radiator	830,946	Sept. 11	2102	444	124	557

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prig.	Vol.	Page.
Wheelock, Frank H., assignor to Patent Fin Hot Water Heating Company, Washington, D. C. Means or device for improving the circulation and augmenting the heating capacity of the fluid in heating systems.	830,268	Sept. 4	754	154	124	189
Wheelock, George L., New York, N. Y. Paper-fastener.	837,363	Dec. 4	173	41	125	1399
Wheildon, William M., assignor of one-half to D. W. Sutherland, Boston, Mass. Loose-leaf binder.	814,492	Mar. 6	992	204	121	216
Wheildon, William M., assignor of one-half to D. W. Sutherland, Boston, Mass. Loose-leaf binder.	835,340	Nov. 6	934	198	125	236
Wheless, Thomas H., New York, N. Y. Construction of submarine boats.	811,886	Feb. 6	675	148	120	1628
Wheless, Thomas H., New York, N. Y. High-speed motor-boat.	811,887	Feb. 6	678	148-9	120	1628
Wheless, Thomas H., New York, N. Y. Torpedo conveying and launching apparatus.	815,393	Mar. 20	2860	594-6	121	729
Wheless, Thomas H., New York, N. Y. Automobile torpedo.	818,987	Apr. 24	4867	1045-6	121	2584
Wheless, Thomas H., New York, N. Y. Submarine boat.	822,565	June 5	658	135-6	122	1871
Whellams, Creasey J., St. Paul, Minn. Window-screen.	822,227	May 29	6471	1373	122	1677
Whelpley, Charles E., assignor of one-half to A. W. Clark, Montpelier, Vt. Cork buffer.	833,653	Oct. 16	3318	706	124	2106
Whetham, Charles, Sheffield, Canada. Temporary binder.	808,793	Jan. 2	340	74	120	76
Whigham, William, assignor to Carnegie Steel Company, Pittsburg, Pa. Metallic tie and rail-fastening.	819,483	May 1	897	196	122	200
Whipkey, Milton S., Barronvale, Pa. Blue-print frame.	830,269	Sept. 4	756	154	124	189
Whipple, Chauncey F., et al. (See Sewett, Robert D., assignor.)						
Whipple, Henry E., and H. W. Blaisdell, Los Angeles, Cal.; said Whipple assignor to said Blaisdell. Distributor.	833,704	Oct. 16	3418	728	124	2129
Whipple, Joel N., assignor to Landis Machine Company, St. Louis, Mo. Presser-foot and mechanism for operating the same.	812,159	Feb. 6	1273	279	120	1749
Whirl Pleasure Railroad Company. (See Bragg, Arthur, assignor.)						
Whisler, Albert D., Benton Ridge, Ohio. Building-block.	837,163	Nov. 27	4550	965	125	1254
Whisler, Albert D., Benton Ridge, Ohio. Mold.	837,760	Dec. 4	964	217	125	1594
Whistler, David B. (See Ohmer, Hill, Whistler, and McAllister.)						
Whistler, David B., assignor to Recording and Computing Machines Company, Dayton, Ohio. Operating mechanism for fare-registers.	839,684	Dec. 25	4777	1021-2	125	2662
Whistler, David B., assignor to Recording and Computing Machines Company, Dayton, Ohio. Operating mechanism for fare-registers.	839,685	Dec. 25	4782	1022-3	125	2664
Whitaker, Elijah J. B., New York, N. Y. Swinging door.	839,686	Dec. 25	4786	1023	125	2666
Whitaker, Frederick E., New Haven, Conn. Copy-holder.	823,908	June 19	3354	715	122	2567
Whitaker, John. (See Dy Arman, George W., assignor.)						
Whitaker, John S., Portsmouth, N. H., and H. P. Wood, Brooklyn, assignors to Consolidated Engine Stop Company, New York, N. Y. Transfer-switch for testing circuits.	815,993	Mar. 27	4067	861	121	1041
Whitaker, Joseph W., Noble, Ill. Coffee and tea pot.	820,897	May 15	3818	815	122	969
Whitaker, Richard, New Brunswick, N. J., assignor to Brunswick Refrigerating Company. Gas-pump.	821,563	May 22	5163	1102	122	1324
Whitaker, Sarah D. (See Dunn and Whitaker.)						
Whitall Tatum Company. (See Meinecke, Christian W., assignor.)						
Whitcher, Charles H., Ipswich, Mass. Knitting-machine.	812,314	Feb. 13	1625	357	120	1896
Whitcher, Frank W. (See Pinkham, Charles F., assignor.)						
Whitcher, Frank W., Boston, Mass. Lacing.	828,525	Aug. 14	1686	355	123	2115
Whitcomb, Beecher D., Shawomet Beach, assignor of one-half to G. M. Bronson, Providence, R. I. Automatic overhead-trolley contact device for operating electric signals.	815,499	Mar. 20	3053	637	121	773
Whitcomb, Byron J., Kennebunk, Me. Adjustable shelf.	834,095	Oct. 23	4402	936	124	2414
Whitcomb, Daniel F., Cleveland, Ohio. Telephone-directory.	828,161	Aug. 7	929	190-1	123	1898
Whitcomb, Daniel F., Cleveland, assignor of one-half to A. J. Kohne, Toledo, Ohio. Station-indicator for railways.	832,438	Oct. 2	838	162-3	124	1414
Whitcomb, John, Gold Hill, Nev. Table.	836,229	Nov. 20	2634	554	125	751
Whitcomb, William C., Chicago, Ill. Lifting-jack.	826,132	July 17	2947	612	123	782
Whitcomb, William C., Chicago, Ill. Drilling-tool.	836,845	Nov. 27	3891	831	125	1096
Whitcomb, William C., Chicago, Ill. Rock-drill.	836,846	Nov. 27	3892	831	125	1096
Whitcomb, William C., Chicago, Ill., assignor to George D. Whitcomb Company. Knitting-machine.	838,065	Dec. 11	1575	337-9	125	1789
White, Albert E., Eau Claire, Wis. Saw-swage.	816,695	Apr. 3	300	70	121	1427
White, Albert S., and G. L. Gardner, New Orleans, La. Turpentine-cup.	832,515	Oct. 2	986	198	124	1449
White, Andrew J., Mertens, Tex. Lifting-jack, clamp, and wire-stretcher.	823,149	June 12	1853	383	122	2179
White, Archie. (See Maloy and White.)						
White, Arthur, Sheboygan Falls, Wis. Dry-kiln.	838,227	Dec. 11	1915	411	125	1874
White, Arthur S. (See Watson, Leslie J., assignor.)						
White, Benjamin F., Thayer, Mo. Coop, crate, and other similar structure.	838,484	Dec. 11	2410	523-4	125	1995
White Brass Castings Co. (See De Cardy, Frederick, assignor.)						
White, Bruce C. (See George, Shortle, and White.)						
White, Bruce C., Mosgrove, Pa. Ladle.	820,613	May 15	3214	690-1	122	836
White, Bruce C., Mosgrove, Pa. Manufacture of glass sheets.	831,914	Sept. 25	4083	851	124	1125
White, Bruce C., Chicago, Ill. Manufacture of glass plates.	835,148	Nov. 6	554	112-13	125	141
White, Charles E., New Britain, Conn., assignor to American Type Founders' Company, New York, N. Y. Machine for making paper boxes.	824,769	July 3	162	28-30	123	48
White, Charles E., assignor to F. B. Cook, Chicago, Ill. Electrothermal device.	830,391	Sept. 4	998	209	124	246
White, Charles E., assignor to F. B. Cook, Chicago, Ill. Distributing-board.	835,268	Nov. 6	786	164	125	198
White, Charles E., assignor to F. B. Cook, Chicago, Ill. Electrical protective device.	838,066	Dec. 11	1582	339	125	1790
White, Charles H., Sparrows Point, Md. Safety gas-burner.	816,893	Apr. 3	687	142	121	1511
White, Charles W., Waco, Tex. Mattress-making machine.	813,470	Feb. 27	3904	856-7	120	2481
White, Charles W., Evansville, Ind. Sawmill-dog.	823,013	June 12	1567	325	122	2119
White, Corey O., and R. Wilcox; said Wilcox assignor to W. E. Brewer, Jackson, Mich. Cement block and post machine.	820,458	May 15	2907	632	122	769
White, Daniel T., Racine, Wis. Fountain attachment for brooms.	833,015	Oct. 9	1991	416	124	1731
White, Edgar L., Waco, Tex. Baling-press.	808,795	Jan. 2	343	74	120	76
White, Edward F., Quincy, Mass. Shoe-rack.	808,794	Jan. 2	342	74	120	76
White, Ernest C., Liberty, N. Y. Fastener for receptacles.	832,284	Oct. 2	539	102	124	1343
White, Francis M., Newkirk, Okla. Ter. Mold.	833,814	Oct. 23	3654	781	124	2235
White, Francis M., assignor of one-half to J. J. Langever, Fort Worth, Tex. Marine illusion apparatus.	828,791	Aug. 14	2196	466	123	2246
White, Frank C., assignor to Wilcox & White Company, Meriden, Conn. Tracker for automatic musical instruments.	825,629	July 10	1990	415	123	531
White, Frank C., and G. W. Haywood, assignors to Wilcox & White Co., Meriden, Conn. Tracker mechanism for automatic music-playing mechanisms.	822,033	May 29	6094	1298	122	1590
White, Franklin P., Shallotte, N. C. Vehicle-shaft brace.	824,895	July 3	443	87-8	123	119
White, Franklin R., assignor to Platt Brothers & Company, Waterbury, Conn. Fastener.	821,006	May 22	4070	866	122	1085
White, Franklin R., assignor to Platt Brothers & Company, Waterbury, Conn. Fastener.	821,007	May 22	4071	867	122	1086
White, Franklin R., assignor to Patent Button Company, Waterbury, Conn. Glove-fastener.	821,008	May 22	4072	866	122	1086

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
White, Frederick, Boston, Mass., assignor to Regenerated Cold Air Company, Portland, Me. Apparatus for treating air.	810,450	Jan. 23	3778	778-9	120	944
White, Frederick, South Boston, Mass., assignor to Regenerated Cold Air Company, Kittery, Me. Apparatus for treating air.	810,451	Jan. 23	3786	779	120	946
White, George, Jersey City, N. J. Transfer-press.	819,829	May 8	1591	338-9	122	419
White, George, Jersey City, N. J. Transfer-press.	821,911	May 29	5863	1246-7	122	1538
White, George H., Oil City, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Metal-cutting machine.	838,675	Dec. 18	2792	598-9	125	2132
White, George P., Wallace, Idaho. Molding-machine.	821,270	May 22	4578	974-5	122	1197
White, George W., Piedmont, Okla. Ter. Carpenter's angle-finder or roof-form.	828,792	Aug. 14	2199	467	123	2247
White, Harland E., Columbus, assignor of one-half to F. L. Woodbridge, Newark, Ohio. Power-transmission device.	838,600	Dec. 18	2637	568-9	125	2095
White, Harold E., Schenectady, N. Y., assignor to General Electric Company. Controller.	825,367	July 10	1359	287	123	372
White, Harold E., Schenectady, N. Y., assignor to General Electric Company. Motor-control system.	839,687	Dec. 25	4788	1023	125	2666
White, Henry R., Brainerd, Minn. Flame-regulator for lamp-burners.	824,395	June 26	4280	912	122	2820
White, Herbert E., assignor to General Fireproofing Company, Youngstown, Ohio. Machine for expanding metal.	819,484	May 1	899	196-7	122	200
White, Herbert E., assignor to General Fireproofing Company, Youngstown, Ohio. Machine for expanding metal.	821,685	May 29	5428	1155-6	122	1438
White, Herbert E., assignor to General Fireproofing Company, Youngstown, Ohio. Expanding sheet metal.	821,843	May 29	5740	1222	122	1510
White, James J., Chicago, Ill. Knockdown box.	816,622	Apr. 3	171	36	121	1399
White, John B., Buffalo, N. Y. Horseshoe.	824,395	July 10	1536	318	123	418
White, John C. (See Mueller and White.)						
White, John E., Moline, Ill. Clamp.	819,259	May 1	445	94	122	104
White, John F. (See Ormondroyd and White.)						
White, John F., Bloomington, Ill. Wagon-dump.	828,358	Aug. 14	1350	284-5	123	2029
White, John F., Bloomington, Ill. Wagon-dump.	838,067	Dec. 11	1584	340-1	125	1791
White, John F., Bloomington, Ill., assignor to Portable Wagon Dump and Elevator Company. Portable derrick.	818,645	Apr. 24	4205	904	121	2441
White, John F., Bloomington, Ill., assignor to Portable Wagon Dump and Elevator Company. Portable wagon-dump.	821,686	May 29	5430	1156-7	122	1438
White, John F., Bloomington, Ill., assignor to Portable Wagon Dump and Elevator Company. Wagon-jack.	833,949	Oct. 23	3960	841	124	2313
White, John H., Jersey City, assignor of one-half to A. B. Malcomson, West Orange, N. J. Gas-main bag.	827,835	Aug. 7	288	59	123	1742
White, John M., Ware Shoals, S. C. Shot-spreader.	820,459	May 15	2908	632	122	769
White, John M., Mapleton borough, assignor of two-thirds to F. O'Connor, Mapleton Depot, Pa., and R. T. Smith, Jr., Baltimore, Md. Drier.	834,696	Oct. 30	5612	1191	124	2768
White, Joseph, Boundbrook, N. J., assignor to Aluminum Press, New York, N. Y. Cylinder adjustment for printing-machines.	833,275	Oct. 16	2537	530	124	1918
White, Joseph, Boundbrook, N. J., assignor to Aluminum Press, New York, N. Y. Trip-motion for printing-machines.	833,276	Oct. 16	2539	531	124	1919
White, Joseph, Boundbrook, N. J., assignor to Aluminum Press Company, New York, N. Y. Printing-machine.	833,359	Oct. 16	2708	571	124	1963
White, Joseph A. (See Moore and White.)						
White, Joseph A., assignor to Moore & White Company, Philadelphia, Pa. Paper-winding machine.	817,025	Apr. 3	955	196-7	121	1571
White, Joseph A., assignor to Moore and White Company, Philadelphia, Pa. Paper-winding machine.	817,026	Apr. 3	958	197	121	1571
White, Joseph C. (See Shufflin and White.)						
White, Joseph W., Brighton, Iowa. Apparatus for lighting and extinguishing lamps.	835,652	Nov. 13	1543	330	125	433
White, Lewis B., Jersey City, N. J., assignor to Caloric King Furnace Company, Brooklyn, N. Y. Furnace.	829,450	Aug. 28	3591	755	123	2674
White Lily Washer Company. (See Plagman, Adolph, assignor.)						
White Lily Washer Company. (See Stoltenberg, Henry, assignor.)						
White Lily Washer Company. (See Victor, Alexander F., assignor.)						
White, Louis L., assignor to C. E. Ladd, Portland, Oreg. Brazing metals.	827,134	July 31	4988	1041	123	1322
White Mop Wringer Company. (See Reynolds and Sherwood, assignors.)						
White, Omer E., assignor to National Drill Company, Cambridge City, Ind. Grain-drill.	837,441	Dec. 4	325	77	125	1437
White, Orris O., assignor of one-half to V. H. Spencer, Garland, Pa. Boiler-feed regulator.	822,794	June 5	1108	230	122	1971
White, Otis C., Worcester, Mass. Support for electric lights.	827,199	July 31	5153	1069	123	1368
White, Paul H., Indianapolis, Ind. Excavating apparatus.	821,271	May 22	4581	975	122	1198
White, Phylander C., assignor of one-half to W. S. Brian, Memphis, Tenn. Planter.	815,771	Mar. 20	3620	760	121	895
White, Ripley J. (See Bigelow, Claude, assignor.)						
White, Roger S., Philadelphia, Pa., assignor to General Electric Company. Commutator.	832,353	Oct. 2	670	129	124	1373
White, Rollin H., assignor to White Sewing Machine Company, Cleveland, Ohio. Regulated heating mechanism for steam-generators.	829,451	Aug. 28	3593	756	123	2674
White, Royal C., Chicago, Ill. Filling apparatus for liquids.	809,764	Jan. 9	2317	480-1	120	542
White, Samuel K., Batavia, Ill., assignor to Smyth Manufacturing Company. Book-trimmer.	826,075	July 17	2839	589-90	123	756
White, Samuel K., Batavia, Ill., assignor to S. K. White Company. Paper-cutting machine.	839,351	Dec. 25	4100	881-2	125	2499
White Sewing Machine Company <i>et al.</i> (See Baumann, Gustav, assignor.)						
White Sewing Machine Company. (See White, Rollin H., assignor.)						
White, Thomas C., St. Louis, Mo. Wood strain-insulator.	822,642	June 5	830	169	122	1911
White, Thomas E., Okisko, N. C. Hat-pin.	818,323	Apr. 17	3544	759	121	2244
White, Thomas L. (See Barker and White.)						
White, Wallace, Lawrence, Mass. Refining-engine.	830,125	Sept. 4	457	92	124	115
White, Walter H., assignor of one-half to B. F. Windsor, Kenosha, Wis. Acetylene-gas generator.	825,368	July 10	1361	287	123	372
White, Willard S., Chattanooga, Tenn. Vehicle-wheel.	823,454	June 12	2455	519	122	2309
White, William B., Cleveland, Ohio. Mechanism for vehicle-lanterns.	816,696	Apr. 3	302	70	121	1427
White, William H., Waterbury, Conn. Drier for acetylene gas.	826,393	July 17	3433	711	123	898
White, Wood W. (See Flynt, Dudley H., assignor.)						
Whiteford, John, assignor of two-thirds to F. J. and F. J. McLean, Menomonie, Wis. Transporting system.	835,590	Nov. 13	1420	304	125	403
Whiteford, William, Virden, Canada. Grain-measuring apparatus.	822,566	June 5	667	136	122	1875
Whitehead, Aura E. (See Klugh and Whitehead.)						
Whitehead, Edward E., Goshen, Ind. Tamping-bar and post-hole pick.	823,571	June 19	2721	576	122	2427
Whitehead, Henry A., Brownsville, Tenn. Combined stamp, stationery, and cash box.	837,442	Dec. 4	327	77	125	1437

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Whitehead & Hoag Company. (See Hoag, Chester R., assignor.)						
Whitehead & Hoag Company. (See McLean, John, assignor.)						
Whitehead & Hoag Company. (See Schmitter, Paul, assignor.)						
Whitehead, William L. (See Skevington, Whitehead, and Seltzer.)						
Whitehead, William R., Trenton, N. J. Valve	810,590	Jan. 23	4064	837	120	1008
Whitehorn, Chester A., Kennebec, Iowa. Combined indicator and register	839,352	Dec. 25	4106	882	125	2501
Whitehorne, William R., assignor of one-half to B. MacNutt, Bethlehem, Pa. Selective system	835,269	Nov. 6	787	165	125	199
Whitehouse, John N., assignor to Le-White Manufacturing Company, New York, N. Y. Fountain-pen cap and barrel	836,905	Nov. 27	4031	861-2	125	1129
Whitehouse, John N., assignor to Le-White Manufacturing Company, New York, N. Y. Self-filling fountain-pen	836,906	Nov. 27	4033	862	125	1129
Whitehouse, Samuel G., Maida Vale, London, England. Wheeled vehicle	826,204	July 17	3086	639	123	814
Whitehouse, Samuel G., Birmingham, England. Lens for lamps	826,205	July 17	3087	639	123	814
Whitehouse, Samuel G., Birmingham, England. Wheeled vehicle	828,162	Aug. 7	931	191	123	1899
Whitenurst, George W., and F. Bradshaw, Ellisville, Miss. Plow-stock	830,390	Sept. 4	997	209	124	246
Whitehurst, Obed F., Schenectady, N. Y., assignor to General Electric Company. Means for starting alternating-current machines	830,947	Sept. 11	2103	444	124	557
Whitaker, Bosque M., Pinkerton, Tex. Match-box	818,324	Apr. 17	3545	759-60	121	2244
Whiteley, Alfred M. and W. H., New York, N. Y. Combined chair and step-ladder	828,696	Aug. 14	2015	425	123	2200
Whiteley, George S., Baltimore, Md. Vehicle-wheel	820,077	May 8	2162	471	122	545
Whiteley, William H. (See Whiteley, Alfred M. and W. H.)						
Whiteman, George W., Philadelphia, Pa. Rail-fastening for metallic ties	828,793	Aug. 14	2200	467	123	2248
Whiteman, George W., Philadelphia, Pa. Tie-plate and rail-fastening for use therewith	828,794	Aug. 14	2202	467-8	123	2248
Whiteman, George W., Philadelphia, Pa. Rail-fastening for metallic ties	828,795	Aug. 14	2204	468	123	2249
Whitener, Columbus L., Fredericktown, Mo. Gage for rotary cutters	836,847	Nov. 27	3894	831	125	1097
Whitesell, Edward B. (See Whitesell, William T. and E. B.)						
Whitesell, William T. and E. B., Fishersville, Va. Mail-bag catcher	818,592	Apr. 24	4079	876	121	2411
Whiteside, Frank P., Youngstown, Ohio. Pulley-block	811,191	Jan. 30	5249	1099	120	1300
Whiteside, William E., Mangum, Okla. Ter. Bridge	838,485	Dec. 11	2412	524	125	1995
Whitfield, William, Justin, Tex. Spinning-top	814,818	Mar. 13	1656	347	121	421
Whitham, Hugh, Hamilton, Canada. Pipe-damper	813,188	Feb. 20	3332	733	120	2302
Whitin Machine Works. (See Owen, Oscar L., assignor.)						
Whitin Machine Works. (See Owen and Rooney, assignors.)						
Whitin Machine Works. (See Owen and Snelling, assignors.)						
Whitin Machine Works. (See Pierce, George L., assignor.)						
Whitin Machine Works. (See Rawlinson, Levi, assignor.)						
Whitin Machine Works. (See Rooney, Elwin H., assignor.)						
Whiting, Charles D., Minneapolis, assignor of one-half to T. J. Murphy, St. Paul, Minn. Car-coupling	830,548	Sept. 11	1324	273	124	356
Whiting Foundry Equipment Company. (See Brandon, George R., assignor.)						
Whiting Manufacturing Company. (See Blair, Thomas H., assignor.)						
Whiting, Marie E. M. (See Parker and Whiting.)						
Whiting, Richard R., Cincinnati, Ohio. Stereoscope	826,635	July 24	4001	828	123	1064
Whiting, Walter R. (See Porter and Whiting.)						
Whiting, William J., Birmingham, England. Automatic firearm	827,488	July 31	5802	1203	123	1524
Whitlatch, Marshall, Westfield, N. J. Indoor-golf game apparatus	811,347	Jan. 30	5555	1159	120	1366
Whitley, Alfred A., assignor of one-half to G. Bentley and J. Nuttall, Bury, England. Clip for tentering-machines	829,360	Aug. 21	3385	714	123	2578
Whitlock Coil Pipe Company. (See Brinkman, Louis H., assignor.)						
Whitlock, John W., Rising Sun, Ind. Coin-actuated mechanism	825,167	July 3	956	202	123	250
Whitlock, John W., Rising Sun, Ind. Mechanism for winding perforate sheet-music	837,901	Dec. 11	1417	307	125	1749
Whitlock, Ralph G., Los Angeles, Cal. Punching-machine	826,394	July 17	3435	712	123	899
Whitlock, Ralph G., Los Angeles, Cal. Driving and controlling mechanism for punching-machines	826,395	July 17	3437	712-13	123	899
Whitlock, Ralph G., Los Angeles, Cal. Punching, perforating, or like machine	826,396	July 17	3439	713-14	123	900
Whitlow, Eliza J., Goltry, Okla. Ter. Foldable stand	827,338	July 31	5414	1126	123	1431
Whitlow, Jidy W., Roscoe, Tex. Bedstead	822,414	June 5	356	74	122	1803
Whitman, Henry L., St. Louis, Mo. Friction-clutch	824,610	June 26	4726	1006	122	2918
Whitman, James N., Philadelphia, Pa., assignor of one-half to M. T. Reynolds, Albany, N. Y. Manufacturing iron direct from its oxides	820,898	May 15	3819		122	969
Whitman, Reinhart K., Alliance, Ohio. Car-truck	825,255	July 3	1121	238	123	292
Whitman, Victor, assignor to Alaska Codfish Co., San Francisco, Cal. Apparatus for dry-curing fish	813,264	Feb. 20	3472	766	120	2330
Whitman, Victor, assignor to Alaska Codfish Company, San Francisco, Cal. Dry-curing fish	813,265	Feb. 20	3475	766	120	2331
Whitmore, Edward E., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J., and Chicago, Ill. Curtain-fixture	826,298	July 17	3252	672-3	123	855
Whitmore, Fred A., Philadelphia, Pa., assignor to N. Costikyan, New York, N. Y. Woven pile fabric	829,189	Aug. 21	3040	636	123	2494
Whitmore, Fred A., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works. Tapestry-setting machine	832,942	Oct. 9	1863	387	124	1700
Whitmore, Fred A., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works. Needle-motion for pile-fabric looms	837,019	Nov. 27	4257	906	125	1182
Whitmore, Oliver M. (See Conant, Charles B., assignor.)						
Whitmore, William S., Cricklewood, England. Water-heating apparatus	817,602	Apr. 10	2091	441	121	1872
Whitney, Arthur E. (See McIndoe, James W., assignor.)						
Whitney, Arthur E. (See Whitney, Robert F., assignor.)						
Whitney, Arthur E. and R. F., Winchester, Mass. Machine for unhairing and working hides	828,588	Aug. 14	1803	380	123	2147
Whitney, Arthur L., San Mateo county, Cal. Can and cover	830,694	Sept. 11	1644	337	124	444
Whitney, Charles E., assignor of one-half to E. E. Pratt and F. L. Dean, Webster, S. D. Straw-rack for threshing-machines	817,289	Apr. 10	1476	310	121	1743
Whitney, E. Barton. (See Pettinger, Otto J., assignor.)						
Whitney, Eddy R., Lynn, Mass., assignor to General Electric Company. Switch for electric circuits	830,628	Sept. 11	1491	308	124	400
Whitney, Edgar H., Boston, Mass. Gas-heater	819,260	May 1	446	94	122	104
Whitney, Edwin H., assignor to Eddy Valve Company, Waterford, N. Y. Valve-indicator	824,163	June 26	3827	816	122	2726
Whitney Electrical Instrument Company. (See Hoyt, Adrian H., assignor.)						
Whitney, Frances M., Hastings, Mich. Pad or bustle	836,790	Nov. 27	3796	808	125	1073
Whitney, Francis H. (See Methfessel and Hartson, assignors.) (Reissue.)						
Whitney, George E., Boston, Mass., assignor to Whitney Motor Wagon Company, Kittery, Me. Stuffing-box adjuster	819,485	May 1	902	197	122	201
Whitney, George M., Lawson, Colo. Ore-concentrator	809,765	Jan. 9	2324	481	120	543

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Whitney, Isaac, deceased, Oskaloosa, Iowa; H. D. Lane, administrator. Mine-shaft door.	813,067	Feb. 20	3096	678	120	2252
Whitney, Jennie. (See Kellner, Henry F., assignor.)						
Whitney, Jennie, Omaha, Nebr. Continuous fascine	825,996	July 17	2684	556	123	719
Whitney Manufacturing Company. (See Couch, Elbert M., assignor.)						
Whitney, Marion T., Portland, Oreg. Rodent-extermimator	831,691	Sept. 25	3633	760	124	1012
Whitney Motor Wagon Company. (See Whitney, George E., assignor.)						
Whitney, Pardon A., Southington, Conn. Journal-bearing	816,630	Apr. 3	172	36	121	1399
Whitney, Pardon A., and R. C. Ellich, assignors to Peck, Stow & Wilcox Company, Southington, Conn. Chuck	821,687	May 29	5434	1157	122	1439
Whitney, Pardon A., and R. C. Ellich, assignors to Peck, Stow & Wilcox Company, Southington, Conn. Chuck	821,688	May 29	5435	1157	122	1440
Whitney, Pardon A., and R. C. Ellich, assignors to Peck, Stow & Wilcox Company, Southington, Conn. Chuck	821,689	May 29	5437	1158	122	1440
Whitney, Robert F. (See Whitney, Arthur E. and R. F.)						
Whitney, Robert F., assignor of one-half to A. E. Whitney, Winchester, Mass. Hide-working machine	829,613	Aug. 28	3939	833-4	123	2761
Whitney & Son, Baxter D. (See Loveland, Byron S., assignor.)						
Whitney, William C., Newark, N. J., assignor to S. E. Wilmore, New York, N. Y. Vending-machine	818,593	Apr. 24	4081	876-7	121	2412
Whitney, William C., Newark, N. J., assignor to S. E. Wilmore, New York, N. Y. Vending-machine	818,594	Apr. 24	4087	878-9	121	2413
Whitney, Willie D., Holley, assignor to Nineteen Hundred Washer Company, Binghamton, N. Y. Mechanical movement	835,086	Nov. 6	428	86	125	113
Whitney, Willie D., Holley, assignor to Nineteen Hundred Washer Company, Binghamton, N. Y. Washing-machine	837,525	Dec. 4	482	110-11	125	1476
Whitney, Willis R., Schenectady, N. Y., assignor to General Electric Company. Dash-pot	827,339	July 31	5415	1126	123	1431
Whitney, Willis R., Alplaus, N. Y., assignor to General Electric Company. Sealing evacuated vessels	831,306	Sept. 18	3001	638	124	809
Whitridge, John C., Columbus, Ohio. Coupling-shank	832,943	Oct. 9	1866	387	124	1700
Whitson Autopress Company. (See Barnett, Morrisson J., assignor.)						
Whittall, Matthew J. (See Pearsall, William, assignor.)						
Whittall, Matthew J., Worcester, Mass. Woven pile fabric	810,012	Jan. 16	2814	582	120	702
Whittall, Matthew J., Worcester, Mass. Woven pile fabric	810,013	Jan. 16	2817	582	120	702
Whitted, Felix T., Wheatley, Ark. Buckle	809,874	Jan. 9	2515	522	120	587
Whitted, Kansas U., Topeka, Kans. Type	813,848	Feb. 27	4652	1029	120	2645
Whittemore, John Q. A. (See Burke, Charles G., assignor.)						
Whittemore, John Q. A. (See Burke, Charles G. and E. J., assignors.)						
Whittemore, John Q. A. (See Burke, Edward J., assignor.)						
Whittemore, John R., Erie, Pa. Crane mechanism	809,481	Jan. 9	1778	366-7	120	424
Whittemore, John R., Erie, Pa. Crane-locking mechanism	809,482	Jan. 9	1779	367	120	424
Whittemore, John R., Erie, Pa. Locking device for cranes	809,483	Jan. 9	1781	367-8	120	425
Whittemore, William E., Hartford, Conn. Brush	818,497	Apr. 24	3872	833	121	2368
Whitten, Weston, assignor of one-half to A. Bacon, Unity, Me. Pot-lifter	820,460	May 15	2909	632	122	769
Whittingham, George H., New York, N. Y., assignor to Automatic Switch Company. Automatic motor-reverser	821,009	May 22	4073	867	122	1086
Whittinghill, Alexander N., Bardstown, Ky. Portable fence	834,543	Oct. 30	5291	1125	124	2686
Whittington, Ernest M., Nashville, Tenn. Blotter-holder	821,912	May 29	5865	1247	122	1539
Whittington, John A., Darlington, S. C. Umbrella	828,990	Aug. 21	2600	548	123	2379
Whittington, Virginia, Valdosta, Ga. Combined invalid and surgical couch	826,978	July 24	4636	966	123	1222
Whittle, Thomas, Prahran, and W. Cumming, Malvern, Victoria, Australia, assignors to said Whittle. Ship's progress-indicator	836,724	Nov. 27	3643	776	125	1030
Whittlesey, William A. (See Barnes, Justus W., Jr., assignor.)						
Whomes, Francis H., Los Angeles, Cal. Protector for cigars	823,014	Dec. 12	1568	325	122	2119
Whomes, Francis H., Los Angeles, Cal. Continuous rail-joint for railways	838,151	Dec. 11	1769	380	125	1838
Whonn, Samuel W., Seattle, Wash. Extension-table	834,428	Oct. 30	5089	1080-1	124	2633
Whyman, Horatio O., Aurora, Ill. Lacing-hook	832,107	Oct. 2	171	35	124	1256
Whyte, John, and A. M. Crossley, Glasgow, Scotland. Boiler-tube	811,016	Jan. 30	4908	1024	120	1227
Wiard, Harry, Syracuse, N. Y. Plow	816,518	Mar. 27	5163	1094-5	121	1279
Wiard, John B., Lynn, Mass., assignor to General Electric Company. Alternating-current motor	832,713	Oct. 9	1401	283	124	1590
Wibel, Solomon W., W. R. Cunningham, Denver, and H. A. Gray, Arvada, Colo. Car-coupling	811,808	Feb. 6	814	115	120	1595
Wiberg, Charles E. (See Bardon and Wiberg.)						
Wible, Simon W., Bakersfield, Cal. Device for removing mining and other debris	809,593	Jan. 9	1990	413	120	469
Wicher, Alfred W. (See McBurney, Uriah F., assignor.)						
Wichmann, Georg C. H., and A. B. Evans, Leeds, England. Machine for printing on tin plates or the like	823,835	June 19	3218	680-1	122	2537
Wick, Lloyd. (See Rich and Wick.)						
Wick, Mathias, assignor of two-thirds to E. Kienle, New York, and J. A. Zibell, Tappan, N. Y. Car-fender	824,519	June 26	4540	964	122	2878
Wickel, Fritz C., Nuremberg, Germany. Method and apparatus for coating bands of fabric	815,664	Mar. 20	3371	705	121	843
Wickens, Philip, <i>et al.</i> (See Bott, Adolph F., assignor.)						
Wickes Bros. (See Crane, Daniel, assignor.)						
Wickes, George T., Covington, Va., assignor to Covington Machine Company. Coke-leveling machine	837,364	Dec. 4	174	41-2	125	1399
Wickham, Amos C., Carthage, assignor to Anchor Implement Company, St. Louis, Mo. Cultivator	822,795	June 5	1109	230	122	1971
Wickham, Dennis, Ware, England. Bottle-washing machine	830,869	Sept. 11	1964	412-13	124	526
Wickham, Dennis, Ware, England. Bottle-soaking machine	838,927	Dec. 18	3241	700-1	125	2239
Wickham, George A., <i>et al.</i> (See Stevens, Calvin M., assignor.)						
Wickham, Horace J., Manchester, F. C. Rockwell and W. L. Shepard, Hartford, Conn. Coking-oven	827,767	Aug. 7	164	33	123	1710
Wickham, Horace J., Manchester, W. L. Shepard, Elmwood, and F. C. Rockwell, West Hartford, Conn. Coking-receptacle	829,935	Aug. 28	4639	974	123	2934
Wickham, Ray E., University, N. D. Ore-roaster	829,819	Aug. 28	4371	923	123	2867
Wicks, Clarence W., Clinton, Kans. Suspender-spring	837,761	Dec. 4	966	217	125	1594
Wicks, Frederick, Esher, England. Apparatus for casting projectiles for small-arms	810,591	Jan. 23	4065	837	120	1008
Wicks, Frederick, Esher, England. Apparatus for casting projectiles for small-arms	810,832	Jan. 23	4501	937	120	1104
Wicks, Frederick, Esher, England. Punch-cutting or engraving apparatus	822,089	May 29	6198	1321	122	1614
Wicks, George I., Cleveland, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Adding attachment for type-writers	838,068	Dec. 11	1591	341-2	125	1793
Wicks, Samuel T., Denver, Colo. Deboring implement	832,944	Oct. 9	1867	387	124	1700
Widdicombe, Thomas H. H., Hobart, Tasmania, Australia. Means for cutting up large blocks of butter into smaller blocks of predetermined sizes	817,027	Apr. 3	960	198	121	1572

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Prig.	Vol.	Page.
Widlop, Thomas, Lonetree, Wyo. Preserving apparatus.....	817,208	Apr. 10	1312	273-4	121	1709
Widdop, Thomas, assignor of one-half to J. Perry, Mountainview, Wyo. Harness-fastener.....	811,755	Feb. 6	407	89	120	1575
Wide Range Drill-Chuck & Tool Co. (See Schmid and Macomber, assignors.).....	813,471	Feb. 27	3908	857	120	2482
Widgren, Charles J., Newark, N. J. Metal bed.....	809,349	Jan. 9	1491	300	120	363
Wideman, Gustavus, assignor to Richards Manufacturing Company, Aurora, Ill. Grind-stone-frame.....	822,090	May 29	6199	1321	122	1615
Wideman, Gustavus, assignor to Richards Manufacturing Company, Aurora, Ill. Track for door-hangers.....	812,388	Feb. 13	1764	386	120	1925
Widman, Paul H., Denver, Colo. Acetylene-gas apparatus.....	809,594	Jan. 9	1991	413-14	120	469
Widmer-Abegg, Ernst, assignor to Wanner & Co., Horgen, Switzerland. Self-acting mul-tispindle-machine.....	821,690	May 29	5438	1158	122	1440
Widmer, Charles A., assignor to Picrome Hide Company, Syracuse, N. Y. Bushing.....	816,631	Apr. 3	173	37	121	1400
Widmer & Cie., G. (See Boulboulé, Ernest, assignor.).....						
Wiebe, Sigurd, New York, N. Y., assignor of one-half to L. B. Haworth, Lowell, Mass. Submarine vessel.....	832,646	Oct. 9	1267	256	124	1558
Wieberg, William, and M. Hausner, Koeltztown, Mo. Railway-track adjuster.....	828,359	Aug. 14	1355	286	123	2030
Wiebke, August. (See Gruwell and Wiebke.).....						
Wiebke, August, and R. E. Gruwell, Miles City, Mont. Current-motor.....	810,314	Jan. 16	3459	714-15	120	838
Wiebke, Charles, New York, N. Y. Chenille-machine.....	822,704	June 5	959	195-6	122	1941
Wiebke, Charles, New York, N. Y. Spinning-flier.....	822,796	June 5	1110	230-1	122	1972
Wiechers, Albert C., New York, N. Y. Railway-car.....	832,763	Oct. 9	1496	301	124	1614
Wiedeke, Gustav, Dayton, Ohio. Tube-cutter.....	832,647	Oct. 9	1270	256	124	1559
Wiedeman, Henry C., Detroit, Mich. Packing-gasket.....	830,392	Sept. 4	1001	209	124	247
Wiedemann, Eligia, Oconomowoc, Wis. Receptacle and closure for same.....	839,353	Dec. 25	4110	883	125	2501
Wiedemann, Joseph A., Eldorado, Kans. Sign.....	831,397	Sept. 18	3002	638	124	809
Wiedenbeck, Theo. D., et al. (See Rieff, John G., assignor.).....						
Wiederhold, Oscar, Jersey City, N. J. Making mantles.....	811,017	Jan. 30	4909	1024	120	1227
Wiederhold, Oscar, Jersey City, N. J. Holder for incandescing mantles.....	811,018	Jan. 30	4910	1024	120	1227
Wiederhold, Oscar, Jersey City, N. J. Inverted incandescing lamp.....	832,886	Oct. 9	1761	363	124	1676
Wiederholdt, Ernest F., St. Louis, Mo. Concrete-wall construction.....	835,769	Nov. 13	1747	373	125	483
Wiegand, Henry J., Milwaukee, Wis. Explosive-engine-starting mechanism.....	813,068	Feb. 20	3099	679	120	2252
Wiegand, Henry J., assignor to Cutler-Hammer Mfg. Co., Milwaukee, Wis. Hand-wheel.....	821,272	May 22	4583	975	122	1198
Wiemann, William P., Allegheny, Pa. Water-purifying device for steam-boilers.....	826,811	July 24	4318	899	123	1145
Wiemann, William P., Allegheny, assignor to Empire Machine Company, Pittsburg, Pa. Gas-burner.....						
Wiener, Berthold, Cleveland, Ohio. Knitting-machine needle and holder therefor.....	823,836	June 19	3220	681	122	2537
Wiener, Clarence, Philadelphia, Pa. Military spade-shield.....	834,598	Oct. 30	5405	1146	124	2713
Wiens, Aron N., Winkler, Canada. Self-binding harvester.....	827,898	Aug. 7	397	85	123	1769
Wiens, John P., Milwaukee, Wis. Brush.....	820,276	May 8	2544	551	122	630
Wiese, Otto C., assignor of one-half to O. Mayer, New York, N. Y. Spring-scale.....	821,968	May 29	5976	1273	122	1562
Wiese, Otto C., Brooklyn, assignor of one-half to O. Mayer, New York, N. Y. Spring-scale.....	811,979	Feb. 6	898	198-9	120	1671
Wiesenfeld, Robert S., Baltimore, Md. Safety-razor.....	811,980	Feb. 6	900	199	120	1672
Wieser, Karl, Essen-Rüttenscheid, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Burning time-fuse.....	816,141	Mar. 27	4387	927	121	1113
Wiesner, Karl, Essen-Rüttenscheid, assignor to F. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Burning time-fuse.....	830,948	Sept. 11	2105	444	124	558
Wiesmann, George, Cincinnati, Ohio. Steel-welding compound.....	837,443	Dec. 4	328	.....	125	1437
Wiest, Jonas H., Indianapolis, Ind. Form for molding concrete cisterns.....	820,160	May 8	2321	506-7	122	579
Wigand, C. F. (See Vernsten, Swan J., assignor.).....						
Wigert, David, Greenbush, Ill. Steam-boiler.....	812,908	Feb. 20	2768	609	120	2178
Wiggen, Peder, Chicago, Ill. Pneumatic motor.....	825,997	July 17	2685	556-7	123	719
Wigglesworth, Thomas G., et al. (See Robison, Samuel C., assignor.).....						
Wigglesworth, William G., et al. (See Robison, Samuel C., assignor.).....						
Wiggs, James A., Jr., Beaumont, Tex. Hydraulic swivel.....	810,315	Jan. 16	3460	715	120	838
Wiggs, Jonathan N., assignor of one-half to J. H. Bradley, Senath, Mo. Cleaner for cot-ton-gin saws.....	821,446	May 22	4955	1053	122	1281
Wiggs, Wesley W., Nashville, Tenn. Angle-cock.....	834,429	Oct. 30	5090	1081	124	2633
Wigham, William, Murphysboro, Ill. Door opening and closing device.....	837,164	Nov. 27	4550	965	125	1255
Wighard, Amand, Jersey City, assignor to J. Loeigren, Newark, N. J. Hand-bag.....	833,101	Oct. 9	2164	455	124	1775
Wight, Alfred T., Roxton, Tex. Gun attachment.....	809,080	Jan. 2	915	192	120	203
Wight, George C., and T. V. Galassi, San Francisco, Cal. Finishing the faces of concrete blocks.....	837,165	Nov. 27	4552	965	125	1255
Wight, J. Howard. (See Goodwin, Oscar, assignor.).....						
Wight, William N., New York, N. Y. Building construction and the like.....	820,461	May 15	2910	632-3	122	769
Wightman, Charles, J. W. Bishop, and W. H. Anderock, assignors of one-fourth to R. G. Ferguson, Little Rock, Ark. Percolator.....	834,430	Oct. 30	5091	1081	124	2633
Wightman, Elbridge M., assignor to North & Judd Manufacturing Company, New Brit-ain, Conn. Breast-strap slide.....	810,014	Jan. 16	2819	583	120	703
Wighton, Ernest, New York, N. Y. Gearing.....	813,189	Feb. 20	3333	733	120	2302
Wigington, Charles C., Morristown, Tenn. Trunk.....	812,967	Feb. 20	2897	639	120	2207
Wignall, Thomas, and J. O. Kridelbaugh, Hynes, Iowa. Rail-joint.....	835,087	Nov. 6	430	86	125	114
Wigtel, Carl, assignor to F. H. Stillman, Brooklyn, N. Y. Hydraulic pipe-riveting ma-chine.....	819,193	May 1	305	65-6	122	76
Wigtel, Carl, assignor to F. H. Stillman, Brooklyn, N. Y. Hydraulic pipe-riveting ma-chine.....	819,194	May 1	309	66-7	122	77
Wihlborg, John W., Chicago, Ill. Power mechanism.....	813,757	Feb. 27	4455	984	120	2602
Wihlander, Ragnar, Edgewood Park, Pa., assignor to Westinghouse Electric & Manu-facturing Company. Voltage-regulator.....	824,225	June 26	3950	846-7	122	2753
Wikgren, John E., Chicago, Ill. Siphon.....	837,526	Dec. 4	486	111	125	1477
Wikstrom, Malcolm, Shelby, Ohio. Life-preserver.....	815,394	Mar. 20	2870	596	121	732
Wikstrom, Malcolm, Shelby, Ohio, assignor to Shelby Steel Tube Company, Pittsburg, Pa. Apparatus for reducing the ends of tubes.....	810,241	Jan. 16	3299	684	120	803
Wilber, Joseph J., Perth Amboy, N. J. Valve.....	834,784	Oct. 30	5802	1231	124	2814
Wilbur, Samuel P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manu-facturing Company. Dash-pot.....	821,073	May 22	4208	894	122	1115
Wilbur, Wallace D., Hawkeye, Iowa. Display-rack.....	822,415	June 5	357	75	122	1804
Wilcox, Albert E., Millville, Mass. Oiler for vehicle-wheels.....	814,104	Mar. 6	203	41	121	44
Wilcox, Ansley, executor. (See Wilcox, Daniel H.).....						
Wilcox, Crittenden and Company. (See Hoops, Thomas, Jr., assignor.).....						
Wilcox, Daniel H., deceased, Buffalo, N. Y.; A. Wilcox, executor. Telegraphic code.....	833,904	Oct. 23	3870	822	124	2289
Wilcox, Elmer A., Chicago, Ill. Tool for attaching hose to couplings.....	830,549	Sept. 11	1328	274	124	357
Wilcox, Elmer A., Chicago, Ill. Gasket.....	836,950	Nov. 27	4119	879	125	1149
Wilcox, Elmore O., Cleveland, Ohio. Apparatus for display advertising.....	816,632	Apr. 3	176	37-8	121	1400
Wilcox, Ernest C., Meriden, Conn. Induction-coil apparatus.....	836,659	Nov. 20	3476	742	125	952
Wilcox, Everett W., Springfield, Mass. Store-service apparatus.....	818,595	Apr. 24	4092	879-80	121	2414

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Wilcox, Ferdinand S., assignor of one-half to G. D. Tucker, Bryan, Tex. Combination-lock.....	839,795	Dec. 25	5005	1069	125	2719
Wilcox, Frank A., Akron, Ohio. Rim of vehicle-wheels.....	831,586	Sept. 25	3385	711	124	944
Wilcox, Frank E., Mechanicsburg, Pa. Vehicle-gear.....	826,636	July 24	4002	828	123	1064
Wilcox, Frank E., Mechanicsburg, Pa. Vehicle-gear.....	834,956	Nov. 6	149	30	125	41
Wilcox, Frank E., Mechanicsburg, Pa. Vehicle-gear.....	834,957	Nov. 6	150	30	125	42
Wilcox, Hettie O., Chicago, Ill. Basket.....	821,010	May 22	4077	867-8	122	1087
Wilcox, Hettie O., Chicago, Ill. Basket.....	821,074	May 22	4209	894-5	122	1115
Wilcox, Jacob, Amlin, Ohio. Spoke-tenon and felly-clip.....	836,791	Nov. 27	3797	808	125	1073
Wilcox, Jacob, Amlin, Ohio. Fence-anchor.....	837,992	Dec. 11	1419	308	125	1750
Wilcox, John T., Carlstadt, N. J., assignor to M. G. Cohn, New York, N. Y. Hair-dressing device.....	831,493	Sept. 18	3179	672	124	855
Wilcox Manufacturing Company. (See Prouty, Theodore C., assignor.)						
Wilcox, Margaret A., Chicago, Ill. Physical-culture appliance.....	822,329	June 5	212	42	122	1773
Wilcox, Ray. (See White and Wilcox.)						
Wilcox, Theodore B., Newark, N. J., assignor to himself, and G. W. Morgan, Jr., New York, N. Y. Briquet machinery.....	829,044	Aug. 21	2717	569-70	123	2410
Wilcox, Theodore B., Newark, N. J., assignor to himself, and G. W. Morgan, Jr., New York, N. Y. Briquet machinery.....	829,045	Aug. 21	2719	570-1	123	2410
Wilcox, Theodore B., Newark, N. J., assignor to himself, and G. W. Morgan, Jr., New York, N. Y. Briquet machinery.....	829,046	Aug. 21	2721	571	123	2411
Wilcox, Thomas, Birmingham, England. Locket, photograph-pendant, frame, charm, and the like.....	817,944	Apr. 17	2793	604-5	121	2084
Wilcox & White Co. (See White and Haywood, assignors.)						
Wilcox & White Company. (See Crippen, Walter, assignor.)						
Wilcox & White Company. (See Hosley, Nelson D., assignor.)						
Wilcox & White Company. (See White, Frank C., assignor.)						
Wilcox, William W., Spencerport, assignor of two-eighths to T. S. Dean and H. E. McArthur, Brockport, N. Y. Post.....	813,338	Feb. 20	3632	797	120	2363
Wild, William E., Denver, Colo. Roller ore-crushing mill.....	835,694	Nov. 13	1603	341-2	125	447
Wilde, Daniel, Washington, Iowa. Spring-bolt for windows.....	812,390	May 22	4842	1028	122	1256
Wilde, Lewis M., North Walpole, N. H. Candle-holder.....	812,248	Feb. 13	1488	325	120	1864
Wilde, Richard, Toronto, Ontario, Canada. Device for effecting complete combustion in furnaces.....	830,870	Sept. 11	1966	413	124	527
Wilde, Samuel, deceased; A. W. North, Woodland, Cal., administrator. Boot and shoe.....	812,443	Feb. 13	1868	411	120	1946
Wildenberg, Charles P., New York, N. Y. Hat-machine.....	822,797	June 5	1112	231	122	1972
Wilder, Charles O., South Bend, Ind., assignor of one-half to L. Sievert, Dayton, Ohio. Shipping-box.....	832,564	Oct. 2	1084	217	124	1474
Wilder, Edward S., Monroe, Mich. Land-roller.....	830,126	Sept. 4	458	92	124	115
Wilder, Edwin D. (See Weber, George C., assignor.)						
Wilder, John K., Monroe, Mich. Fodder-cutter.....	826,459	July 17	3565	742	123	933
Wilder, Julian L., Augusta, Me. Press.....	837,652	Dec. 4	756	172	125	1541
Wilder, Orlin J., Grand Rapids, Mich. Concrete roofing.....	835,088	Nov. 6	432	86	125	114
Wilder, William D., Brockton, Mass. Shoe-tree.....	812,315	Feb. 13	1628	358	120	1897
Wilder, William H., Gardner, Mass. Oil-stove.....	816,201	Mar. 27	4501	955-6	121	1137
Wilder, William H., Gardner, Mass. Reservoir for oil and vapor stoves.....	820,376	May 8	2730	594-5	122	670
Wilderman, Meyer, and R. L. Mond, London, England. Thermopile.....	813,682	Feb. 27	4317	950	120	2573
Wilderman, Meyer, and R. L. Mond, London, England. Chronograph.....	816,767	Apr. 3	427	96-7	121	1452
Wildermuth, La Fayette, Columbus, Ohio. Grass-collector for lawn-mowers.....	815,242	Mar. 13	2502	521	121	605
Wildermuth, La Fayette, Columbus, Ohio. Grass-receptacle.....	836,230	Nov. 20	2635	555	125	752
Wilderson, Clinton G. (See Harrold and Wilderson.)						
Wildes, Chas. D. (See Smith, Henry, assignor.)						
Wildes, James W., et al. (See Davidson, Edgar L., assignor.)						
Wildgen, John F., St. Louis, Mo. Self-adjusting carriage-curtain fastener.....	838,486	Dec. 11	2413	524	125	1996
Wildman, Frank B., and E. G. Loomis, assignors to McMichael & Wildman Manufacturing Co., Norristown, Pa. Driving mechanism.....	811,981	Feb. 6	901	199-200	120	1672
Wildt, Edward A., Scranton, Pa. Grate-bar.....	836,421	Nov. 20	3034	644	125	848
Wilentz, Jacob, New York, N. Y. Kerosene-lamp.....	812,249	Feb. 13	1490	325-6	120	1864
Wiles, Grant, Scranton, and E. G. Haskell, assignors to American Sales Company, Philadelphia, Pa. Vending-machine.....	825,256	July 3	1123	238	123	292
Wiley, Herbert C., et al. (See Jay, William H., assignor.)						
Wiley, Roy R., St. Catharines, Canada. Illuminated sign.....	828,005	Aug. 7	635	130	123	1828
Wiley, Thomas R., Brewster, Minn. Agricultural gate.....	829,820	Aug. 28	4372	924	123	2868
Wiley, William R., Evanston, Ill. Combined mop head and wringer.....	818,498	Apr. 24	3873	834	121	2368
Wilfong, Charles G., Philadelphia, Pa., assignor to F. P. Auten, Trenton, N. J. Horse-shoe.....	835,875	Nov. 13	1946	412	125	531
Wilgus, William J., New York, N. Y., and H. A. Carson, Malden, Mass. Constructing subaqueous tunnels.....	829,190	Aug. 21	3041	636-7	123	2494
Wilhelm, Frank P., Potosi, Wis. Seeding attachment for plows.....	839,532	Dec. 25	4480	956	125	2591
Wilhelm, Gilbert, Traverse City, Mich. Block-molding machine.....	816,408	Mar. 27	4952	1052	121	1233
Wilhelm, James O., Lunaville, Ohio. Account-file.....	817,537	Apr. 10	1970	417	121	1847
Wilhelm, Walter, Mount Savage, Md. Pressure-retaining valve for air-brake systems.....	816,409	Mar. 27	4953	1052-3	121	1233
Wilhelmi, William M., Kalamazoo, Mich. Roll-grinding machine.....	830,550	Sept. 11	1329	274	124	357
Wilke, Ernest, Cat Spring, Tex. Attachment for plows.....	835,695	Nov. 13	1608	342	125	448
Wilke, Firm of Heinrich. (See Kramer, Friedrich, assignor.)						
Wilken, Reinhart, Sterling, Ill. Snow-plow.....	830,871	Sept. 11	1967	413	124	527
Wilkes, John W., et al. (See Connor, Charles R., assignor.)						
Wilkes, Lincoln E., Hillsboro, Oreg. Feeding mechanism for type-writers.....	833,360	Oct. 16	2710	572	124	1964
Wilkes, Thomas S., assignor to American Patent Promotion Company, Phoenix, Ariz. Ter. Change-making machine.....	812,160	Feb. 6	1275	279-81	120	1749
Wilkie, David, Battle Creek, Mich. Sash-lock.....	823,656	June 19	2888	611	122	2466
Wilkie, Henry L. (See McSpadden, Wilkie, and Lewis.)						
Wilkin, John T., Connersville, Ind. Gas-exhauster.....	819,830	May 8	1594	339	122	420
Wilkin, Theodore S., Milwaukee, Wis. Sawmill set-works.....	815,665	Mar. 20	3373	706	121	843
Wilkin, Theodore S., Milwaukee, Wis. Gang-saw mechanism.....	834,958	Nov. 6	151	31	125	42
Wilkin, William M., Erie, Pa. Gang-saw mill.....	812,539	Feb. 13	2053	450	120	1985
Wilkins, Charles L., assignor to Ohio Pump and Brass Company, Columbus, Ohio. Curb-cock.....	827,593	July 31	6001	1249	123	1572
Wilkins, George E., Oshkosh, Wis. Artificial limb.....	809,875	Jan. 9	2516	522-3	120	587
Wilkins, George E., Oshkosh, Wis. Artificial limb.....	809,876	Jan. 9	2520	523	120	587
Wilkins, John H., Greensboro, N. C. Ironing-board.....	827,949	Aug. 7	512	104-5	123	1799
Wilkins, Thomas M., Seattle, Wash., assignor to Automatic Boiler Feed Company. Pressure-controlling valve.....	826,637	July 24	4003	829	123	1064
Wilkins, Vance P., assignor of one-half to E. Scott, Laporte, Ind. Gas-meter.....	834,854	Oct. 30	5942	1262	124	2849
Wilkinson, Alfred, assignor to Wilkinson Manufacturing Company, Incorporated, Bridgeport, Pa. Grate-bar.....	817,028	Apr. 3	961	198	121	1572

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Wilkinson & Company. (See Teller, Louis J., assignor.)						
Wilkinson, Eleazar T., Philadelphia, Pa. Automatic fireproof window	815,772	Mar. 20	3621	761-2	121	895
Wilkinson, Ernest. (See Driggs and Wilkinson.)						
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Controller mechanism for turbines	811,982	Feb. 6	904	200	120	1673
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Valve mechanism for fluid-motors	811,983	Feb. 6	908	200	120	1674
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Marine turbine	811,986	Feb. 6	917	201	120	1675
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Marine turbine	811,987	Feb. 6	919	202	120	1676
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Controller mechanism for turbines	814,756	Mar. 13	1523	323	121	393
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Controller mechanism for multiple-stage turbines	818,499	Apr. 24	3874	834	121	2368
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Turbine Company. Turbine and controller mechanism therefor	822,798	June 5	1114	232	122	1973
Wilkinson, James, Birmingham, Ala., assignor to Wilkinson Steam Turbine Company. Governor for elastic-fluid turbines	818,008	Apr. 17	2911	628-9	121	2111
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Elastic-fluid turbine	811,984	Feb. 6	912	201	120	1674
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine bucket-wheel	811,985	Feb. 6	915	201	120	1675
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine bucket-wheel	814,757	Mar. 13	1528	324	121	394
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Elastic-fluid turbine	818,723	Apr. 24	4358	933	121	2474
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Bucket-wheel	819,105	May 1	142	30	122	36
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine bucket-wheel	819,106	May 1	145	30	122	37
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Elastic-fluid turbine	822,799	June 5	1122	232	122	1975
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine-shaft packing	822,800	June 5	1125	232	122	1975
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine bucket-wheel	822,801	June 5	1128	233	122	1976
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Shaft-packing	822,802	June 5	1131	233	122	1976
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Elastic-fluid-turbine nozzle	823,909	June 19	3355	715	122	2567
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine-governing mechanism	825,998	July 17	2687	557	123	719
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Governing mechanism for turbines	825,999	July 17	2691	557	123	720
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Controller mechanism for turbines	826,000	July 17	2695	558	123	721
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Valve-controlling mechanism	826,979	July 24	4639	966	123	1223
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine-governing mechanism	826,980	July 24	4642	967	123	1224
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Valve mechanism	826,981	July 24	4645	967	123	1225
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Adjustable supporting means for turbines	830,393	Sept. 4	1002	210	124	247
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Elastic-fluid turbine	838,487	Dec. 11	2414	525	125	1996
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine bucket-wheel	839,242	Dec. 25	3893	838	125	2448
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine bucket-wheel	839,243	Dec. 25	3896	838	125	2448
Wilkinson, John, assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Gearing	825,438	July 10	1538	318-19	123	419
Wilkinson, John A., Washington, D. C. Metallic tie	818,060	Apr. 17	3024	654	121	2133
Wilkinson, John A., Shelton, Conn. Paper	818,500	Apr. 24	3879	834	121	2369
Wilkinson, John F., Gloucester, Mass. Box-planting attachment for sewing-machines	828,589	Aug. 14	1807	381	123	2148
Wilkinson, Joseph, Bridgeport, Conn. Telescope-mounting for guns	834,785	Oct. 30	5802	1231	124	2814
Wilkinson Manufacturing Company. (See Wilkinson, Alfred, assignor.)						
Wilkinson Steam Turbine Company. (See Wilkinson, James, assignor.)						
Wilkinson Sword Company <i>et al.</i> (See Simone, Michele G. de, assignor.)						
Wilkinson Sword Company. (See Velasco, John, assignor.)						
Wilkinson Turbine Company. (See Wilkinson, James, assignor.)						
Wilkinson, Tyree F., Richmond, Va. Tag	837,762	Dec. 4	967	217	125	1595
Wilkinson, Walter S. (See Grigsby, William W., assignor.)						
Wilkinson, Walter S., Baltimore, Md. Pavement mixture	836,059	Nov. 13	2257		125	605
Wilkinson, Fred E., Fairbury, Neb. Lavatory apparatus	827,278	July 31	5296	1098	123	1401
Wilkinson, William W., Avalon, Mo. Anchor	836,231	Nov. 20	2637	555	125	752
Wilks, Herbert J., and M. Klaiber, New York, assignors to Modern Improvements Mfg. Co., Brooklyn, N. Y. Coupling for pipes and tubes	821,564	May 22	5165	1102	122	1324
Wilks, Lawrence S., Whipps Cross, England. Bell push, pull, &c	809,595	Jan. 9	2001	415	120	471
Will, Fred W., Aurora, Oreg. Rotary tumbler-washer	835,925	Nov. 13	2035	434	125	552
Will, Karl W., Grunewald-Iselin, Germany. Priming composition	827,768	Aug. 7	165		123	1711
Willaman, John J., Canton, Ohio. Gate	811,019	Jan. 30	4912	1024	120	1228
Willard, Frederick A., Lynn, Mass., assignor to General Electric Company. Means for controlling electric motors from a distant point	835,381	Nov. 6	1016	216-18	125	257
Willard, Frederick A., Rochester, N. Y., assignor to General Electric Company. System of valve control	835,382	Nov. 6	1022	218-19	125	259
Willard, Frederick L., Brooklyn, assignor of one-half to G. Weideman, New York, N. Y. Electric controlling device	817,945	Apr. 17	2794	605	121	2084
Willard, John B., New York, N. Y. Hinge	820,462	May 15	2916	633	122	770
Willcox and Gibbs Sewing Machine Company. (See Madison, Alfred L., assignor.)						
Willcox, James E., Malden, Mass. Sectional packing	838,291	Dec. 11	2048	442	125	1905
Willcox, Junius R., Norfolk, Va. Load-limit mechanism for elevators	823,455	June 12	2457	519	122	2310
Willcutt, Joel W., Sterling, Ala. Harrow	837,166	Nov. 27	4553	966	125	1255
Wille, August R. L., Leipsic, Germany. Timing mechanism for electric circuits	820,078	May 8	2163	471	122	545

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Wille, Henry V., Philadelphia, Pa. Manufacture of composite tools.....	830,030	Sept. 4	236	45	124	58
Willebrands, George W. (See Kaltschmidt, Albert E., assignor.)						
Willett, Adoniram R., Louisville, Ky. Heating-stove.....	839,354	Dec. 25	4110	883	125	2502
Willett, Charles W., Portland, Oreg. Log-dog.....	812,389	Feb. 13	1767	387	120	1926
Willett, Charles W., Portland, Oreg. Gang-edger.....	837,444	Dec. 4	329	78	125	1438
Willett, George F., <i>et al.</i> (See Hird, Charles, assignor.)						
Willett, Marinus, Brookgreen, S. C. Agricultural appliance.....	819,486	May 1	904	197-8	122	202
Willett, William C. (See Hackburn, Willett, and Deppe.)						
Willetts, Reuben, Butler, Pa. Gas-engine.....	830,270	Sept. 4	757	155	124	190
Willetts, Reuben, Butler, Pa. Gearing.....	832,439	Oct. 2	846	163	124	1416
Willhoit, Elmer T., Woodruff, Mo. Cuspidor.....	817,029	Apr. 3	963	198	121	1573
William B. Pollock Company. (See Sherman and McKelvey, assignors.)						
William Knabe & Company Manufacturing Company. (See Darley, John W., Jr., assignor.)						
William Knabe & Company Manufacturing Company. (See Knabe, Ernest J., Jr., assignor.)						
William Knabe & Company Manufacturing Company of Baltimore City. (See Darley, John W., Jr., assignor.)						
William Rahr Sons' Company. (See Rahr and Bauer, assignors.)						
William Schofield Company. (See Schofield and Reeder, assignors.)						
William Sellers & Company. (See Vold, Lars H., assignor.)						
William Wharton, Jr., & Company. (See Corts and Cooke, assignors.)						
William Wharton, Jr., & Company, Incorporated. (See Angerer, Victor, assignor.)						
William Wharton, Jr., & Company, Incorporated. (See Cooke, Warner B., assignor.)						
William Wharton, Jr., & Company, Incorporated. (See Keim, Frank L., assignor.)						
William Wharton, Jr., & Company, Incorporated. (See Shoemaker, George, assignor.)						
Williams-Abbott Electric Company. (See Knight, Herbert L., assignor.)						
Williams-Abbott Electric Company. (See Knight and Sweet, assignors.)						
Williams, Albert, Joliet, Mont. Binder attachment.....	809,877	Jan. 9	2523	523	120	588
Williams, Alfred. (See Daft and Williams.)						
Williams, Alice L. (See Williams, Russell R., assignor.)						
Williams, Allen. (See Brown and Williams.)						
Williams, Alva E., Aurora, Nebr. Train-order-holding device.....	815,500	Mar. 20	3055	637	121	773
Williams, Amanda A., Florence, Tex. Musical instrument.....	819,487	May 1	906	198	122	202
Williams, Amos J. (See Gregg and Williams.)						
Williams, Arthur G. R., Cambridge, Waikato, New Zealand. Basting apparatus.....	814,255	Mar. 6	501	104	121	107
Williams, Benjamin F., Chicago, Ill. Drawbridge.....	820,687	May 15	3355	719	122	865
Williams, Bert L., assignor of one-half to F. A. Bryant, Lowell, Mass. Photographic developer.....	838,488	Dec. 11	2417		125	1997
Williams, Brown & Earle. (See Brown, Nathaniel H., assignor.)						
Williams, Brown & Earle. (See Werner, Emil, assignor.)						
Williams, Cad P., Sanders, Ky. Device for facilitating the removal of bandages.....	817,946	Apr. 17	2796	605	121	2084
Williams, Charles C., assignor to G. E. Harbaugh and W. F. Traves, Cleveland, Ohio. Speed-changing mechanism.....	823,487	June 12	2543	536	122	2328
Williams, Charles, assignor of fifteen-sixteenths to W. H. Cowles and J. F. Young, Spokane, Wash. Multicolor-press.....	813,124	Feb. 20	3210	701-4	120	2277
Williams, Charles, assignor of seven-eighths to W. H. Cowles and J. F. Young, Spokane, Wash. Inking mechanism for presses.....	813,125	Feb. 20	3217	704-6	120	2278
Williams, Charles, assignor of fifteen-sixteenths to W. H. Cowles and J. F. Young, Spokane, Wash. Mechanical movement.....	813,126	Feb. 20	3221	706-7	120	2279
Williams, Charles, assignor of fifteen-sixteenths to W. H. Cowles and J. F. Young, Spokane, Wash. Paper-feeding mechanism.....	813,127	Feb. 20	3226	707-8	120	2280
Williams, Charles B., Ontario, Cal. Trap-nest for laying hens.....	809,038	Jan. 2	811	175	120	179
Williams, Charles D., Silverlake, Kans. Dust-receptacle.....	825,630	July 10	1993	415	123	532
Williams, Charles F., Coldwater, Mich. Kiln for drying lumber.....	829,497	Aug. 28	3689	778-9	123	2698
Williams, Charles H., Milton, Mass. Semaphore.....	817,603	Apr. 10	2091	442	121	1872
Williams, Charles H., Jr., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam.....	813,758	Feb. 27	4456	985	120	2602
Williams, Charles I. (See Godwin and Williams.)						
Williams, Charles L., Parkersburg, W. Va. Illuminated sign.....	818,724	Apr. 24	4361	934	121	2474
Williams, Charles O., assignor of one-half to Federal Gas Company, St. Louis, Mo. Carbureter.....	834,697	Oct. 30	5614	1191	124	2768
Williams, Charles O., assignor of one-half to Federal Gas Company, St. Louis, Mo. Air-drying apparatus.....	834,698	Oct. 30	5616	1192	124	2769
Williams, Charles R., McComas, W. Va. Return shipping-tag.....	828,163	Aug. 7	931	191	123	1899
Williams, Clara L., Chicago, Ill. Catamenial protector.....	830,757	Sept. 11	1772	365	124	477
Williams, Clarence, assignor of one-half to J. Ganey, Washington, D. C. Non-refillable bottle.....	834,544	Oct. 30	5293	1125	124	2687
Williams, David A. (See King, Samuel M., assignor.)						
Williams, Edward C., Chicago, Ill., assignor to United Printing Machinery Co. Type-high planer.....	837,763	Dec. 4	968	218-19	125	1595
Williams, Edward G. (See Parmelee and Williams.)						
Williams, Edward G., and E. H. Brown, Washington, D. C. Machine for handling material for tunnel-arch construction.....	829,903	Aug. 28	4537	956-7	123	2907
Williams, Edward T., Boston, Mass. Food compound and preparing the same.....	811,466	Jan. 30	5757		120	1407
Williams, Edward T., Shoemakersville, Pa. Needle-heading vise.....	837,527	Dec. 4	486	111	125	1477
Williams Electric Machine Company. (See Williams, Harry A., assignor.)						
Williams, Elkanah G., Harpster, Ohio. Rail-joint.....	815,243	Mar. 13	2504	521	121	605
Williams, Elkanah G., assignor of one-half to C. H. Lewis, Harpster, Ohio. Filter attachment.....	834,431	Oct. 30	5093	1082	124	2634
Williams, Evander, Memphis, Tenn. Cultivator.....	820,537	May 15	3085	664	122	808
Williams, Frank, and J. Davis, Kelvin, Ariz. Ter. Wrench.....	825,874	July 10	2447	510	123	642
Williams, Frank C., Chicago, Ill. Gripping implement.....	831,127	Sept. 18	2491	526	124	681
Williams, Frank F., St. Louis, Mo. Sliding-door pocket.....	834,649	Oct. 30	5519	1172	124	2743
Williams, Frank S., Daihart, Tex. Grapple.....	832,224	Oct. 2	426	79	124	1317
Williams, Frank T. (See Homan and Williams.)						
Williams, Frederick, Minersville, Pa. Safety brake or lock for elevators.....	822,803	June 5	1135	233	122	1977
Williams, Frederick W., Macon, Ga. Lawn-swing.....	828,005	Aug. 7	637	130	123	1828
Williams, George, West Mansfield, Ohio. Clamp.....	832,516	Oct. 2	987	198	124	1449
Williams, George A., Port Clinton, Ohio. Bottle-cap fastener.....	822,567	June 5	669	136	122	1875
Williams, George C. (See Dungan, Allen B., assignor.)						
Williams, George H., Los Angeles, Cal. Vehicle-wheel.....	814,580	Mar. 6	1158	242	121	251
Williams, George J., Philadelphia, Pa. Fire-hydrant drain.....	824,770	July 3	173	30	123	51
Williams, George L., Chicago, Ill. Eyeglasses.....	818,325	Apr. 17	3546	760	121	2244
Williams, George M., Fresno, Cal. Truck.....	818,326	Apr. 17	3548	760	121	2244

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Williams, George R., Findlay, Ohio. Molding-machine.	839,244	Dec. 25	3897	838	125	2449
Williams, George R., assignor to E. C. Fuller Company, New York, N. Y. Detecting mechanism.	824,460	June 26	4427	940-1	122	2852
Williams, George R., assignor to E. C. Fuller Company, New York, N. Y. Paper-feeding machine.	836,164	Nov. 20	2501	525-6	125	718
Williams, George W., Braddock, Pa. Line-rod.	816,410	Mar. 27	4956	1053	121	1233
Williams, Gilbert M., assignor to A. D. Cole, Maysville, Ky. Collapsible tube.	817,890	Apr. 17	2675	582	121	2054
Williams, Gurdon H., Cleveland, Ohio. Clam-shell bucket.	823,015	June 12	1570	325-6	122	2120
Williams, Harry A., Akron, Ohio. Electrical friction-clutch.	817,730	Apr. 10	2324	500	121	1926
Williams, Harry A., Akron, Ohio. Combined safety-clutch and wiring system.	826,206	July 17	3087	639-40	123	815
Williams, Harry A., assignor to Williams Electric Machine Company, Akron, Ohio. Magnetic friction-clutch.	817,210	Apr. 10	1318	275	121	1711
Williams, Harry A., assignor of five-twelfths to S. J. Cole and D. A. Messner, Akron, Ohio. Machine for making pipes.	817,209	Apr. 10	1313	274-5	121	1710
Williams, Harry B., New York, N. Y. Wheel-rim.	823,093	June 12	1739	358	122	2154
Williams, Harry B., Brooklyn, assignor to American Can Company, New York, N. Y. Vacuum-sealing preserving-can.	812,968	Feb. 20	2898	639	120	2207
Williams, Harry B., assignor to American Can Company, New York, N. Y. Tongueless key-opening sardine-can.	834,178	Oct. 23	4581	971	124	2462
Williams, Harry J., Meriden, Conn., assignor to United States Envelope Company, Springfield, Mass. Paper-fixture.	813,128	Feb. 20	3228	708	120	2280
Williams, Harry J., Meriden, Conn., assignor to United States Envelope Company, Springfield, Mass. Toilet-paper fixture.	819,682	May 1	1268	276	122	285
Williams, Harry J., New Haven, Conn., assignor to United States Envelope Company, Springfield, Mass. Toilet-paper fixture.	819,488	May 1	907	199	122	202
Williams, Harry S., assignor, by mesne assignments, to C. E. Dawson, Los Angeles, Cal. Advertising device.	819,394	May 1	731	155	122	166
Williams, Harry S., assignor to Ridgely Trimmer Company, Springfield, Ohio. Leveling instrument.	819,965	May 8	1894	419	122	482
Williams, Harvey D., Washington, D. C., assignor of one-half to Waterbury Tool Company, Waterbury, Conn. Mechanical movement.	819,683	May 1	1270	277	122	285
Williams, Henry, Finchley Road, county of Middlesex, England. Combined lift and bed-support for invalids.	816,697	Apr. 3	303	70-1	121	1427
Williams, Henry A., Wollaston, Mass. Worker-cylinder for machines for pulling, tearing, &c., cop-waste, &c.	815,395	Mar. 20	2871	536-7	121	732
Williams, Henry M. (See Burger, Franz, assignor.)						
Williams, Henry M. (See Burger and Williams.)						
Williams, Herbert F. (See Beckwith and Lawrence, assignors.)						
Williams, James H., assignor to Remington and Sherman Company, Philadelphia, Pa. Bolt construction for safe or vault doors.	816,519	Mar. 27	5166	1096	121	1280
Williams, James M., Wilmore, Kans. Corn-harvester.	833,190	Oct. 16	2362	494-5	124	1873
Williams, James O., Chattanooga, Tenn. Table-leveler.	831,398	Sept. 18	3004	638	124	810
Williams, James P., Boston, Mass., assignor, by mesne assignments, to Victor Manufacturing Company. Attachment for beds.	821,691	May 29	5439	1158-9	122	1440
Williams, James P., Boston, Mass., assignor, by mesne assignments, to Victor Manufacturing Company. Attachment for beds.	828,164	Aug. 7	932	191-2	123	1899
Williams, John A., Brooklyn, assignor to United States Slot Machine Company, New York, N. Y. Vending apparatus.	826,207	July 17	3090	640-1	123	815
Williams, John A., Brooklyn, assignor to United States Slot Machine Company, New York, N. Y. Vending apparatus.	826,208	July 17	3093	641	123	816
Williams, John B., Houston, Tex. Shutter-fastener.	838,829	Dec. 18	3071	662	125	2201
Williams, John D., Lewisville, N. C. Operating-table.	828,007	Aug. 7	639	130-1	123	1829
Williams, John H. (See Sitton and Williams.)						
Williams, John H., East Cleveland, Ohio. Test-clamp.	837,599	Dec. 4	646	148	125	1514
Williams, John K., Akron, Ohio. Machine for making continuously-formed articles from plastic material.	815,571	Mar. 20	3188	670	121	801
Williams, John K., Akron, Ohio. Vehicle-tire.	815,572	Mar. 20	3191	671	121	802
Williams, John L., Philadelphia, Pa. Self-adjustable journal, crank, and axle bearing.	825,688	July 10	2105	438	123	561
Williams, John M., Shaler township, Allegheny county, Pa. Timber-jack.	814,105	Mar. 6	204	41	121	414
Williams, John R., East Orange, N. J. Metal sheet-piling.	818,327	Apr. 17	3549	760	121	2245
Williams, John R., East Orange, N. J. Metal sheet-piling.	818,596	Apr. 24	4099	880-1	121	2416
Williams, John R., East Orange, N. J. Metal sheet-piling.	836,725	Nov. 27	3647	777	125	1032
Williams, John R., East Orange, N. J. Metal sheet-piling.	836,792	Nov. 27	3798	809	125	1073
Williams, John R., East Orange, N. J. Metal sheet-piling.	838,152	Dec. 11	1770	380	125	1838
Williams, Joseph, Jr., Pittsburg, Pa. Boiler-cleansing compound.	821,844	May 29	5742	122	1511	
Williams, Joseph A., Cleveland, Ohio. Explosive-engine.	811,809	Feb. 6	517	115	120	1595
Williams, Joseph A., Cleveland, Ohio. Explosive-engine.	811,888	Feb. 6	679	149	120	1629
Williams, Joseph A., Cleveland, Ohio. Magneto-electric generator.	832,354	Oct. 2	673	129	124	1374
Williams, Joseph B., and E. C. Brown, Susanville, Cal. Support for horses' heads.	813,759	Feb. 27	4457	985	120	2603
Williams, Joseph T. (See Eaches, William R., assignor.)						
Williams, Josiah H., Columbia, S. C. Fresh-air cabinet.	839,688	Dec. 25	4790	1024	125	2667
Williams, L. R. (See Dormont, Frank C., assignor.)						
Williams, Lacey Y., and F. B. Harrison, Toledo, Ohio. Car-journal-box lid.	836,793	Nov. 27	3800	809	125	1074
Williams, Lawrence, Ames, Iowa. Convertible couch and bed.	835,770	Nov. 13	1748	373	125	483
Williams, Lee B., Patton, Pa. Brake.	838,830	Dec. 18	3072	662	125	2201
Williams, Leonard F., Thurber, Tex. Air-brake governor.	825,786	July 10	2289	476	123	604
Williams, Llewellyn, Boston, Mass. Apparatus for the treatment of cargoes and goods in ships, warehouses, &c.	839,689	Dec. 25	4792	1024-5	125	2667
Williams, Louis N. D. (See Scott, Robert W., assignor.)						
Williams, Louis N. D., Ashbourne, assignor of one-half to R. W. Scott, Philadelphia, Pa. Stop-motion device for knitting-machines.	821,969	May 29	5979	1273	122	1562
Williams, Lucas R. (See Dormont, Frank C., assignor.)						
Williams, Martin H., Sonora, Ky. Cattle-guard.	839,245	Dec. 25	3900	839	125	2450
Williams, Martin L., Tacoma, Wash. Rotary engine.	838,928	Dec. 18	3242	701	125	2240
Williams, Matthew, Seneca, Ga. Fertilizer-distributor.	833,815	Oct. 23	3656	781	124	2235
Williams, Miles W., Sharon, Pa. Rail-joint-base bond.	823,198	June 12	1968	410	122	2207
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Cage for crushers and pulverizers.	811,679	Feb. 6	282	63	120	1547
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Disintegrating-machine.	813,190	Feb. 20	3334	733	120	2302
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Preliminary breaker for crushers and pulverizers.	818,328	Apr. 17	3552	761	121	2245
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Dumping-cage for crushers and pulverizers.	818,725	Apr. 24	4362	934	121	2475
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Dumping-cage for crushers and pulverizers.	836,161	Nov. 20	2497	524	125	717

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Dumping-cage for crushers and pulverizers.	836,162	Nov. 20	2498	524-5	125	718
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Dumping-cage for crushers and pulverizers.	836,163	Nov. 20	2500	525	125	718
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Dumping-cage for crushers and pulverizers.	836,422	Nov. 20	3035	644	125	848
Williams, Morris. (See Kohlbraker, Francis H., assignor.)						
Williams, Orin, Des Moines, assignor of five-eighths to J. R. Howie and H. M. Chase, Brooklyn, Iowa. Rotary engine.	828,259	Aug. 7	1098	231-3	123	1938
Williams, Orin, Des Moines, assignor of five-eighths to J. R. Howie and H. M. Chase, Brooklyn, Iowa. Rotary engine.	828,260	Aug. 7	1105	233	123	1939
Williams, Oscar, Charleston, Wash. Car-axle.	837,167	Nov. 27	4554	966	125	1256
Williams Patent Crusher & Pulverizer Company. (See Frickey, Edward H., assignor.)						
Williams Patent Crusher & Pulverizer Company. (See Williams, Milton F., assignor.)						
Williams, Paul F., Chicago, Ill. Connector for electrical conductors.	831,815	Sept. 25	3847	806	124	1066
Williams, Richard P., New York, N. Y., assignor to Lorain Steel Company. Tongue-switch.	834,432	Oct. 30	5094	1082	124	2634
Williams, Robert, Coaldale, Pa. Power-transmission system.	817,604	Apr. 10	2093	442	121	1872
Williams, Robert E., Dallas, Tex. Brush.	823,312	June 12	2206	460	122	2257
Williams, Robert J., Cincinnati, Ohio. Window-cleaner.	820,688	May 15	3357	719	122	865
Williams, Russell R., assignor to A. L. Williams, Morrison, Colo. Automatic gate and door.	819,831	May 8	1596	339-40	122	420
Williams, Sion H., Hornbeak, Tenn. Combined ironing-board and step-ladder.	831,692	Sept. 25	3634	761	124	1012
Williams, Sydney S., Chicago, Ill. Internal-combustion engine.	809,081	Jan. 2	916	192	120	203
Williams Telephone & Supply Company. (See Horning, Walter R., assignor.)						
Williams, Thaddeus W., Milwaukee, Wis. Surgical instrument.	837,993	Dec. 11	1420	308	125	1750
Williams, Thomas A. (See Brant, Alva, assignor.)						
Williams, Thomas B., assignor to Leavitt Machine Co., Orange, Mass. Rotary cutting device.	814,418	Mar. 6	863	177	121	188
Williams, Thomas B., assignor to Leavitt Machine Company, Orange, Mass. Valve-re-seating machine.	824,321	June 26	4127	883	122	2790
Williams, Thomas E., Greenfield, Ind. Chair-truck and self-contained propelling means therefor.	838,228	Dec. 11	1918	411-12	125	1875
Williams, Thomas R. (See Lewis and Williams.)						
Williams Typewriter Company. (See Myers, Louis, assignor.)						
Williams Typewriter Company. (See Secor, Jerome B., assignor.)						
Williams, Violet C., Pittsburg, Pa. Folding trunk.	839,796	Dec. 25	5007	1069	125	2720
Williams, Walter W., Littlefork, Minn. Wire choker-trap.	822,228	May 29	6473	1373	122	1677
Williams, William, Morrisburg, Canada. Insecticide.	825,787	July 10	2292		123	605
Williams, William A., San Francisco, Cal. Flushing-tank.	826,002	July 17	2701	559	123	723
Williams, William A., Easton, Pa. Pile-driver and stone-breaker.	839,246	Dec. 25	3902	839	125	2450
Williams, William E., Chicago, Ill. Shredded-wheat biscuit.	820,899	May 15	3821	815	122	969
Williams, William E., Chicago, Ill., assignor, by mesne assignments, to Diamond Match Company. Match-making machine.	830,031	Sept. 4	237	45-7	124	58
Williams, William H. (See Cartier, Cyrille, assignor.)						
Williams, William H., Belle, Okla. Ter. Combined lister-plow and planter.	811,606	Feb. 6	136	30-1	120	1515
Williams, William H., Belle, Okla. Ter. Plow.	835,997	Nov. 13	2151	461	125	579
Williams, William J., Terre Haute, Ind. Continuous-rail joint and clamp.	809,417	Jan. 9	1652	339	120	396
Williams, William J., Elyria, Ohio. Tie-plate.	815,244	Mar. 13	2506	521	121	605
Williams, William J., Philadelphia, Pa. Smokeless powder and making same.	825,168	July 3	960		123	251
Williams, William J., Jr., and A. Edgar, Caledonia, N. Y. Stanchion.	815,994	Mar. 27	4070	862	121	1041
Williams, William K., assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Show-case.	834,699	Oct. 30	5617	1192	124	2769
Williams, Win D., Philadelphia, Pa. Rotary oscillating reciprocating engine.	835,741	Nov. 13	1690	359-60	125	470
Williams Wire-Hinging Machine Company. (See McMurray, William, assignor.)						
Williams, Zenas H., Grantworks, Ill. Level device.	835,172	Nov. 6	598	122	125	151
Williamson, Albert, <i>et al.</i> (See Olsson, Henry A., assignor.) (Reissue.)						
Williamson, Charley H., Blissford, Ohio. Means for unloading gravel.	820,538	May 15	3086	664	122	808
Williamson, Edward, <i>et al.</i> (See Olsson, Henry A., assignor.) (Reissue.)						
Williamson, Henry C., and H. Pries, Michigan City, Ind. Underframing for cars.	817,947	Apr. 17	2797	606	121	2084
Williamson, Henry C., and H. Pries, Michigan City, Ind. Underframing for cars.	826,982	July 24	4648	967-8	123	1226
Williamson, James, and H. O'Brien, Chicago, Ill. Hose-coupling.	815,995	Mar. 27	4071	862	121	1042
Williamson, James P., <i>et al.</i> (See Smith, John C., assignor.)						
Williamson, James R., Chicago, Ill. Journal-box for railway-cars.	818,501	Apr. 24	3880	834	121	2369
Williamson, John. (See Levey, John, assignor.)						
Williamson, John. (See Schenck, Rudolph, assignor.)						
Williamson, John, Chicago, Ill. Valve for water-gas plants.	817,211	Apr. 10	1320	275-6	121	1712
Williamson, John, Glasgow, Scotland. Packing for stuffing-boxes.	830,394	Sept. 4	1005		124	248
Williamson, John B., Louisville, Ky. Condiment-holder.	834,096	Oct. 23	4404	936	124	2415
Williamson, John B., and A. V. Oldham, assignors of one-fourth to T. L. Jefferson, Louisville, Ky. Container-top.	823,381	June 12	2318	486	122	2280
Williamson, John S., Elizabethtown, N. C. Bag-fastener.	813,266	Feb. 20	3477	766-7	120	2331
Williamson, John S., Elizabethtown, N. C. Tie for packages.	814,758	Mar. 13	1530	324	121	394
Williamson, Joseph C., and W. D. Barker, Tallahassee, Fla. Combined valve-stem clamp and lubricator.	831,814	Sept. 25	3846	805	124	1066
Williamson, Robert L. (See Brown, Williamson, Parrish, and Nail.)						
Williamson, Samuel F., Philadelphia, Pa. Fireboard.	822,497	June 5	522	106	122	1840
Williamson, Samuel S. (See Hallock, Howard B., assignor.)						
Williamson, William, Saginaw, Mich. Check-rein.	808,961	Jan. 2	686	149	120	152
Williamson, William, Saginaw, Mich. Lounging-chair.	828,079	Aug. 7	785	161	123	1865
Williamson, William, and J. Collinson, Manchester, England. Loom-shuttle and mechanism operated thereby.	828,360	Aug. 14	1357	256	123	2031
Williamson, William A., Friendly, W. Va. Oil-saver.	816,284	Mar. 27	4655	988	121	1171
Williamson, William A., Brampton, Ontario, Canada. Folding bed.	834,786	Oct. 30	5804	1232	124	2815
Williamson, Wm. H. (See Strom, Victor A., assignor.)						
Willis, Achille M., Beaver, Okla. Ter., assignor of two-thirds to W. H. Brownell and W. M. Evans, Richmond, Va. Oyster-bed.	831,200	Sept. 18	2618	551	124	711
Willis, Edward J., Richmond, Va. Electric machine.	813,472	Feb. 27	3911	858	120	2483
Willis, George M. (See Badt and Willis.)						
Willis, Henry M., East Williston, N. Y. Display rack or stand.	808,962	Jan. 2	688	149	120	152
Willis, Henry M., East Williston, N. Y. Weighing instrument.	822,804	June 5	1137	234	122	1977
Willis, Henry M., East Williston, N. Y. Universal indicator.	822,805	June 5	1139	234	122	1978
Willis, Henry M., East Williston, N. Y. Cover for jars, cans, and similar articles.	824,896	July 3	446	88	123	120
Willis, Henry M., East Williston, N. Y. Cigar-perforator.	826,299	July 17	3254	673	123	855
Willis, Henry M., East Williston, N. Y. Brush-holder.	829,047	Aug. 21	2723	572	123	2411
Willis, Houston M., Prairieville, Ala. Attachment for guitars.	823,657	June 19	2892	611	122	2467

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. & G.	Vol.	Page.
Willis, Richard M., New York, and A. A. Du Mond, Rochester, N. Y.; said Du Mond assignor to said Willis. Dispensing bottle or jar.....	809,159	Jan. 2	1059	220	120	232
Willis, Robert, Philadelphia, Pa. Hat-fastener.....	818,988	Apr. 24	4873	1047	121	2585
Willis, Samuel A., Parry Sound, Canada. Skate.....	814,819	Mar. 13	1658	347	121	421
Willits, Brutus D., Des Moines, Iowa. Track-sanding apparatus.....	814,256	Mar. 6	502	104	121	108
Willitts, Harry, New Boston, Ill. Corn-cutter.....	838,367	Dec. 11	2187	474-5	125	1940
Willix, Daniel B., assignor of one-half to G. W. Willix, Alexandria Bay, N. Y. Controller for sparking devices of gas-engines.....	811,680	Feb. 6	283	63	120	1547
Willix, George W. (See Willix, Daniel B., assignor.)						
Willman, Herman V., Chicago, Ill. Attachment for chandeliers.....	819,107	May 1	147	30	122	37
Willmann, Joseph, Rome, N. Y. Cooler.....	836,951	Nov. 27	4121	879	125	1150
Willms, Charles, Baltimore, Md. Float for flushing-tanks.....	835,089	Nov. 6	433	87	125	114
Willms, Charles, Baltimore, Md. Water-tank.....	838,601	Dec. 18	2640	569	125	2096
Willock, Harry H., <i>et al.</i> (See Kruse, Alfred T., assignor.)						
Willoughby, George S., Spokane, Wash. Railway-semaphore.....	838,153	Dec. 11	1771	381	125	1839
Willour, Le Roy, Ashland, Ohio. Hay-carrier.....	835,653	Nov. 13	1545	330-1	125	433
Willour, Le Roy, Ashland, Ohio. Door-hanger.....	836,952	Nov. 27	4122	880	125	1150
Willows, Edward, St. Henry, Canada. Rail-joint.....	818,726	Apr. 24	4364	934	121	2475
Wills, Frank J., Winchester, assignor of one-half to G. F. Topliff, Boston, Mass. Ticket printing and auditing machine.....	820,277	May 8	2545	552-5	122	630
Wills, Joseph, and L. E. Inlay, assignors of one-third to Niagara Falls Power Company, Niagara Falls, N. Y. Meter.....	834,787	Oct. 30	5806	1232	124	2815
Wills, William, Philadelphia, Pa. Cut-off and reversing valve mechanism for engines.....	814,493	Mar. 6	993	204	121	216
Wills, William, Philadelphia, Pa. Compound steam-engine.....	816,411	Mar. 27	4957	1053	121	1234
Wills, William F. (See Harrington, Cornelius J., assignor.)						
Willson Aluminum Company. (See Seward, George O., assignor.)						
Willson, Charles T., Amenia, assignor of two-thirds to W. H. Sheffield, Hobart, and L. C. Raegener, New York, N. Y. Electrolytically treating milk.....	829,308	Aug. 21	3270	689	123	2549
Willson, Freeman R., Jr., assignor to J. A. Jeffrey, Columbus, Ohio. Separator.....	811,192	Jan. 30	5254	1099-1100	120	1301
Willson, Freeman R., Jr., Worthington, assignor to J. A. Jeffrey, Columbus, Ohio. Conveyor-chute.....	813,473	Feb. 27	3912	858	120	2483
Willson, Freeman R., Jr., Worthington, assignor to J. A. Jeffrey, Columbus, Ohio. Conveyor.....	813,474	Feb. 27	3915	859	120	2484
Willson, Gustave, A. E. and E. Ostberg, Genoa, Nebr. Grain-car door.....	819,108	May 1	148	31	122	38
Willson, James, and A. Traeger, Porterville, Cal. Tire-remover.....	831,128	Sept. 18	2492	526	124	682
Willson, James F., assignor of two-thirds to I. G. Aker and F. W. Buckley, Deuel, Colo. Beet-topper.....	824,051	June 19	3628	772	122	2625
Willson, John W., Granite City, Ill. Street-indicator.....	836,166	Nov. 20	2510	526	125	721
Willson, John W., assignor of one-half to E. Mott, Granite City, Ill. Churn.....	824,164	June 26	3828	817	122	2727
Willson, Thomas A., Reading, Pa. Spectacles.....	822,806	June 5	1140	234	122	1978
Willson, Thomas L., New York, N. Y., assignor, by mesne assignments, to Union Carbide Company. Reducing calcium oxid.....	820,031	May 8	2053	450	122	519
Wilmarth & Morman Company. (See Ridderhof, Corneli, assignor.)						
Wilmerling, Henry G., New York, N. Y. Needle-threader and pincushion.....	825,095	July 3	809	168	123	216
Wilmore, John T., Denver, Colo. Wave and current electrical generator.....	833,361	Oct. 16	2712	572-3	124	1064
Wilmore, Silas E. (See Whitney, William C., assignor.)						
Wilmot, John F., Detroit, Mich. Joint for furniture.....	820,689	May 15	3358	720	122	865
Wilmot, John F., Detroit, Mich. Folding bed.....	823,456	June 12	2460	520	122	2310
Wilmoth, Harry E., assignor of one-half to H. F. Klostermeier, Atchison, Kans. Roller-cutter.....	826,133	July 17	2948	612	123	782
Wilmsen, Conrad, assignor to E. Ohlischlaeger & Cie., Viersen, Germany. Scouring-machine for woven fabrics.....	827,594	July 31	6002	1249	123	1573
Wilner, Elias R., <i>et al.</i> (See Sussman, Leon, assignor.)						
Wilner, Elias R., New York, N. Y. Incandescent gas-burner.....	812,469	Feb. 13	1908	421	120	1955
Wilner, Elias R., New York, N. Y., and L. Sussman, Bayonne, N. J. Rotary tool.....	824,322	June 26	4129	884	122	2791
Wilner, Samuel, <i>et al.</i> (See Sussman, Leon, assignor.)						
Wilson, Albert B., assignor of one-fourth to J. M. Lesser, New York, N. Y. Car-fender.....	813,475	Feb. 27	3917	859	120	2485
Wilson, Albert M., Cherokee, Iowa. Hose-supporter.....	825,257	July 3	1126	239	123	293
Wilson, Alfonso P., Worthington, Ind. Lifting-jack and wire-stretcher.....	821,565	May 22	5166	1102-3	122	1325
Wilson, Ancil J., Dexter, N. Y. Wire-stretcher.....	834,599	Oct. 30	5408	1147	124	2714
Wilson, Archibald R. (See Iveson and Wilson.)						
Wilson, Arthur, Berlin, Wis. Portable electric-lamp outfit.....	812,710	Feb. 13	2385	524	120	2049
Wilson, Asbury G., Wilksburg, Pa. System for charging storage-cells.....	827,836	Aug. 7	291	60-1	123	1743
Wilson, Asbury G., Wilksburg, assignor to Union Switch and Signal Company, Swissvale, Pa. System of charging storage batteries.....	817,827	Apr. 17	2538	545	121	2026
Wilson, Benton, Cambridge City, Ind. Saw-table for curved work.....	822,330	June 5	213	43	122	1773
Wilson, Charles C., Dayton, Ohio. Vehicle-wheel.....	815,573	Mar. 20	3192	671	121	802
Wilson, Charles E., Talmage, Cal. Suit-hanger.....	825,369	July 10	1363	287	123	372
Wilson, Charles F., New York, N. Y. Trolley-wheel.....	825,501	July 10	1682	351	123	454
Wilson, Charles H., Red Oak, Iowa. Pipe or conduit.....	822,705	June 5	963	197	122	1941
Wilson, Daniel W., New Bedford, Mass. Sparking plug.....	834,179	Oct. 23	4583	972	124	2462
Wilson, David H., assignor to R. Bines, Chicago, Ill. Telephone system.....	830,271	Sept. 4	761	155	124	190
Wilson, David H., assignor to R. Bines, Chicago, Ill. Telephone apparatus.....	830,272	Sept. 4	762	155	124	191
Wilson, David H., assignor to G. W. Kretzinger, Chicago, Ill. Telephone apparatus.....	836,848	Nov. 27	3895	831	125	1097
Wilson, David M., near Maynardville, Tenn., assignor to K. Hamilton, Washington, D. C. Automatic car-coupling.....	812,540	Feb. 13	2055	451	120	1986
Wilson, Elihu C., Bakersfield, Cal. Underreamer.....	827,595	July 31	6004	1249-50	123	1573
Wilson, Ernest, London, England. Apparatus for measuring watts in electrical circuits.....	810,179	Jan. 16	3156	653-5	120	774
Wilson, Francis M. (See Strogier and Wilson.)						
Wilson, Francis W., Boston, Mass. Soap-holder.....	823,572	June 19	2722	576	122	2427
Wilson, Frank, assignor of one-half to D. W. Church, Pocatello, Idaho. Extension step-ladder.....	838,831	Dec. 18	3073	662	125	2202
Wilson, Frank A., St. Catharines, Canada. Packing case, box, and the like.....	828,165	Aug. 7	936	192	123	1900
Wilson, Frank G., Platte, Mich. Fly-trap.....	821,913	May 29	5866	1247	122	1539
Wilson, Frank N., assignor of one-half to G. D. Kilborn, Cripple Creek, Colo. Mine-cage.....	824,269	June 26	4034	863	122	2771
Wilson, Fred. (See Field, Clark, and Wilson.)						
Wilson, George E. (See Kramer and Wilson.)						
Wilson, George W., Rockcreek, assignor of one-half to J. E. McEvoy, Hagerman, Idaho. Whiffletree-hook.....	812,390	Feb. 13	1769	387	120	1926
Wilson, Grant. (See Werd, William E., assignor.)						
Wilson, Harry, and A. Y. Leech, Jr., assignors to United States Ordnance Company, Washington, D. C. Percussion-fuse.....	829,361	Aug. 21	3387	715	123	2578
Wilson, Harry L., New York, N. Y. Rotary engine.....	831,255	Sept. 18	2729	575	124	740
Wilson & Hayes Mfg. Co. (See Thompson, Bert E., assignor.)						
Wilson, Hearley H., Altoona, Pa. Safety appliance for elevators.....	837,168	Nov. 27	4555	966-7	125	1256
Wilson, Henry, Emlenton, Pa. Device for oil-wells.....	812,711	Feb. 13	2386	524	120	2049

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Wilson, Henry J. (See Van Why, Joseph M., assignor.)						
Wilson, Henry L. (See Neal, James H., assignor.)						
Wilson, Herbert S., Kirkwood, assignor to Inland Type Foundry, St. Louis, Mo. Type-casting machine.	828,080	Aug. 7	786	162-3	123	1865
Wilson, Howard B., Schenectady, N. Y., assignor to General Electric Company. Starting device for electric motors.	809,878	Jan. 9	2524	523	120	588
Wilson, Howard L., Baltimore, Md. Pipe-rack.	826,300	July 17	3256	673	123	856
Wilson, James, Seattle, Wash. Fog-horn.	830,395	Sept. 4	1006	210	124	248
Wilson, James, assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-turbine.	834,788	Oct. 30	5808	1232	124	2816
Wilson, James G., Larchmont, N. Y. Shutter.	811,607	Feb. 6	141	31	120	1516
Wilson, James G., Larchmont, N. Y. Rolling shutter.	836,165	Nov. 20	2509	526	125	720
Wilson, James G. and L. G., New York, N. Y. Reciprocating shaft for roller-shutters.	834,433	Oct. 30	5096	1082	124	2635
Wilson, James H., Denver, Colo. Trace-carrier.	812,909	Feb. 20	2770	610	120	2179
Wilson, James R., Lawson, Mo. Lace-cabinet.	824,323	June 26	4131	884	122	2791
Wilson, James S. (See Harris, Winfred W., assignor.)						
Wilson, James S. (See Patterson, John S., assignor.)						
Wilson, James W. (See Orcutt and Wilson.)						
Wilson, James W., New York, N. Y. Billiard-cue.	818,597	Apr. 24	4103	881	121	2417
Wilson, Jerome B., Lansing, Mich. Wire-mattress stretcher.	818,500	Apr. 24	3882	835	121	2370
Wilson, John, Stockton, Cal. Churn.	835,126	Nov. 6	509	102	125	137
Wilson, John, assignor to one-half to A. C. Russell, Springfield, Ohio. Smoke-consumer.	815,574	Mar. 20	3193	671	121	802
Wilson, John, Short Hills, N. J., and S. O. Hoyt, Brooklyn, N. Y. Greenhouse.	838,229	Dec. 11	1926	412	125	1876
Wilson, John A., assignor, by mesne assignments, of one-half to L. D. Wilson, Georgetown, Ohio. Storm-front for buggies.	822,173	May 29	3369	1353	122	1652
Wilson, John C., Boston, Mass. Time-printing and numbering machine.	816,202	Mar. 27	4503	956	121	1137
Wilson, John D., Columbus, Ohio. Invalid's rest.	836,726	Nov. 27	3649	777	125	1032
Wilson, John H., New Kensington, Pa. Percolator.	832,108	Oct. 2	174	35	124	1256
Wilson, John H., New Kensington, Pa. Hinge for the lids of vessels.	834,434	Oct. 30	5098	1083	124	2635
Wilson, John J., assignor of one-half to H. Levi, Lincoln, Nebr. Portable fence-post.	832,565	Oct. 2	1085	217	124	1474
Wilson, John T., Des Moines, Iowa. Mold for cement posts.	823,457	June 12	2462	520	122	2311
Wilson, Joseph, Christchurch, New Zealand. Combined file and binder for newspapers and such like material.	809,484	Jan. 9	1782	368	120	425
Wilson, Joseph F., Invercargill, New Zealand. Friction-clutch.	810,516	Jan. 23	3923	806	120	978
Wilson, Joseph G., Neosho Falls, Kans. Wrench.	816,203	Mar. 27	4507	956	121	1138
Wilson, Joseph L., Los Angeles, Cal. Piano-action.	819,328	May 1	602	127	122	138
Wilson, John W., et al. (See Hockersmith, James B., assignor.)						
Wilson, Leonard, assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Protection against reversal of energy.	811,265	Jan. 30	5396	1126	120	1331
Wilson, Leonard, Pittsfield, Mass., assignor to Stanley G. I. Electric Mfg. Co. Demand-indicator.	835,484	Nov. 6	1204	261	125	302
Wilson, Lester G. (See Wilson, James G. and L. G.)						
Wilson, Lora D. (See Wilson, John A., assignor.)						
Wilson, Nathaniel G., Plains, Mont. Cross-line buckle.	838,676	Dec. 18	2794	600	125	2133
Wilson, Peregrine O. (See Hain, Victor, assignor.)						
Wilson, Ralph B., Chicago, Ill. Lock for loose-leaf binders.	832,109	Oct. 2	176	35	124	1256
Wilson, Ralph B., Chicago, Ill. Loose-leaf-ledger binder.	834,435	Oct. 30	5100	1083	124	2636
Wilson, Reginald W., and F. G. D. Johnston, Newcastle-upon-Tyne, England. Variable-speed gear.	823,658	June 19	2892	612	122	2467
Wilson, Robert C., Athens, Ga. Combined bottle-cap and cork-puller.	811,113	Jan. 30	5074	1060	120	1262
Wilson, Robert J., et al. (See Aurand, William A., assignor.)						
Wilson, Rollin C., Mount Vernon, N. Y., and W. H. Schulte, Trenton, N. J. Floor-flange for water-closet bowls and the like.	826,638	July 24	4005	829	123	1064
Wilson, Roy D., Beattie, Kans. Rack for electrotypes, &c.	826,076	July 17	2847	590	123	758
Wilson, Samuel A. (See Wilson, William H. and S. A.)						
Wilson, Samuel A., and E. A. Bronson, Newburgh, N. Y. Sand-drier.	813,191	Feb. 20	3336	734	120	2302
Wilson, Scott K., Grand Rapids, Mich. Making excelsior from broom-corn clippings.	823,573	June 19	2723	122	122	2427
Wilson, Stanley H., Chicago Heights, assignor to Railway Appliances Company, Chicago, Ill. Vehicle-step.	835,004	Nov. 6	252	55	125	66
Wilson, Stephen G., Philadelphia, Pa. Divided tenpin.	814,257	Mar. 6	503	104	121	108
Wilson, Thaddeus A., St. Louis, Mo. Folding bed-spring.	833,191	Oct. 16	2364	495	124	1874
Wilson, Thatcher P. and W. W., Longbeach, Cal. Steering device.	837,528	Dec. 4	487	112	125	1477
Wilson, Thomas J. (See Frazier, Charlie A., assignor.)						
Wilson, Thomas L., Pasadena, Cal. Combination framing-square.	832,285	Oct. 2	542	102	124	1344
Wilson, Walter J., Homestead, Pa. Sleeper or stringer for railways.	824,324	June 26	4133	884	122	2791
Wilson, Walter W. (See Wilson, Thatcher P. and W. W.)						
Wilson, Ward A., West Orange, and C. Apel, Kearny, N. J. Fence.	837,365	Dec. 4	177	42-3	125	1400
Wilson, William, Boston, Mass., assignor to Campbell Bosworth Machinery Company, Portland, Me. Bearing-stud.	831,816	Sept. 25	3849	806	124	1066
Wilson, William, Boston, Mass., assignor to Campbell-Bosworth Machinery Company, Portland, Me. Sewing-machine.	834,436	Oct. 30	5102	1083	124	2636
Wilson, William, Boston, Mass., assignor to Campbell-Bosworth Machinery Company, Portland, Me. Tension for sewing-machines.	834,600	Oct. 30	5410	1147	124	2715
Wilson, William G., et al. (See Imes, James S., assignor.)						
Wilson, William H., New Bedford, Mass. Loom-shuttle.	814,494	Mar. 6	995	204	121	217
Wilson, William H. and S. A., Flint, Mich. Railway signal apparatus.	817,459	Apr. 10	1820	382-3	121	1817
Wilson, William L., Tilden, Ill. Power-transmitting apparatus.	812,626	Feb. 13	2232	486	120	2019
Wilson, William P., Trenton, N. J. Flue-cleaner.	822,706	June 5	964	197	122	1941
Wilson, William R., and C. E. Howe, Wabash, Ind. Steel sled.	817,605	Apr. 10	2095	442	121	1873
Wilson, Wylie G. (See Sperry, Edwin A., assignor.)						
Wilt, George B., Marion, Ind. Device for lifting invalids.	832,517	Oct. 2	988	198	124	1449
Wilt, Samuel W., Alvada, Ohio. Hot-air heater.	816,412	Mar. 27	4959	1053	121	1234
Wilttrout, Francis M., Corunna, Ind. Portable mold for tiling.	818,727	Apr. 24	4365	935	121	2475
Wits, John F. (See Fitts, Thomas B., assignor.)						
Wiltse, Richard, Grand Junction, Iowa. Anchor-post.	809,879	Jan. 9	2526	524	120	589
Wiltse, Sara E., Boston, Mass. Exercising apparatus for children.	821,391	May 22	4843	1028	122	1256
Wiltse, Sidney L., assignor to W. F. Cowham, Jackson, Mich. Machine for molding cement blocks.	817,684	Apr. 10	2227	477-8	121	1902
Wilzin, Arthur, Clichy, France, assignor to E. W. Bliss Company. Punching, stamping, and like machine.	835,998	Nov. 13	2155	461-2	125	580
Wilzin, Arthur, Clichy, France, assignor to E. W. Bliss Company. Feeding mechanism for punching or like machines.	836,423	Nov. 20	3037	644-5	125	848
Wilzin, Arthur, Clichy, France, assignor to E. W. Bliss Company. Feeding mechanism for punching and like machines.	836,424	Nov. 20	3040	645	125	848
Wilzin, Arthur, Clichy, France, assignor to E. W. Bliss Company. Feeding mechanism for punching-machines.	838,292	Dec. 11	2050	442-3	125	1906
Wiman, Gustaf A., Malmö, and F. Schauman, Stockholm, Sweden. Paddle-wheel.	814,495	Mar. 6	996	204-5	121	217

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr g.	Vol.	Page.
Wimberly, Edward W., Marvyn, Ala. Railway-tie.	827,769	Aug. 7	166	34	123	1711
Wimer, Jacob Q., Joplin, Mo. Invoicing-machine.	812,910	Feb. 20	2771	610	120	2179
Wimmer, Robert, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Reduction of indigo coloring-matters.	820,900	May 15	3822		122	969
Wimmer, Robert, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Alkali salt of indigo white and making same.	833,654	Oct. 16	3319		124	2106
Wimpy, William E. (See Harris, James D., assignor.)						
Winans, Fenton J., Chicago, Ill. Making chocolate creams and the like.	833,102	Oct. 9	2164	455	124	1776
Winans, Linnaeus, Hood River, Oreg. Railway-rail-joint support.	821,566	May 22	5168	1103	122	1325
Winans, Myron L., Waco, Tex. End-gate for wagons.	831,915	Sept. 25	4084	852	124	1125
Winans, Thomas J., assignor to J. K. Noyes, executor, and J. P. Noyes & Company, Binghamton, N. Y. Button.	831,129	Sept. 18	2493	526	124	682
Winberg, August F., New York, N. Y. Awning.	808,963	Jan. 2	689	149	120	152
Winburn, David W., Atlanta, Ga. School-desk.	837,020	Nov. 27	4259	906	125	1182
Winburn, James B. M., Gainesville, Ga. Wrench.	834,545	Oct. 30	5294	1125	124	2687
Winch, Charles F., New York, N. Y. Fan.	818,804	Apr. 24	4531	968	121	2511
Winch, John F., Marion, Ohio. Baling-press.	839,247	Dec. 25	3903	839	125	2451
Winchell, Alvin T., Albion, Mich. Stationary switch and adjustable car-wheel for use thereon.	815,666	Mar. 20	3380	706-7	121	845
Winchester Repeating Arms Co. (See Bennett, Thomas G., assignor.)						
Winchester Repeating Arms Co. (See Burton, Frank F., assignor.)						
Winchester Repeating Arms Co. (See Johnson, Thomas C., assignor.)						
Winchester Repeating Arms Co. (See Mason, William, assignor.)						
Winkler, Albert and C., Lyon, France. Machine for washing and rinsing bottles.	828,361	Aug. 14	1359	287	123	2031
Winkler, Charles. (See Winkler, Albert and C.)						
Wind, Anthony, Buffalo, N. Y. Automatic closure for elevator-openings.	824,967	July 3	589	118	123	156
Windecker, Samuel, assignor to H. G. Jeanneret, Chicago, Ill. Frame for holding net fabrics.	819,109	May 1	150	31	122	38
Winder, James C., assignor to Atlanta Utility Works, Inc., East Point, Ga. Cotton-seed separator.	822,416	June 5	358	75	122	1804
Winder, James C., East Point, assignor to E. Van Winkle Gin & Machine Works, Atlanta, Ga. Magnetic separator.	837,994	Dec. 11	1421	309	125	1750
Winder, Robert C., Newark, N. J. Condenser.	822,807	June 5	1141	234	122	1978
Window Glass Machine Company. (See Bodine, Samuel L., assignor.)						
Window Glass Machine Company. (See Dravo and Frink, assignors.)						
Window Glass Machine Company. (See Hitner, Harry F., assignor.)						
Window Glass Machine Company. (See Lubbers, John H., assignor.)						
Window Glass Machine Company. (See McCann, John P., assignor.)						
Windsbridge, James, assignor to Lyman Gun Sight Corporation, Middlefield, Conn. Sight for firearms.	833,905	Oct. 23	3872	822	124	2290
Windsor, Benjamin F. (See Watkins and Skellenger, assignors.)						
Windsor, Benjamin F. (See White, Walter H., assignor.)						
Windsor Machine Company. (See Hipwell, John B., assignor.)						
Wine, John J. (See Crites and Wine.)						
Wines, Walter E., Minneapolis, Minn. Reel.	821,567	May 22	5169	1103	122	1325
Winfield Manufacturing Company. (See Winfield, William C., assignor.)						
Winfield, William C., assignor to Winfield Manufacturing Company, Warren, Ohio. Electric welding-machine.	812,969	Feb. 20	2900	639-40	120	2207
Winfield, William N., and J. Barker, assignors to Richmond & Backus Company, Detroit, Mich. Ledger.	814,894	Mar. 13	1779	372	121	446
Wintree, John B., Jr., Lynchburg, Va. Cake-trimmer.	835,341	Nov. 6	937	198	125	236
Winfrey, James W., Ashdown, Ark. Heating device for oil-presses.	809,547	Jan. 9	1892	393	120	449
Wing, George D., assignor of one-fourth to S. Chakales, Pittsburg, Pa. Cue.	825,096	July 3	811	168	123	216
Wing, Thurston J., Verbank, N. Y. Milk-pail.	833,655	Oct. 16	3319	706	124	2107
Wingate, Ernest R., Spokane, Wash. Clamp.	808,708	Jan. 2	163	37	120	37
Wingate, Wilbur E., assignor of one-half to Emmons Loom Harness Company, Lawrence, Mass. False reed for looms.	812,316	Feb. 13	1629	358	120	1897
Winger, William D., assignor of one-half to D. C. Souders, Lancaster, Pa. Toy.	815,667	Mar. 20	3381	707	121	845
Wingert, James L., Randolph, Nebr. Driving-bit.	822,174	May 29	6370	1353	122	1652
Wingterter, W. Bernard, et al. (See De France, Murry A., assignor.)						
Winget Concrete Machine Company. (See Winget, Marion A., assignor.) (Reissue.)						
Winget, Jasper S., York, Pa. Cigar-moistener.	816,413	Mar. 27	4960	1054	121	1234
Winget, Marion A., deceased, assignor, by mesne assignments, to Winget Concrete Machine Company, Columbus, Ohio. Machine for molding concrete bodies. (Reissue.)	12,444	Jan. 30	5892	1236	120	1436
Wingo, Richard T., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Mechanical movement.	809,160	Jan. 2	1060	220	120	232
Wingo, Richard T., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Mechanical movement.	813,129	Feb. 20	3229	709	120	2281
Wingren, Charles O., Pasadena, Cal. Electric furnace.	817,212	Apr. 10	1321	276	121	1712
Wingren, Eric P., Denison, Tex. Rail-joint.	826,812	July 24	4320	899	123	1145
Winkler, Andrew, Humphrey, Nebr. Bearing-box.	826,209	July 17	3097	641	123	817
Winkler, Elisha H. (See McGinnity and Winkler.)						
Winkler, Gustav, West Hammond, Ill. Journal box and bearing.	825,689	July 10	2107	438	123	561
Winkley Company. (See Schoenborn, Gustav C., assignor.)						
Winkley, Erastus E., Lynn, Mass. Sole-pressing machine.	818,503	Apr. 24	3883	835-6	121	2370
Winkley, Erastus E., Lynn, Mass. Sole-pressing machine.	818,504	Apr. 24	3889	836-8	121	2371
Winn, Chester B., Buffalo, N. Y. Artificial leg.	826,813	July 24	4322	899	123	1146
Winn, James A., Morrisville, Vt. Sash-fastener.	822,417	June 5	361	75	122	1804
Winn, John E. (See Conkling and Winn.)						
Winn, Marjorie H., New York, N. Y. Tag or label.	817,460	Apr. 10	1827	383	121	1818
Winn, Virgil, Toler, Wash. Self-feeding derrick-table.	812,106	Feb. 6	1143	251	120	1721
Winn, William E., assignor to Heyl & Patterson, Inc., Pittsburg, Pa. Coal and like washer.	811,608	Feb. 6	142	31	120	1516
Winn, William E., assignor to Heyl & Patterson, Inc., Pittsburg, Pa. Coal and like washer.	811,609	Feb. 6	144	32	120	1516
Winnacott, John. (See Pulner and Winnacott.)						
Winnick, Frederick G., Dearborn, Mo. Fifth-wheel for vehicles.	819,395	May 1	732	156	122	166
Winner Block Machine Company. (See Miller, John, assignor.)						
Winship, Gilmore M., et al. (See Heupel, Frederick K., assignor.)						
Winslow, Bert L., et al. (See Cross and Peterson, assignors.)						
Winslow, Edward J., Chicago, Ill. Affixing plastics.	815,886	Mar. 20	3865	819	121	945
Winslow, Edward J., Chicago, Ill. Anhydrous hydraulic cement and process.	837,169	Nov. 27	4557		125	1256
Winslow, Gorham N., Washington, D. C. Photographic-printing machine.	836,660	Nov. 20	3478	742	125	953
Winslow, Herbert H., Mount Tabor, Oreg., assignor to Pacific Manifold Book Company, Carson City, Nev. Manifold sales-book.	838,293	Dec. 11	2053	443	125	1906
Winslow, Horace L., Chicago, Ill. Brake-shoe.	809,658	Jan. 9	2126	441	120	497

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Winslow, John H., <i>et al.</i> (See Heath, Noble, assignor.)						
Winslow, Marlon H., Terre Haute, Ind. Platform-scale	823,313	June 12	2207	460	122	2258
Winslow, Sidney W., trustee. (See Rogers, Andrew W., assignor.)						
Winslow, William F., and G. B. Owen, assignors to Wm. L. Gilbert Clock Co., Winsted, Conn. Handle for winding-arbors.	826,002	July 17	2703	559	123	723
Winsor & Jerauld Manufacturing Company. (See Winsor, Robert P., assignor.) (Re-issue.)						
Winsor, John, <i>et al.</i> (See Greene, Jacob R., Jr., assignor.)						
Winsor, Paul. (See Lindall and Winsor.)						
Winsor, Paul, Weston, Mass., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. System of automatic brakes	814,999	Mar. 13	1982	417	121	486
Winsor, Paul, Weston, Mass., assignor to Union Switch and Signal Company, Swissvale, Pa. System of signaling	826,003	July 17	2704	559	123	724
Winsor, Robert P., Providence, R. I. Shock-absorber for vehicles	818,646	Apr. 24	4208	904	121	2442
Winsor, Robert P., Providence, R. I. Shock-absorber for spring-vehicles	818,647	Apr. 24	4209	905	121	2442
Winsor, Robert P., assignor to Winsor & Jerauld Manufacturing Company, Providence, R. I. Shock-absorber for vehicles. (Reissue)	12,566	Nov. 20	3509	749	125	959
Winsted Silk Company. (See Lawler, James J., assignor.)						
Winston, Charles S., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Special busy test for telephone-lines	825,439	July 10	1545	319	123	422
Winter, Carl, assignor to C. Gaebel, Chicago, Ill. Sad-iron handle	811,020	Jan. 30	4913	1025	120	1228
Wintter, Charles F., Hamilton, Ohio, assignor to M. D. Helfrich, Evansville, Ind. Flushing-valve	811,988	Feb. 6	924	202	120	1677
Wintter, Charles J., London, England. Case, bag, portfolio, and the like	830,396	Sept. 4	1007	210-11	124	248
Winter, Henry, Seattle, Wash. Sea-wall	827,279	July 31	5298	1098	123	1402
Winter, Oscar, and F. W. Waterman, Elyria, Ohio. Automatic device for operating valves and other mechanisms	836,794	Nov. 27	3802	809-10	125	1074
Winter, William A., Cincinnati, Ohio. Sash lock and balance	822,498	June 5	522	106	122	1840
Winterbottom, Thomas, White Cloud, Kans. Rope-rack	813,760	Feb. 27	4458	985	120	2603
Winterburn, Clarence L., assignor of two-thirds to W. H. Engel, Kalamazoo, and W. H. Deal, Oshkosh, Mich. Beet-harvesting machine	816,633	Apr. 3	178	38-9	121	1401
Wintermute, Harris C., Kansas City, Mo. Artificial limb	810,180	Jan. 16	3163	655	120	775
Winters, George, Hawthorne, N. J. Pedal-mat	837,021	Nov. 27	4260	907	125	1183
Winters, John H., Red Fork, Ind. Ter. Clamp	835,090	Nov. 6	436	87	125	115
Winters, L. D. (See Heuston, Thomas W., assignor.)						
Wintgens, Joseph, Pomeroy, Wash. Draft-equalizer	830,949	Sept. 11	2106	445	124	558
Winton, Alexander. (See Anderson and Winton.)						
Winton, Alexander, and H. B. Anderson, Cleveland, Ohio, assignors to Winton Motor Carriage Company. Air-brake for automobiles	833,992	Oct. 23	4164	883-4	124	2356
Winton, Alexander and H. B. Anderson, assignors to Winton Motor Carriage Co., Cleveland, Ohio. Clutch	835,721	Nov. 13	1659	352	125	462
Winton Motor Carriage Company. (See Winton and Anderson, assignors.)						
Wippell, Percival P. (See Colvan, Ezekiel B., assignor.)						
Wippler, Friedrich H., St. Louis, Mo. Sewer-pipe truck	837,764	Dec. 4	971	219	125	1595
Wire Goods Company. (See Washburn, Reginald, assignor.)						
Wire and Telephone Company. (See Houghton and Potter, assignors.)						
Wire and Telephone Company of America. (See Houghton, Stephen C., assignor.)						
Wireless Telegraph Exploitation Company. (See Vreeland, Frederick K., assignor.)						
Wiris, Edward J., Memphis, Tenn. Latch for refrigerator-doors	812,107	Feb. 6	1144	251	120	1722
Wirsching Organ Company. (See Wirsching, Philipp, assignor.)						
Wirsching, Philipp, assignor to Wirsching Organ Company, Salem, Ohio. Compound or duplex wind-chest	836,907	Nov. 27	4034	862-3	125	1129
Wirt, Charles, Germantown, Pa., assignor to Wirt Electric Company, Incorporated. Rheostat	815,996	Mar. 27	4073	862	121	1042
Wirt Electric Company. (See Wirt, Charles, assignor.)						
Wirt, Reuben D., Philadelphia, Pa. Swinging hose-rack	818,989	Apr. 24	4874	1047	121	2585
Wirt, Reuben D., Philadelphia, Pa. Automatic hose-valve	825,570	July 10	1822	387	123	487
Wirt, Reuben D., and C. R. Parker, Philadelphia, Pa. Hose-reel	818,990	Apr. 24	4875	1047	121	2586
Wirt, William A., Bluffton, Ind. Loose-leaf note-book cover and binder	826,460	July 17	3566	743	123	933
Wirth, Charles E., assignor to Plume and Atwood Manufacturing Company, Waterbury, Conn. Gas-regulating Bunsen burner	811,989	Feb. 6	925	202	120	1678
Wirth, Charles E., and W. W. Bradley, assignors to Plume and Atwood Mfg. Co., Waterbury, Conn. Gas-regulating device	812,627	Feb. 13	2233	486	120	2019
Wirth, Theodore, Hartford, Conn. Amusement device	808,796	Jan. 2	347	75	120	77
Wise, Daniel, <i>et al.</i> (See Barry, Jefferson D., assignor.)						
Wise Furnace Company. (See Wise, Wilbert G., assignor.)						
Wise, Harry, assignor of one-half to A. H. Gembler, Houston, Tex. Saw-set	820,161	May 8	2324	507	122	580
Wise, Henry T. C. (See Coates, Robert, assignor.)						
Wise, Jennings C., Watertown, N. Y. Agitating sulfur-burner	835,926	Nov. 13	2036	434-5	125	552
Wise, John. (See Booth and Wise.)						
Wise, John F., Peckham, England. Adjustable and automatic book-marker	827,837	Aug. 7	294	61	123	1743
Wise, Peter, <i>et al.</i> (See Clark, Joseph M., assignor.)						
Wise, Stanley G., Gas City, Ind. Bottle	838,929	Dec. 18	3247	701	125	2241
Wise, Wilbert G., assignor to Wise Furnace Company, Akron, Ohio. Furnace	818,398	Apr. 17	3690	792	121	2275
Wiseman, John W. (See Patterson and Wiseman.)						
Wisewell, Percy W., Boston, Mass. Magazine-gun	824,165	June 26	3830	817	122	2727
Wishart, George, Cambuslang, Scotland. Photographic plate or film holder	830,950	Sept. 11	2107	445	124	559
Wishon, Herbert L., Stillwell, Ill. Unloading attachment for wagons	837,170	Nov. 27	4558	967	125	1256
Wisnar, Emil, Los Angeles, Cal. Dado-cutter	811,681	Feb. 6	285	63	120	1548
Wisnar, Emil, Los Angeles, Cal. Cutter-head for wood-shapers	811,682	Feb. 6	286	64	120	1548
Wisnar, Emil, Los Angeles, Cal. Saw-set	831,693	Sept. 25	3635	761	124	1013
Wisner, Charles E., Detroit, Mich. Starting device for explosive-engines	832,566	Oct. 2	1086	218	124	1475
Wisner, Gustavus H., Pioneer, Mont. Washing-machine	822,331	June 5	215	43-4	122	1773
Wissemann, Conrad, Gelsenkirchen, Germany. Coal-mining machine	809,350	Jan. 9	1492	301-2	120	364
Wister, Jacob E., and G. T. Townsley, Philadelphia, Pa. Device for filling bottles	813,761	Feb. 27	4459	985-6	120	2603
Wiswall, Edwin, Lawrenceville, Ill. Leveling-rod	828,166	Aug. 7	387	192-3	123	1900
Wiswall, Wellington B., La Junta, Colo. Ribbon-holder	831,201	Sept. 18	2620	551	124	711
Witbeck, Arba L. (See Rowe and Witbeck.)						
Witcher, Otho H., and A. L. Harvey, Sweet Springs, Mo. Sawing-machine	817,948	Apr. 17	2798	606	121	2084
Witham, Horace L., Lowell, Mass. Rotary engine	832,830	Oct. 9	1642	33-8	124	1646
Witherbee, John G. (See Witherbee, Thomas F. and J. G.)						
Witherbee, Thomas F. and J. G., Port Henry, N. Y. Charging apparatus	828,796	Aug. 14	2206	468	123	2250
Witherell, George E., Hartford, Conn., assignor to Remington Arms Company, Ilion, N. Y. Single-trigger mechanism for firearms	808,890	Jan. 2	536	119	120	118
Witherell, George E., Hartford, Conn., assignor to Remington Arms Company, Ilion, N. Y. Firing mechanism for firearms	808,964	Jan. 2	690	150	120	152

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Witherell, George E., Hartford, Conn., assignor to Remington Arms Company, Ilion, N. Y. Firing mechanism for firearms.....	836,167	Nov. 20	2512	527	125	721
Withey, Louis L. (See Lawton and Withey.)						
Witmer, Benjamin, Plattsville, Canada. Cider-press.....	816,414	Mar. 27	4962	1054	121	1235
Witsch, Franz, Allegheny, Pa. Car-fender.....	829,821	Aug. 28	4374	924	123	2868
Witt, George C. (See Amann, Charles H., assignor.)						
Witt, George C., Cincinnati, Ohio. Can-seaming apparatus.....	814,759	Mar. 13	1531	324	121	395
Witt, George C., Cincinnati, Ohio. Fireproof receptacle.....	836,168	Nov. 20	2516	527	125	722
Witt, George E., San Francisco, Cal. Adjustable pipe-wrench.....	831,120	Sept. 18	2497	527	124	683
Witt, Martin F., Los Angeles, Cal. Apparatus for assorting fruit.....	826,210	July 17	3098	642	123	817
Wittbold, Louis, Chicago, Ill. Floral display-stand.....	816,053	Mar. 27	4200	891	121	1073
Witte, Ernst E., Newark, N. J., assignor to J. E. Mergott Company. Bag-fastener.....	815,668	Mar. 20	3382	707	121	846
Witte, Eugene B. (See Leib and Witte.)						
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Revolving and reclining chair.....	809,596	Jan. 9	2003	415	120	472
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Car-platform gate.....	809,597	Jan. 9	2005	416	120	472
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Folding gate for car-platforms.....	810,592	Jan. 23	4067	837	120	1008
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Reversible car-seat.....	810,833	Jan. 23	4503	938	120	1105
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Reversible car-seat.....	813,267	Feb. 20	3478	767	120	2332
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Car-seat.....	822,643	June 5	832	170	122	1911
Witte, Joseph, Wabasha, Minn. Rail-joint.....	839,355	Dec. 25	4112	883	125	2502
Witten, Arthur P., Akron, Ohio. Finger-cot.....	835,803	Nov. 13	1825	385	125	505
Wittenberg, Ludwig, Breslau, Germany. Means for quickly emptying crowded theaters, &c.....	815,997	Mar. 27	4074	863	121	1042
Wittkowski, Friedrich W., Des Moines, Iowa. Track-sanding apparatus.....	808,797	Jan. 2	349	75	120	78
Wittmer, Owen W., Columbus, Ohio. Brake-hanger.....	813,476	Feb. 27	3919	860	120	2485
Wittmer, Owen W., Columbus, Ohio. Brake-lever fulcrum.....	814,895	Mar. 13	1780	373	121	447
Wittstein, Charles T., Newark, N. J. Gem-setting for jewelry.....	832,887	Oct. 9	1763	364	124	1677
Wittum, Luman N., assignor of one-half to R. H. Peters, Wichita, Kans. Wheel.....	832,888	Oct. 9	1764	364	124	1677
Witz, Konrad. (See Neuburger and Witz.)						
Witzel, Andrew C., New York, N. Y. Bottle-closing device.....	820,032	May 8	2058	450	122	521
Witzenmann, Emil, Pforzheim, Germany. Process of and apparatus for manufacturing lined metallic hose.....	830,695	Sept. 11	1645	338	124	444
Wixcel, Samuel M., Marcus, Iowa. Hay-loader.....	809,598	Jan. 9	2006	416-18	120	472
Wixford, John F., St. Louis, Mo. System of water purification.....	814,180	Mar. 6	345	71	121	75
Wixford, John F., St. Louis, Mo. Water-purification system.....	814,634	Mar. 6	1260	265	121	273
Wixon, Howard, Chicago, Ill. Compound air-pump.....	817,538	Apr. 10	1971	418	121	1847
Wixon, Howard, assignor to Imperial Brass Manufacturing Company, Chicago, Ill. Compound air-pump.....	832,567	Oct. 2	1088	218	124	1475
Wiza, Anthony J., assignor of one-half to M. Regenfuss and M. Steiner, Milwaukee, Wis. Seaming-machine.....	819,329	May 1	603	127-8	122	128
Wlodarczyk, Wladyslaw, Borislav, Austria-Hungary. Deep-boring apparatus.....	812,541	Feb. 13	2057	451-2	120	1986
Wm. Briggs & Company. (See Thorpe, Jocelyn F., assignor.)						
Wm. H. Armstrong & Company. (See Armstrong, Pugh, and Magee, assignors.)						
Wm. J. Lemp Brewing Company. (See Baare, Edwin H., assignor.)						
Wm. Knabe & Co. Manufacturing Company. (See Knabe and Mallebre, assignors.)						
Wm. L. Gilbert Clock Co. (See Winslow and Owen, assignors.)						
Wm. L. Gilbert Clock Company. (See Owen, Arthur W., assignor.)						
Wm. Powell Co. (See Powell, James, assignor.)						
Wm. T. Bonner Co. (See Bonner, William T., assignor.)						
Wohle, William, assignor of two-thirds to F. Maxson and C. Herbert, Seneca Falls, N. Y. Upright flue-boiler.....	819,030	Apr. 24	4955	1063	121	2603
Woeke, Emil, Harburg-on-the-Elbe, Germany. Biscuit-cutter.....	834,437	Oct. 30	5103	1083	124	2637
Woelfler, Frank, <i>et al.</i> (See Bendickson, Iver E., assignor.)						
Woeltjen, Henry L., Chicago, Ill. Gun.....	822,808	June 5	1143	235	122	1979
Woerner, Robert, Mannheim, Germany. Spile-hole-ferrule driver.....	836,478	Nov. 20	3132	665	125	870
Woernle, Adolph, Boston, Mass. Food cutting and lifting device.....	834,601	Oct. 30	5412	1147	124	2715
Wohle, Salo, London, England. Detergent for scouring wool.....	818,648	Apr. 24	4211		121	2442
Wohlgemuth, Emil, Thum, Germany. Curtain-protector.....	827,838	Aug. 7	296	61	123	1743
Wohlpart, Adolph P. S. and P., New York, N. Y. Cooler.....	823,016	June 12	1572	326	122	2120
Wohlpart, Philip. (See Wohlpart, Adolph P. S. and P.)						
Wojciechowski, Jakob, Warsaw, Russia. Machine for loosening cut-up tobacco.....	817,354	Apr. 10	1597	337	121	1769
Wokoun, Louis. (See Jones, Simeon A., assignor.)						
Wolcott, Alven E., Tacoma, Wash. Traction-engine.....	832,518	Oct. 2	989	199-200	124	1450
Wolcott, Arthur H., Winthrop, assignor to John L. Whitney and Son Company, Boston, Mass. Brush ferrule or band.....	828,697	Aug. 14	2017	426	123	2201
Wolcott, Edson R., Golden, Colo. Locating and extracting metals beneath the earth's surface.....	822,175	May 29	6371	1353	122	1653
Wolcott, George M. (See Bryant, Wolcott, and Davidson.)						
Wolcott, Herbert W. (See Murray, William J., assignor.)						
Wold, Torris. (See Cameron, William, assignor.)						
Wolf, Abram W., Amos, W. Va. Fishing-tool for oil-wells.....	811,348	Jan. 30	5556	1159	120	1366
Wolf, Alvin Q., Dayton, Ohio. Sash-operating mechanism.....	810,242	Jan. 16	3300	684-5	120	804
Wolf, Andrew. (See Jasper, William, assignor.)						
Wolf, Arthur S. (See Stoltzfus and Wolf.)						
Wolf, Charles L. E., New York, N. Y. Non-refillable bottle.....	810,452	Jan. 23	3788	779	120	946
Wolf, Davis L., Archer City, Tex. Feed-cutter.....	830,951	Sept. 11	2109	446	124	559
Wolf, Edward H., Detroit, Mich. Hose-coupling and valve.....	833,143	Oct. 9	2247	473	124	1798
Wolf Electrical Promoting Company. (See Meyer, Henry A., assignor.)						
Wolf, Fannie, Jersey City, N. J. Garment-rack.....	825,097	July 3	812	168-9	123	216
Wolf, Fannie, Jersey City, N. J. Cabinet.....	825,098	July 3	812	169	123	216
Wolf, Felix, New York, N. Y. Pneumatic color-applying apparatus.....	818,649	Apr. 24	4211	905	121	2442
Wolf, Frank, Clackamas, Oreg. Cultivator.....	834,650	Oct. 30	5521	1172	124	2744
Wolf, Harry S. (See Grove, Albert H., assignor.)						
Wolf, Isaac. (See Weigel and Wolf.)						
Wolf, Jay L. (See Chipault, Francois, assignor.)						
Wolf, John, St. Louis, Mo. Safety-latch for trunks.....	837,366	Dec. 4	180	43	125	1402
Wolf, John H., Cottagegrove, Wis. Land-roller.....	810,453	Jan. 23	3792	780	120	948
Wolf, Julius H. G., San Francisco, Cal. Composite railway cross-tie.....	828,991	Aug. 21	2601	549	123	2379
Wolf, Louis. (See Blair and Wolf.)						
Wolf, Minnie, <i>et al.</i> (See Mead, Charles, assignor.)						
Wolf, Otto C., Philadelphia, Pa. Supporting structure for tanks.....	831,399	Sept. 18	3005	639	124	810
Wolf, Robert B., and H. E. Tidmarsh, Sandy Hill, N. Y. Paper-making machinery.....	828,167	Aug. 7	939	193-4	123	1901
Wolfe, Arthur P., Buffalo, assignor to Huntley Manufacturing Company, Silver Creek, N. Y. Corn-husking machine.....	837,445	Dec. 4	330	79-80	125	1438

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Wolfe, David C., Lyons, Kans. Automatic electric signaling device for railway switch systems.	821,914	May 29	5867	1247-8	122	1539
Wolfe, Edward O., Williamsport, Pa. Miter-jack.	823,017	June 12	1573	327	122	2120
Wolfe, Frank L., Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Pressure-recorder.	829,614	Aug. 28	3942	834	123	2761
Wolfe, Henry W., Baltimore, Md. Apparatus for administering anesthetics.	837,171	Nov. 27	4560	968	125	1257
Wolfe, John, and G. F. Frech, Cincinnati, Ohio. Ball-caster.	811,467	Jan. 30	5759	1205	120	1408
Wolfe, John N., Lancaster, Ohio. Construction of walls of buildings.	836,908	Nov. 27	4039	863	125	1131
Wolfe, Laura J., Columbus, Ohio. Artificial breast.	814,181	Mar. 6	347	71	121	76
Wolfe, Matt L., Miamisburg, Ohio. Cooling apparatus.	815,773	Mar. 20	3624	762	121	896
Wolfe, Thomas, assignor to Oakdale Manufacturing Company, Providence, R. I. Metal-bending machine.	825,788	July 10	2293	476-8	123	605
Wolfe, William, Batavia, assignor to American Heel Machine Company, Cincinnati, Ohio. Heel-building machine. (Reissue.)	12,433	Jan. 2	1341	272	120	295
Wolffes, Otto, assignor to Firm of E. Merck, Darmstadt, Germany. Making barbituric acids.	814,496	Mar. 6	997		121	217
Wolff, Carl, Hanover, Germany. Tobacco-pipe.	834,036	Oct. 23	4267	905	124	2381
Wolff, Fredrich J., Kansas City, Mo. Traveling hopper-scale.	818,505	Apr. 24	3896	838-9	121	2372
Wolff, Fredrick J., Kansas City, Mo. Sack-cleaning machine.	815,396	Mar. 20	2873	597	121	733
Wolff, Fredrick J., Kansas City, Mo. Beater.	839,533	Dec. 25	4482	956	125	2591
Wolff, Herbert W. (See Lipschutz, Arthur, assignor.)						
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. End brace for cars.	814,497	Mar. 6	999	205	121	217
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. End bracing for cars.	819,489	May 1	909	199	122	203
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. End brace for cars.	823,837	June 19	3221	681	122	2538
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. End bracing for cars.	823,838	June 19	3223	682	122	2538
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. End bracing for cars.	827,489	July 31	5805	1204	123	1524
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. Spliced car side.	832,110	Oct. 2	177	36	124	1257
Wolff, Herbert W., assignor to American Car & Foundry Company, St. Louis, Mo. Door-operating mechanism.	834,789	Oct. 30	5810	1232	124	2816
Wolff, Hugo. (See Bally and Wolff.)						
Wolff, Julie, New York, N. Y. Household-cleaner.	813,339	Feb. 20	3635	797	120	2364
Wolff, William E., New York, N. Y. Wristlet.	815,998	Mar. 27	4075	863	121	1043
Wolffenstein, Richard. (See Traube and Wolffenstein.)						
Wolford, William C., Confluence, Pa. Dental and surgeon's cabinet.	834,790	Oct. 30	5811	1233	124	2816
Wolfram, Paul H., Chicago, Ill. Ice-box.	810,015	Jan. 16	2819	583	120	703
Wolfram, Theodore, Columbus, Ohio. Piano sounding-board.	838,154	Dec. 11	1773	381	125	1839
Wolfsjager, Frank, Milwaukee, Wis. Making adjustable bearings.	827,135	July 31	4989	1041	123	1322
Wolfson, Jacob M. (See Raab and Wolfson.)						
Wolfson, Louis. (See Snowhill, William W., assignor.)						
Wolhaupter, Benjamin, Chicago, Ill. Tie-plate.	832,945	Oct. 9	1868	388	124	1701
Wolhaupter, Benjamin, Chicago, Ill., assignor to Rail Joint Company. Rail-joint.	836,953	Nov. 27	4123	880	125	1150
Wolke, Herman, San Francisco, Cal. Automatic dancing figure.	822,707	June 5	966	197	122	1942
Woll, Peter, Jr., et al. (See Dudson, John E., assignor.)						
Wollaston, John M., Dayton, Ohio. Time damper-controller.	831,587	Sept. 25	3386	711	124	944
Wollen, Gabriel S., Clay Center, Nebr. Thresher-tooth.	825,258	July 3	1127	239	123	293
Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Means for clamping photographic shutters, color-screens, &c., to photographic-lens mounts.	819,110	May 1	151	31	122	38
Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter.	831,202	Sept. 18	2622	551-2	124	711
Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter.	831,256	Sept. 18	2732	575-6	124	741
Wollensak Optical Company. (See Wollensak, Andrew, assignor.)						
Wollheim, Heinrich, et al. (See Abel, Willy, assignor.)						
Wolsey Tool and Motor Car Company. (See Austin, Herbert, assignor.)						
Womack, Samuel W., Laramie, Wyo. Plaster-kettle.	813,192	Feb. 20	3338	734	120	2303
Wonderlich, Herman, Providence, R. I. Ironing-machine.	818,728	Apr. 24	4367	935	121	2475
Wonderlich, Herman, Providence, R. I. Sad-iron.	829,615	Aug. 28	3943	835	123	2762
Wood, Abraham, Ramsbottom, England. Apparatus for guiding fabrics.	837,367	Dec. 4	181	43-5	125	1402
Wood, Albert A., Atlanta, Ga. Machine for sealing bottles.	830,551	Sept. 11	1333	274-6	124	359
Wood, Albert A., assignor of two-thirds to E. P. and A. P. Wood, Atlanta, Ga. Ginsaw-filing machine.	831,203	Sept. 18	2626	552	124	713
Wood, Albert P., et al. (See Wood, Albert A., assignor.)						
Wood, Alpheus H., Ann Arbor, Mich. Railway.	820,539	May 15	3088	664	122	809
Wood, Asa C., Waterloo, Iowa. Display-rack.	818,329	Apr. 17	3552	761	121	2245
Wood, Augustus, Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Composite speed-changer.	823,247	June 12	2078	432-3	122	2231
Wood, C. M., trustee. (See Marsh, Howard E., assignor.)						
Wood, Charles L., Winthrop, assignor of one-half to F. B. Lothrop, South Acton, Mass. Seal.	836,292	Nov. 20	2774	589	125	788
Wood, Charles W., New Orleans, La. Fireman's protective dress.	811,021	Jan. 30	4914	1025	120	1228
Wood, Edgar J., New York, N. Y. Turbine-engine.	808,709	Jan. 2	164	38	120	38
Wood, Edward P., et al. (See Wood, Albert A., assignor.)						
Wood, Eugenio K., San Francisco, Cal. Non-refillable bottle.	819,490	May 1	910	199	122	203
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	823,248	June 12	2080	433	122	2232
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Filling-feeder for filling-replenishing looms.	830,397	Sept. 4	1008	211	124	249
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	834,546	Oct. 30	5297	1126	124	2687
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	834,547	Oct. 30	5301	1126	124	2688
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	834,548	Oct. 30	5303	1126	124	2689
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	834,549	Oct. 30	5306	1127	124	2690
Wood, Everett S., assignor to Draper Company, Hopedale, Mass. Loom-shuttle.	837,765	Dec. 4	973	219	125	1595
Wood, Franz J., Des Moines, Iowa. Threshing-machine.	818,009	Apr. 17	2917	629-30	121	2112
Wood, Frederick L., Worcester, Mass., assignor to Aeolian Company, New York, N. Y. Take-up roll for perforated music-sheets.	813,607	Feb. 27	4179	916	120	2543

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Wood, Frederick L., Worcester, Mass., assignor to Aeolian Company, New York, N. Y. Pneumatic coupler.	826,397	July 17	3442	714-15	123	901
Wood, Frederick W., Kansas City, Mo. Pneumatic action for musical instruments.	821,568	May 22	5171	1104	122	1326
Wood, George W., Nestor, assignor of one-half to M. A. Vincent, San Diego, Cal. Wire straightening and cutting machine.	826,077	July 17	2849	591	123	759
Wood, Harry P. (See Whitaker and Wood.)						
Wood, Henry A. W., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Impression mechanism of cylinder printing-machines.	810,016	Jan. 16	2821	583-4	120	703
Wood, Henry A. W., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Combined rotary web printing and folding machine.	810,593	Jan. 23	4069	838	120	1009
Wood, Henry A. W., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Registering mechanism for printing-presses.	824,325	June 26	4135	885	122	2792
Wood, Henry A. W., New York, N. Y., assignor, by mesne assignments, to Detroit Trust Co., trustee, Detroit, Mich. Printing-machine.	831,257	Sept. 18	2739	576-7	124	743
Wood, Henry A. W., New York, N. Y., assignor, by mesne assignments, to Detroit Trust Co., trustee, Detroit, Mich. Printing-machine.	833,192	Oct. 16	2366	495-7	124	1874
Wood, Horace B., New Haven, Conn. Eyeglass attachment.	825,789	July 10	2297	478	123	606
Wood, Howard I., Schenectady, N. Y., assignor to General Electric Company. Incandescent electric lamp.	819,624	May 1	1155	254	122	259
Wood, Howard I., Schenectady, N. Y., assignor to General Electric Company. Electric vapor-lamp.	831,400	Sept. 18	3006	639	124	810
Wood, Howard I., Schenectady, N. Y., assignor to General Electric Company. Vapor electric apparatus.	831,401	Sept. 18	3009	639	124	811
Wood, J. Hansel. (See Sjöström, Victor, assignor.)						
Wood, James J., Fort Wayne, Ind. Prepayment electric meter.	822,091	May 29	6199	1321-2	122	1615
Wood, James J., Fort Wayne, Ind. Prepayment-meter.	826,814	July 24	4323	900	123	1146
Wood, James N., E. A. Hoen, and A. C. Meagher, Richmond, Va. Siphon water-elevator.	832,764	Oct. 9	1497	301	124	1614
Wood, John, Cincinnati, Iowa. Stove lifter and mover.	817,030	Apr. 3	965	198	121	1573
Wood, John C., Swindon, England. Transparent screen.	830,398	Sept. 4	1012	212	124	250
Wood, John D., St. Louis, Mo. Hand-bag.	818,729	Apr. 24	4368	935-6	121	2476
Wood, John J., Liverpool, England. Apparatus for indicating defective eyesight.	837,368	Dec. 4	185	46	125	1402
Wood, John T., Vanwinkle, Miss. Smoke-consumer.	839,797	Dec. 25	5008	1069	125	2720
Wood, John W., Moulton, Iowa. Electrochemical process of producing nitrogen compounds.	826,301	July 17	3257	674	123	856
Wood, Joseph H. (See Corbishley, Wood, and Collins.)						
Wood, Marcus D., Centralia, Wash. Harness-snap.	818,330	Apr. 17	3554	761	121	2246
Wood, Marshall A. (See Lovegrove, Thomas G., assignor.)						
Wood, Marshall G., London, England. Lock.	829,616	Aug. 28	3945	835	123	2762
Wood, Montraville M., Schenectady, N. Y., assignor to General Electric Company. Lamp-guard.	811,810	Feb. 6	519	116	120	1596
Wood, Montraville M., Schenectady, N. Y., assignor to General Electric Company. Induction-coil.	822,332	June 5	217	44	122	1774
Wood, Montraville M., Schenectady, N. Y., assignor to General Electric Company. Snap-switch.	825,259	July 3	1128	239	123	294
Wood, Montraville M., Schenectady, N. Y., assignor to General Electric Company. Trolley-catcher.	826,302	July 17	3258	674	123	856
Wood, Montraville M., Schenectady, N. Y., assignor to General Electric Company. Trackless trolley.	829,822	Aug. 28	4375	924	123	2868
Wood, Montraville M., Schenectady, N. Y., assignor to General Electric Company. Funnel.	835,489	Dec. 11	2418	525	125	1997
Wood, St. John, New York, N. Y. Dividing diamonds.	839,356	Dec. 25	4113	883	125	2502
Wood, St. John, New York, N. Y. Dividing diamonds.	839,357	Dec. 25	4115	884	125	2503
Wood, Thaddeus E., assignor to American Colortype Company, New York, N. Y. Jointed cut-out figure.	814,340	Mar. 6	699	140	121	154
Wood, Thomas A. S., London, England. Apparatus for dyeing, &c.	835,927	Nov. 13	2040	435	125	553
Wood, Thomas C., Bridgeport, Conn., assignor to Crane Company, Chicago, Ill. Pipe-coupling.	831,588	Sept. 25	3388	712	124	944
Wood, Washington F., and B. J. J. Goulding, assignors to Linotype and Machinery Limited, London, England. Sheet-receiving apparatus at the delivery end of printing and other machines.	836,232	Nov. 20	2638	555-6	125	753
Wood, Wilfred R., London, England. Underfed-furnace.	818,010	Apr. 17	2923	630-1	121	2113
Wood, William A., Montreal, Canada. Workman's time-recorder.	814,760	Mar. 13	1533	325	121	395
Wood, William A., Ansonia, Conn., assignor to Coe Brass Manufacturing Company. Apparatus for treating heated metal under pressure.	819,261	May 1	447	94-5	122	105
Wood, William A., Ansonia, Conn., assignor to Coe Brass Manufacturing Company. Automatic guiding and feeding machine.	823,018	June 12	1575	327	122	2121
Wood, William C., assignor to Crown Cork and Seal Company, Baltimore, Md. Soda-water-bottling machine.	813,340	Feb. 20	3635	797	120	2364
Wood, William C., assignor to New York Switch and Crossing Company, Hoboken, N. J. Tongue-switch.	837,766	Dec. 4	976	220	125	1596
Wood, William C., and B. Oaksford, London, assignors to W. Canning & Co., Birmingham, England. Apparatus for the agitation of solutions used in electrodeposition of metals.	808,798	Jan. 2	351	75	120	78
Wood, William G., San Francisco, Cal. Exercising-bag.	827,490	July 31	5807	1204	123	1525
Wood, William G., San Francisco, Cal. Exercising-bag.	827,596	July 31	6007	1250	123	1574
Wood, William H., Media, Pa. Hydraulic riveting-machine.	811,468	Jan. 30	5759	1206	120	1408
Wood, William H., Media, Pa. Hydraulic distributing-valve.	812,628	Feb. 13	2236	486-7	120	2020
Wood, William H., Cleveland, Ohio. Atomizer.	814,820	Mar. 13	1659	347	121	421
Wood, William H., Petersburg, South Australia, Australia. Railway-brake.	825,099	July 3	814	169-70	123	217
Wood, William T., assignor to F. O. Wallace, Nashville, Tenn. Inhaler.	833,103	Oct. 9	2166	456	124	1776
Wood, William W., Tacoma, Wash. Veneer-handling mechanism.	832,519	Oct. 2	995	200	124	1451
Woodall, Charles H., Albany, Ga. Pedal-guard.	816,834	Apr. 3	570	119	121	1486
Woodall, Harold W., Wimborne, and A. M. Duckham, Upper Parkstone, England. Vertical retort for the destructive distillation of coal.	833,861	Oct. 23	3761	799-800	124	2261
Woodall, Russell A., Richmond, W. Va. Camera attachment.	818,136	Apr. 17	3167	680	121	2165
Woodard, Edward C., assignor of one-half to H. F. Woodard, Campello, Mass. Last.	817,828	Apr. 17	2542	546	121	2027
Woodard, Horace F. (See Woodard, Edward C., assignor.)						
Woodard, Roy L., Richbourg, N. Y. Clutch.	808,965	Jan. 2	693	150	120	153
Woodbridge, Frederick L. (See White, Harland E., assignor.)						
Woodbridge, Joseph, Philadelphia, Pa. System of electrical distribution.	819,832	May 8	1599	340	122	421
Woodburn, Lewis W., Charleston, Ill. Weather-strip.	813,268	Feb. 20	3479	767	120	2332
Woodbury, George E., San Francisco, Cal. Pen-point guard.	826,913	July 24	4534	943	123	1198
Woodbury, George E., San Francisco, Cal. Butter-box.	838,832	Dec. 18	3075	663	125	2202
Woodbury, Urban A., Burlington, Vt. Automatic railway-switch.	815,887	Mar. 20	3867	819	121	946
Woodbury, Urban A., Burlington, Vt. Automatic railway-switch.	815,888	Mar. 20	3869	820	121	946
Woodcock, James S., New Lexington, Ohio. Grinding-mill.	812,250	Feb. 13	1491	326	120	1864

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr's	Vol.	Page.
Woodcock, John C., Chillicothe, Ohio. Grinding-mill.	839,248	Dec. 25	3904	840	125	2451
Woodcock, William H., assignor to Niagara Forged Steel Company, Buffalo, N. Y. Tie-plate.	836,425	Nov. 20	3043	646	125	849
Woodford, Allan G., Jersey City, N. J., assignor to American Cigar Company, New York, N. Y. Mold-opening tool.	817,829	Apr. 17	2543	546	121	2027
Woodford, Allan G., Jersey City, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Cutting mechanism for cigar-machines.	817,830	Apr. 17	2546	546	121	2027
Woodford, Bronson C., assignor to International Steam Pump Company, New York, N. Y. Vacuum-breaker for condensers.	811,990	Feb. 6	928	203	120	1678
Woodford, Frank D., San Jose, Cal. Ice-cutting tool.	837,172	Nov. 27	4563	968	125	1258
Woodford, Frank E., assignor to Hauser Company, Chicago, Ill. Car-handling apparatus.	814,498	Mar. 6	1000	205-6	121	218
Woodhams, Fred A., Holyoke, Colo. Wire-stretcher.	828,362	Aug. 14	1360	287	123	2032
Woodhead, Fred J., Bakersfield, Cal. Hydrocarbon-burner.	812,712	Feb. 13	2388	524	120	2049
Woodhouse Hardware Manufacturing Company. (See Creelius, Theodore E., assignor.)						
Woodill, George F. (See Woodill, James W., assignor.)						
Woodill, James W., Dorchester, assignor of one-half to G. F. Woodill, Lynn, Mass. Printing apparatus.	829,936	Aug. 28	4640	974-5	123	2935
Wooding, Benjamin F., Denver, Colo. Railway electric signaling apparatus.	815,315	Mar. 13	2644	553	121	634
Woodings, Emanuel, assignor to Verona Tool Works, Oakmont, Pa. Spike-puller.	828,168	Aug. 7	943	194	123	1902
Woodiwiss, Jason M., assignor to F. L. Deal and W. J. Burd, Mineral Wells, Tex. Cement block.	836,727	Nov. 27	3650	777	125	1032
Woodland, Frank O., Worcester, Mass. Labeling-machine.	818,506	Apr. 24	3899	839	121	2373
Woodman, Burt M., and W. H. Bridges, Portland, Me. Fluid-brake mechanism.	834,855	Oct. 30	5943	1262	124	2850
Woodman, George A. (See Carscadin, Charles A., assignor.)						
Woodman, George A., Chicago, Ill. Dust-guard.	815,000	Mar. 13	1988	418	121	487
Woodman, George A., Chicago, Ill. Brake-head.	827,200	July 31	5154	1070	123	1368
Woodman, George A., Chicago, Ill. Journal-box.	828,261	Aug. 7	1107	233-4	123	1940
Woodman, Robert, Malden, Mass. Ticket-punch.	835,485	Nov. 6	1206	261	125	303
Woodman, William O. (See Leach and Woodman.)						
Woodmansee, Harry W. (See Baker, Riemann D., assignor.)						
Woodmansee, Wesley G., Cincinnati, Ohio. Ironing-table.	825,440	July 10	1548	319	123	423
Woodrow, Thomas J., Fountain Park, Ohio. Neck-yoke.	823,574	June 19	2724	577	122	2427
Woodruff, Augustus H., Irvington, assignor of one-half to F. F. Smith, Newark, N. J. Lock and gravity-bolt for windows.	815,669	Mar. 20	3384	707-8	121	846
Woodruff, Augustus H., Irvington, assignor of one-half to F. F. Smith, Newark, N. J. Gravity-bolt and fusible connection for metallic frames and windows therefor.	815,774	Mar. 20	3625	762-3	121	896
Woodruff, Frank, Toledo, Ohio. Making light-edged pressed glassware.	839,054	Dec. 18	3472	749	125	2299
Woodruff, Oliver D., Southington, Conn. Dough mixer and kneader.	815,775	Mar. 20	3630	763	121	897
Woodruff, Sidney H., Buffalo, N. Y. Reinforcement for concrete girders, &c.	820,839	May 15	3682	785	122	939
Woodruff, William L., Troy, Ariz. Ter. Surgical appliance.	822,092	May 29	6206	1323	122	1616
Woods, Charles L., et al. (See Crites and Wine, assignors.)						
Woods, Edwin S., Chicago, Ill. Roller side bearing for railway-cars.	809,599	Jan. 9	2015	418	120	474
Woods, Franklin C., Alliance, Ohio. Fish-hook.	832,520	Oct. 2	998	201	124	1452
Woods, Frederick L. (See Richardson and Woods.)						
Woods, George H. (See Junkins and Woods.)						
Woods, Granville T. and L., New York, assignors to General Electric Company, Schenectady, N. Y. Safety apparatus for railways.	833,193	Oct. 16	2371	497	124	1875
Woods, Granville T. and L., New York, assignors to General Electric Company, Schenectady, N. Y. Safety apparatus for railways.	837,022	Nov. 27	4260	907	125	1183
Woods, Henderson, et al. (See Pierce, William H., assignor.)						
Woods, John A. (See Mason, David, assignor.)						
Woods, Lyates. (See Woods, Granville T. and L.)						
Woods, Margaret A., et al. (See Woods, Thomas S., assignor.)						
Woods, Marshall E., Woodville, Mass. Distributing device for oilers.	832,111	Oct. 2	178	36	124	1257
Woods Motor Vehicle Company. (See Newman, Frederick J., assignor.)						
Woods, Rodney P. (See Jones, Philip H., assignor.)						
Woods, Thomas S., assignor to D. H. Morrison and M. A. Woods, Somerville, Mass. Gutter for buildings.	822,418	June 5	362	76	122	1805
Woods, W. W., et al. (See Mead, Charles, assignor.)						
Woodside, David B., et al. (See Morrison, Samuel E., assignor.)						
Woodside, John W., et al. (See Morrison, Samuel E., assignor.)						
Woodsome, Millard, assignor to Huff Electrostatic Separator Company, Boston, Mass. Electrostatic separator.	827,770	Aug. 7	167	34	123	1711
Woodsome, Millard, Boston, Mass., assignor, by mesne assignments, to Huff Electrostatic Separator Company. Electrostatic apparatus.	831,916	Sept. 25	4086	852	124	1126
Woodson, Jacob W., Fort Worth, Tex. Acetylene-gas generator.	832,521	Oct. 2	999	201	124	1453
Woodson, Robert E., St. Louis, Mo. Nut-cracking machine.	831,589	Sept. 25	3389	712	124	945
Woodus, Frank J., et al. (See Anderson, Frederick L., assignor.)						
Woodward, Amos W., Rockford, Ill. Stove or furnace.	811,349	Jan. 30	5558	1159	120	1366
Woodward, Anderson, assignor of three-fourths to W. S. Bailey, C. M. Hamilton, and W. Montgomery, Leeper, Mo. Hat-pin.	818,507	Apr. 24	3905	840	121	2375
Woodward, Arthur H., assignor to International Register Company, Chicago, Ill. Fare-register.	818,508	Apr. 24	3906	840-2	121	2375
Woodward, Arthur H., assignor to International Register Company, Chicago, Ill. Hundred-indicator.	818,509	Apr. 24	3914	842-3	121	2376
Woodward, Charles E. W., Chicopee Falls, Mass., assignor to Knox Automobile Company, Springfield, Mass., and Olds Motor Works, Detroit, Mich. Vehicle-tire.	826,461	July 17	3567	743	123	934
Woodward, Frank L., Clinton, Mich. Plow.	818,598	Apr. 24	4104	881	121	2417
Woodward, John. (See Goodman, William H., assignor.)						
Woodward, John F. (See Raney, William E., assignor.)						
Woodward, Lemuel A., Salado, Tex. Baling-press.	832,286	Oct. 2	543	103	124	1344
Woodward, Mark R. (See Iwanami and Woodward.)						
Woodward, Oscar, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	833,495	Oct. 16	3008	638-9	124	2032
Woodward, Russel G. (See Onderdonk and Woodward.)						
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Company, Chicago, Ill. Folding and guiding attachment for sewing-machines.	815,134	Mar. 13	2277	476	121	552
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Co., Chicago, Ill. Presser-foot for sewing-machines.	821,773	May 29	5604	1194	122	1480
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Co., Chicago, Ill. Take-up mechanism for sewing-machines.	836,849	Nov. 27	3897	832	125	1098
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Co., Chicago, Ill. Needle and pull-off shifting mechanism for sewing-machines.	837,255	Nov. 27	4720	1000	125	1297
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Co., Chicago, Ill. Oversewing sewing-machine.	837,529	Dec. 4	489	112-13	125	1478

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Company, Chicago, Ill. Presser-foot for sewing-machines.....	839,055	Dec. 18	3473	750	125	2299
Woodward, Russel G., Waukegan, assignor to Union Special Machine Company, Chicago, Ill. Lubricating device.....	822,877	June 5	1279	264	122	2006
Woodward, Russel G., Waukegan, and C. McNeil, assignors to Union Special Sewing Machine Co., Chicago, Ill. Tuck-forming attachment for sewing-machines.....	821,774	May 29	5605	1194	122	1480
Woodward, Russel G., Waukegan, and C. McNeil, assignors to Union Special Machine Company, Chicago, Ill. Tuck-forming attachment for sewing-machines.....	821,775	May 29	5608	1195	122	1481
Woodward, William H., Waco, Tex. Baling-press.....	833,104	Oct. 9	2168	456	124	1776
Woodworth, Dallas C., Davenport, Iowa. Kinetoscope.....	832,112	Oct. 2	180	36	124	1257
Woodworth, Elmer C., Deer Isle, Me. Purifier for gas.....	809,659	Jan. 9	2129	441	120	498
Woodworth, T. W. (See Sutherland, Emil, assignor.).....						
Woolard, Joseph L., Williamston, N. C. Gate.....	836,233	Nov. 20	2641	556	125	753
Woolf, Ellis J., assignor to Woolf Valve Gear Co., Minneapolis, Minn. Explosive-engine.....	824,396	June 26	4281	912-13	122	2820
Woolf, Silas P., Omaha, Nebr. Stair-routing machine.....	831,204	Sept. 18	2630	553	124	713
Woolf Valve Gear Co. (See Woolf, Ellis J., assignor.).....						
Woolf, William S. (See Rosenstein and Woolf.).....						
Woolgar, William, Saginaw, Mich. Body-hanger for vehicles.....	835,342	Nov. 6	939	199	125	237
Woodbridge, Tom A., and E. A. Ward, Birmingham, England. Flexible coupling.....	809,880	Jan. 9	2528	524	120	589
Woolen, Chnton A., assignor of one-half to E. W. Bareuther, Mattoon, Ill. Securing device for rubber shoes.....	820,033	May 8	2060	450	122	521
Woollett, Henry. (See Vincent, Gaius, assignor.).....						
Woolley Foundry & Machine Works. (See Burger, Leopold F., assignor.).....						
Woolley, Robert J., Portland, Oreg. Butter-cutter.....	811,469	Jan. 30	5761	1206	120	1408
Woolman, Albert J., Urbana, Ill. Fertilizer-distributor.....	808,799	Jan. 2	352	76	120	78
Woolman, Hester A. (See Lesh and Woolman.).....						
Woolums, William H., Chicago, assignor to Superior Bank Company, Cook county, Ill. Coin-receptacle.....	814,821	Mar. 13	1660	347	121	421
Woolums, William H., assignor to Superior Bank Company, Chicago, Ill. Coin-receptacle.....						
Woolverton, Theoron N., Grimsby, Canada. Fruit-sorter.....	829,452	Aug. 28	3594	766	123	2675
Woolworth & Graham. (See Bunce, William H., assignor.).....	812,470	Feb. 13	1910	421	120	1955
Worcester, Samuel L., Machias, Me. Necktie-holder.....	834,856	Oct. 30	5944	1262	124	2850
Worcester Steel Foundry Company. (See Oakley, William E., assignor.).....						
Word, William F., Helena, Mont. Electric gong.....	824,397	June 26	4285	913	122	2821
Word, William W., San Francisco, Cal. Device for making and sharpening rock-drills.....	826,004	July 17	2706	559	123	724
Worden, Euclid P., Milwaukee, assignor to Fred M. Prescott Steam Pump Company, West Allis, Wis. Pump.....	837,995	Dec. 11	1422	309	125	1750
Worden, Hiram S., Factoryville, Pa. Wrench.....	832,440	Oct. 2	849	164	124	1417
Worden, Leo C. (See Allwine, Leo A., assignor.).....						
Workman, Robert A., assignor to L. D. Lovekin, Philadelphia, Pa. Propeller.....	829,747	Aug. 28	4215	893	123	2828
Worland, Andrew C., Jasper, Ind. Weight-operated gate.....	827,771	Aug. 7	169	34	123	1711
Worland, Andrew C., Jasper, Ind. Electric railway-gate.....	827,772	Aug. 7	170	34-5	123	1712
World, Robert S., <i>et al.</i> (See Bellamy, Albert, assignor.).....						
Worley, Joshua J., Sterrett, Ind. Ter. Fence-post.....	836,954	Nov. 27	4127	881	125	1151
Wormald, Roscoe. (See Anderson and Wormald.).....						
Wörner, Emil, assignor to J. D. Riedel Aktiengesellschaft, Berlin, Germany. Mercury salts of cholic acid and making same.....	811,193	Jan. 30	5259	.....	120	1301
Worrall, Thomas H., Laconia, N. H. Clutch.....	834,857	Oct. 30	5945	1262-3	124	2850
Worrell, Thomas M., Hatfield, Ark. Roller-bearing.....	821,322	May 22	4686	998	122	1219
Worrest, Alfred H., Lancaster, Pa. Firearm.....	829,453	Aug. 28	3601	756-8	123	2677
Worster, Simon, Sayre, Pa. Brick for building sidings.....	826,639	July 24	4006	829	123	1065
Worth, James E., and W. B. Eten, Fancyhill, Va. Sparking device for engines.....	811,470	Jan. 30	5762	1206	120	1408
Worth Wire Works. (See Horsley, Robert L., assignor.).....						
Worthington Automatic Air Regulator Company. (See Worthington, Charles R., assignor.).....						
Worthington, Charles C., Dunnfield, N. J. Vehicle-wheel tire.....	813,477	Feb. 27	3920	860	120	2486
Worthington, Charles R., assignor to Worthington Automatic Air Regulator Company, Baltimore, Md. Automatic damper.....	836,955	Nov. 27	4128	881	125	1151
Worthington, Edward A., Kirkwood, Mo. Brake mechanism.....	832,113	Oct. 2	182	37	124	1258
Worthington, George H., <i>et al.</i> (See Small, Thomas W., assignor.).....						
Worthington, Guy V. (See Reichenbach and Worthington.).....						
Wortmann, Martin, New York, N. Y. Clock.....	825,875	July 10	2449	511	123	643
Wortz, Henry J., Philadelphia, Pa. Suspensory bandage.....	826,815	July 24	4327	900	123	1147
Wotton, James A., Atlanta, Ga. Annunciator.....	813,931	Feb. 27	4814	1062	120	2679
Wotton, James A., Atlanta, Ga., assignor to Electric Manufacturing and Equipment Company. Telephone switch-hook.....	830,696	Sept. 11	1646	338	124	444
Wötzel, Emil, Zwickau, Germany. Fastening device.....	809,351	Jan. 9	1494	302	120	364
Wozniak, Michael J., San Francisco, Cal. Automatic cigar-cutter, match server and lighter.....	829,048	Aug. 21	2724	572	123	2412
Wozniowski, Michael. (See Matz and Wozniowski.).....						
Wray, Charles F., Rochester, N. Y. Pump.....	816,520	Mar. 27	5167	1096	121	1280
Wray, Charles S., Highland Mills, N. Y. Sash-lock.....	834,097	Oct. 23	4405	936	124	2415
Wray, James G., Chicago, H. T. Gardner, Maywood, and W. G. Kinton, Chicago, Ill., assignors to American Telephone and Telegraph Company. Telephone-circuit signaling apparatus.....	833,816	Oct. 23	3657	781-2	124	2235
Wray, James G., Chicago, H. T. Gardner, Maywood, and W. G. Kinton, Chicago, Ill., assignors to American Telephone and Telegraph Company. Telephone switching and signaling apparatus.....	833,817	Oct. 23	3662	782	124	2236
Wray, James G., Chicago, H. T. Gardner, Maywood, and W. G. Kinton, Chicago, Ill., assignors to American Telephone and Telegraph Company. Telephone switching and busy-test apparatus.....	833,906	Oct. 23	3874	822	124	2290
Wray, James G., Chicago, H. T. Gardner, Maywood, and W. G. Kinton, Chicago, Ill., assignors to American Telephone and Telegraph Company. Signaling apparatus for telephone toll-lines.....	833,907	Oct. 23	3878	823	124	2291
Wreford, Samuel P., and M. Besteiro, Brownsville, Tex. Corn-flour and producing the same.....	826,983	July 24	4650	.....	123	1226
Wrench, Bernard L. (See Wrench, Edward F., assignor.).....						
Wrench, Edward F., Hartwick, assignor to B. L. Wrench, Whitesboro, N. Y. Pole-and-yoke connection.....	826,005	July 17	2707	560	123	724
Wright, Adolph B., Council Bluffs, Iowa. Scraper for fenders or other disks.....	832,225	Oct. 2	427	79	124	1317
Wright, Albert E. (See Meister and Wright.).....						
Wright, Arthur H., South St. Paul, Minn. Rotary engine.....	818,399	Apr. 17	3692	793	121	2275
Wright, Benjamin F., Luthersburg, Pa. Suspenders.....	826,816	July 24	4328	900	123	1147
Wright, Charles F. (See Wright, Jacob P., and C. F.).....						
Wright, Charles H., and W. E. Marshall, Glenfield, Pa. Adjustable means for rods, bars, or cables.....	811,350	Jan. 30	5560	1160	120	1367

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Drig.	Vol.	Page.
Wright, Charles W., Cleveland, Ohio. Window parting-strip.....	829,748	Aug. 28	4217	894	123	2828
Wright, Charles W., Cleveland, Ohio. Weather-strip.....	835,654	Nov. 13	1547	331	125	434
Wright, Christopher. (See Stolp and Wright.)						
Wright, Christopher, Chicago, Ill. Hood for automobiles.....	829,498	Aug. 28	3691	779	123	2699
Wright, Clarence E., Cleveland, assignor to D. A. Yoder, Toledo, Ohio. Registering apparatus for telephone-exchanges.....	818,068	Apr. 17	3028	654	121	2133
Wright, Daniel M., assignor to Henry & Wright Manufacturing Company, Hartford, Conn. Power-transmission mechanism.....	834,438	Oct. 30	5104	1084	124	2637
Wright, Earl E., New Brighton, Pa. Clutch mechanism.....	822,034	May 29	6097	1298	122	1590
Wright, Eben E., assignor to W. M. Wright, Watertown, N. Y. Shelf-wrapper.....	824,771	July 3	174	30	123	52
Wright, Edward, Worcester, Mass. Emery-wheel-dressing tool.....	826,817	July 24	4329	901	123	1148
Wright, Edward A. (See Turner and Wright.)						
Wright, Edward A., Edgewood Park, and W. V. Turner, Wilkinsburg, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Electropneumatic brake.....	837,369	Dec. 4	187	46	125	1403
Wright, Ellery C., Campello, Mass. Heel-aiming means for lasts.....	810,594	Jan. 23	4071	838-9	120	1009
Wright, Frank G., Indiana Harbor, Ind., assignor to American Steel Foundries, Chicago, Ill. Apparatus for introducing powdered elements into castings.....	828,590	Aug. 14	1810	381	123	2149
Wright, Frank V., San Francisco, Cal. Levee-building suction-dredge.....	808,800	Jan. 2	354	76-7	120	79
Wright, Frank V., San Francisco, Cal. Levee.....	813,069	Feb. 20	3101	679	120	2252
Wright, Frederic W., New York, N. Y. Fastener for stair-carpet.....	828,008	Aug. 7	642	131	123	1829
Wright, Frederick J., Flint, Mich. Carbureter.....	836,795	Nov. 27	3804	810	125	1075
Wright, Geo. M., et al. (See Burkins, Eugene, assignor.)						
Wright, George C., Cleveland, Ohio. Show-case.....	810,243	Jan. 16	3303	685	120	804
Wright, George C., Cleveland, Ohio. Electric-lamp bracket.....	810,244	Jan. 16	3304	685	120	804
Wright, Gilbert, assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass. Circuit-breaker.....	837,023	Nov. 27	4266	908	125	1183
Wright, Gilbert E., New York, N. Y. Separable fastener.....	834,858	Oct. 30	5947	1263	124	2851
Wright, Harry A., Springfield, Mass., assignor to Yost Electric Manufacturing Company, Toledo, Ohio. Shade-holder for incandescent electric lamps.....	815,245	Mar. 13	2507	522	121	606
Wright, Harry L., Chicago, Ill. Advertising device.....	833,432	Oct. 16	2872	608	124	2003
Wright, Henry C., assignor to American Silver Company, Bristol, Conn. Percolator.....	835,804	Nov. 13	1826	385	125	505
Wright, Ira O., and J. H. Farlow, assignors to Farlow Draft Gear Company, Baltimore, Md. Draft and buffing gear for cars.....	820,840	May 15	3685	786	122	940
Wright, Jacob P., New Haven, Conn., assignor to Diamond Match Company, Chicago, Ill. Box-machine.....	813,608	Feb. 27	4181	917-18	120	2544
Wright, Jacob P., Barberton, Ohio, assignor to Diamond Match Company, Chicago, Ill. Glue-applying mechanism.....	813,993	Feb. 27	4929	1090	120	2702
Wright, Jacob P., Akron, Ohio, assignor to Diamond Match Company, New York, N. Y. Machine for folding box-trays.....	830,032	Sept. 4	242	47-8	124	60
Wright, Jacob P., Akron, Ohio, assignor to Diamond Match Company, New York, N. Y. Wrapping-machine.....	836,728	Nov. 27	3651	778-80	125	1033
Wright, Jacob P., Akron, and C. F. Wright, Barberton, Ohio, assignors to Diamond Match Company, New York, N. Y. Box-filling machine.....	836,729	Nov. 27	3664	781-2	125	1036
Wright, Jacob P. and C. F., Barberton, Ohio, assignors to Diamond Match Company, New York, N. Y. Box-filling machine.....	836,730	Nov. 27	3670	782-5	125	1038
Wright, James E., West Bay City, assignor of one-half to J. M. Kelton, Bay City, Mich. Metal hoop.....	827,773	Aug. 7	172	35	123	1712
Wright, Jessie T., Cornhill, Tex. Wire-stretcher.....	826,006	July 17	2708	560	123	725
Wright, John A., Maquoketa, Iowa. Lifter for store goods.....	824,968	July 3	590	118	123	157
Wright, John C., Nashville, Tenn. Clamp for shoe-uppers.....	826,640	July 24	4007	830	123	1065
Wright, John R., Wheeling, Mo. Hay-stacker.....	821,392	May 22	4844	1028-9	122	1256
Wright, John R., Wheeling, Mo. Hay-stacker.....	834,180	Oct. 23	4584	972	124	2463
Wright, Joseph L., assignor to National Engineering Corporation, Washington, D. C. Telephone-switchboard lamp.....	829,092	Aug. 21	2808	590	123	2434
Wright, Marshall W., Chicago, Ill. Brush.....	822,708	June 5	970	198	122	1942
Wright, Minnie C. (See Rosback, Henry A., assignor.)						
Wright, Morris S., Worcester, Mass., assignor to Aeolian Company. Pneumatic-action of musical instruments.....	809,039	Jan. 2	814	175	120	179
Wright, Morris S., Worcester, Mass., assignor to Aeolian Company. Automatic musical instrument.....	833,362	Oct. 16	2714	573	124	1965
Wright, Napoleon B., et al. (See Cramer, Howard, assignor.)						
Wright, Orville and W., Dayton, Ohio. Flying-machine.....	821,393	May 22	4847	1029	122	1257
Wright, Parvin, Los Angeles, Cal. Electric elevator.....	819,195	May 1	314	67-8	122	78
Wright, Peter, San Jacinto, Ind. Fertilizer-spreader.....	826,641	July 24	4008	830	123	1065
Wright, Ransom C., Philadelphia, Pa., and F. E. Stebbins, Washington, D. C. Construction of car-trucks.....	819,111	May 1	152	32	122	38
Wright, Richard S., Nelson, Ark. Cross-tie cutter.....	819,491	May 1	912	199-200	122	204
Wright, Robert, Cleveland, Ohio. Vehicle-tire.....	818,400	Apr. 17	3696	793-4	121	2276
Wright, Robert F., Circleville, Ohio. Mold for making concrete or cement posts.....	838,490	Dec. 11	2419	525	125	1997
Wright, Selden R., Morton, assignor to Circuit Protecting Relay Company, Rochester, N. Y. Telegraphic safety device.....	814,761	Mar. 13	1537	325	121	396
Wright, Thomas, Jersey City, N. J. Internal-combustion engine.....	809,082	Jan. 2	919	192	120	203
Wright, Walter, assignor to S. Stevenson & Company, Glasgow, Scotland. Vehicle-wheel.....	809,881	Jan. 9	2529	524	120	589
Wright, Walter B., Chicago, Ill. Graphite-lubricator.....	828,363	Aug. 14	1361	287	123	2032
Wright, Walter S., et al. (See Heath, Noble, assignor.)						
Wright, Wilbur. (See Wright, Orville and W.)						
Wright, Wilda M. (See Wright, Eben E., assignor.)						
Wright, William. (See Hurd and Wright.)						
Wright, William A., Cumming, Ga. Bedstead attachment.....	809,352	Jan. 9	1495	302	120	364
Wright, William A., Masonville, N. J., assignor of one-half to A. J. Lamborn, Philadelphia, Pa. Signal-lantern.....	824,052	June 19	3630	772	122	2625
Wright, William A., Masonville, N. J., assignor of one-half to A. J. Lamborn, Philadelphia, Pa. Signal-lantern.....	824,053	June 19	3631	773	122	2625
Wright, William E., Adams, N. Y. Cabinet for holding account-books.....	827,340	July 31	5416	1126	123	1431
Wright, William E., May, Tex. Cultivator attachment.....	839,249	Dec. 25	3906	840	125	2451
Wright, William L. D., New York, N. Y. Traveling advertising device.....	828,634	Aug. 14	1888	398	123	2169
Wright, William N., and E. Carson, Beaver, Pa. Tire.....	823,839	June 19	3224	682	122	2538
Wright, William S., Wheeling, W. Va. Gate-operating mechanism for railway-cars.....	821,273	May 22	4585	976	122	1199
Wright, William S., Wheeling, W. Va. Automatic car-coupling.....	837,893	Dec. 4	1211	268	125	1654
Wright's Automatic Tobacco Packing Machine Company. (See Rose, William, assignor.)						
Wrigley, John, Philadelphia, Pa., assignor to J. E. Wrigley, Smithville, N. J. Clamp.....	809,882	Jan. 9	2530	525	120	590
Wrigley, Joseph E. (See Wrigley, John, assignor.)						
Wuest, Frederick A., Lawrenceburg, Ind. Saw.....	809,485	Jan. 9	1784	369	120	426
Wuest, Frederick A., Lawrenceburg, Ind. Saw-set.....	816,054	Mar. 27	4202	892	121	1073
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Musical instrument.....	820,079	May 8	2164	471	122	545

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Mechanical musical instrument.	820,080	May 8	2166	471-2	122	546
Wuesthoff, Paul. (See Kuhlewind, Cornelius, assignor.)						
Wuffli, Robert, Cleveland, Ohio. Self-heating sad-iron.	824,897	July 3	447	88	123	120
Wulf, Charles A., assignor of one-half to E. L. Crabb, Indianapolis, Ind. Flushing-valve controller.	831,694	Sept. 25	3637	762	124	1013
Wulf, Heinrich G., Eilenburg, Germany. Means for intermittently rotating tables.	823,249	June 12	2084	434	122	2233
Wulf, Joseph L. (See Wulf and Ham, assignors.)						
Wulf, Philip, and E. Ham; said Ham assignor to J. L. Wulf, Argyle, Mo. Track-liner.	827,491	July 31	5808	1204	123	1525
Wunderlich, Fredrich. (See Schmidt, Wunderlich, and Thibodeau.)						
Wunderlich, John, Brooklyn, N. Y. Elevator.	828,009	Aug. 7	643	131	123	1830
Würl, Eduard, Prague, Austria-Hungary. Manufacturing briquets.	826,007	July 17	2709		123	725
Wurtz, Henry, Newark, N. J., assignor to American Chemical Education Company. Apparatus for distilling coals and other hydrocarbonaceous substances.	821,323	May 22	4688	999	122	1220
Wyand, William, Collingswood, N. J. Rotary engine.	815,135	Mar. 13	2280	476	121	553
Wyant, Mott. (See Campion and Wyant.)						
Wyant, Willie H., Tabor, Iowa. Radiator.	809,486	Jan. 9	1786	369	120	426
Wyatt, Albert E., assignor to Great American Automatic Vending Machine Company, Hoboken, N. J. Automatic vending-machine.	812,778	Feb. 13	2508	551	120	2075
Wyatt, Everett, Fort Worth, Tex. Combined stock and freight car.	823,983	June 19	3504	748-9	122	2588
Wyatt, George C., Rome, Ga. Plastic composition.	812,108	Feb. 6	1145		120	1722
Wyatt, George R., assignor of one-half to W. M. Barret and E. F. Fitzpatrick, Redwood City, Cal. Fence-post.	812,109	Feb. 6	1146	252	120	1722
Wyatt, Jacob W., Magazine, Ark. Cattle-guard.	827,774	Aug. 7	173	35	123	1713
Wyckoff, Eliza A. administratrix. (See Wyckoff, Frank T.)						
Wyckoff, Frank T., deceased; E. A. Wyckoff, administratrix, assignor to Wyckoff Pipe and Creosoting Company, Stamford, Conn. Knife for auger-bits.	811,351	Jan. 30	5561	1160	120	1367
Wyckoff Pipe and Creosoting Company. (See Wyckoff, Frank T., assignor.)						
Wyckoff, Seamans & Benedict. (See Cooke, William L., assignor.)						
Wyckoff, Seamans & Benedict. (See Farnum, William C., assignor.)						
Wyckoff, Seamans & Benedict. (See Kitzmiller, George M., assignor.)						
Wyckoff, Seamans & Benedict. (See Shepard, Charles H., assignor.)						
Wyckoff, Seamans & Benedict. (See Woodward, Oscar, assignor.)						
Wycoff, Orange E., Winfield, Kans. Rule.	818,401	Apr. 17	3697	794	121	2276
Wyer, Ira E., Portsmouth, Ohio. Carpenter's jack.	822,093	May 29	6207	1323	122	1616
Wyeth, Harry L., Garrett, Ill. Wire-stretcher.	829,823	Aug. 28	4377	924	123	2869
Wygant, Lewis B., assignor of one-third to C. E. Bower, Denver, Colo. Knotter.	837,530	Dec. 4	493	113-15	125	1479
Wykert, Henry R., Omaha, Nebr. Camp-bedstead.	829,454	Aug. 28	3608	758	123	2680
Wyllie, Richard, Napa, Cal. Dish-cleaning apparatus.	819,112	May 1	163	32	122	43
Wyllie, Thomas B., Pittsburg, Pa. Gas-controller.	819,492	May 1	913	200	122	204
Wyllie, Thomas B., Pittsburg, Pa. Gas-lamp.	819,493	May 1	915	200	122	204
Wyllie, Walter, Los Angeles, Cal. Ledger.	816,521	Mar. 27	5168	1096	121	1281
Wyllie, Harry R., Kittanning, Pa. Apparatus for making saucers and similar articles.	836,169	Nov. 20	2517	527-9	125	722
Wyman, Charles H., Webster Groves, Mo. Astronomical chart.	833,433	Oct. 16	2873	609	124	2003
Wyman, Charles O., Anoka, Minn. Finger-bar.	820,943	May 15	3904	833	122	988
Wyman, George R., assignor to F. W. Bird & Son, East Walpole, Mass. Nail cap-plate.	816,522	Mar. 27	5170	1097	121	1281
Wyman, Horace, and J. T. Cyr, Worcester, Mass., assignors to Crompton & Knowles Loom Works. Wef-replenishing loom.	811,889	Feb. 6	682	149	120	1629
Wyman, Horace W., deceased, Worcester, Mass.; M. H. Wyman, administratrix. Wef-replenishing loom.	808,966	Jan. 2	695	151	120	154
Wyman, Mary H., administratrix. (See Wyman, Horace W.)						
Wyman, Orrin J., Medina, C. Dennett and C. O. Tinkham, Akron, N. Y. Barrel-heading press.	812,911	Feb. 20	2772	610	120	2179
Wyman, William H., Oshkosh, Wis., assignor, by mesne assignments, to Union Match Company, Duluth, Minn. Match-machine.	816,634	Apr. 3	182	39-44	121	1402
Wynant, George W. (See Hardwicke, William L., assignor.)						
Wynell, Henry. (See Erickson, Erick R., assignor.)						
Wynkoop, John A., Washington, D. C. House-heating system.	816,523	Mar. 27	5171	1097	121	1281
Wynn, Robert E., assignor to Henricks Novelty Company, Indianapolis, Ind. Self-governing clutch.	811,352	Jan. 30	5563	1160	120	1367
Wynne, Agnes, et al. (See Wynne, Philip H., assignor.)						
Wynne, Philip H., assignor to A. Wynne and L. E. Knott Apparatus Company, Boston, Mass. Galvanometer.	813,269	Feb. 20	3482	768	120	2333
Wynne, Werner E., Durant, Miss. Churn-dasher.	833,656	Oct. 16	3320	706	124	2107
Wyoming Valley Lace Mills. (See Atkin, Joseph C., assignor.)						
Wyquist, Herman, et al. (See Malmgren, John, assignor.)						
Wysong, Olmedo C., Greensboro, N. C. Woodworking-machine.	812,317	Feb. 13	1630	358-9	120	1897
Wysong, Olmedo C., Greensboro, N. C. Abrasive apparatus.	832,114	Oct. 2	184	37	124	1258
Wysong, Olmedo C., Greensboro, N. C. Abrasive apparatus.	832,889	Oct. 9	1766	364	124	1677
X Electric Accumulator Company. (See Oppermann, Emil L., assignor.)						
XXth Century Heating and Ventilating Company. (See Maag, George, assignor.)						
Yaeger, William, Buffalo, N. Y. Manhole-cover.	835,294	Nov. 6	834	174	125	211
Yaggi, Lawrence E. (See Stoffer, Jacob L., assignor.)						
Yahraus, Charles, and F. A. Hammer, Woonsocket, R. I. Rubber heel for boots and shoes.	817,355	Apr. 10	1598	338	121	1770
Yale, Rodney H., Beatrice, Nebr. Seat-back for drivers' seats.	827,775	Aug. 7	175	36	123	1713
Yale, Rodney H., Beatrice, Nebr. Seat-back for drivers' seats.	827,776	Aug. 7	176	36	123	1713
Yale & Towne Manufacturing Company. (See Bardwell, Arthur F., assignor.)						
Yale & Towne Manufacturing Company. (See Horne, Joseph A., assignor.)						
Yale & Towne Manufacturing Company. (See Roehr, Louis, assignor.)						
Yale & Towne Manufacturing Company. (See Taylor, Warren H., assignor.)						
Yale & Towne Manufacturing Company. (See Vance, Walter N., assignor.)						
Yale & Towne Manufacturing Company. (See Waldron, Frederick A., assignor.)						
Yanacopoulos, George, New York, N. Y. Liquid-measuring pump.	831,758	Sept. 25	3744	783	124	1041
Yancey, Arthur, Dermott, Ark., assignor to B. M. Walmsley, New Orleans, La. Seining apparatus.	837,173	Nov. 27	4563	968	125	1258
Yancey, George R., assignor of one-half to W. A. and K. Keller, Louisville, Ky. Electric brake.	817,606	Apr. 10	2096	443	121	1873
Yankee Novelty Company. (See Kellogg, William M., assignor.)						
Yapp, Frank F., and E. E. Ellis, Waterloo, Iowa. Weight-motor.	828,992	Aug. 21	2603	549	123	2380
Yarbrough, Henry L., Isaac, Ga. Boot-blackening stand.	828,797	Aug. 14	2207	468-9	123	2250
Yarger, John A., Nashua, Iowa. Vehicle-wheel.	824,772	July 3	176	31	123	52
Yarnell, Charles S., assignor to Moore Carving Machine Company, Minneapolis, Minn. Rubbing and polishing machine.	829,191	Aug. 21	3044	637-8	123	2495
Yarnell, Eugene A., Washington, D. C. Gas-check pad.	818,069	Apr. 17	3031	654	121	2134
Yarnell, Eugene A., Washington, D. C. Gas-check pad.	822,644	June 5	834	170	122	1912

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Yarnell, Ithamer E., Toledo, Ohio. Concrete-building-block machine.....	822,333	June 5	218	44-5	122	1774
Yates, Jacob N., Grafton, W. Va. Journal-bearing.....	826,078	July 17	2850	591	123	759
Yates, John A., Rosebank, N. Y. Cement and making same.....	833,363	Oct. 16	2716		124	1965
Yates, Mark R. (See Beck, Albert E., assignor.)						
Yates, William B., Chicago, Ill. Automatic driving and reversing mechanism.....	812,318	Feb. 13	1632	359	120	1898
Yates, William C. (See Hall and Yates.)						
Yawman & Erbe Manufacturing Company. (See Yawman, Philip H., assignor.)						
Yawman & Erbe Mfg. Company. (See Weidner, Carl A., assignor.)						
Yawman, Philip H., assignor to Yawman & Erbe Manufacturing Company, Rochester, N. Y. Paper-holder for roller copying devices.....	826,642	July 24	4009	830-1	123	1066
Yaxley, Ernest E., assignor to Monarch Telephone Manufacturing Co., Chicago, Ill. Telephone-transmitter.....	815,889	Mar. 20	3872	820	121	947
Ycaza, Osvaldo A., Guatemala, Guatemala. Hypodermic syringe.....	819,330	May 1	607	128	122	139
Yeager, Thomas C., Canton, Mo. Pickle-grading machine.....	814,762	Mar. 13	1540	326	121	397
Yeager, William B., Reading, Pa. Metallic window frame and sash.....	824,326	June 26	4137	885	122	2792
Yearsley, Wilbur S., <i>et al.</i> (See Brown, Eugene, assignor.)						
Yearwood, William R. (See Ibbott and Yearwood.)						
Yeatman, Walter C., Chicago, Ill., assignor to American Telephone and Telegraph Company. Multiconductor-cable.....	831,131	Sept. 18	2498	527	124	683
Yeaton, George A., Dallas, Oreg. Lace-cutter and belt-lacer.....	837,370	Dec. 4	189	46	125	1403
Yeatts, William, Meadville, Va. Track-crossing.....	831,917	Sept. 25	4088	852	124	1126
Yehle, Louis. (See Chainey, Emanuel, assignor.)						
Yeiser, John C., assignor of one-half to L. J. Story, Austin, Tex. Car-coupling.....	837,531	Dec. 4	500	116	125	1481
Yelton, Walter C. (See Ogden and Yelton.)						
Yentzer, Francis M., Ottawa, Ill. Hay-carrier.....	816,698	Apr. 3	304	71	121	1428
Yeocum, William E., and G. G. Cramberg, assignors to Star Cement Block Machine Company, Dallas City, Ill. Cement-block machine.....	836,426	Nov. 20	3043	646	125	850
Yeoman, Frank, Oroville, Cal. Dredge.....	811,683	Feb. 6	287	64-5	120	1548
Yetten, Jasper H. (See Ulett, George, assignor.)						
Yetter, Edward J., Denver, Colo. Composition for roofing, paving, &c.....	819,833	May 8	1600		122	421
Yetter, Edward J., Denver, Colo. Composition for roofing, paving, &c.....	820,162	May 8	2326		122	581
Yetter, Edward J., Denver, Colo. Composition for roofing, paving, &c.....	820,163	May 8	2328		122	581
Yingling, Frank B., Düsseldorf, assignor to Rheinische Metallwaren-und Maschinenfabrik, Düsseldorf-Derendorf, Germany. Recoil mechanism for cannons.....	818,730	Apr. 24	4369	936-7	121	2476
Yocum, George C., Scranton, Pa. Automatic vending-machine.....	811,756	Feb. 6	408	89	120	1575
Yocum, George C., Scranton, Pa. Automatic vending-machine.....	830,033	Sept. 4	243	48-9	124	60
Yoder, David A. (See Wright, Clarence E., assignor.)						
Yoder, David B., Guthrie, Okla. Ter. Attachment for wood-boring braces.....	813,070	Feb. 20	3102	679-80	120	2252
Yoder, Luther K., <i>et al.</i> (See Stein, Jacob, assignor.)						
Yoders, Irvin G., assignor of five-eighths to W. F. Borchers, Washington, Pa. Reversing mechanism.....	813,341	Feb. 20	3638	798	120	2364
Yoe, Philip, assignor to P. Yoe, E. W. Hanley, and K. Fitzpatrick, Dayton, Ohio. Voting-machine.....	819,684	May 1	1272	277-8	122	285
Yoe, Philip, assignor to P. Yoe, E. W. Hanley, and K. Fitzpatrick, Dayton, Ohio. Voting-machine.....	819,685	May 1	1275	278-9	122	286
Yoerg, Henry, and J. Treacy, St. Paul, Minn. Oil-burning furnace.....	828,081	Aug. 7	793	164	123	1867
York, Arthur G., Wolverhampton, England. Unbuttoning device or implement.....	825,790	July 10	2298	478	123	606
York, David W., Gardiner, Me. Washbowl-valve.....	809,161	Jan. 2	1061	220	120	232
York, Edgar L., Chicago, Ill. Rat for the hair.....	831,590	Sept. 25	3392	712	124	946
York, Francis M., San Angelo, Tex. Pump-jack.....	811,114	Jan. 30	5074	1061	120	1262
York, Robert E. (See Forbes and York.)						
Yorke, Arthur H., assignor of one-half to M. and J. P. Clarkson and E. Broughton, Bolton, England. Rotary-shuttle sewing-machine.....	837,600	Dec. 4	647	148-9	125	1514
Yost Electric Manufacturing Company. (See Wright, Harry A., assignor.)						
Yost, Fernando, Weehauken Heights, N. J. Fire-extinguisher.....	835,050	Nov. 6	357	73	125	95
Yost, Winfield. (See Hart and Yost.)						
Yost, Winfield. (See Meissner and Yost.)						
Yost Writing Machine Company. (See Smith, Arthur W., assignor.)						
Yost Writing Machine Company. (See Walker, Charles W., assignor.)						
Youdelman, Alexander, New York, N. Y. Liquid-measuring device.....	838,368	Dec. 11	2189	475	125	1940
Youtlen, William, Westminster, England. Sighting of guns from cover.....	813,932	Feb. 27	4817	1062-3	120	2680
Youtlen, William, Westminster, England. Ginning or burring machine.....	817,607	Apr. 10	2098	443-4	121	1873
Youtlen, William, Westminster, England. Instrument for sighting guns from cover.....	825,169	July 3	961	203	123	251
Youmans, Charles E., assignor to J. H. Youmans, Yonkers, N. Y. Switch-box.....	836,352	Nov. 20	2885	613	125	813
Youmans, Julia H. (See Youmans, Charles E., assignor.)						
Young, Adelaide M. (See Young, Lorenzo H., assignor.)						
Young, Alexander K., Greensburg, Pa. Clothes-line holder.....	828,169	Aug. 7	944	194	123	1902
Young, Big G., and C. N. Pickering, Cedargrove, W. Va. Trolley-wheel and support.....	832,765	Oct. 9	1499	302	124	1615
Young, Charles A., Elvira, Iowa. Corn-cutting machine.....	818,650	Apr. 24	4213	905	121	2443
Young, Charles B., <i>et al.</i> (See Blount, Lewis, assignor.)						
Young, Clark O., Traer, Iowa. Gate-latch.....	825,690	July 10	2108	439	123	561
Young, Clayton D. (See Lankford, George W., assignor.)						
Young, Edgar E., assignor to W. B. Riley & Co., Philadelphia, Pa. Horse-blanket.....	829,904	Aug. 28	4542	957-8	123	2908
Young, Edward K., Middle Fork, Ohio. Fall-rope carrier.....	808,710	Jan. 2	167	38-9	120	38
Young, Edward T., and L. J. Cavanaugh, Boston, Mass. Rotary engine.....	815,246	Mar. 13	2508	522	121	606
Young, Edwin A., Mitchell, S. D. Feathering paddle-wheel.....	815,776	Mar. 20	3633	763-4	121	898
Young, Ernest. (See Miles and Young.)						
Young, Ernest A. (See Rowbottom, George, assignor.)						
Young, Francis L., assignor to Aeolian Company, New York, N. Y. Tempo-indicator.....	819,113	May 1	164	32-3	122	43
Young, Francis L., Brooklyn, assignor to Aeolian Company, New York, N. Y. Temple for placing expression-lines.....	820,752	May 15	3475	745	122	894
Young, Frank L., assignor to International Switch and Signal Company, Boston, Mass. Railway-switch mechanism.....	834,439	Oct. 30	5105	1084	124	2637
Young, Frank L., assignor to International Switch and Signal Company, Boston, Mass. Means for keeping switch and signal apparatus free from snow and ice.....	834,440	Oct. 30	5107	1084	124	2638
Young, Franklin K., Boston, Mass., and J. E. Sheriff, New York, N. Y., assignors to American Automatic Arms Company, Saco, Me. Cartridge-conveyer.....	814,635	Mar. 6	1262	265	121	274
Young, Franklin K., Boston, Mass., and J. E. Sheriff, New York, N. Y., assignors to American Automatic Arms Company, Saco, Me. Cartridge.....	831,132	Sept. 18	2499	527	124	683
Young, G. B., <i>et al.</i> (See Knowles, Camden E., assignor.)						
Young, George A., assignor of one-half to E. L. Foster, Elkhart, Ind. Fishing-reel.....	838,491	Dec. 11	2420	525-6	125	1997
Young, George H., Welcome, Wis. Loading device for dirt, manure, &c.....	813,193	Feb. 20	3339	735	120	2303
Young, George H., Welcome, assignor to A. Lorenze, Stevens Point, Wis. Ratchet-wrench.....	834,219	Oct. 23	4655	987	124	2481
Young, George R., Ridgewood, N. J., and C. Shaw, New York, N. Y., assignors to Bacon Air Lift Company. Liquid-raising apparatus.....	827,341	July 31	5417	1127	123	1432

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr. g.	Vol.	Page.
Young, George W., Glendale, Cal. Air-brake and means to start automobiles.....	827,839	Aug. 7	296	61	123	1744
Young, Gust, Hallock, Minn. Door-holding catch.....	817,356	Apr. 10	1600	338	121	1770
Young, Harriet M., trustee. (See Young, James S., assignor.)						
Young, Harry L., Pueblo, Colo. Electric railway switching mechanism.....	817,290	Apr. 10	1477	310-11	121	1743
Young, Harry L., Pueblo, Colo. Railway metallic tie and clamp.....	826,398	July 17	3444	715	123	901
Young, Harry L., Pueblo, Colo. Railway-switch construction.....	826,462	July 17	3569	743	123	934
Young, Herralld S., Beyrout, N. D. Concrete fence-post.....	811,022	Jan. 30	4915	1025	120	1228
Young, Ignatz, San Francisco, Cal. Boring-machine.....	825,791	July 10	2299	479	123	607
Young, J. Lowe, Detroit, Mich. Blowpipe and Bunsen burner.....	820,690	May 15	3360	720	122	866
Young, James K., Camden county, Ga. Wheel-cultivator.....	814,258	Mar. 6	505	104-5	121	108
Young, James S., Bethel, Vt., assignor to H. M. Young, trustee. Stone-cutting saw.....	816,768	Apr. 3	431	97	121	1453
Young, James S., Bethel, Vt., assignor to H. M. Young, trustee. Stone-cutting saw.....	816,769	Apr. 3	432	97	121	1453
Young, John F., et al. (See Williams, Charles, assignor.)						
Young, John H., Colorado City, Colo. Bearing-bracket for uncoupling-levers.....	833,105	Oct. 9	2170	456	124	1777
Young, John W., Zanesville, Ohio. Decorating pottery.....	838,155	Dec. 11	1773	381	125	1839
Young, Joseph A., New York, N. Y. Non-slipping tire and brake.....	817,539	Apr. 10	1974	418	121	1848
Young, Joseph H., Northampton, Mass. Flier for spinning-frames and twisting-frames.....	828,010	Aug. 7	643	131	123	1830
Young, Joseph S., Toledo, Ohio. Transportation-ticket.....	834,859	Oct. 30	5948	1263	124	2851
Young, Joseph S., Toledo, Ohio. Transportation-ticket.....	834,860	Oct. 30	5950	1263	124	2851
Young, Joseph S., and J. N. Harvey, assignors to J. Q. Everson, Pittsburg, Pa. Door-check.....	822,334	June 5	220	45	122	1774
Young, Lorenzo H., assignor of one-half to A. M. Young, Martinsburg, W. Va. Dump-cart.....	835,999	Nov. 13	2157	462	125	581
Young, M. G., et al. (See Cumpston, Frederick B., assignor.)						
Young, Mary L., Sherman, N. Y. Hover.....	826,211	July 17	3099	642	123	818
Young, Millard H., Catskill, N. Y. Horseshoe.....	811,333	Jan. 30	5564	1161	120	1367
Young, Nelson, assignor of one-half to W. N. Young, Harrow, Canada. Music-leaf turner.....	826,643	July 24	4012	831	123	1066
Young, Oscar L. (See Grettum and Young.)						
Young, Samuel M., New York, N. Y. Electric signaling system.....	815,890	Mar. 20	3877	820	121	949
Young, Samuel M., New York, N. Y. Electric signaling system.....	815,891	Mar. 20	3881	821	121	950
Young, Thomas J., Brooklyn, N. Y. Combination furniture.....	830,273	Sept. 4	763	156	124	191
Young, Williamette J., Utuado, Porto Rico. Honeycomb-cutter.....	838,230	Dec. 11	1927	412	125	1877
Young, William, W. Clark, and H. Green, Bickershaw, assignors of one-fourth to C. F. Bouchier, Hindley, England. Coal cutting or winning machine.....	830,697	Sept. 11	1647	338-9	124	445
Young, William B., assignor of one-fourth to G. T. S. Foote, Albion, N. Y. Combined reading and invalid table.....	822,809	June 5	1146	235	122	1979
Young, William G. (See Byrne and Young.)						
Young, William H., Beloit, Kans. Barber's pole.....	830,399	Sept. 4	1013	212	124	250
Young, William H., assignor of one-half to A. K. Lyon, Millvale borough, Pa. Non-refillable bottle.....	825,502	July 10	1684	351	123	454
Young, William N. (See Young, Nelson, assignor.)						
Youngren, A. Rudolph. (See Munn, Marshall C., assignor.)						
Younglove, Thomas J., assignor of one-half to T. B. Hicks, Richmond, Va. Door and window securer.....	836,850	Nov. 27	3899	832	125	1098
Youngman, Raymond D., assignor of two-thirds to K. M. Mayer, New York, N. Y. Voice-placer.....	837,996	Dec. 11	1423	309	125	1751
Youns, Fred E., San Francisco, Cal. Draft-regulator for hydrocarbon-burners.....	815,316	Mar. 13	2647	554	121	635
Youns, Hugh C., Attica, Mich. Fence-post.....	826,984	July 24	4651	968	123	1226
Youngstown Furnace Company. (See Gschwind, Leon, assignor.)						
Youngstrom, Carl, Meckling, S. D. Calking-machine.....	821,970	May 29	5980	1274	122	1563
Younkman, George W., Denver, Colo. Fire-escape.....	826,702	July 24	4126	856	123	1096
Yount, Charles E., Sr., Harrisburg, Pa. Sunbonnet.....	833,950	Oct. 23	3963	842	124	2314
Yount, J. E., et al. (See Sanders, William, assignor.)						
Yugstrom, Axel, Lindsborg, Kans. Load-elevator.....	834,550	Oct. 30	5309	1127	124	2690
Yule, Edgar H., San Francisco, Cal., assignor of one-half to F. W. Yule, Tipton, Iowa. Harness.....	818,930	Apr. 24	4762	1023	121	2561
Yule, Frederick W. (See Yule, Edgar H., assignor.)						
Yunk, John A., South Orange, N. J. Treating copper and other metals.....	825,100	July 3	817	.....	123	217
Yunker, Gottlieb, Newark, N. J., assignor to Newark Cornice and Skylight Works. Automatic fire-window.....	836,170	Nov. 20	2520	529	125	725
Yunker, Gottlieb, and G. Schwing, Newark, N. J., assignors to Newark Cornice and Skylight Works. Automatic fire-window.....	810,595	Jan. 23	4073	839	120	1010
Yutzky, William C., and B. E. Hyet, Cadillac, Mich. Hat and coat rack.....	827,280	July 31	5300	1099	123	1402
Z and Z Company. (See Christie, Thomas S., assignor.)						
Zäch, Bernhard, Passaic, N. J. Cut-off-thread-gathering attachment for threading-machines.....	830,814	Sept. 11	1868	389	124	501
Zachary, William H., assignor of one-half to D. R. Mitchell, Maysville, Ind. Ter. Wrench.....	817,213	Apr. 10	1323	276	121	1712
Zacek, Stefan, and E. O. Gottlieb, New York, N. Y. Apparatus for displaying pictures.....	811,610	Feb. 6	146	32-3	120	1517
Zagst, Andrew A., Allegheny, Pa. Stove-lifter.....	827,492	July 31	5808	1204	123	1525
Zahn, Clara, Newark, N. J. Device for teaching the fundamental operations with numbers.....	816,204	Mar. 27	4508	957	121	1139
Zahn, Oswald F., Los Angeles, Cal. Window-sash weight.....	826,703	July 24	4129	857	123	1096
Zalinski, Edmund L., New York, N. Y. Torpedo-gun.....	819,834	May 8	1602	340	122	421
Zalinski, Edmund L., New York, N. Y. Reflector.....	822,810	June 5	1147	236	122	1980
Zamboni, Lawrence, assignor to American Pulley Company, Philadelphia, Pa. Pulley-frame.....	828,698	Aug. 14	2018	426	123	2201
Zamboni, Lawrence, Philadelphia, Pa., assignor to Bennett-Zamboni Manufacturing Company. Shaft-hanger.....	832,648	Oct. 9	1273	257	124	1560
Zamboni, Lawrence, Philadelphia, Pa., and R. H. Bowen, Palmyra, N. J., assignors to American Pulley Company, Philadelphia, Pa. Pulley-frame.....	828,699	Aug. 14	2019	426	123	2201
Zamel, Albert G., Chicago, Ill. Track-sanding device.....	824,461	June 26	4435	941	122	2854
Zander, Henry, and G. Hahn, Wilmerding, Pa. Trolley.....	816,415	Mar. 27	4963	1054	121	1235
Zander, Henry L., New Orleans, La. Sheet-piling.....	816,770	Apr. 3	434	98	121	1454
Zander, John, Chicago, Ill. Hydrocarbon turbine-engine.....	822,176	May 29	6372	1353-4	122	1653
Zange, Max C., assignor to E. S. Swift, trustee, New Haven, Conn. Lathe attachment.....	809,353	Jan. 9	1497	302-3	120	365
Zangerle, Nickolas, South Bend, Ind. Boring-bit or auger.....	815,247	Mar. 13	2510	522	121	606
Zantner, William J., et al. (See Conley, Charles M., assignor.)						
Zapf, Georg, Cologne-Nippes, Germany. Electrical indicating device.....	839,690	Dec. 25	4796	1025	125	2668
Zarbock, Ernst F., Centralia, Ill., assignor to M. Waddell, New York, N. Y. Razor-strop.....	816,635	Apr. 3	190	44	121	1403
Zatzke, Daniel, Chicago, Ill. Window.....	828,447	Aug. 14	1518	319	123	2072
Zealand, Theodore F. H., Edgewood, Pa. Car-brake.....	835,270	Nov. 6	791	165	125	200
Zeckhauser, Ezekiel, Scottdale, Pa. Button.....	809,883	Jan. 9	2531	525	120	590
Zegelmeier, Alexander. (See Watson, Robert S., assignor.)						
Zeh, Edmund W. (See Hahnemann, Paul R., assignor.)						
Zeidler, Emil T., Riesa, Germany. Weighing device for vehicles.....	810,517	Jan. 23	3923	806-7	120	978

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Zeigler, Andrew W., Ellwood City, Pa. Show-case.	812,713	Feb. 13	2389	525	120	2050
Zeigler, John L., assignor of two-thirds to J. Reel and F. G. Calkins, Los Angeles, Cal. Water softening and clarifying apparatus.	830,552	Sept. 11	1339	276	124	360
Zeigler, Lambert, Sr., Lyons, Iowa. Woodworking-machine.	839,691	Dec. 25	4797	1025	125	2669
Zeiler, Robert, Munich, Germany. Smoke-consuming furnace.	824,327	June 26	4138	885	122	2792
Zeimet, Mathias, <i>et al.</i> (See Stupe, Carl F. R., assignor.)						
Zeiner, Mathias, McKeesport, Pa. Display-rack.	838,294	Dec. 11	2054	443	125	1907
Zeisberger, Frank, and W. Scott, London, England. Boot tree and last.	817,949	Apr. 17	2800	606	121	2085
Zeiss, Firm of Carl. (See Berger, Max, assignor.)						
Zeiss, Firm of Carl. (See Haber, Fritz, assignor.)						
Zeiss, Firm of Carl. (See König, Albert, assignor.)						
Zeiss, Firm of Carl. (See Leistenschneider, August, assignor.)						
Zeiss, Firm of Carl. (See Seidemann, Otto, assignor.)						
Zeiss, Firm of Carl. (See Straubel, Rudolf, assignor.)						
Zell, Erland, Schenectady, N. Y., assignor to General Electric Company. Electric muffle.	819,625	May 1	1156	254	122	259
Zellén, Henrik T. af, Vimmerby, Sweden, assignor to Aktiebolaget, "Sana," Malmö, Sweden, Company Ltd. Toilet-paper holder.	830,400	Sept. 4	1014	212	124	250
Zeller, George C., Tiffin, Ohio. Shears.	837,997	Dec. 11	1425	309	125	1751
Zellers, William H., Philadelphia, Pa. Loop-er-hook.	832,890	Oct. 9	1767	364	124	1678
Zellweger, John, St. Louis, Mo. Air filter and cooler.	838,602	Dec. 18	2644	569	125	2096
Zenker, Charles F., New York, N. Y. Cigar.	809,162	Jan. 2	1063	221	120	233
Zent Automobile Manufacturing Company. (See Zent, Schuyler W., assignor.)						
Zent, Lewis D., Bellefontaine, Ohio. Cooling device for engine-cylinders.	820,278	May 8	2559	555	122	633
Zent, Schuyler W., Evansville, Ind., assignor to Zent Automobile Manufacturing Company, Bellefontaine, Ohio. Device for effecting the radiation of heat.	826,008	July 17	2710	560	123	725
Zenzes, Alexander, Charlottenburg, Germany. Restraining ebullition in converters.	836,909	Nov. 27	4040		125	1131
Zephyriederfabrik Gesellschaft mit beschränkter Haftung vormals Trencmann & Co. (See Trencmann, Bruno, assignor.)						
Zerfas, Joseph, New York, N. Y. Animal-cleaving machine.	836,910	Nov. 27	4041	863-4	125	1131
Zerfing, David, Iowa City, Iowa. Draft-equalizer.	832,115	Oct. 2	187	37-8	124	1259
Zesiger, John L., Cleveland, Ohio. Spring-latch.	816,835	Apr. 3	572	119	121	1486
Zeyen, Charles S., Jemeppe-sur-Meuse, Belgium. Lubricator.	836,234	Nov. 20	2643	556-7	125	753
Zibell, Julius A., <i>et al.</i> (See Wick, Mathias, assignor.)						
Zicha, Rudolf, Cleveland, Ohio. Miner's lamp.	829,284	Aug. 28	4378	925	123	2869
Ziebell, Robert, Oshkosh, Wis. Vending-machine.	830,815	Sept. 11	1870	389	124	502
Ziegenhorn, Johann K., Syracuse, N. Y. Extensible phonograph-horn support.	819,966	May 8	1895	419	122	483
Ziegler, Alfred M., assignor to A. Ziegler & Sons Company, Boston, Mass. Textile gromet-web.	830,034	Sept. 4	248	49	124	61
Ziegler, Arthur W., Berlin, Wis. Cover for jars, glasses, &c.	810,834	Jan. 23	4505	938	120	1105
Ziegler, Elsie C., New Orleans, La. File-wrapper.	830,127	Sept. 4	459	92	124	115
Ziegler, Fredrick W., Nicola Lake, Canada. Life-saving appliance.	813,609	Feb. 27	4187	918	120	2545
Ziegler, John C., Seymour, Tex. Wind-motor.	816,524	Mar. 27	5173	1097-8	121	1282
Ziegler, Joram, Cleveland, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Type-writing machine.	827,136	July 31	4991	1042-3	123	1322
Ziegler, Martin, Beuerberg, Tsartienbahn, assignor to Oberbayrische Kokswerke und Fabrikchemischer Produkte Aktien-Gesellschaft, Munich, Germany. Means for carrying off gases from retorts while being charged.	837,446	Dec. 4	342	80	125	1441
Ziegler, Peter W., Philadelphia, Pa. Document-file.	836,956	Nov. 27	4132	881	125	1152
Zielinski, John, Detroit, Mich. Trolley-stand.	822,709	June 5	971	198	122	1943
Ziemendorff, Frederick. (See Poulson, Britton, assignor.)						
Ziems, Gilbert I., Glenavon, Ill. Conveyor.	812,319	Feb. 13	1634	359-60	120	1898
Zierleyn, Anthony B., Grand Rapids, Mich. Electric time-switch.	824,054	June 19	3633	773	122	2626
Zieseniss, Albert. (See Myser and Zieseniss.)						
Ziesing, Richard, Cleveland, Ohio. Retort.	818,070	Apr. 17	3032	655	121	2134
Zillessen, Ernst, Passaic, N. J. Dyeing apparatus.	813,478	Feb. 27	3922	860	120	2486
Zillessen, Ernst, Passaic, N. J. Dyeing apparatus.	813,479	Feb. 27	3924	861	120	2487
Zillmer, Frank W. (See Koepf, John F., assignor.)						
Zimmer, Anthony D., Russell, N. D. Gage or marker and rule.	822,094	May 29	6208	1323	122	1616
Zimmer, John, assignor to Caxton Company, Chicago, Ill. Hinge for school-desk seats.	827,930	Aug. 7	513	105	123	1799
Zimmer, Paul H., Schenectady, N. Y., assignor to General Electric Company. Motor starting and regulating rheostat.	819,626	May 1	1158	254	122	260
Zimmer, Samuel B. (See Spence, Prugh, and Zimmer.)						
Zimmerman, Abraham M., New Holland, Pa. Pump-bucket.	834,959	Nov. 6	153	31	125	42
Zimmerman, Arthur D., Boody, Ind. Gas-burner attachment.	833,106	Oct. 9	2171	457	124	1777
Zimmerman, Casper, Aberdeen, S. D. Attachment for telephone-receivers.	820,463	May 15	2917	634	122	771
Zimmerman, Casper, Fort Collins, Colo. Railway-car.	827,899	Aug. 7	398	85	123	1769
Zimmerman, Charles F. (See Zimmerman, Ida, C. F., and H. C.)						
Zimmerman, Charles W., and M. E. Burke, assignors to F. G. Barnes, Columbus, Ohio. Furniture-coupling.	820,540	May 15	3090	665	122	809
Zimmerman, Emil. (See Carter, Clarence W., assignor.)						
Zimmerman, Frank T., Auburn, Ind. Tower-cap.	814,106	Mar. 6	205	41	121	45
Zimmerman, Gus H., Fort Worth, Tex., assignor to J. J. Horan, St. Louis, Mo., and C. J. E. Kellner, Fort Worth, Tex. Stirrup.	836,000	Nov. 13	2158	462	125	581
Zimmerman, Harrison C. (See Price and Zimmerman.)						
Zimmerman, Harry, Fremont, Ohio. Shutter-bower.	839,692	Dec. 25	4799	1026	125	2669
Zimmerman, Harry, Fremont, Ohio. Shutter-fastener.	839,693	Dec. 25	4800	1026	125	2669
Zimmerman, Harry C. (See Zimmerman, Ida, C. F., and H. C.)						
Zimmerman, Harry S. (See Grove, George W., assignor.)						
Zimmerman, Henry B., Raymond, Minn. Hay-ricker.	830,035	Sept. 4	249	50	124	61
Zimmerman, Ida, C. F., and H. C., Frederick, Md. Shutter bower and fastener.	809,884	Jan. 9	2532	525	120	590
Zimmerman, John, Philadelphia, Pa., assignor to Philadelphia Tapestry Mills. Woven pile fabric.	813,130	Feb. 20	3234	709	130	2281
Zimmerman, John, Philadelphia, Pa., assignor to Philadelphia Tapestry Mills. Woven pile fabric.	813,131	Feb. 20	3235	709-10	130	2282
Zimmerman, John, Philadelphia, Pa., assignor to Philadelphia Tapestry Mills. Pile-gage.	813,132	Feb. 20	3238	710	130	2282
Zimmerman, John C., J. C. Stoops, and R. M. Lane, Neodesha, Kans. Railway-tie.	825,876	July 10	2451	511	123	643
Zimmerman, Thomas, Springfield, Ohio. T-square.	817,214	Apr. 10	1324	276-7	121	1713
Zimmerman, William, Chicago, Ill. Mechanism for transporting earth.	822,419	June 5	364	76	122	1805
Zimmermann, Frederick C. G., Pittsburg, Pa. Wagon attachment.	830,816	Sept. 11	1872	390	124	502
Zimmermann, Louis J. and P., New York, N. Y. Delivery-box.	814,107	Mar. 6	206	41-2	121	45
Zimmermann, Peter. (See Zimmermann, Louis J. and P.)						
Zink, Charles H. (See Lang and Smith, assignors.)						
Zinke, Bernhard. (See Landré, Julius H. W., assignor.)						
Zinninger, Edward D., assignor of one-half to S. W. Thompson and F. A. Swan, Vancouver, Wash. Fence structure.	831,918	Sept. 25	4089	852	124	1127

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Zipprich, Eugene. (See Müller and Zipprich.)						
Zitzwitz, Herman. (See Levey, John, assignor.)						
Zoeller, Edward, Louisville, Ky. Drum	830,952	Sept. 11	2109	446	124	559
Zoeller, Theodore J., assignor to Electric Candy Machine Company, Nashville, Tenn. Centrifugal melting device	816,055	Mar. 27	4203	892	121	1073
Zoeller, Theodore J., assignor to Electric Candy Machine Company, Nashville, Tenn. Converting into filaments substances liquefiable by heat	816,056	Mar. 27	4209	893	121	1075
Zoerkler, Frank, Fryburg, Pa. Door opener and closer for mines	811,890	Feb. 6	685	150	120	1630
Zoffer Plate Glass Manufacturing Company. (See Bagnall, Edward, assignor.)						
Zohlen, Emil, Crefeld, Germany. Manufacturing tire-covers	827,404	July 31	5544	1153	123	1463
Zöller, Carl F. W., assignor to Firm of A. Gutmann Actien Gesellschaft für Maschinenbau, Altona-Ottensen, Germany. Means for removing dust	821,776	May 29	5609	1195	122	1481
Zoller, William. (See Ware and Zoller.)						
Zollinger, Adalbert, Leipsic-Eutritzsch, assignor to Popper & Co., Leipsic, Germany. Action for mechanical musical instruments	813,480	Feb. 27	3926	861	120	2487
Zomer, Nicholas, Wilkes-Barre, Pa. Rock and coal drilling machine	830,036	Sept. 4	251	50	124	62
Zorge, Robert J., assignor to Zorge Safety Railway Equipment Company, Chicago, Ill. Alarm-signal	824,270	June 26	4035	864	122	2771
Zorge Safety Railway Equipment Company. (See Zorge, Robert J., assignor.)						
Zorn, Emil. (See Zorn, John B., assignor.)						
Zorn, John B., assignor of one-half to E. Zorn, Wisdom, Mont. Non-refillable bottle	827,900	Aug. 7	399	85	123	1769
Zorn, William H., Gary, Nebr. Pump attachment	837,532	Dec. 4	501	116	125	1481
Zortman, Charles E. (See Freeman and Zortman.)						
Zuber, Martin B., Capac, Mich. Folding umbrella	832,355	Oct. 2	675	129-30	124	1374
Zuber, Martin B., Capac, Mich. Umbrella-frame	834,861	Oct. 30	5951	1264	124	2852
Zucco, Pierre. (See Hooper and Zucco.)						
Zucco, Pierre, Baltimore, Md. Armored cement	821,569	May 22	5172	1104	122	1326
Zucker & Levett & Loeb Company. (See Backus, Clarence G., assignor.)						
Zucker & Levett & Loeb Company. (See Backus and Wallace, assignors.)						
Zugelder, Frederick G., Gunnison, Colo. Gage-line holder	817,357	Apr. 10	1600	338	121	1770
Zuiderhoek, Leendert L. D., Amsterdam, Netherlands. Manufacture of coke briquets	824,680	June 26	4852		122	2945
Zuleger, Alfred, Leipsic, Germany. Mechanically-playing accordion	817,950	Apr. 17	2801	607	121	2085
Zumdahl, Frederick C. (See Cormack and Zumdahl.)						
Zundel, Gustave A., New York, N. Y., assignor to J. H. Bunnell and Company. Spring-jack wedge	810,596	Jan. 23	4075	840	120	1010
Zurbuch, Henry A., Chicago, Ill. Valve	825,370	July 10	1364	287	123	372
Zvetina, John, Chicago, Ill. Thawing attachment for gas-pipes	831,695	Sept. 25	3639	762	124	1014
Zwanger, Julius H. (See Biery and Zwanger.)						
Zwarg, Friedrich M., Leipzig, Germany. Garment-hanger	837,653	Dec. 4	757	173	125	1542
Zweigbergk, Thorsten von, Preston, England. Controller	817,031	Apr. 3	966	199	121	1573
Zweigbergk, Thorsten von, Preston, England. Motor-starting switch	836,427	Nov. 20	3045	646-7	125	850
Zweigbergk, Thorsten von, Preston, England. Controller	839,250	Dec. 25	3907	840-1	125	2452
Zwicky, Heinrich, Schindellegi, Switzerland. Welt-replenishing mechanism for looms	812,970	Feb. 20	2902	640	120	2208
Zwilling, Henry, and J. T. Droset, St. Louis, Mo. Wagon-brake	817,358	Apr. 10	1601	338-9	121	1770
Zylstra, William H., Grand Rapids, Mich. Mail-box	825,503	July 10	1685	352	123	454

ALPHABETICAL LIST OF PATENTEES OF DESIGNS.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Volume.	Page.
A. H. Heisey & Co. (See Sanford, Andrew J., assignor.)				
A. M. Collins Manufacturing Company. (See Stone, Howard A., assignor.)				
Adams, William L., South Portland, Me. Steering-wheel.	37,810	Feb. 6	120	1766
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	37,890	Mar. 13	121	644
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	37,891	Mar. 13	121	644
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	37,892	Mar. 13	121	645
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	37,893	Mar. 13	121	645
Ahrenfeldt, Charles J., New York, N. Y. Covered dish or similar article.	37,894	Mar. 13	121	645
Aldin, Cecil, Southfields, Henley upon Thames, assignor to Lawrence & Jellicose, Ltd., London, England. Frieze for wall-coverings.	38,245	Sept. 18	124	879
Alexander, George A., assignor to W. Linker, Philadelphia, Pa. Plate or similar article.	38,365	Dec. 18	125	2328
Alexander, Jesse, New York, N. Y. Register and indicator casing.	38,205	Aug. 28	123	2050
Alexander, Jesse, Brooklyn, N. Y. Type-writer frame.	38,327	Nov. 27	125	1308
Allen, Charles E., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Cocktail-server.	38,112	July 3	123	308
Allen, Charles R., Oakland, Cal. Briquet.	38,206	Aug. 28	123	2951
Allen, Francis K., assignor to Springfield Metallic Casket Company, Springfield, Ohio. Name and handle plate for caskets.	38,353	Dec. 11	125	2013
American Auto Brass Company. (See Coffman, Roy, assignor.)				
American Can Company. (See Rudolph, Frank, assignor.)				
American Silver Company. (See Large, Samuel J., assignor.)				
American Soda Fountain Company. (See Conlin, John F., assignor.)				
American Soda Fountain Company. (See Helmer, William, assignor.)				
American Thermo-Ware Company. (See Wolfstein, Edward, assignor.)				
Anchel, Edward, assignor of one-half to J. Hecht, New York, N. Y. Braid.	38,239	Sept. 18	124	878
Anderson, William C., Lansing, Mich., assignor to Libbey Glass Company, Toledo, Ohio. Cut-glass vessel.	38,000	May 8	122	678
Andresen, Alfred, Minneapolis, Minn. Bottle.	37,906	Mar. 20	121	967
Andresen, Alfred, Minneapolis, Minn. Cake-iron cover.	38,013	May 15	122	994
Andrew B. Hendryx Co. (See Hendryx, Andrew B., assignor.)				
Archibald-Klement Company <i>et al.</i> (See Holmes, Frank G., assignor.)				
Atwood, Irving H., Amesbury, Mass. Lamp.	37,772	Jan. 2	120	297
Atwood, William H., New Haven, Conn. Automobile-body.	37,952	Apr. 10	121	1932
Bain, John, Pittsburg, Pa. Watchcase.	37,971	May 1	122	299
Baldwin, George W. (See Lyhne and Baldwin.)				
Ball, Thomas W., Garden City, assignor to Colgate & Co., New York, N. Y. Receptacle for toilet compounds.	38,183	Aug. 21	123	2589
Ballentine, Fred, Moscow, Okla. Ter. Pitcher.	38,222	Sept. 4	124	296
Balogh, Otto, Chicago, Ill. Shirt-waist box.	38,302	Oct. 30	124	2861
Barker, Samuel N., Kalamazoo, Mich. Back for playing-cards.	37,789	Jan. 16	120	876
Barnhart Brothers & Spindler. (See Gaunt, Sidney C., assignor.)				
Barton & Spooner. (See Spooner, Ralph P., assignor.)				
Bates, Maurice E., Kansas City, Mo., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric-light cluster.	38,155	Aug. 7	123	1969
Beach, Harry L., Coshocton, Ohio. Shelf.	38,203	Aug. 28	123	2950
Beach, Harry L., Coshocton, Ohio. Brush-holder.	38,220	Sept. 4	124	296
Beach, Henry B., and H. Kayser, assignors to International Silver Company, Meriden, Conn. Supporting base or standard for candelabra.	37,780	Jan. 9	120	613
Beach, Henry B., and H. Kayser, assignors to International Silver Company, Meriden, Conn. Cup or ornament.	37,781	Jan. 9	120	613
Beach, Henry B., and H. Kayser, assignors to International Silver Company, Meriden, Conn. Back for hand-mirrors, brushes, and similar articles.	38,066	June 12	122	2334
Beach, Henry B., and H. Kayser, assignors to International Silver Company, Meriden, Conn. Back for hand-mirrors, brushes, and similar articles.	38,067	June 12	122	2335
Beach, Henry B., and H. Kayser, assignors to International Silver Company, Meriden, Conn. Metal dish.	38,306	Nov. 6	125	308
Beecroft, Clement, Philadelphia, Pa., assignor to Tea Tray Company, Newark, N. J. Horn.	38,273	Oct. 9	124	1804
Beecroft, Clement, Philadelphia, Pa., assignor to Tea Tray Company, Newark, N. J. Horn.	38,274	Oct. 9	124	1804
Beers, Elmer W., Baltimore, Md. Playing-card.	38,310	Nov. 13	125	619
Behrend & Rothschild. (See Collier, Claude, assignor.)				
Belcher, Gilbert L., Oakland, Cal. Inkstand.	38,283	Oct. 16	124	2138
Bell, Harry J., Philadelphia, Pa. Seat end.	38,074	June 12	122	2336
Bell, Victor C., New York, N. Y. Bottle.	38,250	Sept. 25	124	1177
Benjamin Electric Manufacturing Company. (See Bates, Maurice E., assignor.)				
Bennett, Charles A., Taunton, Mass., assignor to Reed & Barton Corporation. Spoon or fork.	37,769	Jan. 2	120	296
Bennett, Ernest H., East Orange, N. J., assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,938	Apr. 3	121	1624
Bennett, Ernest H., East Orange, N. J., assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,939	Apr. 3	121	1624
Bennett, Ernest H., East Orange, N. J., assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,940	Apr. 3	121	1624
Bennett, John, Attleboro, Mass., assignor to Electric Chain Company. Bracelet.	37,805	Feb. 6	120	1765
Bennett, John, Attleboro, Mass., assignor to Electric Chain Company. Bracelet.	37,818	Feb. 13	120	2088
Berger, Christian L., Boston, Mass. Trivet.	38,078	June 12	122	2337
Berner, Paul B. T., Brooklyn, N. Y. Phonograph-horn.	38,275	Oct. 9	124	1805
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,177	Aug. 21	123	2588
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,178	Aug. 21	123	2588
Bertram, William L. (See Thompson, Cope, and Bertram.)				
Bird & Son, F. W. (See Wyman, George R., assignor.)				
Birkin, Charles W., Nottingham, England. Levers lace.	37,783	Jan. 9	120	613
Birkin, Charles W., Nottingham, England. Levers lace.	37,838	Feb. 20	120	2392
Birkin, Charles W., Nottingham, England. Levers lace.	37,839	Feb. 20	120	2393
Birkin, Charles W., Nottingham, England. Levers lace.	37,840	Feb. 20	120	2393
Birkin, Charles W., Nottingham, England. Levers lace.	37,841	Feb. 20	120	2393
Birkin, Charles W., Nottingham, England. Levers lace.	37,842	Feb. 20	120	2393
Birkin, Charles W., Nottingham, England. Levers lace.	37,883	Mar. 6	121	287

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Birkin, Charles W., Nottingham, England. Levers lace.....	38,195	Aug. 28	123	2949
Birkin, Charles W., Nottingham, England. Levers lace.....	38,195	Aug. 28	123	2949
Birkin, Charles W., Nottingham, England. Levers lace.....	38,197	Aug. 28	123	2949
Blackinton & Co., R. (See Hathaway, Albert E., assignor.)				
Blackinton & Co., R. (See Keller, Sidney A., assignor.)				
Blanford, Paul G., Portsmouth, Va. Badge.....	38,010	May 15	122	993
Bleichrode, Jacob B., assignor to J. B. Bleichrode & Co., New York, N. Y. Hanger for garments.....	38,255	Sept. 25	124	1178
Boal, Stanhope, Piqua, Ohio. Stove.....	38,041	May 29	122	1682
Boeck, Charles H., assignor to Metal Stamping Company, Jackson, Mich. Refrigerator.....	38,237	Sept. 11	124	599
Bookwalter, John R., Oklahoma, Okla. Ter. Spoon or similar article.....	37,866	Mar. 6	121	284
Boos, George E., Seattle, Wash. Post-card.....	38,380	Dec. 25	125	2723
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,188	Aug. 21	123	2590
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Candlestick.....	38,293	Oct. 23	124	2494
Boubel, Elmore F., Denver, Colo. Curtain.....	37,909	Mar. 20	121	968
Bower, Frank B., assignor to Phi Kappa Sigma Fraternity, Philadelphia, Pa. Badge.....	38,130	July 24	123	1276
Bowman, Mark K., Montclair, N. J. Door for feed-water heaters and similar apparatus.....	38,082	June 12	122	2338
Boykin, Christopher C., Norfolk, Va. Souvenir-cradle.....	37,768	Jan. 2	120	296
Bradley, William A., New York, N. Y. Toilet-powder receptacle.....	37,819	Feb. 13	120	2088
Brucker and Kessler Company. (See Heiss, Jesse, assignor.)				
Bridgeport Brass Company. (See Lyhne and Baldwin, assignors.)				
Brielmaier, John E., Chicago, Ill., assignor to T. F. Phillips Co., Dubuque, Iowa. Altar-boy's stool.....	38,276	Oct. 9	124	1805
Brielmaier, John E., Chicago, Ill., assignor to T. F. Phillips Co., Dubuque, Iowa. Confessional prie-dieu.....	38,277	Oct. 9	124	1805
Brielmaier, John E., Chicago, Ill., assignor to T. F. Phillips Co., Dubuque, Iowa. Prie-dieu.....	38,278	Oct. 9	124	1805
Bristol Manufacturing Company. (See Callowhill, Percy J., assignor.)				
Bristol Manufacturing Company. (See Keller, Sidney A., assignor.)				
Bromley & Sons, John. (See Bennett, Ernest H., assignor.)				
Bromley & Sons, John. (See Petzold, Adolph, assignor.)				
Bronson, Adelbert E., Jr., Cleveland, Ohio. Shell for coffee-mills.....	37,965	Apr. 24	121	2612
Brotherhood of Locomotive Firemen. (See Carter, William S., assignor.)				
Brown, Barton L. (See Wilson, Albert M., assignor.)				
Brown, Everett H., assignor to Leicester and Continental Mills Company, Germantown, Philadelphia, Pa. Knit fabric.....	38,212	Aug. 28	123	2952
Brown, Everett H., assignor to Leicester and Continental Mills Company, Germantown, Philadelphia, Pa. Knit fabric.....	38,213	Aug. 28	123	2952
Brown, Everett H., assignor to Leicester and Continental Mills Company, Germantown, Philadelphia, Pa. Knit fabric.....	38,214	Aug. 28	123	2952
Brown, Everett H., assignor to Leicester and Continental Mills Company, Germantown, Philadelphia, Pa. Knit fabric.....	38,215	Aug. 28	123	2952
Brown, Everett H., assignor to Leicester and Continental Mills Company, Germantown, Philadelphia, Pa. Knit fabric.....	38,216	Aug. 28	123	2952
Brown, Frank A., West Pike, Pa. Family-record-book leaf.....	38,030	May 22	122	1348
Browne, Harold, Nottingham, England, assignor to Patchogue Manufacturing Co., Patchogue, N. Y. Lace curtain.....	38,256	Sept. 25	124	1178
Budd, Edward G., Philadelphia, Pa. Seat end.....	38,075	June 12	122	2336
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Seat end.....	38,217	Aug. 28	123	2952
Burley, Frank E., Chicago, Ill. Condiment-container.....	37,901	Mar. 20	121	966
Burley, Frank E., Chicago, Ill. Grape-fruit holder.....	37,905	Mar. 20	121	967
Burns, George E., Central Falls, R. I. Ring.....	37,848	Feb. 27	120	2710
Busse, Frederick, New York, N. Y. Badge.....	38,033	May 29	122	1681
Buton, Gio, Bologna, Italy. Bottle.....	38,139	July 31	123	1644
C. H. Wurst Company. (See Frey, Frank J., assignor.)				
Cahill Iron Works. (See Zipp, John, assignor.)				
Cahill, Jerry E., Baltimore, Md. Casing of vending-machines.....	37,968	Apr. 24	121	2613
Callowhill, Percy J., North Attleboro, Mass., assignor to Bristol Manufacturing Company. Back for mirrors, brushes, or similar articles.....	38,175	Aug. 21	123	2587
Carnegie Hero Fund Commission. (See Osborne, Charles, assignor.)				
Carr, Edmond J., and E. T. Rushton, Portland, Ore. Ring.....	37,915	Mar. 27	121	1299
Carr, Laurence, Atchison, Kans. Stove.....	38,342	Dec. 4	125	1668
Carruthers, Samuel O., Portland, Me. Bottle.....	37,787	Jan. 16	120	876
Carter, William S., assignor to Brotherhood of Locomotive Firemen, Peoria, Ill. Badge.....	37,797	Jan. 30	120	1436
Celluloid Company. (See Smith, William C., assignor.)				
Ceramic Transfer Co. (See Ehrlich, Hermann, assignor.)				
Ceramic Transfer Co. (See Markert, Franz, assignor.)				
Chambers, George, and R. J. Stewart, Mount Clemens, Mich. Spoon or similar article.....	37,989	May 8	122	675
Charles Smith Company. (See Smith, Charles, assignor.)				
Chastenet Frères. (See Chastenet, Maurice, assignor.)				
Chastenet, Maurice, assignor to Chastenet Frères, Bordeaux, France. Bottle.....	37,820	Feb. 13	120	2088
Cheney Brothers. (See Crownfield, Sophia L., assignor.)				
Cheney Brothers. (See Doughty, Emma W., assignor.)				
Cheney Brothers. (See Fowler, Harriet W., assignor.)				
Cheney Brothers. (See Hood, Mary S., assignor.)				
Cheney Brothers. (See Johnstone, Helen P., assignor.)				
Cheney Brothers. (See Johnstone, Margaret L., assignor.)				
Cheney Brothers. (See Papin, Alfred F., assignor.)				
Chisholm, D. Hewitt, Chicago, Ill., assignor to Peerless Kitchen Boiler & Supply Co. Gasolene-lamp.....	38,253	Sept. 25	124	1177
Christmann, Charles L., Englewood, N. J. Bed-quilt.....	38,380	Dec. 25	125	2724
Churchill, William Corning, N. Y. Reflector for lamps.....	37,798	Jan. 30	120	1437
Clark, Easterly & Co. (See Easterly, Frank L., assignor.)				
Cleff, Ernest, New York, N. Y., assignor to Springfield Metallic Casket Company, Springfield, Ohio. Name and handle plate for caskets.....	38,301	Oct. 30	124	2861
Cleff, Ernest, New York, N. Y., assignor to Springfield Metallic Casket Company, Springfield, Ohio. Plate and handle for caskets.....	38,328	Nov. 27	125	1309
Clulee, John, Wallingford, assignor to International Silver Co., Meriden, Conn. Handle for spoons, forks, or similar articles.....	38,018	May 22	122	1346
Clulee, John, Wallingford, assignor to International Silver Co., Meriden, Conn. Handle for spoons, forks, or similar articles.....	38,019	May 22	122	1346
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Handle of spoons, forks, or similar articles.....	37,786	Jan. 16	120	876
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Handle of spoons, forks, or similar articles.....	38,020	May 22	122	1346
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Back of brushes.....	38,090	June 19	122	2637
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Back of brushes.....	38,091	June 19	122	2638

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Cofer, Thomas C. (See Johnson and Cofer.)				
Coffman, Roy, assignor to American Auto Brass Company, Columbus, Ohio. Vehicle-lamp	38,307	Nov. 6	125	309
Coffman, Will S., Columbia, Tenn. Wagon-body	37,782	Jan. 9	120	613
Cole, Ernest C., Chicago, Ill. Cooking-stove	37,908	Mar. 20	121	968
Coleman, Aaron, New York, N. Y. Suspender-box	38,057	June 5	122	2022
Colgate & Co. (See Ball, Thomas W., assignor.)				
Coller, Claude, assignor to Behrend & Rothschild, New York, N. Y. Inflatable toy	38,185	Aug. 21	123	2589
Collins, Henry H., Jr., Philadelphia, Pa. Card-mount	37,860	Feb. 27	120	2712
Collins, Henry H., Jr., Philadelphia, Pa. Card-mount	37,861	Feb. 27	120	2712
Collver, Edward, Toronto, Canada. Embossed fabric	38,116	July 3	123	309
Condé, Frederic, Oswego, N. Y. Knitted fabric	38,046	May 29	122	1684
Condé, Frederic, Oswego, N. Y. Knitted fabric	38,047	May 29	122	1684
Condé, Frederic, Oswego, N. Y. Knitted fabric	38,207	Oct. 23	124	2495
Conery, Arthur F., Jr., Newark, N. J. Receptacle-cap	38,207	Aug. 28	123	2951
Conlin, John F., Chelsea, assignor to American Soda Fountain Company, Boston, Mass. Glass-holder	37,943	Apr. 10	121	1930
Continuous Glass Press Company. (See Shuman, Frank, assignor.)				
Cooperative Foundry Company. (See Kennedy and King, assignors.)				
Cope, George W. (See Thompson, Cope, and Bertram.)				
Coulson, Thomas W. (See Dodenhoff and Coulson.)				
Cretors, Charles, Chicago, Ill. Vehicle-top	38,042	May 29	122	1683
Cretors, Charles, Chicago, Ill. Vehicle-top	38,043	May 29	122	1683
Critz, Lizzie B., West Point, Miss. Dish	38,094	June 19	122	2638
Crosby, Joseph H., Jacksonville, Fla. Bodkin	37,871	Mar. 6	121	235
Crosby, Joseph H., Jacksonville, Fla., assignor to Greenleaf and Crosby Company. Brooch or similar article	37,790	Jan. 23	120	1136
Crowell, Gilbert L., Jr., Arlington, N. J., assignor to Dominick & Hafl, New York, N. Y. Back of brushes, mirrors, or similar toilet articles	38,282	Oct. 16	124	2137
Crowell, Gilbert L., Jr., Arlington, N. J., assignor to Dominick & Hafl, New York, N. Y. Handle for spoons, forks, or similar articles	38,332	Dec. 4	125	1665
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,061	June 5	122	2023
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,062	June 5	122	2023
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,063	June 5	122	2023
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,064	June 5	122	2024
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,065	June 5	122	2024
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,085	June 12	122	2339
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,086	June 12	122	2339
Crozier, Hugh V., Morrilton, Ark. Cabinet	38,008	May 8	122	680
Culpepper, Charles H., Portsmouth, Va. Tobacco-pipe bowl	38,141	July 31	123	1644
Curtis, Nettie I. E., Jacksonville, Ill. Rug	38,224	Sept. 4	124	296
Dake, Walter M., assignor of one-half to M. O. Waterbury, Denver, Colo. Stick-pin	38,174	Aug. 21	123	2587
Davidge & Co., F. C. (See Lloyd, Henry W., assignor.)				
Davies, Benjamin F., West Hoboken, N. J., assignor to L. Straus & Sons, New York, N. Y. Glass vessel	37,999	May 8	122	677
Davison, Frank B., Norfolk, Va. Badge	38,137	July 31	123	1644
Dawes, John L., Pittsburg, Pa. Illuminated chandelier-sign	37,799	Jan. 30	120	1437
Dawes, John L., Pittsburg, Pa. Illuminated chandelier-sign	37,800	Jan. 30	120	1437
Dawes, John L., Pittsburg, Pa. Illuminated chandelier-sign	37,801	Jan. 30	120	1437
Dawes, John L., Pittsburg, Pa. Illuminated chandelier-sign	37,802	Jan. 30	120	1437
Dawes, John L., Pittsburg, Pa. Illuminated chandelier-sign	37,823	Feb. 13	120	2089
Dayton, Edwin W., New York, N. Y. Cigar-cutter	37,958	Apr. 17	121	2277
Deming, Eli R., Alameda, Cal. Scraper	37,980	May 1	122	300
Desha, Mary, Washington, D. C. Badge	38,193	Aug. 28	123	2948
Dieges, Charles J., New York, N. Y. Badge	37,865	Mar. 6	121	284
Dietz Company, R. E. (See Everett, Ernest C., assignor.)				
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Lamp	37,948	Apr. 10	121	1931
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Lamp	37,949	Apr. 10	121	1931
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Lamp	37,950	Apr. 10	121	1931
Dodenhoff, Peter C., and T. W. Coulson, Detroit, Mich. Cover for leather pillows	38,296	Oct. 23	124	2494
Doleshy, Frank F., Seattle, Wash. Hotel-register desk	38,029	May 22	122	1248
Dominick & Hafl. (See Crowell, Gilbert L., Jr., assignor.)				
Doorenbos, John, New York, N. Y. Gas-lamp	38,143	July 31	123	1645
Dorst, Arno A., Cincinnati, Ohio. Ring	37,916	Mar. 27	121	1300
Doughty, Emma W., Ramapo, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,097	June 19	122	2639
Doughty, Emma W., Ramapo, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,098	June 19	122	2639
Doughty, Emma W., Ramapo, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,099	June 19	122	2639
Doughty, Emma W., Ramapo, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,100	June 19	122	2640
Doughty, Emma W., Ramapo, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric	38,101	June 19	122	2640
Douglas, Archer W., assignor to Simmons Hardware Company, St. Louis, Mo. Padlock	37,771	Jan. 2	120	296
Douglas, Elizabeth J., Crete, Neb. Rein-holder	38,168	Aug. 14	123	2288
Dreux, Emile S., New York, N. Y. Ribbon	38,240	Sept. 18	124	878
Drucker, Morris N., Cincinnati, Ohio. Trunk-lock	38,129	July 17	123	988
Duenkel, Charles L., East Orange, N. J. Lamp	38,316	Nov. 20	125	960
E. H. Smith Silver Company. (See Ittig, George P., assignor.)				
E. R. Thomas Motor Company. (See Thomas and Koen, assignors.)				
E. and T. Fairbanks and Company. (See Sargent, Willis H., assignor.)				
Eagle Pencil Company. (See McIntyre, Frank, assignor.)				
Earl, Belle A., Chicago, Ill. Apron	38,379	Dec. 18	125	2331
Easterly, Frank L., assignor to Clark, Easterly & Co., Gloversville, N. Y. Glove	38,191	Aug. 21	123	2500
Economy Tumbler Company. (See Jones, William S., assignor.)				
Ehrle, Edward, New York, N. Y., assignor to Western Clock Company, La Salle, Ill. Clock-case	38,372	Oct. 9	124	1804
Ehrlich, Hermann, Fürth, Germany, assignor to Ceramic Transfer Co. Plate	38,104	June 26	122	2957
Eichhorn, Charles J., assignor to Tea Tray Company, Newark, N. J. Amplifying-horn	38,202	Aug. 28	123	2956

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol	Page
Eidridge, Hillary, <i>et al.</i> (See Waldeck, Carl E., assignor.)				
Electric Chain Company. (See Bennett, John, assignor.)				
Electric Vehicle Company. (See Steinbeck, Paul W., assignor.)				
Eli Lilly & Company. (See Ridgely, Henry D., assignor.)				
Ellis, Vaughn M., Seattle, Wash. Badge-button.....	37,887	Mar. 13	121	644
Elsaesser, William G. (See Lang, William C. J., assignor.)				
Enos Company. (See Watkins, Howard E., assignor.)				
Erdt, Susanna V., Montclair, N. J. Drain-tray.....	38,368	Dec. 18	125	2328
Erickson, Fred E., Chicago, Ill. Grille-curtain.....	37,882	Mar. 6	121	287
Ernsting, Chris. W. (See Paye, Charles T., assignor.)				
Evans, Mabel L., and P. H. Lindner, Chicago, Ill. Button.....	38,032	May 29	122	1681
Everett, Ernest C., assignor to R. E. Dietz Company, New York, N. Y. Vehicle-lamp.....	37,773	Jan. 2	120	297
F. & N. Lawn Mower Company. (See Stanton, Morris E., assignor.)				
Faber, Eberhard, New York, N. Y. Pencil.....	37,855	Feb. 27	120	2711
Faber, Eberhard, New York, N. Y. Pencil.....	37,869	Mar. 6	121	285
Faber, Eberhard, New York, N. Y. Pencil.....	37,870	Mar. 6	121	285
Faber, Eberhard, New York, N. Y. Display-case.....	37,877	Mar. 6	121	286
Faber, Eberhard, New York, N. Y. Display-case.....	37,878	Mar. 6	121	286
Fahys Watch Case Company. (See Habensack, Frederick, assignor.)				
Feagans, George E. (See Shepard, Chester B., assignor.)				
Feuerstein, Solomon B., Chicago, Ill. Coat and hat rack.....	38,387	Dec. 25	125	2724
Field, Alma C., assignor to T. E. Bennett Company, Providence, R. I. Locket or charm.....	38,320	Nov. 27	125	1307
Fillmore, Franklin W., Atlantic City, N. J. Wall-cabinet.....	38,308	Nov. 6	125	309
Fischer, Albert T., Cleveland, Ohio. Clock-case.....	37,852	Feb. 27	120	2711
Fischer, Albert T., Cleveland, Ohio. Clock-case.....	37,853	Feb. 27	120	2711
Fish, Oscar B. (See Headley, Elwood, assignor.)				
Fiske, Henry G. (See Schaaf and Fiske.)				
Flaherty, Patrick, Jerome, Ariz. Ter. Watch-fob.....	38,321	Nov. 27	125	1307
Flanagan, Chester A., Union, Oreg. Wall-pocket or music-rack.....	38,077	June 12	122	2337
Flora, Cornelius, Schenectady, N. Y. Emblem.....	38,362	Dec. 18	125	2327
Foster, Theodore W., Providence, R. I. Back for mirrors.....	38,179	Aug. 21	123	2588
Foster, Theodore W., Providence, R. I. Back for mirrors.....	38,180	Aug. 21	123	2588
Foster, Theodore W., Providence, R. I. Back of brushes.....	38,181	Aug. 21	123	2589
Foster, Theodore W., Providence, R. I. Cover of boxes.....	38,182	Aug. 21	123	2589
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,122	July 3	123	310
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,123	July 3	123	310
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,124	July 3	123	310
Frank, Henry C., New York, N. Y. Clasp member.....	38,363	Dec. 18	125	2327
Frankenthal, Herman, New York, N. Y. Display-stand.....	38,204	Aug. 28	123	2950
Franzen, Nicklas, Walton, Pa. Plate of glass.....	38,251	Sept. 25	124	1177
Freisinger, Victor, Atlantic City, N. J. Spoon or fork.....	38,258	Oct. 2	124	1489
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Knit fabric.....	37,936	Apr. 3	121	1624
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Knit fabric.....	37,937	Apr. 3	121	1624
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Elder-down cloth.....	38,045	May 29	122	1683
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Knit fabric.....	38,209	Aug. 28	123	2951
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Knit fabric.....	38,210	Aug. 28	123	2951
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Knit fabric.....	38,211	Aug. 28	123	2951
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Knit fabric.....	38,319	Nov. 20	125	961
French & Ward. (See French, Charles H., assignor.)				
Frey, Frank J., Quincy, Ill. Stove.....	38,156	Aug. 7	123	1969
Frey, Frank J., assignor to C. H. Wurst Company, Quincy, Ill. Cooking-range.....	38,028	May 22	122	1348
Frey, Frank J., Quincy, Ill., assignor to H. Wetter Mfg. Co., Memphis, Tenn. Stove.....	38,083	June 12	122	2338
Friskie, Franklin S., Boston, Mass. Badge.....	38,298	Oct. 30	124	2861
Gaunt, Sidney C., assignor to Barnhart Brothers & Spindler, Chicago, Ill. Font of type.....	38,223	Sept. 4	124	296
Gavin, John H., assignor to L. Wolff Manufacturing Company, Chicago, Ill. Lavatory.....	38,247	Sept. 18	124	879
Gebhardt, Edwin, Cincinnati, Ohio. Lapel-button.....	37,899	Mar. 20	121	966
Geisman & Musliner. (See Musliner, Louis M., assignor.)				
Genchi, Pietro. (See Reinhard and Genchi.)				
Geraghty, John F., New York, N. Y., assignor to W. R. Noe, East Orange, N. J. Wall-lamp holder.....	37,947	Apr. 10	121	1930
Gibb, James R., assignor to Lehigh Manufacturing Company, Philadelphia, Pa. Lace curtain.....	38,152	July 31	123	1646
Gilbert and Barker Manufacturing Company. (See Lossberg, Victor F. von, assignor.)				
Gillinder & Sons, Inc. (See Booth, Kraft, assignor.)				
Goddard, William B., assignor to Meurer Bros. Co., Brooklyn, N. Y. Tile.....	37,836	Feb. 20	120	2392
Goerk, Gustav. (See Oswald and Goerk.)				
Goodwin, John B., Baltimore, Md. Badge or similar article.....	37,888	Mar. 13	121	644
Goodwin, John B., assignor to Sovereign Grand Lodge of the Independent Order of Odd Fellows, Baltimore, Md. Badge.....	37,914	Mar. 27	121	1299
Gorham Manufacturing Company. (See Codman, William C., assignor.)				
Goshen Rubber Works. (See Whisler, Arrah J., assignor.)				
Goss, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Top for powder-receptacles.....	38,305	Nov. 6	125	308
Greenleaf and Crosby Company. (See Crosby, Joseph H., assignor.)				
Greenleaf, Sue, El Paso, Tex. Stocking-receptacle.....	38,132	July 24	123	1276
Grindley, William H., Barlaston, England, assignor to W. S. Pitcairn, New York, N. Y. Plate or similar article.....	38,036	May 29	122	1682
Gutermann, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Cover for dishes.....	38,284	Oct. 16	124	2138
H. Wetter Mfg. Co. (See Frey, Frank J., assignor.)				
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall, Worcester, Mass. Rug.....	37,828	Feb. 13	120	2090
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall, Worcester, Mass. Carpet-border.....	38,154	July 31	123	1647
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall, Worcester, Mass. Carpet.....	38,199	Aug. 28	123	2949
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall, Worcester, Mass. Rug.....	38,267	Oct. 2	124	1490
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall, Worcester, Mass. Carpet.....	38,290	Oct. 16	124	2129
Habensack, Frederick, Sag Harbor, assignor to Fahys Watch Case Company, New York, N. Y. Handle of spoons, forks, or similar articles.....	38,068	June 12	122	2335
Hagerling, Harry J., Belleville, Ill. Badge.....	38,360	Dec. 18	125	2327
Hale-Kilburn Metal Company. (See Budd, Edward G., assignor.)				
Hamburger, Moses, New York, N. Y. Portiere.....	37,784	Jan. 9	120	614
Hamburger, Moses, New York, N. Y. Portiere.....	37,785	Jan. 9	120	614
Hardman, James, Jr., Belleville, N. J., assignor to International Automobile and Vehicle Tire Co. Rubber fabric.....	38,241	Sept. 18	124	878
Hassall, John, assignor to Lawrence & Jellicose, Ltd., London, England. Frieze for wall-coverings.....	38,246	Sept. 18	124	879
Hasselbring, John, New York, N. Y. Bottle-opener.....	38,166	Aug. 14	123	2288

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Hathaway, Albert E., assignor to R. Blackinton & Co., North Attleboro Mass. Handle of a button-hook or similar article.	38,229	Sept. 11	124	597
Hathaway, Albert E., assignor to R. Blackinton & Co., North Attleboro, Mass. Back of a brush.	38,230	Sept. 11	124	597
Hathaway, Albert E., assignor to R. Blackinton & Co., North Attleboro, Mass. Back of a mirror.	38,231	Sept. 11	124	598
Hausold, Alvin, Allegheny, assignor to Keystone Electric and Manufacturing Company, Pittsburg, Pa. Arc-lamp housing.	37,895	Mar. 13	121	645
Hawthorne and Sheble Manufacturing Company. (See Sheble, Horace, assignor.)				
Headley, Elwood, assignor to O. B. Fish, New York, N. Y. Toy safe bank.	38,326	Nov. 27	125	1308
Hecht Jonas. (See Anchel, Edward, assignor.)				
Heiss, Jesse, Berlin, N. J., assignor to Breuker and Kessler Company, Philadelphia, Pa. Box-paper.	38,281	Oct. 9	124	1806
Helmer, William, assignor to American Soda Fountain Company, Boston, Mass. Glass-holder or similar article.	38,208	Aug. 28	123	2951
Helmer, William, assignor to American Soda Fountain Company, Boston, Mass. Drinking-glass or similar article.	38,248	Sept. 25	124	1177
Hendryx, Andrew B., assignor to Andrew B. Hendryx Co., New Haven, Conn. Bird-cage.	38,366	Dec. 18	125	2328
Hendryx, Andrew B., assignor to Andrew B. Hendryx Co., New Haven, Conn. Bird-cage.	38,367	Dec. 18	125	2328
Hering, Ardo, New York, N. Y. Holder for bottles, glasses, and similar articles.	38,243	Sept. 18	124	879
Hering, Ardo, New York, N. Y. Holder for glasses, bottles, and similar articles.	38,244	Sept. 18	124	879
Herr, Edward A., Washington, D. C. Hose-hook for garters.	38,312	Nov. 13	125	619
Hertzmann, Siegmund, assignor to Mission Gold Bond Co., San Francisco, Cal. Trading-stamp.	37,806	Feb. 6	120	1765
Herzog, Joseph L., New York, N. Y. Finger-ring.	37,766	Jan. 2	120	296
Herzog, Joseph L., New York, N. Y. Badge.	38,194	Aug. 28	123	2949
Herzog, Joseph L., New York, N. Y. Finger-ring.	38,235	Sept. 11	124	598
Hewitt, Herbert H. (See Shultz, Albert B., assignor.)				
Higgins, Arthur S., New York, N. Y. Plate or similar dish.	37,904	Mar. 20	121	967
Hillbom, Henric, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Handle for spoons, forks, or similar articles.	38,069	June 12	122	2335
Hillbom, Henric, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Teapot or similar article.	38,070	June 12	122	2335
Hirschberg, David, New York, N. Y. Belt.	37,776	Jan. 2	120	298
Hirschfeld, Henry W., assignor to International Silver Company, Meriden, Conn. Handle for spoons, forks, or similar articles.	38,103	June 26	122	2957
Hochstadter, Sigmund, New York, N. Y. Bottle.	37,956	Apr. 17	121	2277
Hoffman, Edmund, New York, N. Y. Sheet-metal can.	38,287	Oct. 16	124	2138
Hogan, William A., New York, N. Y. Shade for lamps.	38,056	June 5	122	2022
Holmes, Frank G., Trenton, assignor to Archibald-Klement Company, Newark, and Lennox Incorporated, Trenton, N. J. Vessel for table use.	38,324	Nov. 27	125	1308
Homer, George E., Boston, Mass. Spoon or similar article.	38,138	July 31	123	1644
Ho d, Mary S., Newark N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,117	July 3	123	309
Horner, William C., assignor to C. P. McDougall, Indianapolis, Ind. Kitchen-cabinet top.	37,897	Mar. 13	121	646
Howe, George, New York, N. Y. Electrically-illuminated sign.	38,014	May 15	122	994
Hubbell, Lindley D., Hartford, Conn. Frame of radiators for automobiles.	37,827	Feb. 13	120	2090
Huber, Walter J., assignor of one-half to W. Imhoff, Dubuque, Iowa. Grave-cover.	37,837	Feb. 20	120	2392
Hudgins, Louis, Nogales, Ariz. Ter. Game-board.	38,303	Oct. 30	124	2862
Hullhorst, William G., Toledo, Ohio. Dental cabinet.	38,079	June 12	122	2337
Humphrey, Alfred H., New York, N. Y. Gas-lamp.	38,288	Oct. 16	124	2138
Hunt, Ozello R., Kenosha, Wis. Cabinet.	38,309	Nov. 6	125	309
Hurd, Charles S., Newark, N. J. Bracelet.	37,767	Jan. 2	120	296
Hurd, Charles S., Newark, N. J., assignor to Riker Bros. Badge.	38,157	Aug. 14	123	2287
Huss, William C., Cincinnati, Ohio. Billiard-table.	38,080	June 12	122	2338
Huss, William C., Cincinnati, Ohio. Billiard-table.	38,081	June 12	122	2338
Imhoff, William. (See Huber, Walter J., assignor.)				
Imperial Glass Company. (See Owens, John, assignor.)				
International Automobile and Vehicle Tire Co. (See Hardman, James, Jr., assignor.)				
International Conservatory of Music. (See MacMaster, James, assignor.)				
International Conservatory of Music. (See Thrash, William E., assignor.)				
International Silver Co. (See Chulee, John, assignor.)				
International Silver Co. (See Prior, Charles M., assignor.)				
International Silver Co. (See Strohaker, Gustave, assignor.)				
International Silver Company. (See Beach and Kayser, assignors.)				
International Silver Company. (See Berry, George H., assignor.)				
International Silver Company. (See Hirschfeld, Henry W., assignor.)				
International Silver Company. (See Leech, John, assignor.)				
Ittig, George P., assignor to E. H. H. Smith Silver Company, Bridgeport, Conn. Handle for spoons.	37,791	Jan. 23	120	1137
Ittig, George P., Bridgeport, assignor to E. H. H. Smith Silver Company, Stratford, Conn. Fork or spoon or similar article.	38,384	Dec. 25	125	2723
J. B. Bleichrode & Co. (See Bleichrode, Jacob B., assignor.)				
Jacobs, Benjamin W., Lancaster, Ohio. Fruit-bowl.	38,055	June 5	122	2021
Jacobs, Jacob, Brooklyn, N. Y. Vault-light prism.	38,115	July 3	123	308
Jacobs, Winthrop L., Rutherford, N. J., assignor to W. & J. Sloane, New York, N. Y. Carpet.	37,911	Mar. 20	121	968
Jameson, William A., Niagara Falls, N. Y. Handle of spoons, forks, or similar articles.	37,955	Apr. 17	121	2277
Jasper, Tolbert F., Denton, Tex. Fence-post.	38,335	Dec. 4	125	1666
Joachim, Benjamin, Newark, N. J. Badge or pin.	38,158	Aug. 14	123	2287
Johnson, Arthur, New York, N. Y. Lapel-button.	38,361	Dec. 18	125	2327
Johnson, Henry W., Jr., and T. C. Cofer, Norfolk, Va. Badge.	38,268	Oct. 9	124	1803
Johnson and Johnson. (See Lee, John E., assignor.)				
Johnson, Robert L., Stoke-upon-Trent, England. Cover-dish.	37,792	Jan. 23	120	1137
Johnson, Robert L., Stoke-upon-Trent, England. Cover-dish.	37,793	Jan. 23	120	1137
Johnston, George, Detroit, Mich. Eyeglass-guard.	38,271	Oct. 9	124	1804
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,119	July 3	123	309
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,120	July 3	123	309
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,121	July 3	123	309
Johnstone, Margaret L., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,118	July 3	123	309
Johntra, Joseph A., Flushing, N. Y. Premium-stamp.	37,822	Feb. 13	120	2088
Jones, William, New York, N. Y. Box.	37,944	Apr. 10	121	1930
Jones, William S., assignor to Economy Tumbler Company, Morgantown, W. Va. Glass vessel.	38,346	Dec. 11	125	2012
Kalamazoo Stove Company. (See Thompson, Cope, and Bertram, assignors.)				
Kamsler, Henry, New York, N. Y. Ribbon.	38,355	Dec. 11	125	2014
Kamsler, Henry, New York, N. Y. Ribbon.	38,356	Dec. 11	125	2014
Kamsler, Henry, New York, N. Y. Ribbon.	38,357	Dec. 11	125	2014
Kamsler, Henry, New York, N. Y. Ribbon.	38,358	Dec. 11	125	2014
Kamsler, Henry, New York, N. Y. Ribbon.	38,359	Dec. 11	125	2014

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Kayser, Henry. (See Beach and Kayser.)				
Keifer, Henry B., Lancaster, Pa. Cover for books or catalogues	38,329	Nov. 27	125	1309
Keller, Sidney A., New York, N. Y., assignor to Webster Company, North Attleboro, Mass. Back for brushes, hand-mirrors, and similar articles	37,777	Jan. 9	120	612
Keller, Sidney A., New York, N. Y., assignor to Woodside Sterling Company. Back of hand-mirrors or similar articles	37,778	Jan. 9	120	612
Keller, Sidney A., New York, N. Y., assignor to William H. Saart Company. Back for brushes, mirrors, or similar articles	38,021	May 22	122	1346
Keller, Sidney A., New York, N. Y., assignor to R. Blackinton & Co., North Attleboro, Mass. Handle of spoons, forks, or similar articles	38,092	June 19	122	2638
Keller, Sidney A., New York, N. Y., assignor to Bristol Manufacturing Company. Back for mirrors, brushes, or similar articles	38,176	Aug. 21	123	2587
Kelly, John F., assignor to Thomas Maddock's Sons Company, Trenton, N. J. Lavatory	38,040	May 29	122	1682
Kennedy, Thomas R., and E. J. King, assignors to Cooperative Foundry Company, Rochester, N. Y. Stove	38,317	Nov. 20	125	960
Keystone Electric and Manufacturing Company. (See Hausold, Alvin, assignor.)				
Kieran, Francis, New York, N. Y. Ribbon	38,318	Nov. 20	125	960
Kilburn, John B., Philadelphia, Pa. Seat end	38,076	June 12	122	2337
Kling, Max H., New York, N. Y. Ring	38,159	Aug. 14	123	2287
Kling, Max H., New York, N. Y. Ring	38,160	Aug. 14	123	2287
Kling, Max H., New York, N. Y. Ring	38,161	Aug. 14	123	2287
Knapp, Charles E., New York, N. Y. Rubber binding	38,095	June 19	122	2638
Knight, Olin C., Boston, Mass., assignor to United Drug Company, Jersey City, N. J. Advertising device	38,227	Sept. 4	124	296
Knowles, George E., Brooklyn, N. Y. Picture-display cabinet	37,879	Mar. 6	121	286
Koen, James R. (See Thomas and Koen.)				
Kohn, Edward A., New York, N. Y. Bottle	38,385	Dec. 25	125	2724
Kolb, Gustave F., Mount Vernon, assignor to Mauser Manufacturing Co., New York, N. Y. Handle for spoons, forks, or similar articles	38,323	Nov. 27	125	1307
Kollstede, Alfred G., New York, N. Y., assignor to Western Clock Manufacturing Company, La Salle, Ill. Clock-frame	38,262	Oct. 2	124	1489
Kollstede, Alfred G., New York, N. Y., assignor to Western Clock Manufacturing Company, La Salle, Ill. Clock-frame	38,263	Oct. 2	124	1489
Kuno, Richard, <i>et al.</i> (See Wolff, William J., assignor.)				
Künzel, Hugo, Cologne-Lindenthal, Germany. Casing for toy shooting apparatus	37,831	Feb. 20	120	2391
Kurz, Charles F., Cleveland, Ohio. Billiard-table	38,189	Aug. 21	123	2590
Kurz, Charles F., Cleveland, Ohio. Billiard-table	38,190	Aug. 21	123	2590
L. Wolf Manufacturing Company. (See Gavin, John H., assignor.)				
Lambert, August V., assignor to Lambert Bros., New York, N. Y. Bracelet	38,381	Dec. 25	125	2723
Lambert Bros. (See Lambert, August V., assignor.)				
Lancaster, Charles A. (See Weeden, Walter L., assignor.)				
Lang, William C. J., assignor of one-half to W. G. Elsaesser, Buffalo, N. Y. Sewing-rack	38,236	Sept. 11	124	598
Langmaid, George A., Haverhill, Mass. Eyelet	37,918	Mar. 27	121	1300
Larje, Samuel J., assignor to American Silver Company, Bristol, Conn. Handle of spoons or similar articles	37,942	Apr. 10	121	1929
Lattin, Albert N., assignor to S. Sternau & Company, Brooklyn, N. Y. Bath-room hook	38,025	May 22	122	1347
Lawrence, Franklin M., Portland, Me. Cooking-range	28,225	Sept. 4	124	297
Lawrence & Jellicose. (See Aldin, Cecil, assignor.)				
Lawrence & Jellicose. (See Hassall, John, assignor.)				
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	37,972	May 1	122	299
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	37,973	May 1	122	299
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	37,974	May 1	122	299
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	37,975	May 1	122	299
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	38,011	May 15	122	993
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	38,022	May 22	122	1347
Lawson, Stanley M., Cincinnati, Ohio. Clock-frame	38,034	May 29	122	1681
Lee, Arthur, assignor to H. C. Waterhouse, New York, N. Y. Playing-card	38,295	Oct. 23	124	2424
Lee, John E., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Jar	37,829	Feb. 20	120	2390
Lech, John, assignor to International Silver Company, Bridgeport, Conn. Handle for forks, spoons, and similar articles	37,990	May 8	122	675
Lee, Murray B., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Teapot or similar article	38,093	June 19	122	2638
Lee, Murray B., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Handle for spoons, forks, or similar articles	38,364	Dec. 18	125	2328
Lehigh Manufacturing Company. (See Gibb, James R., assignor.)				
Leicester and Continental Mills Company. (See Brown, Everett H., assignor.)				
Leigh, Mary L., Norfolk, Va. Map	38,266	Oct. 2	124	1490
Lenox Incorporated <i>et al.</i> (See Holmes, Frank G., assignor.)				
Levy, Nathan B., Scranton, Pa. Charm	38,162	Aug. 14	123	2287
Lewis, Edward B., Pacific Grove, Cal. Lamp-shade	38,264	Oct. 2	124	1489
Lewis, Ralph C., Boston, Mass. Automobile-front casing	38,108	June 26	122	2958
Libbey Glass Company. (See Anderson, William C., assignor.)				
Libbey Glass Company. (See Spillane, Dennis F., assignor.)				
Lindner, Paul H. (See Evens and Lindner.)				
Linker, William. (See Alexander, George A., assignor.)				
Liphart, Cleaver M., Richmond, Va. Stove	38,172	Aug. 14	123	2289
Little, George, Denver, Colo. Work-table	38,149	July 31	123	1646
Little, Thomas J., Jr., assignor to Welsbach Light Company, Gloucester City, N. J. Inverted gas-burner	38,348	Dec. 11	125	2013
Lloyd, Henry W., New York, N. Y., assignor to F. C. Davidge & Co., Toronto, Canada. Wall-paper	38,173	Aug. 14	123	2289
Loshi, Jacob, Portland, Oreg. Lantern	37,856	Feb. 27	120	2711
Lossberg, Victor F. von, New York, N. Y., assignor to Gilbert and Barker Manufacturing Company, Springfield, Mass. Incandescent gas-burner	37,880	Mar. 6	121	287
Lyline, Anker S., and G. W. Baldwin, assignors to Bridgeport Brass Company, Bridgeport, Conn. Water-cooler or radiator-tube	38,369	Dec. 18	125	2329
Lyon, George C., Providence, R. I. Holder for soda-water tumblers	38,233	Sept. 11	124	598
MacMaster, James, assignor to International Conservatory of Music, Dallas, Tex. Music-indicator	37,854	Feb. 27	120	2711
MacCall, Benjamin F., Norfolk, Va. Badge-pin	38,299	Oct. 30	124	2861
Magee, Frank A., Wenham, assignor to Magee Furnace Company, Boston, Mass. Furnace	38,280	Oct. 9	124	1806
Magee, Frank A., Wenham, assignor to Magee Furnace Company, Boston, Mass. Stove	38,289	Oct. 16	124	2139
Magee Furnace Company. (See Magee, Frank A., assignor.)				
Manning, Bowman & Company. (See Gutermann, Edward A., assignor.)				
Manning, Bowman & Company. (See Savage, George E., assignor.)				
Markert, Franz, Altwasser, Germany, assignor to Ceramic Transfer Co. Plate	38,035	May 29	122	1681
Markert, Franz, Altwasser, Germany, assignor to Ceramic Transfer Co. Transfer-sheet	38,105	June 26	122	2957
Marten, William C., Carbondale, Ill. Badge	37,963	Apr. 24	121	2612

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Mason, Sidney, Philadelphia, Pa., assignor to Welsbach Light Company, Gloucester City, N. J. Incandescent gas-globe.	37,925	Mar. 27	121	1301
Mausser Manufacturing Co. (See Kolb, Gustave F., assignor.)				
Mayer, Moritz, New York, N. Y. Match-holder.	38,023	May 22	122	1347
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Telephone-switchboard casing.	38,027	May 22	122	1348
McClure, Felix, Centerville, R. I. Combination knife and fork.	38,292	Oct. 23	124	2494
McDougall, Charles P. (See Horner, William C., assignor.)				
McGraw, Walter E., Everett, Mass. Clock-support.	38,187	Aug. 21	123	2589
McIntyre, Frank, assignor to Eagle Pencil Company, New York, N. Y. Eraser-tip.	38,038	May 29	122	1682
McLean, Walter M., Pittsburg, Pa. Show-case.	37,934	Apr. 3	121	1624
McLouth, Lewis C., Ypsilanti, Mich. Vending-machine casing.	38,128	July 10	123	648
McMahon, Joseph M., Bracknridge, assignor to Tarentum Glass Company, Tarentum, Pa. Glass dish.	37,821	Feb. 13	120	2088
McNab, John S., assignor to W. & J. Sloane, New York, N. Y. Carpet.	37,912	Mar. 20	121	968
McNab, John S., assignor to W. & J. Sloane, New York, N. Y. Carpet.	37,913	Mar. 20	121	968
Meheisy, Edward, Jr., Salt Lake City, Utah. Spoon-handle.	37,867	Mar. 6	121	285
Mendel, Isidor, Cincinnati, Ohio. Trunk-trimming.	37,959	Apr. 17	121	2277
Merchant, Dalleth Z., Portsmouth, Va. Badge.	38,017	May 22	122	1346
Merchant, Dalleth Z., Portsmouth, Va. Badge.	38,087	June 19	122	2637
Merchant, Dalleth Z., Norfolk, Va. Textile fabric.	38,153	July 31	123	1646
Merchant, Dalleth Z., Norfolk, Va. Smoking-pipe.	38,164	Aug. 14	123	2287
Meredith, George M. and J. M., Jr., Norfolk, Va. Hat or stick pin.	38,126	July 10	123	647
Meredith, Jaquelin M., Jr. (See Meredith, George M. and J. M., Jr.)				
Merkle, Frank J., Zanesville, Ohio. Clay building-block.	37,811	Feb. 6	120	1766
Metal Stamping Company. (See Boeck, Charles H., assignor.)				
Meurer Bros. Co. (See Goddard, William B., assignor.)				
Meyers, Ernest, Taunton, Mass., assignor to Reed & Barton Corporation. Mount for silverware.	37,900	Mar. 20	121	966
Miller, August, Taunton, Mass., assignor to Reed & Barton Corporation. Mount for silverware.	38,163	Aug. 14	123	2287
Miller, August, Taunton, Mass., assignor to Reed & Barton Corporation. Spoon or fork.	38,184	Aug. 21	123	2559
Mischler, William, New York, assignor to F. H. and H. T. Webster, Brooklyn, N. Y. Bread-tray.	37,868	Mar. 6	121	285
Mission Gold Bond Co. (See Hertzmann, Siegmund, assignor.)				
Mitchell, Charles W., Brooklyn, N. Y. Box-strap.	38,039	May 29	122	1682
Moffitt, William H., Lexington, N. C. Combined comb and brush rack.	38,344	Dec. 11	125	2012
Moon, William J., Bristol, England. Sweetmeat-receptacle.	38,315	Nov. 20	125	960
Mundheim, Samuel, Brooklyn, N. Y. Hat.	38,031	May 22	122	1348
Mushner, Louis M., assignor to Geisman & Mushner, New York, N. Y. Embossed fabric.	38,060	June 5	122	2022
Myers, Phineas B., Morristown, N. J. Paper box.	37,862	Feb. 27	120	2712
Mygatt, Otis A., New York, N. Y. Reflector for artificial lights.	37,808	Feb. 6	120	1765
Mygatt, Otis A., New York, N. Y. Illuminator.	37,809	Feb. 6	120	1765
Mygatt, Otis A., New York, N. Y. Reflector of prismatic glass.	37,812	Feb. 6	120	1766
Mygatt, Otis A., New York, N. Y. Reflector of prismatic glass.	37,813	Feb. 6	120	1766
Mygatt, Otis A., New York, N. Y. Illuminator.	37,824	Feb. 13	120	2089
Mygatt, Otis A., New York, N. Y. Illuminator.	37,825	Feb. 13	120	2089
Mygatt, Otis A., New York, N. Y. Reflector for incandescent electric lamps.	37,832	Feb. 20	120	2391
Mygatt, Otis A., New York, N. Y. Reflector for incandescent electric lamps.	37,833	Feb. 20	120	2391
Mygatt, Otis A., New York, N. Y. Reflector for incandescent electric lamps.	37,834	Feb. 20	120	2392
Mygatt, Otis A., New York, N. Y. Reflector for incandescent electric lamps.	37,835	Feb. 20	120	2392
Mygatt, Otis A., New York, N. Y. Illuminator.	37,924	Mar. 27	121	1301
Mygatt, Otis A., New York, N. Y. Illuminator.	37,946	Apr. 10	121	1930
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector.	37,960	Apr. 17	121	2278
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector.	37,961	Apr. 17	121	2278
Mygatt, Otis A., New York, N. Y. Reflector.	37,967	Apr. 24	121	2613
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector for artificial lights.	37,981	May 1	122	300
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector for artificial lights.	37,982	May 1	122	301
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector.	37,983	May 1	122	301
Mygatt, Otis A., New York, N. Y. Glass reflector.	37,984	May 1	122	301
Mygatt, Otis A., New York, N. Y. Reflector.	37,985	May 1	122	301
Mygatt, Otis A., New York, N. Y. Incandescent-electric-lamp bulb.	38,005	May 8	122	679
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector.	38,006	May 8	122	679
Mygatt, Otis A., New York, N. Y. Prismatic-glass reflector.	38,026	May 22	122	1347
National Casket Co. (See Wetmore, Clayton F., assignor.)				
Nehr, Herman F., New York, N. Y. Rosary.	37,875	Mar. 6	121	285
Neveil, Isaiah, Haverhill, Mass. Water receptacle or bottle.	37,907	Mar. 20	121	967
Newman, Abraham A., Chicago, Ill. Clock-case.	38,377	Dec. 18	125	2330
Noe, William R. (See Geraghty, John F., assignor.)				
Noke, Charles J., Stoke-upon-Trent, England, assignor to W. S. Pitcairn, New York, N. Y. Jug or similar article.	38,051	June 5	122	2022
Noke, Charles J., Stoke-upon-Trent, England, assignor to W. S. Pitcairn, New York, N. Y. Jug or similar article.	38,052	June 5	122	2022
Noke, Charles J., Stoke-upon-Trent, England, assignor to W. S. Pitcairn, New York, N. Y. Jug or similar article.	38,053	June 5	122	2022
Noke, Charles J., Stoke-upon-Trent, England, assignor to W. S. Pitcairn, New York, N. Y. Jug or similar article.	38,234	Sept. 11	124	598
Nothe, George F., Evansville, Ind. Tea-shelf.	38,347	Dec. 11	125	2012
Northwestern Register Company. (See Whiting, Samuel E., assignor.)				
Novak, Frank J., South Omaha, Nebr. Collar.	37,863	Feb. 27	120	2712
Numan, Charles H., New York, N. Y. Inkstand.	38,102	June 26	122	2956
Numan, Charles H., New York, N. Y. Inkstand.	38,186	Aug. 21	123	2589
Olson, Hans, Hibbing, Minn. Supporting-base for Christmas trees.	38,169	Aug. 14	123	2288
Onondaga Pottery Company. (See Robineau, Adelaide A., assignor.)				
Osborne, Charles, New York, N. Y., assignor, by mesne assignments, to Carnegie Hero Fund Commission, Pittsburg, Pa. Medal or similar article.	38,343	Dec. 11	125	2011
Oswald, Karl, Jr., and G. Goerk, Newark, N. J. Bag-frame.	38,254	Sept. 25	124	1178
Owen China Company. (See Owen, Edward J., assignor.)				
Owen, Edward J., assignor to Owen China Company, Minerva, Ohio. Plate.	37,903	Mar. 20	121	967
Owens, John, Wheeling, W. Va., assignor to Imperial Glass Company, Bellaire, Ohio. Glass vessel.	38,012	May 15	122	994
Palmer, Isaac E., Middletown, Conn. Hammock.	38,151	July 31	123	1646
Palmer, Isaac E., Middletown, Conn. Hammock.	38,354	Dec. 11	125	2014
Papin, Alfred F., Yonkers, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,109	June 26	122	2958
Papin, Alfred F., Yonkers, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,110	June 26	122	2958
Parker, Susie D., Macon, Ga. Badge.	38,048	June 5	122	2020
Parsons, George W., Richmond, Va. Watch-fob.	38,322	Nov. 27	125	1307
Patchogue Manufacturing Co. (See Browne, Harold, assignor.)				
Pattee, Herbert H., New York, N. Y. Body of cars or floats.	38,171	Aug. 14	123	2289
Paulowicz, Henry, Chicago, Ill. Cake-stand.	38,140	July 31	123	1644

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Paye, Charles T., North Attleboro, Mass., assignor, by mesne assignments, to C. W. Ernsting, San Diego, Cal. Handle for spoons, forks, and similar articles.	37,991	May 8	122	675
Peerless Kitchen Boiler & Supply Co. (See Chisholm, D. Hewitt, assignor.)				
Perry, Charles B., Herkimer, N. Y. Shoe.	38,150	July 31	123	1646
Peters, Charles H. T., Baltimore, Md. Delivery-wagon body.	38,009	May 8	122	680
Peterson, John, Buffalo, N. Y. Tablet or lozenge.	37,874	Mar. 6	121	285
Petty, Horace G., Fort Collins, Colo. Spoon or fork or similar article.	38,300	Oct. 30	124	2861
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,814	Feb. 6	120	1766
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,815	Feb. 6	120	1766
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,816	Feb. 6	120	1766
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,845	Feb. 20	120	2394
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,846	Feb. 20	120	2394
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,847	Feb. 20	120	2394
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,986	May 1	122	302
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	37,987	May 1	122	302
Pfeil, Charles H., Chicago, Ill. Ring.	38,111	July 3	123	308
Phi Kappa Sigma Fraternity. (See Bower, Frank B., assignor.)				
Phubin, Mary A., Pittsburg, Pa. Burse.	38,089	June 19	122	2637
Phillips, Robert F., Carrick, Pa. Car-wheel.	38,228	Sept. 4	124	296
Phoenix Glass Company. (See Terry, Ernest D., assignor.)				
Pick, Albert, Chicago, Ill. Goblet.	37,917	Mar. 27	121	1300
Pilkington Brothers. (See Pilkington, William W., assignor.)				
Pilkington, William W., Prescott, assignor to Pilkington Brothers Limited, St. Helens, England. Sheet-glass.	37,953	Apr. 10	121	1932
Pitcairn, William S. (See Grindley, William H., assignor.)				
Pitcairn, William S. (See Noke, Charles J., assignor.)				
Pitcairn, William S. (See Slater, John, assignor.)				
Pitts, Walter C., Philadelphia, Pa., assignor to Victor Talking Machine Company. Cabinet for talking-machines.	38,113	July 3	123	308
Podmore, Henry, assignor to Trenton Potteries Company, Trenton, N. J. Lavatory.	38,007	May 8	122	679
Pollock, Calvin J. (See Pollock, Frederick W., assignor.)				
Pollock, Frederick W., assignor of one-half to C. J. Pollock, Seattle, Wash. Emblem.	38,219	Sept. 4	124	296
Porter, Henry K., Chelsea, Mass. Cutter-lever handle.	37,826	Feb. 13	120	2089
Porter, Richard A., Patchogue, N. Y. Badge.	37,817	Feb. 13	120	2088
Prior, Charles M., New York, N. Y., assignor to International Silver Co., Meriden, Conn. Handle for spoons, forks, or similar articles.	37,931	Apr. 3	121	1623
Probst, William G., Louisville, Ky. Kitchen-sink.	38,265	Oct. 2	124	1490
Quaintance, Elsworth E., Denver, Colo. Toy figure.	38,334	Dec. 4	125	1666
R. Wallace & Sons Mfg. Co. (See Allen, Charles E., assignor.)				
R. Wallace & Sons Mfg. Co. (See Hillbom, Henric.)				
R. Wallace & Sons Mfg. Co. (See Leete, Murray B., assignor.)				
Reach, George A., Philadelphia, Pa. Sign.	38,294	Oct. 23	124	2494
Reed & Barton Corporation. (See Bennett, Charles A., assignor.)				
Reed & Barton Corporation. (See Meyers, Ernest, assignor.)				
Reed & Barton Corporation. (See Miller, August, assignor.)				
Reinhard, Frederick, Jersey City, N. J., and P. Genchi, New York, N. Y. Harp.	38,242	Sept. 18	124	878
Rhoads, William M., Denver, Colo. Book-cover.	37,976	May 1	122	300
Rice, Louis W., New York, N. Y. Candlestick.	38,259	Oct. 2	124	1488
Richardson, Benjamin A., Jr., Norfolk, Va. Badge.	38,269	Oct. 9	124	1803
Richardson, Benjamin A., Jr., Norfolk, Va. Badge.	38,330	Dec. 4	125	1665
Ridgely, Henry D., assignor to Eli Lilly & Company, Indianapolis, Ind. Bottle.	38,221	Sept. 4	124	296
Ridgway, James V., Summit, N. J. Fob-plate.	38,382	Dec. 25	125	2723
Riker Bros. (See Hurd, Charles S., assignor.)				
Robin, Joseph T., New York, N. Y. Show-case.	38,058	June 5	122	2022
Robineau, Adelaide A., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or dish.	37,889	Mar. 13	121	644
Rogers, Cephas B., Danbury, Conn. Inkstand.	37,941	Apr. 10	121	1929
Roiné, Jules E., New York, N. Y., assignor to Western Clock Manufacturing Company, La Salle, Ill. Clock-frame.	38,260	Oct. 2	124	1489
Roiné, Jules E., New York, N. Y., assignor to Western Clock Manufacturing Company, La Salle, Ill. Clock-frame.	38,261	Oct. 2	124	1489
Rooney, Margaret M. J., New York, N. Y. Crumb-tray.	37,795	Jan. 23	120	1138
Rooney, Margaret M. J., New York, N. Y. Crumb-tray.	38,037	May 29	122	1682
Rose, Arthur M., assignor to W. & J. Sloane, New York, N. Y. Carpet.	37,910	Mar. 20	121	968
Rosenbluth, Edwin M., Philadelphia, Pa. Lamp-body.	38,133	July 24	123	1276
Rosenbluth, Edwin M., Philadelphia, Pa. Lamp-body.	38,134	July 24	123	1276
Rothschild, Meyer, et al. (See Wolf, William J., assignor.)				
Rudolph, Frank, Chicago, Ill., assignor to American Can Company, New York, N. Y. Sheet-metal display-can.	38,170	Aug. 14	123	2289
Ruettgers, Ernst, New York, N. Y. Nail-file.	37,988	May 8	122	675
Rushton, Elmer T. (See Carr and Rushton.)				
Safety Car Heating & Lighting Company. (See Dixon, Robert M., assignor.)				
Safety Car Heating & Lighting Company. (See Schepmoes, Lindsley, assignor.)				
Sanford, Andrew J., assignor to A. H. Heisey & Co., Incorporated, Newark, Ohio. Glass dish.	38,200	Aug. 28	123	2949
Sanford Day Iron Works. (See Thiem, Rudolph, assignor.)				
Sargent & Company. (See Stevens, William E., assignor.)				
Sargent, Willis H., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Scale-supporting stand.	38,024	May 22	122	1347
Savage, George E., assignor to Manning, Bowman & Company, Meriden, Conn. Beverage-percolator.	38,071	June 12	122	2336
Savage, George E., assignor to Manning, Bowman & Company, Meriden, Conn. Cover for dishes.	38,285	Oct. 16	124	2138
Savage, Kemp E., Norfolk, Va. Watch-charm or similar article.	38,331	Dec. 4	125	1665
Schaafl, Albert E., Toledo, Ohio. Frame of radiators for automobiles.	37,881	Mar. 6	121	287
Schaafl, Albert E., and H. G. Fiske, Toledo, Ohio. Dash for automobiles.	38,096	Jan. 19	122	2639
Schaefer, Casper, Cambridge City, Ind. Gas-stove.	38,304	Oct. 30	124	2862
Schehr, George A., Cincinnati, Ohio. Drop-handle.	37,935	Apr. 3	121	1624
Schenker, Francis, assignor to Vincennes Novelty Manufacturing Company, Vincennes, Ind. Condiment-holder.	37,779	Jan. 9	120	613
Schepmoes, Lindsley, New York, N. Y., assignor to Safety Car Heating & Lighting Company. Lamp-case.	37,966	Apr. 24	121	2613
Schickerling, Alfred, assignor to Schickerling Brothers & Company, New York, N. Y. Card-case or similar article.	37,788	Jan. 16	120	876
Schickerling Brothers & Company. (See Schickerling, Alfred, assignor.)				
Schlegel, Charles P., Rochester, N. Y. Ribbon.	37,884	Mar. 6	121	287
Schlegel, Charles P., Rochester, N. Y. Ribbon.	37,885	Mar. 6	121	288
Schlegel, Charles P., Rochester, N. Y. Ribbon.	37,886	Mar. 6	121	288
Schmiedel, George E. C., Brooklyn, N. Y. Woven fabric.	38,198	Aug. 28	123	2949
Schutz, Joseph M., Minneapolis, Minn. Incense-burner.	38,142	July 31	123	1644
Schwab, Emanuel, New York, N. Y. Glass cigar and ash tray.	37,977	May 1	122	300

Alphabetical list of patents of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Schwab, Emanuel, New York, N. Y. Glass cigar and ash tray.....	38,072	June 12	122	2336
Scovill Manufacturing Company. (See Goss, John H., assignors.)				
Shaw, Ora D., Boston, Mass. Cap.....	38,125	July 3	123	310
Sheble, Horace, assignor to Hawthorne and Sheble Manufacturing Company, Philadelphia, Pa. Horn for talking-machines.....	38,106	June 26	122	2957
Shepard, Chester B., Melrose, Mass., assignor to G. E. Feagans, Joliet, Ill. Handle for spoons, forks, or similar articles.....	37,932	Apr. 3	121	1623
Sherrill, Henry W., New York, N. Y. Scarf-pin or similar article.....	38,291	Oct. 23	124	2494
Sherwood, Calder S., Jr., Portsmouth, Va. Badge.....	38,218	Sept. 4	124	296
Shultz, Albert B., assignor of one-half to H. H. Hewitt, Buffalo, N. Y. Automobile engine-hood and seat-support.....	38,044	May 29	122	1683
Shuman, Frank, Philadelphia, Pa., assignor to Continuous Glass Press Company. Sheet-glass.....	37,803	Jan. 30	120	1438
Shure, Nathan, Chicago, Ill. Cane-bag.....	38,131	July 24	123	1276
Silverman, Joseph, Chicago, Ill. Chair-back.....	38,279	Oct. 9	124	1805
Simmons Hardware Company. (See Douglas, Archer W., assignor.)				
Simons Brother & Company. (See Weihman, Henry A., assignor.)				
Simons, Orrin W., New York, N. Y. Font of printing-type.....	38,015	May 15	122	994
Slater, John, Brown Edge, Stoke-upon-Trent, England, assignor to W. S. Pitcairn, New York, N. Y. Jug or similar article.....	38,054	June 5	122	2021
Smith, Charles, assignor to Charles Smith Company, Chicago, Ill. Heating-furnace front.....	37,927	Mar. 27	121	1301
Smith, Joseph J., New York, N. Y. Humidifier-casing.....	38,107	June 26	122	2957
Smith, Sidney, Bridgeport, Conn. Handle for forks, spoons, and similar articles.....	37,850	Feb. 27	120	2710
Smith, William C., New York, N. Y., assignor to Celluloid Company. Hair-comb.....	37,979	May 1	122	300
Smith, William T., Philadelphia, Pa. Rug.....	38,333	Dec. 4	125	1666
Sommer, John L., Newark, N. J. Envelop-opener.....	38,192	Aug. 28	123	2048
Sovereign Grand Lodge of the Independent Order of Odd Fellows. (See Goodwin, John B., assignor.)				
Spillane, Dennis F., assignor to Libbey Glass Company, Toledo, Ohio. Cut-glass vessel.....	38,001	May 8	122	678
Spillane, Dennis F., assignor to Libbey Glass Company, Toledo, Ohio. Cut-glass vessel.....	38,002	May 8	122	678
Spooner, Ralph P., assignor to Barton & Spooner, Cornwall-on-the-Hudson, N. Y. Wooden mug.....	37,902	Mar. 20	121	966
Springfield Metallic Casket Company. (See Allen, Francis K., assignor.)				
Springfield Metallic Casket Company. (See Cleff, Ernest, assignor.)				
St. Hoar, Samuel S., Kansas City, Mo. Combined heating and illuminating device.....	38,349	Dec. 11	125	2013
St. Hoar, Samuel S., Kansas City, Mo. Combined heating and illuminating device.....	38,350	Dec. 11	125	2013
Stachowski, Kasimir, Chicago, Ill. Society badge or button.....	37,804	Feb. 6	120	1764
Stanley Rule and Level Company. (See Wood, George E., assignor.)				
Stanton, Morris E., assignor to F. & N. Lawn Mower Company, Richmond, Ind. Lawn-mower casing.....	38,336	Dec. 4	125	1666
Stanton, Morris E., assignor to F. & N. Lawn Mower Company, Richmond, Ind. Lawn-mower casing.....	38,337	Dec. 4	125	1667
Stanton, Morris E., assignor to F. & N. Lawn Mower Company, Richmond, Ind. Lawn-mower casing.....	38,338	Dec. 4	125	1667
Stanton, Morris E., assignor to F. & N. Lawn Mower Company, Richmond, Ind. Lawn-mower casing.....	38,339	Dec. 4	125	1667
Stanton, Morris E., assignor to F. & N. Lawn Mower Company, Richmond, Ind. Lawn-mower casing.....	38,340	Dec. 4	125	1667
Stanton, Morris E., assignor to F. & N. Lawn Mower Company, Richmond, Ind. Lawn-mower casing.....	38,341	Dec. 4	125	1668
Stavehagen, Wilhelm, Weehawken, N. J. Hand-bag frame.....	37,830	Feb. 20	120	2391
Steenbeck, Paul W., New Haven, Conn., assignor to Electric Vehicle Company, Jersey City, N. J. Automobile-body.....	37,928	Mar. 27	121	1302
Steenbeck, Paul W., New Haven, Conn., assignor to Electric Vehicle Company, Jersey City, N. J. Automobile-body.....	37,929	Mar. 27	121	1302
Steinmeier, Joseph E., New York, N. Y., assignor to Western Clock Manufacturing Company, La Salle, Ill. Clock-frame.....	38,345	Dec. 11	125	2012
Sterling, Charles O., Washington, D. C. Whip-socket for automobiles.....	37,951	Apr. 10	121	1931
Sternau & Company, S. (See Lattin, Albert N., assignor.)				
Stevens, William E., assignor to Sargent & Company, New Haven, Conn. Casket-trimming.....	37,970	Apr. 24	121	2614
Stevens, William E., assignor to Sargent & Company, New Haven, Conn. Casket-trimming.....	38,084	June 12	122	2338
Stevens, William E., assignor to Sargent & Company, New Haven, Conn. Casket-trimming.....	38,389	Dec. 25	125	2724
Stewart, Robert J. (See Chambers and Stewart.)				
Stockstrom, Louis, St. Louis, Mo. Gas-stove.....	37,926	Mar. 27	121	1301
Stone, Howard A., assignor to A. M. Collins Manufacturing Company, Philadelphia, Pa. Card-mount.....	37,945	Apr. 10	121	1930
Straker, Herbert J., North Attleboro, Mass., assignor to Webster Company. Back for brushes, mirrors, or similar articles.....	37,849	Feb. 27	120	2710
Straus & Sons, L. (See Davies, Benjamin F., assignor.)				
Strothaker, Gustave, Wallingford, assignor to International Silver Co., Meriden, Conn. Handle for a spoon, fork, or similar article.....	38,232	Sept. 11	124	598
Sturdevant, Thomas K., Wilkes-Barre, Pa. Flag.....	38,088	June 19	122	2637
T. E. Bennett Company. (See Field, Alma C., assignor.)				
T. F. Phillips Co. (See Brielmaier, John E., assignor.)				
Tarentum Glass Company. (See McMahon, Joseph M., assignor.)				
Tea Tray Company. (See Becroft, Clement, assignor.)				
Tea Tray Company. (See Eichhorn, Charles J., assignor.)				
Terry, Ernest D., New York, N. Y., assignor to Phoenix Glass Company, Pittsburg, Pa. Lamp-shade.....	38,311	Nov. 13	125	619
Teubner, Bruno, New York, N. Y. Rosary.....	37,876	Mar. 6	121	286
Thiem, Rudolph, Hamilton, Ohio, assignor to Sanford Day Iron Works, Knoxville, Tenn. Stove.....	37,933	Apr. 3	121	1623
Thomas, Edwin R., and J. R. Koen, assignors to E. R. Thomas Motor Company, Buffalo, N. Y. Automobile-body.....	37,774	Jan. 2	120	297
Thomas Maddock's Sons Company. (See Kelly, John F., assignor.)				
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Heating-stove.....	38,370	Dec. 18	125	2329
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Heating-stove.....	38,371	Dec. 18	125	2329
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Heating-stove.....	38,372	Dec. 18	125	2329
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove or range.....	38,373	Dec. 18	125	2330
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove or range.....	38,374	Dec. 18	125	2330
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove or range.....	38,375	Dec. 18	125	2330
Thompson, William, Kalamazoo, G. W. Cope and W. L. Bertram, Detroit, assignors to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove or range.....	38,376	Dec. 18	125	2330
Thrash, William E., St. Louis, Mo., assignor to International Conservatory of Music, Dallas, Tex. Music-indicator.....	38,226	Sept. 4	124	297
Thuemler, Hugo, Pittsburg, Pa. Drinking-tumbler.....	38,003	May 8	122	678

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
			Vol.	Page.
Timmins, Florence E., Shelby, Nebr. Toy whip.....	38,325	Nov. 27	125	1308
Tomlinson, Anne E., New York, N. Y. Lady's belt.....	37,969	Apr. 24	121	2614
Tower, John J., Montclair, N. J. Tool-handle.....	37,920	Mar. 27	121	1300
Tower, John J., Montclair, N. J. Tool-handle.....	37,921	Mar. 27	121	1301
Tower, John J., Montclair, N. J. Tool-handle.....	37,922	Mar. 27	121	1301
Tower, John J., Montclair, N. J. Tool-handle.....	37,923	Mar. 27	121	1301
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,992	May 8	122	676
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,993	May 8	122	676
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,994	May 8	122	676
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,995	May 8	122	676
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,996	May 8	122	677
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,997	May 8	122	677
Tower, John J., Montclair, N. J. Handle of screw-drivers or similar articles.....	37,998	May 8	122	677
Traute, Henry C., New York, N. Y. Case for vending-machines.....	37,857	Feb. 27	120	2711
Traute, Henry C., New York, N. Y. Case for vending-machines.....	37,858	Feb. 27	120	2711
Traute, Henry C., New York, N. Y. Case for vending-machines.....	37,859	Feb. 27	120	2712
Trenton Potteries Company. (See Podmore, Henry, assignor.)				
United Drug Company. (See Knight, Olin C., assignor.)				
Van Rensselaer, Florence, Swartswood, N. J. Hat.....	38,016	May 15	122	994
Vandergaw, Edward B., Brooklyn, N. Y. Printed textile fabric.....	37,843	Feb. 20	120	2393
Vandergaw, Edward B., Brooklyn, N. Y. Printed textile fabric.....	37,844	Feb. 20	120	2393
Vandergaw, Edward B., Brooklyn, N. Y. Printed textile fabric.....	37,898	Mar. 13	121	646
Vandergaw, Edward B., Brooklyn, N. Y. Printed textile fabric.....	37,930	Mar. 27	121	1302
Vandergaw, Edward B., Brooklyn, N. Y. Printed textile fabric.....	37,962	Apr. 17	121	2278
Victor Talking Machine Company. (See Pitts, Walter C., assignor.)				
Vincennes Novelty Manufacturing Company. (See Schenker, Francis, assignor.)				
Voight, Albert G., East Orange, N. J. Tiling.....	38,252	Sept. 25	124	1177
W. & J. Sloane. (See Jacobs, Winthrop L., assignor.)				
W. & J. Sloane. (See McNab, John S., assignor.)				
W. & J. Sloane. (See Rose, Arthur M., assignor.)				
Wagner, Louis C., New York, N. Y. Cigar-band.....	37,872	Mar. 6	121	285
Wagner, Louis C., New York, N. Y. Cigar-band.....	37,873	Mar. 6	121	285
Wagner, Louis C., New York, N. Y. Cigar-band.....	37,964	Apr. 24	121	2612
Waite, Charles M., New York, N. Y. Badge.....	37,864	Mar. 6	121	284
Waldeck, Carl E., Wayne, assignor to H. Eldridge and J. C. Young, Jersey City, N. J. Globe-support.....	38,073	June 12	122	2336
Walsh, Arthur Q., New York, N. Y. Ash-tray.....	37,770	Jan. 2	120	296
Walther & Company. (See Walther, Frank O., assignor.)				
Walther, Frank O., assignor to Walther & Company, New York, N. Y. Wrapping-paper.....	37,775	Jan. 2	120	298
Waterbury, Milton O. (See Dake, Walter M., assignor.)				
Waterhouse, Henry C. (See Lee, Arthur, assignor.)				
Watkins, Howard E., assignor to Enos Company, New York, N. Y. Backpiece for lighting-fixtures.....	38,141	July 31	123	1645
Watkins, Howard E., assignor to Enos Company, New York, N. Y. Backpiece for lighting-fixtures.....	38,145	July 31	123	1645
Watkins, Howard E., assignor to Enos Company, New York, N. Y. Backpiece for lighting-fixtures.....	38,146	July 31	123	1645
Watkins, Howard E., assignor to Enos Company, New York, N. Y. Backpiece for lighting-fixtures.....	38,147	July 31	123	1645
Watkins, Howard E., assignor to Enos Company, New York, N. Y. Backpiece for lighting-fixtures.....	38,148	July 31	123	1645
Webster Company. (See Keller, Sidney A., assignor.)				
Webster Company. (See Straker, Herbert J., assignor.)				
Webster, Edward T., Milwaukee, Wis. Earthenware closet-bowl.....	37,807	Feb. 6	120	1765
Webster, Frederick H., <i>et al.</i> (See Mischler, William, assignor.)				
Webster, Hawley T., <i>et al.</i> (See Mischler, William, assignor.)				
Weeden, Walter L., Somerville, assignor to C. A. Lancaster, Merrimac, Mass. Carriage-plate.....	38,114	July 3	123	308
Weeks, Frank A., Plainfield, N. J. Fountain-pen holder.....	37,978	May 1	122	300
Weeks, Frank A., Plainfield, N. J. Fountain-pen-holding receptacle.....	38,049	June 5	122	2020
Weihman, Henry A., assignor to Simons Brother & Company, Philadelphia, Pa. Sugar-tongs.....	38,383	Dec. 25	125	2723
Welsbach Light Company. (See Little, Thomas J., Jr., assignor.)				
Welsbach Light Company. (See Mason, Sidney, assignor.)				
West, George R., Pittsburg, Pa. Glass receptacle.....	37,851	Feb. 27	120	2710
Western Clock Company. (See Ehrle, Edward, assignor.)				
Western Clock Manufacturing Company. (See Kollstedt, Alfred G., assignor.)				
Western Clock Manufacturing Company. (See Roiné, Jules E., assignor.)				
Western Clock Manufacturing Company. (See Steinmeier, Joseph E., assignor.)				
Western Electric Company. (See McBerty, Frank R., assignor.)				
Wetmore, Clayton F., Jersey City, N. J., assignor to National Casket Co., New York, N. Y. Casket, coffin, or similar article.....	38,059	June 5	122	2022
Whisler, Arrah, assignor to Goshen Rubber Works, Goshen, Ind. Rubber matting.....	38,238	Sept. 11	124	599
Whiting, Samuel E., assignor to Northwestern Register Company, Port Huron, Mich. Register-holding frame.....	38,127	July 10	123	647
Whitney, Junius P., Tyler, Tex. Badge.....	38,257	Oct. 2	124	1488
Whittall, Matthew J. (See Haas, Frank A., assignor.)				
Wiesler, William, Cleveland, Ohio. Hanging flower-pot.....	38,004	May 8	122	679
Wilkins, Charles H., Norfolk, Va. Badge.....	38,313	Nov. 20	125	959
Wilkins, Charles H., Norfolk, Va. Badge.....	38,314	Nov. 20	125	959
Willcox, Junius R., Norfolk, Va. Badge.....	38,270	Oct. 9	124	1804
Willenbrink, Fritz, Augusta, Mo. Christmas crib.....	38,050	June 5	122	2020
William H. Saart Company. (See Keller, Sidney A., assignor.)				
Williams, Adam C., Ravenna, Ohio. Toy bank.....	38,165	Aug. 14	123	2288
Williamson, Jacob, Chicago, Ill. Dish.....	38,249	Sept. 25	124	1177
Wilson, Albert M., assignor of one-half to B. L. Brown, Philadelphia, Pa. Name and number plate.....	38,201	Aug. 28	123	2950
Wintermann, Rudolph, St. Louis, Mo. Jar.....	38,167	Aug. 14	123	2288
Wisniewski, Antoni, Buffalo, N. Y. Badge.....	37,954	Apr. 17	121	2277
Wolf, Frederick J., Bucyrus, Ohio. Game-board.....	37,796	Jan. 23	120	1138
Wolf, William J., assignor to M. Rothschild and R. Kuno, New York, N. Y. Button.....	38,135	July 31	123	1644
Wolf, William J., assignor to M. Rothschild and R. Kuno, New York, N. Y. Button.....	38,136	July 31	123	1644
Wolfstein, Edward, assignor to American Thermo-Ware Company, New York, N. Y. Barometer-case.....	37,919	Mar. 27	121	1300
Wood, George E., Plantsville, assignor to Stanley Rule and Level Company, New Britain, Conn. Tool-handle.....	37,896	Mar. 13	121	646
Wood, Henry A., East Orange, N. J. Game-board.....	38,378	Dec. 18	125	2331
Woodbury, James H., Somerville, Mass. Handle for shoe-trees.....	38,286	Oct. 16	124	2138
Woodside Sterling Company. (See Keller, Sidney A., assignor.)				
Wyman, George R., assignor to F. W. Bird & Son, East Walpole, Mass. Nail cap-plate.....	38,351	Dec. 11	125	2013
Wyman, George R., assignor to F. W. Bird & Son, East Walpole, Mass. Nail cap-plate.....	38,352	Dec. 11	125	2013
Young, James C., <i>et al.</i> (See Waldeck, Carl E., assignor.)				
Ziegler, Charles E., Limoges, France. Plate.....	37,794	Jan. 23	120	1137
Zipp, John, Chattanooga, Tenn., assignor to Cahill Iron Works. Washbasin.....	37,957	Apr. 17	121	2277

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Volume.	Page.
A. Baldwin & Co. Limited, New Orleans, La. Plows	50,580	Mar. 27	121	1335
A. Baldwin & Co. Limited, New Orleans, La. Blades for knives and razors	54,696	June 26	122	3006
A. Baldwin & Co., Ltd., New Orleans, La. Cook-stoves, heating-stoves, and ranges	49,897	Feb. 20	120	2437
A. Bauer & Co., Inc., Chicago, Ill. Whisky	55,652	Aug. 21	123	2612
A. Booth and Company, Chicago, Ill.; Baltimore, Md.; St. Paul, Duluth, and Minneapolis, Minn.; St. Louis, Mo.; Louisville, Ky.; Omaha, Nebr.; Indianapolis, Ind., and Port Arthur, Canada. Canned oysters, fish, clams, crabs, shrimp, and lobsters	50,030	Feb. 27	120	2749
A. Breslauer Company, Milwaukee, Wis. Gin	55,306	Aug. 14	123	2300
A. Breslauer Company, Milwaukee, Wis. Whisky	56,480	Sept. 25	124	1203
A. Breslauer Company, Milwaukee, Wis. Whisky	58,053	Dec. 4	125	1693
A. Breslauer Company, Milwaukee, Wis. Whisky	58,054	Dec. 4	125	1693
A. Breslauer Company, Milwaukee, Wis. Tonic	58,937	Dec. 25	125	2758
A. Dougherty, New York, N. Y. Playing-cards	49,426	Feb. 6	120	1815
A. Graf Distilling Co., St. Louis, Mo. Whisky	55,256	Aug. 14	123	2299
A. Herbert Woolley & Co., Nottingham, England. Silk hair-nets	48,970	Jan. 16	120	898
A. Klipstein & Company, New York, N. Y. Cake-soap	49,025	Jan. 23	120	1155
A. Klipstein & Company, New York, N. Y. Quebracho extract	50,031	Feb. 27	120	2749
A. Klipstein & Company, New York, N. Y. Cake-soap	51,694	Apr. 24	121	2650
A. Leschen & Sons Rope Co., St. Louis, Mo. Wire ropes	49,139	Jan. 23	120	1160
A. Marymont Company, Detroit, Mich. Whisky	58,877	Dec. 25	125	2756
A. Priemeyer Shoe Co., Jefferson City, Mo. Leather boots and shoes	52,708	May 15	122	1037
A. Santaella & Co., Chicago, Ill. Cigars	51,391	Apr. 17	121	2312
A. Santaella & Co., Chicago, Ill. Cigars	51,392	Apr. 17	121	2312
A. Santaella & Co., Chicago, Ill. Cigars	51,393	Apr. 17	121	2312
A. Schoenhut Company, Philadelphia, Pa. Toys and toy-circus equipment	55,653	Aug. 21	123	2612
A. Slauson & Co., New York, N. Y. Lozenges	51,431	Apr. 17	121	2313
A. Slauson & Co., New York, N. Y. Lozenges	51,432	Apr. 17	121	2313
A. Slauson & Co., New York, N. Y. Lozenges	51,433	Apr. 17	121	2313
A. Slauson & Co., New York, N. Y. Lozenges	51,434	Apr. 17	121	2313
A. A. Berry Seed Company, Clarinda, Iowa. Popcorn	53,380	June 5	122	2047
A. A. Berry Seed Company, Clarinda, Iowa. Popcorn	53,381	June 5	122	2047
A. A. Berry Seed Company, Clarinda, Iowa. Popcorn	54,926	Aug. 7	123	1977
A. A. Wood & Sons Company, Atlanta, Ga. Machine for filing and gumming gin-saws	55,555	Aug. 14	123	2306
A. B. Clark Co., New York, N. Y. Sheep, kid, calf, and goat leather	53,265	May 29	122	1714
A. B. Clark Co., New York, N. Y. Sheep, calf, goat, and kid leather	54,052	June 19	122	2679
A. B. Clark Co., New York, N. Y. Kid leather made from sheep and goat skins	56,220	Sept. 4	124	313
A. B. Clark & Co., New York, N. Y. Sheep, calf, goat, and kid leather	54,053	June 19	122	2679
A. B. Patrick & Co., San Francisco, Cal. Harness, sole, and skirting leather	51,758	Apr. 24	121	2652
A. C. Lawrence Leather Co., Boston, Mass. Patent-leather	49,986	Feb. 27	120	2747
A. C. Lawrence Leather Co., Boston, Mass. Leather for boots and shoes	54,317	June 26	122	2990
A. C. Simmons Jr. Medicine Co., Sherman, Tex. Liver remedy	51,490	Apr. 17	121	2315
A. D. Granger Co., New York, N. Y. Water-tube boilers	53,654	June 12	122	2375
A. D. Kerr Co., Buffalo, N. Y. Whisky	51,113	Apr. 3	121	1670
A. D. Porter Company, New York, N. Y. Periodically-issued story-paper	52,842	May 22	122	1383
A. D. Porter Company, New York, N. Y. Periodically-issued magazine	56,221	Sept. 4	124	313
A. & E. Leather Goods Co., New York, N. Y. Leather purses and satchels	56,406	Sept. 25	124	1201
A. F. MacLaren Imperial Cheese Co., Limited, Toronto, Canada. Cheese, especially cream-cheese	52,563	May 15	122	1031
A. F. MacLaren Imperial Cheese Co., Limited, assignor to MacLaren Imperial Cheese Company, Ltd., Toronto, Ontario, Canada. Cheese	56,704	Oct. 16	124	2172
A. F. Young & Co., New York, N. Y.; Pittsburg, Pa., and Boston, Mass. Cantaloups	55,799	Aug. 21	123	2616
A. F. Young & Co., New York, N. Y.; Pittsburg, Pa., and Boston, Mass. Cantaloups	56,948	Oct. 23	124	2530
A. F. Young & Co., New York, N. Y.; Pittsburg, Pa., and Boston, Mass. Cantaloup-seed	57,955	Dec. 4	125	1691
A. G. Hyde & Sons, New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics	54,261	June 26	122	2988
A. G. Spalding & Bros., New York, N. Y. Base-ball bats	50,636	Mar. 27	121	1337
A. G. Spalding & Bros., New York, N. Y. Golf-balls	52,125	May 1	122	343
A. G. Spalding & Bros., New York, N. Y. Certain named sporting goods	56,429	Sept. 25	124	1201
A. G. Spalding & Bros., New York, N. Y. Certain named goods used in athletic games and sports	56,737	Oct. 16	124	2173
A. G. Spalding & Bros., New York, N. Y. Certain named goods used in athletic games and sports	56,738	Oct. 16	124	2173
A. G. Spalding & Brothers, New York, N. Y. Base-ball gloves and mitts	54,029	June 19	122	2678
A. H. Berry Shoe Company, Portland, Me. Women's leather shoes	49,179	Jan. 30	120	1467
A. H. Berry Shoe Company, Portland, Me. Leather boots and shoes	49,755	Feb. 13	120	2122
A. H. Heisey & Co., Inc., Newark, Ohio. Pressed or blown glassware	49,335	Jan. 30	120	1473
A. H. Heisey & Co., Inc., Newark, Ohio. Pressed glassware	50,121	Mar. 6	121	327
A. H. Herrick & Son, Watertown, N. Y. Wheat-flour	57,687	Nov. 27	125	1340
A. H. Lewis Medicine Co., St. Louis, Mo. Medicines for the regulation of the liver and purification of the blood	50,795	Mar. 27	121	1343
A. H. White Co., Ltd., New Orleans, La. Preservative paint	56,781	Oct. 16	124	2174
A. J. Bates Co., Webster, Mass. Leather shoes for ladies, men, and children	53,300	May 29	122	1715
A. J. Bates Co., Webster, Mass. Leather shoes for ladies, men, and children	53,371	June 5	122	2047
A. J. Houghton Co., Roxbury, Mass. Beer	55,869	Aug. 21	123	2618
A. J. Medlar Company, Limited, Philadelphia, Pa. Biscuits, crackers, and cakes	54,634	June 26	122	3003
A. J. Reach Co., Philadelphia, Pa. Base-balls	49,987	Feb. 27	120	2747
A. J. Reach Co., Philadelphia, Pa. Boxing-gloves	49,988	Feb. 27	120	2747
A. J. Reach Co., Philadelphia, Pa. Base-balls	50,637	Mar. 27	121	1337
A. J. Reach Co., Philadelphia, Pa. Dressing for softening and preserving leather	51,435	Apr. 17	121	2313
A. J. Reach Co., Philadelphia, Pa. Base, cricket, basket, and foot balls	51,825	Apr. 24	121	2655
A. J. Reach Co., Philadelphia, Pa. Certain named sporting goods	58,534	Dec. 18	125	2355
A. J. Reach Co., Philadelphia, Pa. Base-ball, boxing, and fencing gloves, bags, &c.	58,535	Dec. 18	125	2355
A. J. Reach Co., Philadelphia, Pa. Base-ball gloves	58,819	Dec. 25	125	2755
A. J. Tower Company, Portland, Me., and Boston, Mass. Waterproof hats	49,370	Feb. 6	120	1813
A. J. Tower Company, Portland, Me., and Boston, Mass. Oiled clothing	49,427	Feb. 6	120	1815
A. J. Tower Company, Portland, Me., and Boston, Mass. Oiled clothing	51,676	Apr. 24	121	2649

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
A. J. Tower Company, Portland, Me., and Boston, Mass. Oiled clothing.....	51,718	Apr. 24	121	2651
A. J. Tower Company, Portland, Me., and Boston, Mass. Oiled clothing of all kinds.....	51,719	Apr. 24	121	2651
A. J. Tower Company, Portland, Me., and Boston, Mass. Oiled clothing of all kinds.....	53,091	May 29	122	1707
A. J. Tower Company, Boston, Mass. Oiled clothing.....	49,700	Feb. 13	120	2120
A. J. Tower Company, Boston, Mass. Oiled clothing.....	50,709	Mar. 27	121	1340
A. J. Tower Company, Boston, Mass., and Portland, Me. Oiled clothing of all kinds.....	49,756	Feb. 13	120	2122
A. L. Joslin Company, Oxford, Mass. Boots and shoes made of leather.....	49,180	Jan. 30	120	1467
A. M. Collins Manufacturing Company, Philadelphia, Pa. Picture-frames.....	53,714	June 12	122	2377
A. M. McPhail Piano Co., Boston, Mass. Pianos.....	51,006	Apr. 3	121	1665
A. P. Hotaling & Co., San Francisco, Cal. Whisky.....	51,541	Apr. 17	121	2317
A. R. Champney Co., Elyria, Ohio. Carbonated tonic beverage.....	56,344	Sept. 11	124	620
A. V. Stuart & Co., San Jose, Cal. Olive-oil and olive-oil butter.....	55,800	Aug. 21	123	2616
A. W. Dodge Clothespin Manufacturing Company, Coudersport, Pa. Clothes-pins.....	56,705	Oct. 16	124	2172
A. W. Dodge Clothespin Manufacturing Company, Coudersport, Pa. Clothes-pins.....	56,739	Oct. 16	124	2173
A. Y. McDonald & Morrison Manufacturing Company, Dubuque, Iowa. Stop and waste cocks.....	50,601	Mar. 27	121	1336
Abbott Alkaloidal Co., Chicago, Ill. Medicinal tablets and granules.....	53,331	May 29	122	1716
Abbott Grocery Co., Keene, N. H. Canned vegetables and canned fruit.....	54,400	June 26	122	2993
Abbott Grocery Co., Keene, N. H. Canned vegetables and fruit.....	56,580	Oct. 9	124	1837
Abe, Edwin, Wapakoneta, Ohio. Cigars.....	56,810	Oct. 23	124	2527
Abe Stein Co., New York, N. Y. Cotton sheeting and drilling.....	54,540	June 26	122	2999
Abel Morrall, Limited, Redditch, England. Black-head pins.....	56,485	Oct. 2	124	1517
Abel Morrall, Limited, Redditch, England. Toilet-pins and glass-headed pins.....	58,432	Dec. 18	125	2353
Abel Morrall, Limited, Redditch, England. Bodkins and hand-sewing needles.....	58,461	Dec. 18	125	2353
Abernethy, James B., Clarksdale, Miss. Watches.....	54,804	July 31	123	1658
Abraham & Straus, New York, N. Y. Gloves.....	48,629	Jan. 9	120	647
Abraham & Straus, New York, N. Y. Corsets.....	48,973	Jan. 16	120	898
Abraham & Straus, New York, N. Y. Gloves.....	49,040	Jan. 23	120	1156
Abraham & Straus, New York, N. Y. Gloves.....	49,701	Feb. 13	120	2120
Abraham & Straus, Brooklyn, N. Y. Cigars.....	49,267	Jan. 30	120	1470
Abraham & Straus, Brooklyn, N. Y. Trunks, valises, and satchels.....	49,428	Feb. 6	120	1815
Abraham & Straus, Brooklyn, N. Y. Knit underwear.....	51,309	Apr. 10	121	1972
Abraham & Straus, Brooklyn, N. Y. Dolls.....	51,695	Apr. 24	121	2650
Abraham & Straus, Brooklyn, N. Y. Gloves.....	52,652	May 15	122	1035
Abraham & Straus, Brooklyn, N. Y. Canned and bottled vegetables, fruits, and jellies.....	56,949	Oct. 30	124	2895
Abraham & Straus, Brooklyn, N. Y. Watches, watchcases, watch-dials, and watchworks.....	58,209	Dec. 11	125	2040
Abrams, Julia, Flemingsburg, Ky. Remedy for the cure of epileptic fits.....	58,732	Dec. 25	125	2752
Acetylene Gas Illuminating Company, New York, N. Y. Calcium carbide.....	58,095	Dec. 4	125	1694
Acetylene Lamp Co., New York, N. Y. Lamps for generating and burning acetylene gas.....	55,959	Aug. 21	123	2620
Acker, Merrill & Condit Company, New York, N. Y. Tea.....	48,974	Jan. 16	120	898
Acker, Merrill & Condit Company, New York, N. Y. Tea.....	51,007	Apr. 3	121	1665
Acker, Merrill & Condit Company, New York, N. Y. Champagne.....	56,858	Oct. 23	124	2528
Ackermann & Goedecke, New York, N. Y. Silks.....	51,957	May 1	122	337
Acme Cement Plaster Co., St. Louis, Mo. Wall-plaster, plaster-of-paris, calcined plaster, and stucco.....	53,673	June 12	122	2376
Acme Cement Plaster Co., St. Louis, Mo. Wall-plaster, plaster-of-paris, calcined plaster, and stucco.....	53,674	June 12	122	2376
Acme Cement Plaster Co., St. Louis, Mo. Wall-plaster, plaster-of-paris, calcined plaster, and stucco.....	53,675	June 12	122	2376
Acme Cement Plaster Co., St. Louis, Mo. Wall-plaster, plaster-of-paris, calcined plaster, and stucco.....	57,374	Nov. 13	125	656
Acme Egg Preserving Company (Ltd.), Chicago, Ill. Preparations for preserving eggs.....	57,842	Nov. 27	125	1344
Acme Gas Company, Chicago and Harvey, Ill. Gas-generators.....	56,300	Sept. 11	124	619
Acme Harvesting Machine Company, Peoria, Ill. Grain-headers and grain-binders, reapers, mowers, and parts thereof.....	55,195	Aug. 7	123	1984
Acme Harvesting Machine Company, Peoria, Ill. Grain-headers and parts thereof.....	55,229	Aug. 7	123	1985
Acme Harvesting Machine Company, Peoria, Ill. Grain-headers and parts thereof.....	55,230	Aug. 7	123	1985
Acme Harvesting Machine Company, Peoria, Ill. Hay-rakes, hay-stackers, and parts thereof.....	57,132	Nov. 6	125	342
Acme Machinery Co., Cleveland, Ohio. Bolt and nut making machinery.....	53,967	June 19	122	2676
Acme Milling Company, Indianapolis, Ind. Wheat-flour.....	48,975	Jan. 16	120	898
Acme Tea Company, Philadelphia, Pa. Tea.....	58,548	Dec. 18	125	2356
Acme Tea Company, Philadelphia, Pa. Tea.....	58,549	Dec. 18	125	2356
Acme White Lead & Color Wks., Detroit, Mich. Paints of all kinds, enamels, stains, and varnishes.....	55,842	Aug. 21	123	2617
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Internal remedy, being a diuretic medicine.....	54,566	June 26	122	3000
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Perfumes.....	58,733	Dec. 25	125	2752
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Perfumes.....	58,734	Dec. 25	125	2752
Ada-lur-iem Medicine Company, New York, N. Y. Remedy for certain named diseases.....	54,318	June 26	122	2990
Adam Roth Grocery Company, St. Louis, Mo. Condensed milk and evaporated cream.....	50,257	Mar. 6	121	332
Adams, Charles H., New Orleans, La. Bag-bluing.....	55,413	Aug. 14	123	2303
Adams and Ford Company, Cleveland, Ohio. Rubber overshoes.....	48,598	Jan. 2	120	321
Adams, Frederick C., Chicago, Ill., assignor to Pine-Ozone Company, Portland, Me. Antiseptic, germicide, and disinfectant.....	57,554	Nov. 13	125	661
Adams, Lindsey K. Chase, Kans. Baking-powder.....	55,654	Aug. 21	123	2612
Addressograph Company, Chicago, Ill. Machine for printing addresses or other matter.....	54,697	June 26	122	3006
Adler & Co., Jacob, New York, N. Y. Gloves.....	48,630	Jan. 9	120	647
Adler & Co., Jacob, New York, N. Y. Gloves.....	52,632	May 15	122	1034
Adler & Co., Louis J., Pittsburg, Pa. Whisky.....	49,626	Feb. 13	120	2117
Adler, Louis, Reading, Pa. Medicinal preparation for the cure of rheumatism.....	50,532	Mar. 20	121	1066
Adler, Louis J., Pittsburg, Pa. Whisky.....	51,542	Apr. 17	121	2318
Adler, Louis J., Pittsburg, Pa. Whisky.....	53,111	May 29	122	1708
Adler, Louis J., Pittsburg, Pa. Whisky.....	53,397	June 5	122	2048
Adler, Louis J., Pittsburg, Pa. Gin.....	58,967	Dec. 25	125	2759
Adolph Frankau & Co. Ltd., London, England. Tobacco-pipes, cigar and cigarette tubes.....	53,112	May 29	122	1708
Adolph Frankau & Co. Ltd., London, England. Tobacco-pipes, cigar and cigarette tubes.....	53,968	June 19	122	2676
Adolph Frankau & Co. Ltd., London, England. India-rubber or gutta-percha tobacco-pouches.....	54,054	June 19	122	2679
Adolph Frankau & Co. Ltd., London, England. Certain named tobacco pouches and receptacles.....	55,031	Aug. 7	123	1980
Adolph Kastor & Bros., New York, N. Y. Pocket-knives and razors.....	48,928	Jan. 16	120	896
Advance Furnace Company of America, Utica, N. Y. Calcium carbide.....	58,055	Dec. 4	125	1693
Advance Publishing Co., Chicago, Ill. Magazine periodical.....	50,568	Mar. 20	121	1008
Adwear Auto Tire-Sleeve Company, North Attleboro, Mass. Tire-protectors.....	58,513	Dec. 18	125	2355
Aeolian Company, New York, N. Y. Mechanical piano-players.....	54,154	June 19	122	2683
Aerators Limited, London, England. Seltzogenes and analogous vessels for aerated liquids.....	54,698	June 26	122	3006
Aeromotor Company, Chicago, Ill. Windmills.....	56,596	Oct. 9	124	1838
Aerocar Company, Detroit, Mich. Automobiles.....	52,895	May 22	122	1385
Aerocar Company, Detroit, Mich. Automobiles.....	52,896	May 22	122	1386
Aetna Mill & Elevator Company, Wellington, Kans. Wheat-flour.....	55,655	Aug. 21	123	2612
Aetna Powder Co., Chicago, Ill. Dynamite, dynamite-cartridges, blasting-gelatin, and low-powder.....	51,706	Apr. 24	121	2650
Aetna Powder Co., Chicago, Ill. Detonating-caps and blasting-fuses.....	52,843	May 22	122	1383
Agar Packing Company, Des Moines, Iowa. Fresh beef, pork, and mutton.....	52,928	May 22	122	1387

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Ahrens, Henry, New York, borough of Brooklyn, N. Y. Carbonated non-alcoholic stimulant	58,332	Dec. 11	125	2041
Aid-Ant Remedy Co., Concord, N. H. Salve	48,905	Jan. 16	120	896
Ainsworth Shoe Co., Toledo, Ohio. Leather shoes	57,073	Oct. 30	124	2898
Aitken, Son & Co., New York, N. Y. Silk piece goods	54,805	July 31	123	1658
Aitken, Son & Co., New York, N. Y. Velvet piece goods	54,911	Aug. 7	123	1977
Aitken, Son & Co., New York, N. Y. Veilings and chiffons	54,912	Aug. 7	123	1977
Aitken, Son & Co., New York, N. Y. Dress trimmings and braids	54,913	Aug. 7	123	1977
Aitken, Son & Co., New York, N. Y. Ribbons	54,914	Aug. 7	123	1977
Ajax Manufacturing Company, Cleveland, Ohio. Metal forging and forming machines	49,879	Feb. 20	120	2436
Ajax Manufacturing Company, Cleveland, Ohio. Drills and drilling-machines for drilling in metal	54,858	July 31	123	1659
Ajax Mfg. Co., Allegheny, Pa. Boring-machines	48,710	Jan. 9	120	650
Ajax Mfg. Co., Allegheny, Pa. Tube-expanders	49,323	Jan. 30	120	1473
Akerman & Tuffley, North San Diego, Cal. Olives	52,524	May 8	122	724
Akerman & Tuffley, North San Diego, Cal. Olive-oil	52,799	May 15	122	1041
Akron Belting Company, Akron, Ohio. Belting	52,286	May 8	122	714
Akron Rubber Shoe Company, Akron, Ohio. Boots and shoes made wholly or partly of rubber	58,619	Dec. 18	125	2358
Akron Varnish Company, Akron, Ohio. Varnishes, fillers, and japans	57,877	Dec. 4	125	1689
Aktiebolaget Barnängens Tekniska Fabrik, Stockholm, Sweden. Ink	56,674	Oct. 16	124	2172
Aktiebolaget Lux, Stockholm, Sweden. Petroleum-lamps and petroleum-stoves	57,405	Nov. 13	125	657
Aktiebolaget Salenius' Werkstäder, Stockholm, Sweden. Milk centrifugal and milk cooling and pasteurizing machines and apparatus	55,112	Aug. 7	123	1982
Aktiebolaget Södertelje Tändsticksfabrik, Södertelje, Sweden. Matches of all kinds	51,826	Apr. 24	121	2655
Aktiebolaget Södertelje Tändsticksfabrik, Södertelje, Sweden. Matches	54,699	June 26	122	3006
Aktiebolaget Södertelje Tändsticksfabrik, Södertelje, Sweden. Safety-matches	55,279	Aug. 14	123	2299
Aktien-Gesellschaft Vereinigte Berner & Zürcher Chocolate-Fabriken Lindt & Sprungli, Berne, Switzerland. Certain named chocolate and cocoa preparations	51,382	Apr. 17	121	2311
Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Beer	55,257	Aug. 14	123	2299
Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Beer	55,258	Aug. 14	123	2299
Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Beer	55,259	Aug. 14	123	2299
Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Yeast	56,882	Oct. 23	124	2529
Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Beer	57,176	Nov. 6	125	343
Aktiengesellschaft für Asphaltirung und Dachbedeckung vormals Johannes Jeserich, Charlottenburg, Germany. Insulating and protective paints and varnishes	58,700	Dec. 25	125	2751
Alabastine Company, Grand Rapids, Mich. Wall paint or coating	50,358	Mar. 13	121	682
Alaska Packers Association, San Francisco, Cal. Canned salmon	53,738	June 12	122	2378
Albagli & Avayon, Philadelphia, Pa. Pastry with a filling of cream or ices	54,370	June 26	122	2992
Albany Perforated Wrapping Paper Co., Albany, N. Y. Dispensing-cabinets	52,287	May 8	122	714
Albany Wine & Liquor Co., Albany, N. Y. Whisky	51,008	Apr. 3	121	1665
Albemarle Paper Mfg. Co., Richmond, Va. Blotting-paper	51,858	Apr. 24	121	2656
Albert Dickinson Company, Chicago, Ill. Seeds	48,831	Jan. 16	120	893
Albert Dickinson Company, Chicago, Ill. Certain named seeds	49,834	Feb. 20	120	2435
Albert Dickinson Company, Chicago, Ill. Certain named seeds	49,835	Feb. 20	120	2435
Albert Dickinson Company, Chicago, Ill. Certain named seeds	49,836	Feb. 20	120	2435
Albert Dickinson Company, Chicago, Ill. Certain named seeds	49,837	Feb. 20	120	2435
Albert Dickinson Company, Chicago, Ill. Certain named seeds	49,838	Feb. 20	120	2435
Albert Dickinson Company, Chicago, Ill. Dried beans	49,917	Feb. 20	120	2438
Albert Dickinson Company, Chicago, Ill. Popcorn	50,249	Mar. 6	121	332
Albert Dickinson Company, Chicago, Ill. Poultry-food	51,054	Apr. 3	121	1667
Albert Dickinson Company, Chicago, Ill. Grass, grain, timothy, clover, hemp, canary, and rape seeds	51,979	May 1	122	338
Albert Dickinson Company, Chicago, Ill. Popcorn	55,801	Aug. 21	123	2616
Albert Dickinson Company, Chicago, Ill. Mixed grass-seed for lawns	57,822	Nov. 27	125	1344
Albert Dickinson Company, Chicago, Ill. Grass and field seeds	58,293	Dec. 11	125	2040
Albert & J. M. Anderson Manufacturing Company, Boston, Mass. Circuit-controllers or switches	52,653	May 15	122	1035
Albert M. Gugenheim Co., Cincinnati, Ohio. Whisky	54,650	June 26	122	3004
Albert M. Gugenheim Company, Cincinnati, Ohio. Whisky	48,597	Jan. 2	120	321
Alberti, John, Brooklyn, N. Y. Corks	53,586	June 5	122	2056
Albertus, S. A., Los Angeles, Cal. Remedy for certain named diseases	54,989	Aug. 7	123	1979
Albo Chemical Co., Cincinnati, Ohio. Germicide disinfectant	52,709	May 15	122	1037
Albo Chemical Co., Cincinnati, Ohio. Disinfectant	54,960	Aug. 7	123	1978
Albrecht, Wilhelm, Boston, Mass. Whisky	50,638	Mar. 27	121	1337
Albright, Chester E., Philadelphia, Pa. Combined coin and paper purse or a coin-purse	54,349	June 26	122	2991
Albright & Wilson, Limited, Oldbury, England. Phosphorus, chlorate of potash, and sulfur	58,096	Dec. 4	125	1694
Alden & Co., Geo. A., Boston, Mass. Gum-shellac	54,768	July 31	123	1657
Alden Speare's Sons Co., Boston, Mass. Corn-starch	58,536	Dec. 18	125	2355
Alden, Walker and Wilde, North Weymouth, Mass. Leather boots and shoes	56,551	Oct. 9	124	1837
Aldine Grate & Mantel Co., Grand Rapids, Mich. Fireplace-grates	54,859	July 31	123	1659
Alexander, Ernst, Berlin, Germany. Remedies for nerve weakness and sexual neurasthenia	58,735	Dec. 25	125	2752
Alexander, William L., Emlenton, Pa. Stuffing for leather	49,026	Jan. 23	120	1155
Alfred Andresen & Co., Minneapolis, Minn. Leather-dressing	54,092	June 19	122	2698
Alfred Peats Co., New York, N. Y. Wall-paper	57,177	Nov. 6	125	343
Alcock Manufacturing Co., New York, N. Y. Pills	49,559	Feb. 13	120	2115
Alcock Manufacturing Co., New York, N. Y. Plasters	53,159	May 29	122	1710
Alcock Manufacturing Co., New York, N. Y. Pills	53,906	June 12	122	2384
Alcock Manufacturing Co., New York, N. Y. Porous plasters	53,969	June 19	122	2676
Alcock Manufacturing Co., New York, N. Y. Pills	54,093	June 19	122	2681
Alcock Manufacturing Co., New York, N. Y. Medicinal plasters	54,302	June 26	122	2990
Alcock Manufacturing Co., New York, N. Y. Pills	54,303	June 26	122	2990
Alcock Manufacturing Co., New York, N. Y. Medicinal plasters	56,883	Oct. 23	124	2529
Alcock Manufacturing Co., New York, N. Y. Porous plasters	57,525	Nov. 13	125	660
Allen, Benjamin, Chicago, Ill. Mainsprings for timepieces	52,929	May 22	122	1387
Allen Candy Co., Pontiac, Ill. Candy	57,688	Nov. 27	125	1340
Allen & Co., S. L., Philadelphia, Pa. Sleds	55,077	Aug. 7	123	1981
Alliance Milling Company, Denton, Tex. Wheat-flour	52,525	May 8	122	724
Allmens Distilling Company, Kansas City, Mo. Rye whisky	56,222	Sept. 4	124	313
Alma Manufacturing Co., Baltimore, Md. Buttons	52,897	May 22	122	1386
Alonzo O. Bliss Medical Company, Washington, D. C. Internal remedies for treatment of the blood, kidneys, and liver	57,133	Nov. 6	125	342
Alonzo O. Bliss Medical Company, Washington, D. C. Herb remedy	57,843	Nov. 27	125	1344
Alonzo O. Bliss Medical Company, Washington, D. C. Remedies for certain named diseases	58,097	Dec. 4	125	1694
Alter & McCaffrey Co., Cincinnati, Ohio. Leather boots and shoes	57,347	Nov. 13	125	655
Althen & Mende, Halle-on-the-Saale, Germany. Albumen preparations for use as food	53,475	June 5	122	2051
Altgrub, Abraham A., New York, N. Y. Patterns for cutting garments	58,907	Dec. 25	125	2757
Altmayer, S., Macon, Ga. Whisky	49,010	Jan. 23	120	1155
Altmayer, Sallie, Macon, Ga. Whisky	53,398	June 5	122	2048
Alva Roller Mills, Alva, Okla. Ter. Wheat-flour	51,859	Apr. 24	121	2656

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Alvin Mfg. Co., New York, N. Y. Silver tableware, hollow ware, and flat ware.....	55,363	Aug. 14	123	2301
Amberg File & Index Co., Chicago, Ill.; New York, N. Y., and London, England. Wooden cabinets for filing letters, papers, documents, &c.....	58,333	Dec. 11	125	2041
Ambrose, Eugene E., Denver, Colo. Composition used as a foot-powder.....	52,404	May 8	122	719
Ambrosio, Luigi d', Brooklyn, N. Y. Remedies for diphtheria and other diseases of the throat.....	53,065	May 22	122	1392
American Acid & Alkali Company, Bradford, Pa. Oxalic and lactic acid and salts thereof.....	56,884	Oct. 23	124	2529
American Agricultural Chemical Co., New York, N. Y. Fertilizers.....	52,391	May 8	122	718
American Apothecaries Company, New York, N. Y. Medical compound for certain named purposes.....	57,157	Nov. 6	125	343
American Apothecaries Company, New York, N. Y. Medical compound for certain named purposes.....	57,158	Nov. 6	125	343
American Bank Protection Company, Minneapolis, Minn. Electrical burglar-alarms.....	55,934	Aug. 21	123	2620
American Beverage Co., Inc., Atlanta, Ga. Non-alcoholic hop beverage.....	58,908	Dec. 25	125	2757
American Box Ball Co., Indianapolis, Ind. Portable bowling-alleys.....	51,544	Apr. 17	121	2318
American Brake Shoe & Foundry Company, New York, N. Y. Brake-shoes.....	50,122	Mar. 6	121	327
American Brake Shoe & Foundry Company, Jersey City, N. J., and New York, N. Y. Brake-shoes.....	58,938	Dec. 25	125	2758
American Brazing Company, New York, N. Y., assignor to American Ferrofix Brazing Company. Compounds for brazing metals.....	48,749	Jan. 9	120	652
American Brazing Company, New York, N. Y., assignor to American Ferrofix Brazing Company. Fluxes for brazing metals.....	48,750	Jan. 9	120	652
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	50,141	Mar. 6	121	328
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	50,142	Mar. 6	121	328
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	50,200	Mar. 6	121	330
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	50,201	Mar. 6	121	330
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	50,202	Mar. 6	121	330
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	52,288	May 8	122	714
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	52,405	May 8	122	719
American Broom & Brush Co., Amsterdam, N. Y. Brooms.....	54,567	June 26	122	3000
American Caramel Co., Lancaster, Philadelphia, and York, Pa. Caramels and candies.....	50,741	Mar. 27	121	1341
American Caramel Co., Lancaster, Philadelphia, and York, Pa. Caramels and candies.....	51,915	Apr. 24	121	2658
American Caramel Co., Lancaster, Philadelphia, and York, Pa. Caramels and candies.....	52,313	May 8	122	715
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,470	Jan. 2	120	316
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,614	Jan. 9	120	647
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,615	Jan. 9	120	647
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,616	Jan. 9	120	647
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,647	Jan. 9	120	648
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,648	Jan. 9	120	648
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	48,774	Jan. 16	120	891
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	57,206	Nov. 6	125	344
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.....	57,240	Nov. 6	125	345
American Cereal Co., Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Candied preparation containing rice.....	56,741	Oct. 16	124	2173
American Cereal Company, Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Prepared cereal foods.....	50,059	Feb. 27	120	2750
American Cereal Company, Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Breakfast-food, rolled oats, and oatmeal.....	52,765	May 15	122	1039
American Cereal Company, Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Prepared cereal food.....	52,800	May 15	122	1041
American Cereal Company, Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Prepared rice.....	56,706	Oct. 16	124	2172
American Cereal Company, Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Prepared rice.....	56,707	Oct. 16	124	2172
American Cereal Company, Akron, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Prepared rice.....	56,708	Oct. 16	124	2173
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Cereal foods made from oats.....	53,907	June 12	122	2385
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Cereal foods made from oats.....	53,908	June 12	122	2385
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Cereal foods made from oats.....	53,909	June 12	122	2385
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Cereal foods made from oats.....	53,910	June 12	122	2385
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Cereal foods made from oats.....	54,155	June 19	122	2683
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Cereal foods made from oats.....	54,401	June 26	122	2993
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Certain named cereal foods.....	54,541	June 26	122	2999
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Certain named cereal foods.....	54,568	June 26	122	3000
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Flours and meals.....	54,635	June 26	122	3003
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Certain named cereal foods.....	57,620	Nov. 13	125	662
American Chemical Manufacturing & Mining Company Rochester, N. Y. Shoe-polish.....	54,769	July 31	123	1657
American Chemical Manufacturing & Mining Company, Rochester, N. Y. Polishing-brushes and daubers for shoe-polish.....	56,223	Sept. 4	124	313
American Chemical Works, Chicago, Ill. Boiler compounds for preventing or removing incrustation.....	53,332	May 29	122	1716
American Chic Co., New York, N. Y. Chewing-gum.....	48,675	Jan. 9	120	649
American Chic Co., New York, N. Y. Chewing-gum.....	50,258	Mar. 6	121	332
American Chic Co., New York, N. Y. Chewing-gum.....	53,531	June 5	122	2053
American Chic Co., New York, N. Y. Chewing-gum.....	53,532	June 5	122	2053
American Chic Co., New York, N. Y. Chewing-gum.....	53,533	June 5	122	2053
American Chic Co., New York, N. Y. Chewing-gum.....	53,534	June 5	122	2053
American Chic Co., New York, N. Y. Chewing-gum.....	54,461	June 26	122	2996
American Chic Co., New York, N. Y. Chewing-gum.....	54,506	June 26	122	2998
American Chic Co., New York, N. Y. Chewing-gum.....	58,178	Dec. 11	125	2037
American Chic Co., New York, N. Y. Chewing-gum.....	58,820	Dec. 25	125	2755
American Chic Co., New York, N. Y. Chewing-gum.....	58,821	Dec. 25	125	2755
American Chic Co., New York, N. Y. Chewing-gum.....	58,822	Dec. 25	125	2755
American Chic Co., New York, N. Y. Chewing-gum.....	58,998	Dec. 25	125	2759
American Cigar Company, New York, N. Y. Cigars.....	52,314	May 8	122	715
American Crayon Co., Sandusky, Ohio. Crayons.....	52,898	May 22	122	1386
American Crayon Co., Sandusky, Ohio. Crayons.....	52,899	May 22	122	1386
American Crayon Co., Sandusky, Ohio. School and artists' crayons.....	56,940	Oct. 23	124	2530
American Crayon Co., Sandusky, Ohio. Artists' and school crayons.....	57,823	Nov. 27	125	1344
American Crayon Co., Sandusky, Ohio. School and artists' crayons.....	57,824	Nov. 27	125	1344
American Dyewood Co., Philadelphia, Pa. Manufactured colors for printing and dyeing.....	54,094	June 19	122	2681
American Dyewood Company, Philadelphia, Pa. Manufactured colors for printing and dyeing.....	49,140	Jan. 23	120	1160
American Ferrofix Brazing Company. (See American Brazing Company, assignor.)				
American Fertilizing Company, Norfolk, Va. Fertilizers.....	55,125	Aug. 7	123	1982

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
American Fertilizing Company, Norfolk, Va. Fertilizers.....	55,915	Aug. 21	123	2619
American Fertilizing Company, Norfolk, Va. Fertilizers.....	55,916	Aug. 21	123	2619
American Fertilizing Company, Norfolk, Va. Fertilizers.....	55,917	Aug. 21	123	2619
American Florist Co., Chicago, Ill. Printed books.....	57,087	Nov. 6	125	341
American Fork & Hoe Co., Cleveland, Ohio. Hand agricultural implements.....	58,514	Dec. 18	125	2355
American Glue Co., Boston, Mass. Gelatin.....	50,675	Mar. 27	121	1338
American Glue Co., Boston, Mass. Gelatin.....	52,750	May 15	122	1038
American Glue Co., Boston, Mass. Glue.....	52,801	May 15	122	1041
American Glue Co., Boston, Mass. Glue.....	52,802	May 15	122	1041
American Glue Co., Boston, Mass. Glue.....	54,462	June 26	122	2996
American Hard Rubber Co., New York, N. Y. Rubber combs.....	51,383	Apr. 17	121	2311
American Hard Rubber Co., New York, N. Y. Rubber combs.....	51,412	Apr. 17	121	2312
American Hard Rubber Co., New York, N. Y. Rubber combs.....	51,413	Apr. 17	121	2312
American Hard Rubber Co., New York, N. Y. Rubber combs.....	51,696	Apr. 24	121	2650
American Hard Rubber Co., New York, N. Y. Rubber combs.....	51,720	Apr. 24	121	2651
American Hard Rubber Co., New York, N. Y. Hard-rubber combs.....	51,721	Apr. 24	121	2651
American Hard Rubber Co., New York, N. Y. Hard-rubber syringes.....	51,860	Apr. 24	121	2656
American Hard Rubber Co., New York, N. Y. Hard-rubber combs.....	52,085	May 1	122	342
American Hard Rubber Co., New York, N. Y. Hard-rubber combs.....	52,086	May 1	122	342
American Hard Rubber Co., New York, N. Y. Soft-rubber bulb and fountain syringes.....	54,262	June 26	122	2988
American Hard Rubber Co., New York, N. Y. Hard-rubber syringes.....	54,350	June 26	122	2991
American Hard Rubber Co., New York, N. Y. Hard-rubber battery-cells.....	54,860	July 31	123	1659
American Hard Rubber Co., New York, N. Y. Hard-rubber syringes.....	57,771	Nov. 27	125	1342
American Hard Rubber Co., New York, N. Y. Hard-rubber combs.....	58,361	Dec. 11	125	2042
American Heater Manufacturing Company, West Chicago, Ill. Steam and hot-water furnaces.....	58,515	Dec. 18	125	2355
American Hoist & Derrick Company, St. Paul, Minn. Rope-clips.....	50,804	Apr. 3	121	1657
American Holo Co., Raphine, Va. Coffee substitutes.....	57,689	Nov. 27	125	1340
American Hominy Company, Indianapolis, Ind. Product of Indian corn in flake form.....	51,009	Apr. 3	121	1665
American Hominy Company, Indianapolis, Ind. Product of corn in flake form.....	51,114	Apr. 3	121	1670
American Hominy Company, Indianapolis, Ind. Hominy feed.....	51,491	Apr. 17	121	2315
American Horse Shoe Company, Phillipsburg, N. J. Horse and mule shoes.....	53,535	June 5	122	2054
American Iron & Steel Mfg Co., Lebanon and Reading, Pa. Railway-track bolts.....	49,089	Jan. 23	120	1158
American Iron & Steel Mfg Co., Lebanon and Reading, Pa. Rivet and screw bolts.....	49,117	Jan. 23	120	1159
American Iron & Steel Mfg Co., Lebanon and Reading, Pa. Track-bolt nuts.....	54,732	June 26	122	3007
American-La France Fire Engine Co., Elmira, N. Y. Fire-extinguishers.....	53,839	June 12	122	2382
American-La France Fire Engine Co., Elmira, N. Y. Water-towers and deluge-wagons.....	56,486	Oct. 2	124	1517
American-La France Fire Engine Co., Elmira, N. Y. Chemical-engines, chemical fire-extinguish- ing apparatus, and hand-grenades.....	56,709	Oct. 16	124	2173
American-La France Fire Engine Co., Elmira, N. Y. Chemical fire-extinguishing apparatus and engines.....	56,710	Oct. 16	124	2173
American-La France Fire Engine Co., Elmira, N. Y. Automatic sprinkler-heads and mammoth turret-nozzles.....	57,933	Dec. 4	125	1690
American-La France Fire Engine Co., Elmira, N. Y. Aerial trucks.....	57,934	Dec. 4	125	1690
American Lava Company, Chattanooga, Tenn. Burners and tips for illuminating-gas.....	56,002	Aug. 21	123	2622
American Lead Pencil Co., New York, N. Y. Lead-pencils.....	51,414	Apr. 17	121	2312
American Lead Pencil Co., New York, N. Y. Lead-pencils.....	52,165	May 1	122	345
American Manufacturing Company, New York, N. Y. Rope and twine manufactured from vege- table fiber.....	55,960	Aug. 21	123	2620
American Manufacturing Company, New York, N. Y. Rope, cord, lines, and twine manufactured from vegetable fiber.....	55,961	Aug. 21	123	2620
American Manufacturing Company, New York, N. Y. Rope, cord, lines, and twine manufactured from vegetable fiber.....	55,962	Aug. 21	123	2620
American Manufacturing Company, New York, N. Y. Bagging.....	55,963	Aug. 21	123	2620
American Manufacturing Company, New York, N. Y. Bagging.....	55,964	Aug. 21	123	2620
American Manufacturing Company, New York, N. Y. Bagging.....	55,965	Aug. 21	123	2621
American Manufacturing Company, New York, N. Y. Bagging.....	56,028	Aug. 21	123	2622
American Manufacturing Company, New York, N. Y. Bagging.....	56,029	Aug. 21	123	2622
American Manufacturing Company, New York, N. Y. Bagging.....	56,030	Aug. 21	123	2622
American Manufacturing Company, New York, N. Y. Rope, cord, lines, and twine.....	57,434	Nov. 13	125	657
American Metal Polish Co., Somerville, Mass. Metal-polish.....	49,942	Feb. 27	120	2745
American Metal Polish Co., Somerville, Mass. Metal-polish.....	55,445	Aug. 14	123	2304
American Multigraph Co., Cleveland, Ohio. Rotary printing-machines adapted to be operated by hand.....	48,699	Jan. 9	120	650
American Multigraph Company, Cleveland, Ohio. Rotary type-printing machines.....	48,529	Jan. 2	120	318
American Multigraph Company, Cleveland, Ohio. Ink and inked ribbons.....	57,904	Dec. 4	125	1689
American Oak Leather Company, Cincinnati, Ohio. Leather beltings.....	48,809	Jan. 16	120	892
American Oak Leather Company, Cincinnati, Ohio. Leather boots and shoes and leather therefor.....	49,798	Feb. 20	120	2433
American Oak Leather Company, Cincinnati, Ohio. Leather for harness and saddlery.....	53,135	May 29	122	1708
American Offset Company, New York, N. Y. "Anti-set-off" compositions.....	50,710	Mar. 27	121	1340
American Perfumer Company, Springfield, Mass. Hand-soap.....	51,958	May 1	122	337
American Peroxide and Chemical Co., New York, N. Y. Peroxid of hydrogen.....	54,651	June 26	122	3004
American Peroxide & Chemical Co., New York, N. Y. Skin-lotions in liquid and paste form.....	55,656	Aug. 21	123	2612
American Peroxide and Chemical Company, New York, N. Y. Tooth-powder.....	49,576	Feb. 13	120	2115
American Peroxide and Chemical Company, New York, N. Y. Liquid dentifrices.....	50,250	Mar. 6	121	332
American Petroleum Products Co., New York, N. Y. Lubricating-oils.....	52,051	May 1	122	341
American Pharmacal Co., Evansville, Ind. Remedies for certain named diseases.....	55,589	Aug. 21	123	2611
American Pin Co., Waterville, Conn. Safety-pins.....	54,927	Aug. 7	123	1977
American Powder Mills, Boston, Mass. Gunpowder.....	52,991	May 22	122	1389
American Powder Mills, Boston, Mass. Gunpowder.....	53,113	May 29	122	1708
American Powder Mills, Boston, Mass. Gunpowder.....	53,655	June 12	122	2375
American Printing Company, Fall River, Mass. Calicoes.....	50,032	Feb. 27	120	2749
American Printing Company, Fall River, Mass. Calicoes.....	50,033	Feb. 27	120	2749
American Printing Company, Fall River, Mass. Calicoes.....	50,034	Feb. 27	120	2749
American Printing Company, Fall River, Mass. Calicoes.....	52,257	May 8	122	713
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Boilers and heat- ers.....	58,433	Dec. 18	125	2353
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.....	58,434	Dec. 18	125	2353
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.....	58,435	Dec. 18	125	2353
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.....	58,473	Dec. 18	125	2354
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.....	58,474	Dec. 18	125	2354
American Record Co., New York, N. Y. Sound-records.....	55,323	Aug. 14	123	2300

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
American Screw Company, Providence, R. I. Certain named metal goods.	53,739	June 12	122	2378
American Screw Company, Providence, R. I. Tire bolts and rivets.	54,928	Aug. 7	123	1977
American Seeding Machine Company, Jersey City, N. J.; Springfield, Ohio; Richmond, Ind.; Louisville, Ky., and Shortsville and Macedon, N. Y. Seeding-machines.	52,351	May 8	122	716
American Separator Co., Bainbridge, N. Y. Centrifugal cream-separator.	50,438	Mar. 20	121	1003
American Shearer Manufacturing Co., Nashua, N. H. Hair and wool clippers and their parts.	55,032	Aug. 7	123	1980
American Shearer Manufacturing Company, Nashua, N. H. Grooming-machines and their parts.	56,430	Sept. 25	124	1201
American Silver Company, Bristol, Conn. Silver hollow ware, flat ware, and tableware.	55,017	Aug. 7	123	1980
American Specialty Co., Allegheny, Pa. Carbonated water.	56,202	Sept. 4	124	313
American Standard Publishing Company, New York, N. Y. Weekly newspaper.	52,052	May 1	122	341
American Steam Packing Company, Boston, Mass. Steam and water packing.	49,141	Jan. 23	120	1160
American Steam Packing Company, Boston, Mass. Steam and water packing.	49,459	Feb. 6	120	1816
American Steel and Wire Company, Chicago, Ill. Woven-wire fencing.	53,740	June 12	122	2378
American Steel & Wire Company of New Jersey, Hoboken, N. J., and New York, N. Y. Certain named wire articles.	57,935	Dec. 4	125	1690
American Stocking Company, New York, N. Y. Hosiery.	49,268	Jan. 30	120	1470
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gasolene or vapor stoves and vapor burners and ovens.	56,910	Oct. 23	124	2529
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gasolene or vapor stoves and vapor burners and ovens.	57,406	Nov. 13	125	657
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Vapor-stoves, gas-ranges, ovens, and vapor-burners.	57,435	Nov. 13	125	657
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Certain named stove burners and ovens.	57,772	Nov. 27	125	1342
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Certain named stove burners and ovens.	57,773	Nov. 27	125	1342
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gasolene or vapor stoves and burners and ovens.	57,936	Dec. 4	125	1690
American Tap Bush Co., Detroit, Mich. Taps and bushes.	48,446	Jan. 2	120	315
American Terra Cotta and Ceramic Company, Chicago, Ill. Ornamental pottery-ware.	50,994	Apr. 3	121	1665
American Thermo-Ware Co., New York, N. Y. Goggles.	58,167	Dec. 11	125	2037
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	54,861	July 31	123	1659
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	54,862	July 31	123	1659
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	54,863	July 31	123	1659
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	56,031	Aug. 21	123	2622
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	56,742	Oct. 16	124	2173
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	58,270	Dec. 11	125	2040
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	58,271	Dec. 11	125	2040
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	58,272	Dec. 11	125	2040
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	58,573	Dec. 18	125	2356
American Tool Company, Highland Park, Ky. Axes.	51,722	Apr. 24	121	2651
American Tool Company, Highland Park, Ky. Axes.	52,943	May 22	122	1387
American Typewriter Co., New York, N. Y. Type-writing machines and parts therefor.	57,801	Nov. 27	125	1343
American Varnish Company, Chicago, Ill. Varnishes.	49,960	Feb. 27	120	2746
American Varnish Company, Chicago, Ill. Varnishes.	49,961	Feb. 27	120	2746
American Waltham Watch Co., Waltham, Mass. Mainsprings for watches.	48,775	Jan. 16	120	891
American Washboard Company, Cleveland, Ohio. Washboards.	49,393	Feb. 6	120	1814
American Washboard Company, Cleveland, Ohio. Washboards.	50,425	Mar. 13	121	685
American Washboard Company, Cleveland, Ohio. Washboards.	51,415	Apr. 17	121	2313
American Washboard Company, Cleveland, Ohio. Washboards.	57,436	Nov. 13	125	658
American Washboard Company, Cleveland, Ohio. Washboards.	57,526	Nov. 13	125	660
American Wine Co., St. Louis, Mo. Champagne or sparkling wine.	52,766	May 15	122	1039
American Wood Preserving Co., Chicago, Ill. Chemical wood-preserving compound.	56,859	Oct. 23	124	2528
American Woolen Company, Boston, Mass. Woolen cloths.	50,166	Mar. 6	121	329
American Wringer Company, New York, N. Y. Clothes-wringers and the parts composing the same.	52,406	May 8	122	719
American Wringer Company, New York, N. Y. Wringers.	52,689	May 15	122	1036
American Wringer Company, New York, N. Y. Carpet-sweepers.	53,413	June 5	122	2048
American Wringer Company, New York, N. Y. Wringing-machines.	53,448	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers and the parts composing the same.	53,449	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers and the parts composing the same.	53,450	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers and the parts composing the same.	53,451	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers.	53,452	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers.	53,453	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers.	53,454	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers.	53,455	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers.	53,456	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers.	53,457	June 5	122	2050
American Wringer Company, New York, N. Y. Clothes-wringers and parts thereof.	53,476	June 5	122	2051
American Wringer Company, New York, N. Y. Clothes-wringers.	53,477	June 5	122	2051
American Wringer Company, New York, N. Y. Clothes-wringers.	53,741	June 12	122	2378
American Wringer Company, New York, N. Y. Wringers.	53,742	June 12	122	2378
American Wringer Company, New York, N. Y. Clothes-wringers.	53,995	June 19	122	2677
Ames Iron Works, Oswego, N. Y. Steam-engines.	58,225	Dec. 11	125	2038
Ames Iron Works, Oswego, N. Y. Steam-engines.	58,226	Dec. 11	125	2038
Amidon, Frederick S., Hartford, Conn. Stomach bitters or tonics.	55,727	Aug. 21	123	2614
Ammon Phenin Chemical Company, St. Louis, Mo. Antipyretics.	50,533	Mar. 20	121	1006
Ammon & Person, Jersey City, N. J. Shortening for pastry.	51,010	Apr. 3	121	1665
Ammon & Person, Jersey City, N. J. Butter.	57,574	Nov. 13	125	661
Ammonol Chemical Co., New York, N. Y. Antipyretic and analgesic.	48,700	Jan. 9	120	650
Amolin Chemical Company, New York, N. Y. Dress-shields.	56,431	Sept. 25	124	1201
Amory, Browne & Co., Boston, Mass., and New York, N. Y. Shade-cloths.	50,773	Mar. 27	121	1343
Amory, Browne & Co., Boston, Mass., and New York, N. Y. Shade-cloths and cotton piece goods.	54,127	June 19	122	2682
Amory, Browne & Co., Boston, Mass. Cotton piece goods.	55,590	Aug. 21	123	2611
Anda, Thorwald, Chicago, Ill. Antiseptics for internal and external use.	51,916	Apr. 24	121	2658
Anderson, Charles L., Denver, Colo. Wheat-flour.	55,657	Aug. 21	123	2612
Anderson, Charles L., Denver, Colo. Vinegar, apple-butter, jellies, jams, and fruit-preserves.	57,690	Nov. 27	125	1340
Anderson Chemical Co., Incorporated, Lebanon, Tenn. Remedies for the cure of female diseases.	58,098	Dec. 4	125	1694
Anderson Computing Scale Company, Anderson, Ind. Counter-scales.	53,536	June 5	122	2054
Anderson Computing Scale Company, Anderson, Ind. Computing cheese-cutters.	53,537	June 5	122	2054
Anderson Cotton Mills, Anderson, S. C. Cotton piece goods.	53,538	June 5	122	2054
Anderson, David H., Chicago, Ill. Magazine or periodical.	55,324	Aug. 14	123	2300
Anderson, Gustaf Y., Chicago, Ill. Saw-sets, saw-jointers, and saw-gages.	54,156	June 19	122	2683

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Andrew Jergens Co., New York, N. Y., and Cincinnati, Ohio. Soap.....	53,478	June 5	122	2051
Andrew McLean Co., Passaic, N. J., and New York, N. Y. Upholstery textile fabrics.....	51,513	Apr. 17	121	2316
Angelo Myers Distillery, Inc., Philadelphia, Pa. Whisky.....	48,559	Jan. 2	120	319
Anger Baking Co., New York, N. Y. Macaroni, spaghetti, vermicelli, and noodles.....	48,843	Jan. 16	120	893
Anger Baking Co., New York, N. Y. Macaroni, spaghetti, vermicelli, and noodles.....	50,217	Mar. 6	121	331
Angle Manufacturing Company, New York, N. Y. Oil-lamps.....	56,711	Oct. 16	124	2173
Anglo-American Medical Co., Chicago, Ill. Liquid medicinal preparation.....	48,844	Jan. 16	120	893
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	50,895	Apr. 3	121	1660
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	51,436	Apr. 17	121	2313
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	52,633	May 15	122	1034
Anheuser-Busch Brewing Association, St. Louis, Mo. Extract of malt and hops.....	52,654	May 15	122	1035
Anheuser-Busch Brewing Association, St. Louis, Mo. Extract made from malt and hops.....	52,767	May 15	122	1039
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	52,992	May 22	122	1389
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	53,875	June 12	122	2383
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	55,870	Aug. 21	123	2618
Anheuser-Busch Brewing Association, St. Louis, Mo. Ale.....	56,860	Oct. 23	124	2528
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	56,861	Oct. 23	124	2528
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	56,862	Oct. 23	124	2528
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	56,863	Oct. 23	124	2528
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	56,911	Oct. 23	124	2529
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,032	Oct. 30	124	2897
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,491	Nov. 13	125	659
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,555	Nov. 13	125	661
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,669	Nov. 27	125	1340
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,670	Nov. 27	125	1340
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,691	Nov. 27	125	1340
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.....	57,991	Dec. 4	125	1692
Ansonia Clock Company, Ansonia, Conn., and New York, N. Y. Clocks.....	49,494	Feb. 6	120	1818
Ansonia Clock Company, Ansonia, Conn., and New York, N. Y. Clocks.....	49,731	Feb. 13	120	2121
Ansonia Clock Company, Ansonia, Conn., and New York, N. Y. Clocks.....	49,732	Feb. 13	120	2121
Ansted & Burk Company, Springfield, Ohio. Wheat-flour.....	52,672	May 15	122	1035
Anti-Grime Soap Company, Elmira, N. Y. Soap.....	51,917	Apr. 24	121	2658
Anti-Urie Co., Peoria, Ill. Remedy for certain named diseases.....	55,728	Aug. 21	123	2614
Anticongestine Company, Akron, Ohio. Plastic substances for external use.....	54,997	Aug. 7	123	1979
Antiseptic Pharmacal Company, St. Louis, Mo. Medicine for external use.....	50,742	Mar. 27	121	1341
"Apena" Részvény-Társaság, Budapest, Austria-Hungary. Mineral water.....	57,321	Nov. 13	125	654
"Apena" Részvény-Társaság, Budapest, Austria-Hungary. Mineral water.....	57,322	Nov. 13	125	654
"Apena" Részvény-Társaság, Budapest, Austria-Hungary. Mineral water.....	57,323	Nov. 13	125	654
"Apena" Részvény-Társaság, Budapest, Austria-Hungary. Mineral water.....	57,340	Nov. 13	125	655
Apollinaris Company, Limited, London, England. Mineral water.....	52,710	May 15	122	1037
Apollinaris Company, Limited, London, England. Mineral water.....	55,871	Aug. 21	123	2618
Apollinaris Company, Limited, London, England. Mineral water.....	55,872	Aug. 21	123	2618
Apollinaris Company, Limited, London, England. Mineral water.....	58,006	Dec. 4	125	1692
Appell Company, Adam, Portland, Oreg. Water-bags.....	54,030	June 19	122	2678
Appell Company, Adam, Portland, Oreg. Water-bags.....	54,031	June 19	122	2678
Arabol Mfg Co., New York, N. Y. Turkey-red oil and soluble grease.....	51,416	Apr. 17	121	2313
Arabol Mfg Co., New York, N. Y. Soluble oil and grease.....	54,806	July 31	123	1658
Arabol Mfg Co., New York, N. Y. Mucilage, liquid adhesive starch gums, and liquid adhesive sizings and pastes.....	56,407	Sept. 25	124	1210
Arbuckle Bros., New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. Coffee.....	50,439	Mar. 20	121	1003
Arbuckle Bros., New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. Coffee.....	50,455	Mar. 20	121	1003
Arbuckle Bros., New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. Cocoa and preparations thereof.....	52,053	May 1	122	341
Arbuckle Bros., New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. Chocolate and preparations thereof.....	52,054	May 1	122	341
Arbuckle Bros., New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. Teas.....	54,193	June 19	122	2685
Arcade File Works, Anderson, Ind. Files and rasps.....	49,460	Feb. 6	120	1816
Arcade File Works, Anderson, Ind. Files and rasps.....	49,461	Feb. 6	120	1816
Arcade File Works, Anderson, Ind., and Providence, R. I. Files and rasps.....	56,301	Sept. 11	124	619
Arand, Joseph G., New York, N. Y., and Montreal, Canada. Candy.....	55,843	Aug. 21	123	2617
Argle Drug Co., Hawley, Pa. Medical preparation for certain named diseases.....	58,736	Dec. 25	125	2752
Arguimbau & Ramée, New York, N. Y. Dried fruits, nuts, olives, and red peppers in oil.....	58,574	Dec. 18	125	2356
Arithmograph Company, Chicago, Ill. Combined type-writing and adding machines.....	53,970	June 19	122	2676
Arkell Safety Bag Company, New York, N. Y. Paper-lined bags and paper linings.....	55,224	Sept. 4	124	313
Armour & Company, Chicago, Ill. Lard.....	56,864	Oct. 23	124	2528
Armspear Manufacturing Company, New York, N. Y. Railway lamps and lanterns.....	49,757	Feb. 13	120	2122
Armspear Manufacturing Company, New York, N. Y. Railway lamps and lanterns.....	49,758	Feb. 13	120	2122
Armspear Manufacturing Company, New York, N. Y. Railway lamps and lanterns.....	50,956	Apr. 3	121	1663
Armstrong Cork Company, Pittsburg, Pa. Bottle and prescription corks of all kinds.....	55,475	Aug. 14	123	2304
Armstrong Mfg. Co., Bridgeport, Conn. Certain named tools.....	51,310	Apr. 10	121	1972
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,774	Nov. 27	125	1342
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,825	Nov. 27	125	1344
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,826	Nov. 27	125	1344
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,827	Nov. 27	125	1344
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,828	Nov. 27	125	1344
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,829	Nov. 27	125	1344
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	57,830	Nov. 27	125	1344
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	58,909	Dec. 25	125	2757
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.....	58,910	Dec. 25	125	2752
Arnold and Co., Ogdensburg, N. Y. Ales.....	58,019	Dec. 4	125	1697
Arnold Print Works, North Adams, Mass. White, printed, or dyed textile fabrics of cotton, wool, or silk.....	53,238	May 29	122	1712
Arondack Spring Company, Saratoga Springs, N. Y. Mineral water.....	53,743	June 12	122	2378
Arondack Spring Company, Saratoga Springs, N. Y. Mineral water and ginger-ale.....	56,581	Oct. 9	124	1838
Artesia Cream Company, Waco, Tex. Cream for the complexion and wrinkle-lotion.....	48,862	Jan. 16	120	894
Artesia Cream Company, Waco, Tex. Face-powder.....	52,166	May 1	122	345
Artesia Cream Company, Waco, Tex. Soap.....	53,479	June 5	122	2051
Artists' Model Corset Co., Cleveland, Ohio. Corsets.....	51,311	Apr. 10	121	1972
Asbestos Manufacturing and Roofing Co., St. Louis, Mo. Prepared sheet-felt roofing.....	52,690	May 15	122	1036
Asbestos Manufacturing and Roofing Co., St. Louis, Mo. Roofing-paint.....	54,409	June 26	122	2094
Aschenbach & Miller, Incorporated. (See Aschenbach & Miller, assignors.)				
Aschenbach & Miller, assignors to Aschenbach & Miller, Incorporated, Philadelphia, Pa. Sulfur soap.....	49,627	Feb. 13	120	2117
Aschenbach & Miller, Philadelphia, Pa., assignors to Aschenbach & Miller, Incorporated. Bird-food.....	51,115	Apr. 3	121	1670
Aschenbach & Miller, Philadelphia, Pa., assignors to Aschenbach & Miller, Incorporated. Blood and liver purifiers.....	51,953	Apr. 24	121	2660

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Aschenbach & Miller, Philadelphia, Pa., assignors to Aschenbach & Miller, Incorporated. Medicine for horses, cattle, and poultry.	52,450	May 8	122	720
Aschenbach & Miller, Philadelphia, Pa., assignors to Aschenbach & Miller, Incorporated. Herb bitters.	52,768	May 15	122	1039
Aseptic Drinking Cup Company, Cambridge, Mass. Sputum-cups.	58,436	Dec. 18	125	2353
Ashworth, Lewis, Indianapolis, Ind. Certain named medicines.	56,201	Sept. 4	124	313
Aspegren & Co., New York, N. Y. Ground wood and wood-pulp for paper-stock.	49,790	Feb. 20	120	2433
Aspegren & Co., New York, N. Y. Ground wood and wood-pulp.	53,136	May 29	122	1708
Atchison Oat Meal and Cereal Co., Atchison, Kans. Rolled oats.	54,929	Aug. 7	123	1977
Athanassiades Sons, J. E., New York, N. Y. Soap.	58,074	Dec. 4	125	1694
Atlanta Agricultural Works, Atlanta, Ga. Harrows and cultivators.	49,142	Jan. 23	120	1163
Atlanta Chemical Co., New York, N. Y. Dressed and dyed furs.	52,031	May 1	122	340
Atlantic Manufacturing Company, Baltimore, Md. Washing compound.	56,331	Sept. 11	124	620
Atlantic Novelty Co., New York, N. Y. Embroidery.	49,990	Feb. 27	120	2747
Atlantic Paint Works of Baltimore City, Baltimore, Md. Ready-mixed paints.	55,489	Aug. 14	123	2305
Atlantic Refining Company, Franklin and Philadelphia, Pa. Lubricating-oils.	51,677	Apr. 24	121	2649
Atlantic Refining Company, Franklin and Philadelphia, Pa. Lubricating-oils.	53,715	June 12	122	2377
Atlantic Refining Company, Cleveland, Ohio. Waterproof structural and roof paint.	52,055	May 1	122	341
Atlantic Refining Company, Cleveland, Ohio. Disinfectant and insecticide.	58,075	Dec. 4	125	1694
Atlantic Refining Company, Cleveland, Ohio. Waterproof structural and exterior paint.	58,273	Dec. 11	125	2040
Atwood, Lemuel G., Franklin, N. H. Remedies for canines.	53,301	May 29	122	1715
Aubry, Matilda R., Toledo, Ohio. Massage-creams, rouges, and depilatory powders.	58,388	Dec. 11	125	2043
Auburn Wagon Co., Martinsburg, W. Va. Wagons.	48,906	Jan. 16	120	896
Auburn Wagon Co., Martinsburg, W. Va. Wagons, carts, drays, and trucks.	52,711	May 15	122	1037
Auerbach & Co., L. Fuerth, Germany. Bronze colors, brocades, and leaf metals.	55,490	Aug. 14	123	2305
Auerbach & Sons, D., New York, N. Y. Small round candies of various flavors.	49,143	Jan. 23	120	1160
Aughinbaugh Canning Company, Baltimore, Md. Fruits and vegetables hermetically sealed.	54,864	July 31	123	1659
Aughinbaugh Canning Company, Baltimore, Md. Oysters and shrimp.	57,575	Nov. 13	125	661
Augusta Factory, Augusta, Ga. Cotton sheetings and drills.	49,880	Feb. 20	120	2436
Augustus Wright Company, Petersburg, Va. Leather shoes.	54,351	June 26	122	2991
Ault & Wiborg Co., Cincinnati, Ohio. Printing-inks.	58,620	Dec. 18	125	2358
Aultman & Taylor Machinery Company, Mansfield, Ohio. Water-tube boilers.	52,634	May 15	122	1034
Aurora Automatic Machinery Company, Aurora, Ill. Certain named pneumatic tools.	57,742	Nov. 27	125	1341
Aurora Automatic Machinery Company, Aurora, Ill. Motor-cycles, motor-cars, automobiles, and parts thereof.	57,956	Dec. 4	125	1691
Aurora Milling Company, Aurora, Mo. Wheat-flour.	55,196	Aug. 7	123	1984
Ausable Horse Nail Company, Keeseville, N. Y. Horse-nails.	58,939	Dec. 25	125	2758
Austin Cartridge Co., Cleveland, Ohio. Shotgun-shells.	51,543	Apr. 17	121	2318
Austin, Poor & Co., New York, N. Y. Cotton and cotton-and-silk piece goods.	54,319	June 26	122	2990
Austin, Young & Co., Chelsea, Mass. Crackers, cakes, and bread.	51,312	Apr. 10	121	1972
Auto Doctor Company. (See Shaw and Ludington, assignors.)				
Auto Equipment Company, East Orange, N. J. Valve-grinding compounds.	57,556	Nov. 13	125	661
Auto-Grand Piano Co., Newcastle, Ind. Piano-players and combination pianos and piano-players.	57,348	Nov. 13	125	655
Auto-Grand Piano Company, Newcastle, Ind. Pianos having playing attachments.	57,362	Nov. 13	125	655
Auto-Grand Piano Company, Newcastle, Ind. Pianos having playing attachments.	57,957	Dec. 4	125	1691
Autopiano Company, New York, N. Y. Self-playing pianos and piano-players.	51,161	Apr. 3	121	1672
Autopiano Company, New York, N. Y. Automatic piano-players.	56,003	Aug. 21	123	2622
Autotone Company, New York, N. Y. Piano-players.	57,349	Nov. 13	125	655
Avery Stamping Company, Cleveland, Ohio. Spades, shovels, and scoops.	48,726	Jan. 9	120	651
Avery Stamping Company, Cleveland, Ohio. Steel shovels, scoops, and spades.	49,168	Jan. 23	120	1161
Avery Stamping Company, Cleveland, Ohio. Shovels, spades, and scoops.	52,352	May 8	122	716
Avery Stamping Company, Cleveland, Ohio. Shovels, spades, and scoops.	52,353	May 8	122	717
Avery Stamping Company, Cleveland, Ohio. Sidewalk and ice scrapers.	52,618	May 15	122	1033
Axton-Fisher Tobacco Company, Louisville, Ky. Smoking-tobacco.	56,332	Sept. 11	124	620
Ayer, Frederick, Boston, Mass. Liniments.	54,095	June 19	122	2681
Ayling Bros., Chicago, Ill. Metal-polish.	53,945	June 19	122	2675
Ayling Bros., Chicago, Ill. Shoe-polish or leather-dressing.	53,996	June 19	122	2677
Ayres & Sons, William, Philadelphia, Pa. Horse covers, nets, saddle-housings, lap-ropes, and dusters.	51,630	Apr. 17	121	2321
Ayres & Sons, William, Philadelphia, Pa. Horse-blankets.	55,341	Aug. 14	123	2301
Ayres & Sons, William, Philadelphia, Pa. Horse-blankets.	56,597	Oct. 9	124	1838
Aztec Turquoise Company, New York, N. Y. Genuine mined and cut turquoise.	51,108	Apr. 3	121	1669
Azure Mining Co., New York, N. Y. American turquoises.	53,382	June 5	122	2047
B. Makover Co., New York, N. Y. Silk and mixed cotton and silk piece goods.	50,191	Mar. 6	121	330
B. F. Avery & Sons, Louisville, Ky. Plows, cultivators, and harrows.	51,813	Apr. 24	121	2654
B. F. Avery & Sons, Louisville, Ky. Plows, harrows, cultivators, and planters.	51,861	Apr. 24	121	2656
B. F. Goodrich Company, Akron, Ohio. Pneumatic tires for wheels.	53,744	June 12	122	2378
B. F. & H. L. Sweet Company, Fond du Lac, Wis. Sleds and sleighs.	51,739	Apr. 24	121	2651
B. H. Bacon Co., Rochester, N. Y. Remedy for the nerves.	49,462	Feb. 6	120	1816
B. H. Bacon Co., Rochester, N. Y. Remedy for the nerves.	51,011	Apr. 3	121	1665
B. M. Jones & Co., Incor., Boston, Mass. Twist-drills.	54,865	July 31	123	1659
B. M. Jones & Co., Incor., Boston, Mass. Iron.	55,491	Aug. 14	123	2305
B. S. Flersheim Mercantile Co., Kansas City, Mo. Whisky.	49,511	Feb. 6	120	1818
Babbitt Bros., Fitchburg, Mass. Metal screws.	49,324	Jan. 30	120	1473
Babcock & Co., John, Boston, Mass. Varnishes.	50,867	Apr. 3	121	1659
Bachman, Joseph S., Reading, Pa. Pretzels.	50,602	Mar. 27	121	1336
Bachtold & Achermann, Walla Walla, Wash. Whisky.	55,145	Aug. 7	123	1983
Bachtold & Achermann, Walla Walla, Wash. Whisky.	56,061	Aug. 21	123	2623
Back and Greiwe, Cincinnati, Ohio. Whisky.	49,943	Feb. 27	120	2745
Back and Greiwe, Cincinnati, Ohio. Whisky.	56,432	Sept. 25	124	1201
Back and Greiwe, Cincinnati, Ohio. Gin.	56,743	Oct. 16	124	2173
Bacon Brothers, Seattle, Wash. Carbon copying-paper.	51,368	Apr. 17	121	2311
Bacon Brothers, Seattle, Wash. Type-writer ribbon.	53,771	June 12	122	2379
Badger Brass Mfg. Co., Kenosha, Wis. Headlights, lanterns, and lamps.	56,433	Sept. 25	124	1201
Ba ische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,223	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,224	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,225	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,226	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,227	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,228	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,229	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,230	May 1	122	347
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,231	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,232	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,233	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.	52,234	May 1	122	348

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	52,235	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	52,236	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	52,237	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	52,238	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	52,239	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	52,240	May 1	122	348
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	56,434	Sept. 25	124	1201
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	56,885	Oct. 23	124	2529
Badische Anilin- & Soda- Fabrik, Ludwigshafen-on-the-Rhine, Germany. Chemicals for reducing, discharging, and bleaching purposes.....	57,052	Oct. 30	124	2897
Baeck Wall Paper Co., New York, N. Y. Wall-papers.....	52,803	May 15	122	1041
Baetzhold, August, Buffalo, N. Y. Whisky.....	56,675	Oct. 16	124	2172
Bagley, Frederick G., Buffalo, N. Y. Washing compound.....	57,437	Nov. 13	125	658
Bailey Brothers, Inc., Winston Salem, N. C. Chewing-tobacco.....	54,770	July 31	123	1657
Bailey, Charles J., Boston, Mass. Automobile-tires and tire-treads.....	55,364	Aug. 14	123	2301
Baird, Archie F., Boston, Mass. Toilet-paper.....	52,258	May 8	122	713
Baird-Daniels Company, New York, N. Y. Gin.....	55,280	Aug. 14	123	2299
Baird Manufacturing Company, Chicago, Ill. Telephone sets.....	49,847	Feb. 20	120	2435
Baker Castor Oil Company, New York, N. Y. Castor-oil.....	48,944	Jan. 16	120	897
Baker Castor Oil Company, New York, N. Y. Castor-oil.....	51,918	Apr. 24	121	2658
Baker & Co., Charles F., Boston, Mass. Wire nails.....	49,090	Jan. 23	120	1158
Baker & Co., Charles F., Boston, Mass. Wire nails.....	49,583	Feb. 13	120	2116
Baker Extract Company, Portland, Me., and Springfield, Mass. Flavoring extracts and preparations.....	51,116	Apr. 3	121	1670
Baker & Hamilton, San Francisco, Cal. Rubber tires for vehicles.....	57,622	Nov. 20	125	987
Baker & Hamilton, San Francisco, Cal. Pocket and table knives, shears, and scissors.....	57,775	Nov. 27	125	1342
Baker, Harry J., Fulton, N. Y. Green salve.....	53,195	May 29	122	1711
Baker, James G., Fairfield, Ill. Remedy for headaches and liver disorders.....	51,492	Apr. 17	121	2316
Baker Manufacturing Co., Evansville, Wis. Explosive-engines.....	54,998	Aug. 7	123	1979
Baker & Sons, C. W., Aberdeen, Md. Canned or preserved fruits and vegetables.....	48,978	Jan. 16	120	898
Baker, William H., Winchester, Va. Chocolate, cocoa, and sweet chocolate.....	51,012	Apr. 3	121	1665
Balaguer, Enrique R., New York, N. Y. Laxatives.....	59,011	Dec. 25	125	2760
Balaguer, Enrique R., New York, N. Y. Medicine for stomach troubles.....	59,012	Dec. 25	125	2760
Balbi & Co., Lgi, New York, N. Y. Tomato-sauce.....	54,569	June 26	122	3000
Baldwin, Thomas P., Washington, D. C. Liniment or ointment.....	57,527	Nov. 13	125	660
Ball Chemical Co., Allegheny, Pa. Turpentine.....	49,686	Feb. 13	120	2120
Ball Chemical Co., Allegheny, Pa. Spirit-varnish.....	53,302	May 29	122	1715
Ball, Thomas J., Chelsea Station, Mass. Food for babies and invalids.....	53,772	June 12	122	2379
Ball, Webster C., Cleveland, Ohio. Watches.....	54,239	June 26	122	2987
Ball, Webster C., Cleveland, Ohio. Watches.....	57,492	Nov. 13	125	659
Ball, Webster C., Cleveland, Ohio. Watches.....	57,631	Nov. 27	125	1339
Ball, Webster C., Cleveland, Ohio. Watches.....	57,632	Nov. 27	125	1339
Ball, Webster C., Cleveland, Ohio. Watches.....	57,633	Nov. 27	125	1339
Ball, Webster C., Cleveland, Ohio. Watches.....	57,634	Nov. 27	125	1339
Ball, Webster C., Cleveland, Ohio. Watches.....	57,692	Nov. 27	125	1340
Ball, Webster C., Cleveland, Ohio. Watches.....	57,693	Nov. 27	125	1340
Ball & Wood Co., Elizabeth, N. J., and New York, N. Y. Welded flanges.....	56,267	Sept. 4	124	314
Ballard & Ballard Co., Louisville, Ky. Wheat-flour.....	52,969	May 22	122	1388
Ballard & Ballard Co., Louisville, Ky. Wheat-flour.....	52,970	May 22	122	1388
Ballard, James F., St. Louis, Mo. Topical remedies.....	51,337	Apr. 10	121	1973
Ballard, James F., St. Louis, Mo. Liniment.....	51,603	Apr. 17	121	2320
Ballard, James F., St. Louis, Mo. Germicide and antiseptic compound.....	51,604	Apr. 17	121	2320
Ballard, James F., St. Louis, Mo. Medicine employed as a tonic, appetizer, and strengthener.....	51,919	Apr. 24	121	2658
Ballard, James F., St. Louis, Mo. Antiseptics or germicides.....	53,196	May 29	122	1711
Ballard, James F., St. Louis, Mo. Antiseptics or germicides.....	53,197	May 29	122	1711
Ballard, James F., St. Louis, Mo. Germicide and an antiseptic compound.....	53,239	May 29	122	1712
Ballard, James F., St. Louis, Mo. Vermifuge.....	53,512	June 5	122	2053
Ballard, James F., St. Louis, Mo. Pills.....	55,628	Aug. 21	123	2612
Ballou & Company, B. A., Providence, R. I. Certain named jewelry.....	58,294	Dec. 11	125	2040
Ballou, Harry G., Rhyolite, Nev. Medicinal preparations for diseases of the blood, brain, and nerves.....	50,359	Mar. 13	121	682
Balme, J. B. Clément, New York, N. Y. Hair-dressing.....	54,263	June 26	122	2988
Balsa Hermanos, Vera Cruz, Mexico. Cigars.....	48,617	Jan. 9	120	647
Balston, Richard J., Springfield Mill, Maidstone, England. Writing and drawing papers.....	55,304	Aug. 14	123	2300
Balston, Richard J., Springfield Mill, Maidstone, England. Writing and drawing papers.....	55,305	Aug. 14	123	2300
Balston, Richard J., Springfield Mill, Maidstone, England. Writing and drawing papers.....	57,014	Oct. 30	124	2896
Balston, Richard J., Springfield Mill, Maidstone, England. Writing and drawing papers.....	57,015	Oct. 30	124	2896
Baltimore Belting Company, Baltimore, Md. Leather belting.....	55,918	Aug. 21	123	2619
Baltimore Belting Company, Baltimore, Md. Leather belting.....	55,935	Aug. 21	123	2620
Baltimore Copper Smelting & Rolling Co., Baltimore, Md. Copper.....	52,751	May 15	122	1038
Bandon Packing Co., Bandon, Oreg. Canned salmon.....	54,888	July 31	123	1660
Banks, Winston T., Bonanza, Ark. Gun and blasting powder.....	54,320	June 26	122	2990
Banner Cigar Mfg. Co., Detroit, Mich. Cigars.....	50,395	Mar. 13	121	683
Banta & Son, F. J., Lima, Ohio. Chewing-gum.....	56,129	Aug. 28	123	2969
Bantam Anti-Friction Company, Bantam, Conn. Roller and ball bearings.....	56,912	Oct. 23	124	2529
Barataria Canning Co., Biloxi, Miss. Packed shrimp.....	48,447	Jan. 2	120	315
Barber Milling Company, Minneapolis, Minn. Wheat-flour.....	56,511	Oct. 2	124	1517
Barber Milling Company, Minneapolis, Minn. Wheat-flour.....	56,676	Oct. 16	124	2172
Barber Milling Company, Minneapolis, Minn. Wheat-flour.....	57,576	Nov. 13	125	661
Barclay & Barclay, New York, N. Y. Medicinal soap.....	50,534	Mar. 20	121	1006
Barclay & Barclay, New York, N. Y. Medicinal soap.....	50,535	Mar. 20	121	1007
Barclay & Barclay, New York, N. Y. Medicinal soap.....	53,946	June 19	122	2675
Barclay & Barclay, New York, N. Y. Medicinal soap.....	53,947	June 19	122	2675
Barclay & Barclay, New York, N. Y. Hair and skin tonic.....	53,971	June 19	122	2676
Barclay & Barclay, New York, N. Y. Hair and skin tonic.....	54,006	June 19	122	2681
Barker, Brown & Co., Huntington, Ind. Men's and boys' leather shoes.....	58,621	Dec. 18	125	2358
Barnard & Leas Manufacturing Company, Moline, Ill. Shaking-bolts.....	49,818	Feb. 20	120	2435
Barnet Leather Co., New York, N. Y. Dull-black and colored calf-leather.....	50,603	Mar. 27	121	1336
Barnet Leather Co., New York, N. Y. Caneled leather.....	52,564	May 15	122	1031
Barnhardt, Elizabeth M., China Grove, N. C. Ointment.....	56,657	Oct. 16	124	2171
Barrett & Barrett, St. Paul, Minn. Cider.....	53,333	May 29	122	1716
Barrett, Denton & Lynn Company, Dalton, Ga. Wheat-flour.....	52,692	May 15	122	1036
Barrett, Denton & Lynn Company, Dalton, Ga. Wheat-flour.....	52,693	May 15	122	1036
Barrett, Denton & Lynn Company, Dalton, Ga. Wheat-flour.....	52,804	May 15	122	1041
Barrett Manufacturing Company, New York, N. Y. Ready tar and felt roofing.....	50,360	Mar. 13	121	682
Barrett Manufacturing Company, New York, N. Y. Building, roofing, and sheathing paper.....	50,846	Apr. 3	121	1658

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Barrett Manufacturing Company, New York, N. Y. Tar and pitch.....	51,166	Apr. 3	121	1672
Barrett Manufacturing Company, New York, N. Y. Roofing-felt.....	51,437	Apr. 17	121	2313
Barrett Manufacturing Company, New York, N. Y. Ready tar and felt roofing.....	52,691	May 15	122	1036
Barrett Manufacturing Company, New York, N. Y. Coal-tar paint.....	53,997	June 19	122	2677
Barrett Manufacturing Company, New York, N. Y. Roofing, sheathing, and building paper.....	55,556	Aug. 14	123	2307
Barrett Manufacturing Company, New York, N. Y. Roofing, sheathing, waterproofing, and building felt.....	55,919	Aug. 21	123	2619
Barrett Manufacturing Company, New York, N. Y. Ready tar and felt roofing.....	56,950	Oct. 30	124	2895
Barrett-White Company, Springfield, Ohio. Certain named chemical compound.....	52,435	May 8	122	720
Barrett, William H., Southport, England. Gasolene-motors and motor machinery and parts thereof.....	54,733	June 26	122	3007
Barrett, William L., Bristol, Conn. Glass-cutters.....	54,240	June 26	122	2987
Barron & Co., James S., New York, N. Y. Brooms and brushes.....	54,055	June 19	122	2679
Barron & Company, James S., New York, N. Y. Whisk-brooms.....	56,435	Sept. 25	124	1201
Barry & Co., T. D., Brockton, Mass. Leather boots and shoes.....	58,575	Dec. 18	125	2356
Barstow Stove Co., Providence, R. I. Stoves, ranges, furnaces, and boilers.....	49,269	Jan. 30	120	1470
Bartel, Rudolph F., New York, N. Y. Suspenders for wearing-apparel.....	50,711	Mar. 27	121	1340
Barth, Jacob S., Indianapolis, Ind. Gravity-creamers.....	54,371	June 26	122	2993
Barthel, Gustav, Dresden, Germany. Stoves, heaters, burners, and blow-lamps.....	57,438	Nov. 13	125	658
Bartz, Wygant & Brown, Hornellsville, N. Y. Electric motors.....	50,639	Mar. 27	121	1337
Basilio & Calandra, New York, N. Y. Cordials.....	52,241	May 1	122	348
Bass-Hueter Paint Co., San Francisco, Cal. Prepared paints.....	57,878	Dec. 4	125	1689
Bass-Hueter Paint Co., San Francisco, Cal. Prepared paints.....	57,879	Dec. 4	125	1689
Bastrup, Louis, <i>et al.</i> , administrators. (See Canepa, John B.).....				
Bates, Theodore C., North Brookfield, Mass. Spring-water.....	50,847	Apr. 3	121	1658
Batjer & Co., New York, N. Y. Rye whisky.....	53,414	June 5	122	2048
Battista, Onorato, Naples, Italy. Remedies for nervous disorders.....	55,936	Aug. 21	123	2620
Battista, Onorato, Naples, Italy. Remedies for epilepsy.....	58,389	Dec. 11	125	2043
Battrell-Whittinghill Shoe Co., St. Joseph, Mo. Leather shoes.....	48,495	Jan. 2	120	317
Batty & Co., Limited, London, England. Sauces.....	56,582	Oct. 9	124	1838
Batty & Co., Limited, London, England. Pickles.....	56,583	Oct. 9	124	1838
Bauer & Black, Chicago, Ill. Corn and bunion plasters.....	54,264	June 26	122	2988
Bauer, Charles W., St. Louis, Mo. Whisky.....	53,027	May 22	122	1391
Bauer & Cie. (See Lüthi & Buhtz, assignors.).....				
Bauer & Co., Berlin, Germany. Dietetic albuminous preparations.....	53,028	May 22	122	1391
Baugh & Sons Company, Philadelphia, Pa. Bone phosphate.....	49,371	Feb. 6	120	1813
Baum and Sons, Adam, Philadelphia, Pa. Whisky.....	56,062	Aug. 21	123	2623
Baum & Sons, Adam, Philadelphia, Pa. Whisky.....	57,671	Nov. 27	125	1340
Baum & Sons, Adam, Philadelphia, Pa. Whisky.....	57,694	Nov. 27	125	1340
Baumann-Klage Co., Chicago, Ill. Absorbent paints or stains.....	52,436	May 8	122	720
Baumeister, Hattie, New York, N. Y. Pianos.....	50,581	Mar. 27	121	1335
Bausher, Thomas D., Reading, Pa. Chemical composition used as a fire-kindler.....	56,436	Sept. 25	124	1202
Bautz, Edward F., Pittsburg, Pa. Liniment.....	51,920	Apr. 24	121	2659
Baxter & Bro., H. C., Brunswick, Me. Canned lobster.....	54,183	June 19	122	2684
Baxter Bros. Co., Brunswick, Me. Canned vegetables.....	52,242	May 1	122	348
Baxter, Hartley C., Brunswick, Me. Canned lobster and canned mackerel.....	52,694	May 15	122	1096
Baxter, Hartley C., Brunswick, Me. Canned fruits and vegetables.....	53,773	June 12	122	2379
Baxter, Hartley C., Brunswick, Me. Canned fish, canned lobsters, canned clams, and canned clam-chowder.....	54,157	June 19	122	2683
Baxter, Marion B., Seattle, Wash. External and internal remedies.....	51,921	Apr. 24	121	2659
Bay State Milling Company, Winona, Minn., and Boston, Mass. Wheat-flour.....	50,604	Mar. 27	121	1336
Bay State Milling Company, Winona, Minn., and Boston, Mass. Wheat-flour.....	53,160	May 29	122	1709
Bay State Optical Company, Attleboro, Mass. Spectacle and eyeglass frames.....	50,805	Apr. 3	121	1657
Bayer, David, Columbus, Ohio. Bread.....	55,197	Aug. 7	123	1984
Bayles Distributing Co., Kansas City, Mo. Antiseptic adhesive poultice-plaster.....	52,591	May 15	122	1032
Bayles, James C., New York, N. Y. Disinfectant antiseptic powder.....	54,961	Aug. 7	123	1978
Beach Soap Company, Lawrence, Mass. Laundry and toilet soap and soap powder.....	49,372	Feb. 6	120	1813
Beacon Ointment Co., Chicago, Ill. Ointments and salves.....	54,962	Aug. 7	123	1978
Beadenkopf, Martin, Wilmington, Del. Leather known as kid.....	49,463	Feb. 6	120	1816
Beadleston & Woerz, New York, N. Y. Beers.....	54,097	June 19	122	2681
Beadleston & Woerz, New York, N. Y. Lager-beer.....	54,128	June 19	122	2682
Beadleston & Woerz, New York, N. Y. Porter and stout.....	56,598	Oct. 9	124	1838
Beall, William E., New York, N. Y. Fermented milk beverages.....	55,873	Aug. 21	123	2618
Beals & Torrey Shoe Co., Milwaukee, Wis. Men's, youths', and boys' leather shoes.....	52,056	May 1	122	341
Beam & Company, M. C., Gethsemane, Ky. Whisky.....	48,650	Jan. 9	120	648
Beam, John H., Early Times, Ky. Whisky.....	51,259	Apr. 10	121	1970
Beam, John H., Early Times, Ky. Whisky.....	56,677	Oct. 16	124	2172
Bean, Moses L., Salisbury, N. C. Whisky.....	51,577	Apr. 17	121	2319
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Leather boots and shoes.....	55,018	Aug. 7	123	1980
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Women's leather shoes.....	55,019	Aug. 7	123	1980
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Leather boots and shoes.....	55,020	Aug. 7	123	1980
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Leather boots and shoes.....	55,021	Aug. 7	123	1980
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Children's leather and canvas shoes.....	55,022	Aug. 7	123	1980
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Women's leather shoes.....	55,023	Aug. 7	123	1980
Beasley Harwood Shoe Co. Inc., Lynchburg, Va. Leather boots and shoes.....	56,408	Sept. 25	124	1201
Beaumont, Ferdinand, New York, N. Y. Croustades.....	50,218	Mar. 6	121	331
Beaumont, Ferdinand, New York, N. Y. Croustades.....	51,338	Apr. 10	121	1973
Beaumont & Fils, S., Roubaix, France. Hair-pins.....	54,734	June 26	122	3007
Beaumont & Fils, S., Roubaix, France. Hair-wavers.....	55,591	Aug. 21	123	2611
Beck, Victor E., New York, N. Y. Tonics and remedies for dyspepsia and stomach troubles.....	50,035	Feb. 27	120	2749
Beck, Victor E., New York, N. Y. Tonics and remedies for dyspepsia and stomach and intestinal disorders.....	52,805	May 15	122	1041
Becken, Albert C., Chicago, Ill. Alarm-clocks.....	49,027	Jan. 23	120	1155
Becker, Ferdinand W., Philadelphia, Pa. Carbonated water.....	53,587	June 5	122	2056
Becker, Francis L., deceased; G. L. Becker, executor, New York, N. Y. Pegs and chin and shoulder rests.....	53,774	June 12	122	2379
Becker, Gustav L., executor. (See Becker, Francis L.).....				
Becker, Josephine, Brooklyn, N. Y. Games of chance.....	57,288	Nov. 13	125	653
Becker, Simon, Spartanburg, S. C. Ginger-ale.....	51,438	Apr. 17	121	2313
Beckwith, Philo D., deceased; F. E. Lee and W. G. Howard, Dowagiac, Mich., executors. Steel range.....	52,207	May 1	122	347
Beckwith, Philo D., deceased; F. E. Lee and W. G. Howard, Dowagiac, Mich., executors. Stoves, furnaces, and ranges.....	55,854	Aug. 21	123	2618
Beckwith, Philo D., deceased; F. E. Lee and W. G. Howard, Dowagiac, Mich., executors. Cook stoves and ranges.....	56,454	Sept. 25	124	1202
Bedell Company, New York, N. Y. Cloaks, dress-skirts, and dress-waists, and tailor-made suits.....	55,049	Aug. 7	123	1980

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Bedell Company, New York, N. Y. Certain named clothing.....	56,317	Sept. 11	124	619
Bedford, John M., Paris, Ky. Flavoring-syrup for soda-water.....	57,992	Dec. 4	125	1692
Beebe-Webber Company, Holyoke, Mass. Woolen piece goods.....	54,489	June 26	122	2997
Beebe-Webber Company, Holyoke, Mass. Woolen piece goods.....	55,629	Aug. 21	123	2612
Beech Hill Distilling Co., Cincinnati, Ohio. Whisky.....	58,099	Dec. 4	125	1694
Beecham, Joseph, St. Helens, England. Pills.....	54,168	June 19	122	2083
Beecham, Joseph, St. Helens, England. Pills.....	54,241	June 26	122	2987
Beecham, Joseph, St. Helens, England. Pills.....	54,242	June 26	122	2987
Beerwald & Levin, New York, N. Y. Lubricating-grease.....	50,456	Mar. 20	121	1003
Behr & Co., Herman, New York, N. Y. Paper and cloth coated with abrasive material.....	56,226	Sept. 4	124	313
Behr & Co., Herman, New York, N. Y. Paper and cloth coated with abrasive material.....	56,227	Sept. 4	124	313
Behr & Co., Herman, New York, N. Y. Paper and cloth coated with abrasive material.....	57,289	Nov. 13	125	653
Beiersdorf & Co., P., Hamburg-Eimsbüttel, Germany. Plasters and salves.....	55,658	Aug. 21	123	2612
Beiersdorf & Company, P., Hamburg, Germany. Medical plasters.....	57,159	Nov. 6	125	343
Beimes, Frederick H., St. Louis, Mo. Coffee in the bean.....	55,920	Aug. 21	123	2619
Beimes, Frederick H., St. Louis, Mo. Coffee in the bean.....	57,695	Nov. 27	125	1340
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass. Corn-planters.....	55,231	Aug. 7	123	1985
Bell, Jesse D., Dawson, Ga. Pomade.....	53,513	June 5	122	2053
Bell Wire Company, New York, N. Y. Barbed wire.....	56,712	Oct. 16	124	2173
Belle Waist Co., Boston, Mass. Ladies' shirt-waists.....	54,490	June 26	122	2997
Belmont Distillery Company, Louisville, Ky. Whisky.....	58,295	Dec. 11	125	2040
Belmont Distilling Co., Louisville, Ky. Whisky.....	48,676	Jan. 9	120	649
Belmont Distilling Co., Louisville, Ky. Whisky.....	48,677	Jan. 9	120	649
Belton Mills, Belton, S. C. Sheetings.....	55,966	Aug. 21	123	2621
Ben J. Goldman Co., San Francisco, Cal. Whisky.....	52,126	May 1	122	343
Ben J. Goldman Co., San Francisco, Cal. Whisky.....	53,399	June 5	122	2048
Ben J. Goldman Co., San Francisco, Cal. Gin.....	55,802	Aug. 21	123	2616
Benbow-Brammer Manufacturing Company, St. Louis, Mo. Rotary washing-machines.....	52,437	May 8	122	720
Benbow-Brammer Manufacturing Company, St. Louis, Mo. Rotary washing-machines.....	56,386	Sept. 18	124	902
Benbow-Brammer Manufacturing Company, St. Louis, Mo. Rotary washing-machines.....	57,743	Nov. 27	125	1341
Benbow-Brammer Manufacturing Company, St. Louis, Mo. Rotary washing-machines.....	57,937	Dec. 4	125	1690
Benda, George, New York, N. Y. Bronze-powders and bronzing liquids.....	55,844	Aug. 21	123	2617
Benger's Food, Limited, Manchester, England. Farinaceous food.....	56,599	Oct. 9	124	1838
Bengué, Jules, Paris, France. Pastils for throat.....	57,844	Nov. 27	125	1344
Bengué, Jules, Paris, France. Purgative pastils.....	58,823	Dec. 25	125	2755
Bengué, Jules, Paris, France. Tonic pastils.....	58,824	Dec. 25	125	2755
Benjamin Atha & Company, Newark, N. J. Gears.....	53,972	June 19	122	2676
Benjamin, George G., New York, N. Y. Certain named clothing.....	58,968	Dec. 25	125	2759
Benjamin & Johns, Newark, N. J. Corsets and corset-waists.....	57,802	Nov. 27	125	1343
Benners, Edwin H., New York, N. Y. Car-bolster.....	55,729	Aug. 21	123	2614
Bentley & Olmsted Company, Des Moines, Iowa. Rubber boots, shoes, and sandals.....	51,069	Apr. 3	121	1668
Bentley & Olmsted Company, Des Moines, Iowa. Leather boots and shoes.....	51,181	Apr. 10	121	1967
Berel, Arthur, New York, N. Y. Waterproof textile fabric.....	49,991	Feb. 27	120	2747
Berel, Arthur, New York, N. Y. Covert cloths, venetians, broadcloths, and chevriots.....	50,774	Mar. 27	121	1343
Berger Bros. Co., Philadelphia, Pa. Oven-turnbuckles and wrought-iron pipe-strap.....	53,617	June 5	122	2057
Berger & Co., Albert, New York, N. Y. Watch-glasses.....	50,957	Apr. 3	121	1663
Bergin & Brady Co., Columbus, Ohio. Whisky.....	56,437	Sept. 25	124	1202
Bergner & Engel Brewing Co., Philadelphia, Pa. Beer.....	52,635	May 15	122	1034
Bergstrom Stove Co., Neenah, Wis. Stoves and ranges.....	52,127	May 1	122	343
Berkfeld-Filter Gesellschaft, G. m. b. H., Celle, Germany. Filtering apparatus and filter-cylinders.....	50,921	Apr. 3	121	1661
Berkowitz, Armin, Hamilton, Ohio. Whisky.....	53,588	June 5	122	2058
Berkowitz, Armin, Hamilton, Ohio. Whisky.....	55,281	Aug. 14	123	2299
Bernard Gebrüder, Offenbach-on-the-Main, Germany. Smoking-tobacco, chewing-tobacco, and snuff.....	55,530	Aug. 14	123	2306
Bernheim Distilling Co., Inc., Louisville, Ky. Whisky.....	48,571	Jan. 2	120	320
Bernheim Distilling Co., Inc., Louisville, Ky. Malt extracts.....	50,087	Mar. 6	121	326
Bernheim Distilling Co., Inc., Louisville, Ky. Whisky.....	55,232	Aug. 7	123	1985
Bernheim Distilling Co., Inc., Louisville, Ky. Medicinal preparation of meat and malt.....	58,056	Dec. 4	125	1693
Bernheim, Röse, Piersee-Augsburg, Germany. Chemical finishing compound.....	49,512	Feb. 6	120	1818
Bernheim, Röse, Piersee-Augsburg, Germany. Chemical finishing compound.....	57,493	Nov. 13	125	659
Berry & Co., C., Boston, Mass. Cocktails.....	53,911	June 12	122	2385
Berry Hill Mineral Spring Co. of Va., Washington, D. C. Mineral water.....	49,733	Feb. 13	120	2121
Bessemer Limestone Company, Bessemer, Pa. Earthenware and earthenware blocks and sewer-pipes.....	57,726	Nov. 27	125	1341
Best, Ernst M., New York, N. Y. Magazine.....	53,137	May 29	122	1708
Best Gum Co., Louisville, Ky. Chewing-gum.....	53,618	June 5	122	2057
Best, John H., Galva, Ill. Display-racks.....	53,161	May 29	122	1709
Best Supply Company. (See Clyne, Mary E., assignor.).....				
Beston, Rafala S., New York, N. Y. Canned pears.....	49,898	Feb. 20	120	2437
Bethesda Cigar Co., Bethesda, Ohio. Cigars.....	57,776	Nov. 27	125	1342
Betts, Edwin, Newark, N. J. Certain named powders.....	52,128	May 1	122	343
Bey, Vely, Chicago, Ill. Cigarettes.....	58,673	Dec. 25	125	2751
Beyer Bros. Co., Rochester, Ind. Butter.....	51,277	Apr. 10	121	1970
Beyer Brothers Commission Company, Providence, R. I.; Boston, Mass., and New York, N. Y. Eggs.....	53,458	June 5	122	2050
Bickmore Gall Cure Company, Old Town, Me. Salve.....	50,712	Mar. 27	121	1340
Bickmore Gall Cure Company, Old Town, Me. Salve or ointment.....	53,198	May 29	122	1711
Bickmore Gall Cure Company, Old Town, Me. Salve.....	56,600	Oct. 9	124	1838
Bickmore Gall Cure Company, Old Town, Me. Salve.....	56,601	Oct. 9	124	1838
Bickmore Gall Cure Company, Old Town, Me. Gall cure.....	56,602	Oct. 9	124	1838
Bigbie Bros. & Co., Lynchburg, Va. Whisky.....	49,759	Feb. 13	120	2122
Bigbie Bros. & Co., Lynchburg, Va. Whisky.....	54,032	June 19	122	2678
Bigelow Carpet Company, Boston, Mass. Woven carpets and rugs.....	51,117	Apr. 3	121	1670
Bigelow Carpet Company, Boston, Mass. Woven carpets and rugs.....	52,673	May 15	122	1035
Biggins, J. W., Sheffield, England. Knives, scissors, and razors.....	57,439	Nov. 13	125	658
Bigham, John, Pittsburg, Pa. Rolling-ball puzzles.....	53,138	May 29	122	1709
Bilster, Benjamin F., Huntington, Ind. Magazine or periodical.....	58,622	Dec. 18	125	2358
Billboard Publishing Company, Cincinnati, Ohio. Weekly newspaper.....	49,228	Jan. 30	120	1469
Billings Clapp Company, Boston, Mass. Alterative medicine.....	49,118	Jan. 23	120	1159
Billings, Edith E., West Springfield, Mass. Squabs.....	53,775	June 12	122	2379
Billingslea, Ellis A., Fairmont, W. Va. Remedy for certain named diseases.....	55,884	Aug. 21	123	2618
Binger, Arnold, New York, N. Y. Advertising window display-cards.....	56,744	Oct. 16	124	2173
Binnev & Smith Company, New York, N. Y. Glue.....	55,531	Aug. 14	123	2306
Binswanger & Bro., Simon, St. Joseph, Mo. Whisky.....	51,723	Apr. 24	121	2651
Binswanger & Bro., Simon, St. Joseph, Mo. Malt whisky.....	52,504	May 8	122	723
Binswanger & Bro., Simon, St. Joseph, Mo. Whisky.....	53,266	May 29	122	1714

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Bios Laboratory Co., Incorporated, Danbury, Conn. Phosphatic tonic.....	49,881	Feb. 20	120	2436
Bird-Archer Company, New York, N. Y. Chemical compounds.....	50,995	Apr. 3	121	1665
Bird, Clinton H., New Haven, Conn. Instrument for measuring the capacity of the lungs.....	50,457	Mar. 20	121	1003
Bird & Co., J. A. & W., Boston, Mass. Insulating and sheathing paper and cloth.....	52,655	May 15	122	1035
Bird & Co., J. A. & W., Boston, Mass. Belting.....	58,248	Dec. 11	125	2039
Bird & Son, F. W., Walpole, Mass. Waterproof papers.....	50,676	Mar. 27	121	1339
Bird & Son, F. W., Walpole, Mass. Roof and building paper.....	52,087	May 1	122	342
Birdsey & Somers, New York, N. Y. Corsets.....	49,702	Feb. 13	120	2120
Birdsey & Somers, New York, N. Y. Corsets.....	49,703	Feb. 13	120	2120
Birdsey & Somers, New York, N. Y. Corsets.....	51,167	Apr. 3	121	1672
Birdsey & Somers, New York, N. Y. Corsets.....	52,354	May 8	122	717
Birdsey & Somers, New York, N. Y. Corsets.....	52,674	May 15	122	1035
Birdsey & Somers, New York, N. Y. Corsets.....	52,675	May 15	122	1035
Birdsey & Somers, New York, N. Y. Corsets.....	52,676	May 15	122	1036
Birdsey Somers Co., New York, N. Y. Corsets.....	52,032	May 1	122	340
Birkhead, John W., Dallas, Tex. Non-alcoholic beverages.....	48,572	Jan. 2	120	320
Birkmeyer & Sons, John F., Baltimore, Md. Candy.....	54,930	Aug. 7	123	1977
Birkmeyer & Sons, John F., Baltimore, Md. Candy.....	55,365	Aug. 14	123	2301
Birmingham Fertilizer Company, Birmingham, Ala. Fertilizers.....	55,921	Aug. 21	123	2619
Birmingham Small Arms Co. Ltd., Birmingham, England. Automobiles and their component parts.....	50,830	Apr. 3	121	1658
Birmingham Small Arms Co. Ltd., Birmingham, England. Cycles, motor-cycles, and parts thereof.....	50,890	Apr. 3	121	1660
Bisbee, Fred S., Benton Harbor, Mich. Certain named fabrics.....	51,220	Apr. 10	121	1968
Bischoff & Co., C., New York, N. Y. Anilin dyestuffs.....	51,631	Apr. 17	121	2321
Bischoff, Ernst, New York, N. Y. Iron tonics.....	51,203	Apr. 10	121	1968
Bischoff, Ernst, New York, N. Y. Remedy for the cure of rheumatism and gout.....	53,066	May 22	122	1393
Bischoff, Felix, Duisburg-on-the-Rhine, Germany. Steel, raw or in blocks, bars, sheets, or plates.....	58,437	Dec. 18	125	2353
Bischoff, Frederick, New York, N. Y. Cocoa and chocolate products.....	52,123	May 1	122	342
Bischoff, Frederick, New York, N. Y. Unsweetened chocolate and cocoa.....	55,366	Aug. 14	123	2302
Bischoff, Frederick, New York, N. Y. Certain named medicines.....	55,885	Aug. 21	123	2618
Bischoff, Frederick, New York, N. Y. Pulverized or powdered chocolate and cocoa.....	56,865	Oct. 23	124	2528
Bishop, Herbert F., Washington, D. C. Certain named medical compound.....	50,958	Apr. 3	121	1663
Bisi & Caprini, Pittsburg, Pa. Olive-oil.....	58,623	Dec. 18	125	2358
Bissell, Leavitt P., Suffield, Conn. Cigars.....	51,394	Apr. 17	121	2312
Bissell, Leavitt P., Suffield, Conn. Cigars.....	53,303	May 29	122	1715
Bister, John, New York, N. Y. Mercerized cotton cloth covered on one side with a sheet of rubber.....	58,624	Dec. 18	125	2358
Black & Co., H., Cleveland, Ohio. Certain named clothing.....	58,969	Dec. 25	125	2759
Black & Co., H., Cleveland, Ohio. Certain named clothing.....	58,970	Dec. 25	125	2759
Black Diamond Manufacturing Co., Cincinnati, Ohio. Roofing-paints.....	57,207	Nov. 6	125	344
Black Diamond Manufacturing Company, Cincinnati, Ohio. Belt-dressings.....	51,204	Apr. 10	121	1968
Black Diamond Manufacturing Company, Cincinnati, Ohio. Belt-dressings.....	51,205	Apr. 10	121	1968
Black Diamond Medicine Company, Cowlesville, N. Y. Medical preparations.....	51,182	Apr. 10	121	1967
Blackburn, Ira R., Dayton, Ohio. Castor-oil in the form of pellets.....	50,361	Mar. 13	121	682
Blackman & Griffin Co., Ogden, Utah. Butter and cheese.....	58,127	Dec. 4	125	1695
Blackwell's Durham Tobacco Co., New York, N. Y. Smoking-tobacco.....	54,491	June 26	122	2997
Blair, Henry A., San Antonio, Tex. Remedies for certain named diseases.....	50,922	Apr. 3	121	1661
Blair, Henry A., San Antonio, Tex. Certain named medicinal preparations.....	52,769	May 15	122	1039
Blake, John H., New York, N. Y. Medicine for women's diseases.....	56,886	Oct. 23	124	2529
Blakeslee, Havilah A., Hartford, Conn. Soap of paste-like consistency.....	53,998	June 19	122	2677
Blakesley-Tuttle Stove Co., Kansas City, Mo. Heating and cooking stoves and ranges.....	58,213	Dec. 11	125	2038
Blakey's Boot Protectors, Limited, Leeds, England. Boot-protectors of metal.....	53,092	May 29	122	1707
Blakey's Boot Protectors, Limited, Leeds, England. Boot-protectors of metal and of metal and rubber together.....	53,114	May 29	122	1708
Blanchard, Joseph, Minneapolis, Minn. Lotion.....	56,016	Oct. 30	124	2896
Blanchard, Young & Co., Providence, R. I. Souvenir post-cards.....	55,367	Aug. 14	123	2302
Bland, Frank G., Clarksburg, W. Va. Liquid vegetable compound for the cure of rheumatism.....	50,959	Apr. 3	121	1663
Blandola Company, Limited, Whaley Bridge, near Stockport, England. Vegetable gelatin and finishing-sizing.....	56,228	Sept. 4	124	313
Blanke-Wenneker Candy Company, St. Louis, Mo. Caramels.....	55,804	Aug. 21	123	2616
Blankenburg & Co., R., Philadelphia, Pa. Woolen and worsted yarns.....	54,321	June 26	122	2990
Bleistiftfabrik vormals Johann Faber Actien-Gesellschaft, Nuremberg, Germany. Lead-pencils and penholders.....	58,701	Dec. 25	125	2751
Blenio Fireproofing Co., New York, N. Y. Fireproof compositions or compounds.....	55,557	Aug. 14	123	2307
Bligh, Martin J., Logansport, Ind. Whisky.....	51,260	Apr. 10	121	1970
Bligh, Martin J., Logansport, Ind. Whisky.....	55,967	Aug. 21	123	2621
Bligh, Martin J., Logansport, Ind. Whisky.....	57,324	Nov. 13	125	654
Block Bros. Tobacco Co., Wheeling, W. Va. Chewing and smoking tobacco.....	52,944	May 22	122	1387
Block Brothers Tobacco Company, Wheeling, W. Va. Chewing and smoking tobacco.....	49,061	Jan. 23	120	1157
Block Brothers Tobacco Company, Wheeling, W. Va. Chewing and smoking tobacco.....	56,203	Sept. 4	124	313
Block & Neuburger, Mobile, Ala. Dress-shirts, collars, and cuffs.....	49,760	Feb. 13	120	2122
Block, Harry E., St. Louis, Mo. Whisky.....	50,960	Apr. 3	121	1663
Block Light Company, New York, N. Y. Incandescent mantles for gas-lamps.....	51,013	Apr. 3	121	1665
Block & Sons, Elias, Cincinnati, Ohio. Whisky.....	49,992	Feb. 27	120	2747
Block & Sons, Elias, Cincinnati, Ohio. Whisky.....	57,017	Oct. 30	124	2896
Blodgett, Ordway & Webber, Boston, Mass. Woolen batistes.....	55,592	Aug. 21	123	2611
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton.....	52,033	May 1	122	340
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton.....	52,088	May 1	122	342
Blondeau, Berque & Co., Rheims, France. Champagne.....	55,803	Aug. 21	123	2616
Blondeau, Berque & Co., Rheims, France. Champagne.....	57,325	Nov. 13	125	654
Blood & Co., John, Philadelphia, Pa. Hosiery.....	50,143	Mar. 6	121	328
Blood, Ernest, Philadelphia, Pa. Hosiery.....	52,877	May 22	122	1385
Bloomington Canning Co., Bloomington, Ill. Canned fruits and vegetables.....	52,129	May 1	122	343
Bloomington Canning Co., Bloomington, Ill. Canned vegetables.....	54,915	Aug. 7	123	1977
Bloomington Canning Company, Bloomington, Ill. Canned corn.....	58,625	Dec. 18	125	2358
Bloomington Canning Company, Bloomington, Ill. Canned corn.....	58,626	Dec. 18	125	2358
Blue Ribbon Candy Company of Baltimore City, Baltimore, Md. Chocolate creams, caramels, and candies.....	53,716	June 12	122	2377
Blue Rock Mineral Spring Company, Louisville, Ky. Natural, concentrated, and carbonated mineral water.....	50,677	Mar. 27	121	1339
Blue Seal Supply Co., Boston, Mass. Carbonated tonic beverage and the extract for making the same.....	52,945	May 22	122	1387
Blue Seal Supply Co., Boston, Mass. Extracts employed in making beverages.....	56,713	Oct. 16	124	2173
Blue Seal Supply Co., Boston, Mass. Carbonated tonic beverage.....	58,971	Dec. 25	125	2759
Blue Valley Creamery Company, St. Joseph, Mo. Butter.....	53,240	May 29	122	1712
Blum & Koch, New York, N. Y. Straw hats.....	55,414	Aug. 14	123	2303
Blumenkrohn Crochet Button Works, New York, N. Y. Neckwear-supporters.....	58,576	Dec. 18	125	2356

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Blumenthal Bros., New York N. Y. Dentifrice.....	52,167	May 1	122	345
Blumenthal, Sigmund, New York, N. Y. Strings for violins, guitars, zithers, and banjos.....	50,123	Mar. 6	121	327
Blumenthal, Sigmund, New York, N. Y. Strings for violins, guitars, zithers, and banjos.....	50,124	Mar. 6	121	327
Blumenthal, Sigmund, New York, N. Y. Strings for violins, guitars, zithers, and banjos.....	51,980	May 1	122	338
Blumenthal, Sigmund, New York, N. Y. Strings for violins, guitars, zithers, and banjos.....	52,004	May 1	122	339
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	50,167	Mar. 6	121	329
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	51,118	Apr. 3	121	1670
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	52,460	May 8	122	721
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	52,565	May 15	122	1031
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	53,029	May 22	122	1391
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	53,619	June 5	122	2057
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	55,200	Aug. 14	123	2299
Bluthenthal & Heilbronner, Memphis, Tenn. Whisky.....	49,011	Jan. 23	120	1155
Boehlke, Richard A. (See Benton, Edward, assignor.)				
Boehmke Wine Company, Cleveland, Ohio. Whisky.....	56,913	Oct. 23	124	2529
Boekel and Company, William, Philadelphia, Pa. Laryngoscopes.....	50,323	Mar. 13	121	681
Boettger, Fredrick, Peoria, Ill. Medicine for the cure of enuresis and kindred troubles.....	48,519	Jan. 2	120	318
Boettger, Fredrick, Peoria, Ill. Medicine for stopping excessive perspiration.....	50,219	Mar. 6	121	331
Boker, Carl F., New York, N. Y. Anvils.....	49,144	Jan. 23	120	1160
Boker, Carl F., New York, N. Y. Scissors.....	50,458	Mar. 20	121	1003
Boker, Carl F., New York, N. Y. Pocket-knives.....	52,566	May 15	122	1031
Boker, Carl F., New York, N. Y. Pocket-knives.....	53,115	May 29	122	1708
Boker, Carl F., New York, N. Y. Pocket-knives.....	57,033	Oct. 30	124	2897
Böker & Co., Heinrich, Solingen, Germany. Pocket-knives.....	50,868	Apr. 3	121	1659
Bon Ami Company, New York, N. Y. Scouring-soap.....	49,628	Feb. 13	120	2117
Bon Ami Company, New York, N. Y. Scouring-soap.....	50,848	Apr. 3	121	1658
Bon-Bon Company, New York, N. Y. Chewing-gum.....	54,463	June 26	122	2996
Bond, Harry L., Wheeling, W. Va. Leather boots and shoes.....	50,605	Mar. 27	121	1336
Bond Manfg. Co., New York, N. Y. Suspenders.....	57,134	Nov. 6	125	342
Bondy, Adolph, Chicago, Ill. Bitters.....	56,438	Sept. 25	124	1202
Bondy, B., New York, N. Y. Whisky.....	52,193	May 1	122	346
Bonnie Bros., Louisville, Ky. Gin.....	58,334	Dec. 11	125	2041
Bonnie & Co., Louisville, Ky. Whisky.....	56,439	Sept. 25	124	1202
Bonyman, Frederick E., Boston, Mass. Medicine for diphtheria and rheumatism.....	50,220	Mar. 6	121	331
Boogher, Force & Goodbar Hat Company, St. Louis, Mo. Hats.....	50,961	Apr. 3	121	1663
Boogher, Force and Goodbar Hat Company, St. Louis, Mo. Men's felt, wool, and straw hats.....	56,512	Oct. 2	124	1517
Book-Keeper Publishing Company, Ltd., Detroit, Mich. Monthly magazines.....	52,089	May 1	122	342
Boonville Mineral Spring Co., Utica, N. Y. Carbonated tonic beverage.....	54,464	June 26	122	2996
Boorum & Pease Company, New York, N. Y. Blank books, pads, and tablets.....	51,814	Apr. 24	121	2654
Booth Packing Company, Baltimore, Md. Canned fruits and vegetables.....	52,993	May 22	122	1389
Booth Packing Company, Baltimore, Md. Canned pineapple.....	53,267	May 29	122	1714
Booth Packing Company, Baltimore, Md. Canned oysters.....	53,415	June 5	122	2049
Booth Packing Company, Baltimore, Md. Canned fruits and vegetables.....	54,410	June 26	122	2994
Booth Packing Company, Baltimore, Md. Canned fruits and vegetables.....	57,135	Nov. 6	125	342
Booth Packing Company, Baltimore, Md. Canned fruits and vegetables.....	57,136	Nov. 6	125	342
Booth Packing Company, Baltimore, Md. Canned oysters.....	57,160	Nov. 6	125	343
Booth Packing Company, Baltimore, Md. Canned fruits and vegetables.....	58,179	Dec. 11	125	2037
Borated Specialty Company, Hartwick and Brooklyn, N. Y. Catamenial bandages.....	48,810	Jan. 16	120	892
Borated Specialty Company, New York, N. Y. Catamenial bandages.....	50,831	Apr. 3	121	1658
Borden's Condensed Milk Co., New York, N. Y. Condensed milk.....	50,036	Feb. 27	120	2749
Borden's Condensed Milk Co., New York, N. Y. Milk, condensed milk, cream, and evaporated cream.....	52,546	May 8	122	725
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk and evaporated cream.....	51,313	Apr. 10	121	1972
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,243	May 1	122	348
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,315	May 8	122	715
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,392	May 8	122	718
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,407	May 8	122	719
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,408	May 8	122	719
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,409	May 8	122	719
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,410	May 8	122	719
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,526	May 8	122	724
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,636	May 15	122	1034
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,637	May 15	122	1034
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,638	May 15	122	1034
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,639	May 15	122	1034
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	52,640	May 15	122	1034
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	53,776	June 12	122	2379
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	55,198	Aug. 7	123	1984
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Milk, cream, and buttermilk.....	55,233	Aug. 7	123	1985
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	56,204	Sept. 4	124	313
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	58,577	Dec. 18	125	2356
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Butter and cheese.....	58,578	Dec. 18	125	2357
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	58,627	Dec. 18	125	2358
Borden's Condensed Milk Co., Jersey City, N. J., and New York, N. Y. Condensed milk.....	58,628	Dec. 18	125	2358
Borden's Condensed Milk Company, Jersey City, N. J., and New York, N. Y. Certain named dairy products.....	58,579	Dec. 18	125	2357
Borgmann, William, Louisville, Ky. Whisky.....	56,440	Sept. 25	124	1302
Boss & Son, C. D., New London, Conn. Crackers and biscuits.....	56,346	Sept. 18	124	901
Boss & Son, C. D., New London, Conn. Crackers and biscuits.....	56,347	Sept. 18	124	901
Boss & Son, C. D., New London, Conn. Biscuits and crackers.....	56,415	Sept. 25	124	1201
Boss & Son, C. D., New London, Conn. Crackers and biscuits.....	57,577	Nov. 13	125	661
Boston Beer Company, Boston, Mass. Ale.....	51,776	Apr. 24	121	2653
Boston & Lockport Block Company, Boston, Mass. Pulleys, blocks, and parts thereof.....	49,849	Feb. 20	120	2435
Boston & Lockport Block Company, Boston, Mass. Pulleys, blocks, and parts thereof.....	50,869	Apr. 3	121	1659
Boston and Lockport Block Company, Lockport, N. Y., and Boston, Mass. Tackle and hoisting blocks and sheaves for the same.....	54,636	June 26	122	3003
Boston Molasses Co., Boston, Mass. Sugar.....	49,066	Jan. 23	120	1157
Boston Molasses Co., Boston, Mass. Molasses.....	49,513	Feb. 6	120	1519
Boston Varnish Company, Everett, Mass. Varnish, japan, driers, and liquid fillers.....	53,948	June 19	122	2675
Botany Worsted Mills, Fassaic, N. J., and New York, N. Y. Woolen or worsted fabrics.....	52,712	May 15	122	1037
Boucher, William, Baltimore, Md. Cigars.....	50,088	Mar. 6	121	326
Bouton and Germain Co., Ripon, Wis. Yellow horse-hide gloves and mittens.....	48,979	Jan. 16	120	898
Boutwell Milling & Grain Co., Troy, N. Y. Rye-flour.....	48,668	Jan. 9	120	649
Boutwell Milling & Grain Co., Troy, N. Y. Rye-flour.....	50,294	Mar. 6	121	334
Bouvier, Joseph A. W., Fall River, Mass. Teething and cooling powders.....	54,963	Aug. 7	123	1978

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Bouvier, Joseph A. W., Fall River, Mass. Teething and cooling powders and remedy for children's diseases.	54,964	Aug. 7	123	1978
Bovinine Company, New York, N. Y. Beef-juice.	48,863	Jan. 16	120	894
Bovril Limited, London, England, and Montreal, Canada. Syrups, flavorings, tonics, and extracts for non-intoxicating beverages.	48,907	Jan. 16	120	896
Bovril Limited, London, England. Extracts and essences of meat.	51,862	Apr. 24	121	2656
Bowden & Co., J. B., New York, N. Y. Finger-rings.	58,362	Dec. 11	125	2042
Bowen, James K., Allentown, Pa. Coffee.	55,659	Aug. 21	123	2613
Bowers, John L., Santa Clara, Cal. Packaged prunes.	58,878	Dec. 25	125	2756
Bowlby & Co., R. Y., Denton, Tex. Brazing compound.	52,168	May 1	122	345
Bowler Brothers (Limited), Worcester, Mass. Ale.	58,274	Dec. 11	125	2040
Bowles, Homer E., Muncie, Ind. Remedy for exterminating parasites.	53,876	June 12	122	2383
Bowman, Jeremiah B., Lititz, Pa. Cutters' extension-blades.	58,296	Dec. 11	125	2040
Bowsky, Max, New York, N. Y. Furs in the piece and fur garments.	52,946	May 22	122	1387
Boyer, Mary J., Baltimore, Md. Canned fruits and vegetables.	49,629	Feb. 13	120	2117
Boyer, Mary J., Baltimore, Md. Canned oysters, shrimp, lobsters, clams, and crabs.	55,922	Aug. 21	123	2619
Boylan, William H. H., Ann Arbor, Mich. Liquid waterproof preparation.	56,839	Oct. 23	124	2527
Boynton, Fred G., Boston, Mass. Condition-powders.	55,593	Aug. 21	123	2611
Boynton, Fred G., Boston, Mass. Liniment.	49,993	Feb. 27	120	2747
Boynton, Fred G., Boston, Mass. Purgative medicine.	49,994	Feb. 27	120	2747
Boynton, Frederic G., Boston, Mass. Condition-powders.	50,775	Mar. 27	121	1343
Brachvogel, Robert A., Chicago, Ill. Chewing-gum.	54,033	June 19	122	2678
Bracken, William C., Columbus, Ohio. Candies.	58,550	Dec. 18	125	2356
Brackett & Co., W. D., Boston, Mass. Leather shoes.	56,409	Sept. 25	124	1201
Bradford Dyers' Association, Limited, Bradford, England. Cotton sateens.	55,968	Aug. 21	123	2621
Bradford Dyers' Association, Limited, Bradford, England. Cloths and stuffs of wool, worsted, or hair.	58,275	Dec. 11	125	2040
Bradham, Caleb D., Newbern, N. C. Medicinal preparation.	51,314	Apr. 10	121	1972
Bradham, Caleb D., Newbern, N. C. Non-alcoholic tonic beverages.	51,959	May 1	122	337
Bradham, Caleb D., Newbern, N. C. Tonic beverage.	55,199	Aug. 7	123	1984
Bradley, Ada B., San Francisco, Cal. Certain named medicine.	51,514	Apr. 17	121	2316
Bradley, Ada B., San Francisco, Cal. Diuretic, laxative, diaphoretic, and tonic medicine.	55,969	Aug. 21	123	2621
Bradley & Metcalf Company, Milwaukee, Wis. Leather boots.	49,091	Jan. 23	120	1158
Bradley & Metcalf Company, Milwaukee, Wis. Leather boots and shoes.	52,825	May 22	122	1383
Bradley Smith & Co., New Haven, Conn. Candy.	48,945	Jan. 16	120	897
Bradley Smith & Co., New Haven, Conn. Candy.	49,169	Jan. 23	120	1161
Bradley & Son, D. R., New York, N. Y. Toilet soap.	50,536	Mar. 20	121	1007
Bradley & Son, D. R., New York, N. Y. Perfumes, toilet waters, extracts, and colognes.	53,840	June 12	122	2382
Bradley & Son, D. R., New York, N. Y. Perfumery, toilet waters, extracts, and colognes.	56,441	Sept. 25	124	1202
Bradley & Son, D. R., New York, N. Y. Toilet soap.	58,100	Dec. 4	125	1694
Braeburn Steel Company, Braeburn, Pa. Cast-steel.	51,759	Apr. 24	121	2652
Brainerd & Armstrong Company, New London, Conn. Silk threads and cords.	53,999	June 19	122	2677
Brand Brothers Company, Chicago, Ill. Syrups, flavorings, tonics, and extracts for non-intoxicating aerated beverages.	48,518	Jan. 2	120	317
Brand Brothers Company, Chicago, Ill. Whisky.	49,182	Jan. 30	120	1467
Brand Brothers Company, Chicago, Ill. Tonic for the regulation of the alimentary organs.	52,451	May 8	122	720
Brand Brothers Company, Chicago, Ill. Whisky.	53,416	June 5	122	2049
Brandle & Smith Co., Philadelphia, Pa. Candy.	52,005	May 1	122	339
Brandreth Co., Ossining and New York, N. Y. Certain proprietary remedy for external application to animals.	51,632	Apr. 17	121	2321
Brandreth Co., Ossining and New York, N. Y. Proprietary medicine.	53,199	May 29	122	1711
Brandreth Co., Ossining, N. Y. Medical compound.	53,581	June 5	122	2055
Brandt, L. A. H., Buffalo, N. Y. Hair-restorer.	50,713	Mar. 27	121	1340
Brandt, Max I., New York, N. Y. Solution for the treatment of the nose, mouth, and throat.	58,737	Dec. 25	125	2752
Brandt, Max I., New York, N. Y. Oily spray for the treatment of diseases of the nose, throat, and ears.	58,738	Dec. 25	125	2752
Brassar Company. (See Hinton, Jno., assignor.)				
Brater, John K., New York, N. Y. Remedies for asthma.	49,995	Feb. 27	120	2747
Braun & Fitts, Inc., Chicago, Ill. Butterin or oleomargarin.	48,908	Jan. 16	120	896
Braun & Fitts, Inc., Chicago, Ill. Butterin or oleomargarin.	48,980	Jan. 16	120	898
Braun & Fitts, Inc., Chicago, Ill. Butterin or oleomargarin.	48,981	Jan. 16	120	898
Braun & Fitts, Inc., Chicago, Ill. Butterin or oleomargarin.	48,982	Jan. 16	120	898
Braun & Fitts, Inc., Chicago, Ill. Butterin or oleomargarin.	49,761	Feb. 13	120	2122
Braun & Fitts, Inc., Chicago, Ill. Butterin.	51,119	Apr. 3	121	1670
Braun & Fitts, Inc., Chicago, Ill. Butterin or oleomargarin.	58,168	Dec. 11	125	2037
Braun & Fitts, Inc., Chicago, Ill. Butterin and oleomargarin.	58,551	Dec. 18	125	2356
Braun & Fitts, Inc., Chicago, Ill. Butterin and oleomargarin.	54,701	June 26	122	3006
Braun Manufacturing Co., Pittsburg, Pa. Wall-ties.	50,496	Mar. 20	121	1005
Brede-Lang Co., Dubuque, Iowa. Whisky.	51,740	Apr. 24	121	2651
Breen & Kennedy, Chicago, Ill. Whisky.	55,660	Aug. 21	123	2613
Breneman, Charles W., Cincinnati, Ohio. Shade-cloth.	56,387	Sept. 18	124	902
Breneman, Charles W., Cincinnati, Ohio. Shade-cloth.	56,388	Sept. 18	124	902
Brennan & Co. Southwestern Agricultural Works, Louisville, Ky. Seeding-machines.	57,137	Nov. 6	125	342
Brennan, John J., Worcester, Mass. Remedy for constipation.	53,200	May 29	122	1711
Brennan & Ward, Wilkes-Barre, Pa. Whisky.	58,335	Dec. 11	125	2041
Brennan & White, Brooklyn, N. Y. Leather boots and shoes.	58,911	Dec. 25	125	2757
Brennan & White, Brooklyn, N. Y. Leather boots and shoes.	58,912	Dec. 25	125	2757
Brennan & White, Brooklyn, N. Y. Leather boots and shoes.	58,913	Dec. 25	125	2757
Brennan & White, Brooklyn, N. Y. Leather boots and shoes.	58,914	Dec. 25	125	2757
Brentano's, New York, N. Y. Card-game-scoring devices.	55,050	Aug. 7	123	1980
Bresnahan & Son, T., Columbus, Ohio. Whisky.	55,661	Aug. 21	123	2613
Brewington, Henry S., Baltimore, Md. Writing-pens.	55,415	Aug. 14	123	2303
Bridgeport Athletic Manufacturing Co., Jersey City, N. J., and New York, N. Y. Certain named game apparatus and implements.	57,727	Nov. 27	125	1341
Bridgeport Athletic Manufacturing Co., Jersey City, N. J., and New York, N. Y. Certain named game apparatus and implements.	57,728	Nov. 27	125	1341
Bridgeport Gun Implement Company, Bridgeport, Conn. Gun-cleaning implements and loading-tools.	58,007	Dec. 4	125	1692
Bridgeport Wood Finishing Co., New Milford, Conn. Paints and varnishes.	58,236	Dec. 11	125	2039
Briggs & Co., John, Boston, Mass. Bronze-green paints.	51,273	Apr. 10	121	1970
Brigham Hopkins Company, Baltimore, Md. Straw hats.	48,976	Jan. 16	120	898
Brill Company, J. G., Philadelphia, Pa. Railway-car seats.	55,388	Aug. 14	123	2302
Bristol Company, Waterbury, Conn. Pressure-recorders.	55,532	Aug. 14	123	2306
Bristol Company, Waterbury, Conn. Thermometers and telethermometers.	55,533	Aug. 14	123	2306
Bristol Company, Waterbury, Conn. Electric meters.	55,534	Aug. 14	123	2306
Bristol-Myers Company, Brooklyn, N. Y. Certain named medicines.	51,922	Apr. 24	121	2659

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Bristol-Myers Company, Brooklyn, N. Y. Laxatives.	52,497	May 8	122	722
Bristol-Myers Company, Brooklyn, N. Y. Medicinal preparations in liquid and solid form for internal use.	53,030	May 22	122	1391
Bristol-Myers Company, Brooklyn, N. Y. Medicinal preparations in liquid and solid form for internal use.	53,031	May 22	122	1391
British Pluviusin Company, Limited, Manchester, England. Imitation leather.	56,487	Oct. 2	124	1517
Brittain Tobacco Works, Columbia, Tenn. Smoking-tobacco.	51,395	Apr. 17	121	2312
Brittain Tobacco Works, Columbia, Tenn. Smoking-tobacco.	51,879	Apr. 24	121	2657
Brockton Shoe Company. (See Moody, William A., assignor.)				
Brokaw Bros., New York, N. Y. Coats, vests, trousers, and overcoats.	54,542	June 26	122	2999
Bronson-Walton Company, Cleveland, Ohio. Coffee-mills.	53,717	June 12	122	2377
Brookman Manufacturing Company, Chicago, Ill. Lye and potash.	49,181	Jan. 30	120	1467
Broom & Newman, New York, N. Y. Men's dress-shirts.	53,877	June 12	122	2383
Brown & Co., H. H., Boston, Mass. Leather boots and shoes.	50,962	Apr. 3	121	1663
Brown & Company, L. P., Chicago, Ill. Electric soldering-tools.	52,900	May 22	122	1386
Brown, David S., New York, N. Y. Washing-powder.	54,771	July 31	123	1657
Brown, David S., New York, N. Y. Toilet soaps.	55,200	Aug. 7	123	1984
Brown, Durrell Co. (See Brown, Durrell & Co., assignors.)				
Brown Durrell Co., Boston, Mass. Hosiery.	57,880	Dec. 4	125	1689
Brown Durrell Co., Boston, Mass. Hosiery.	57,881	Dec. 4	125	1689
Brown, Durrell & Co., assignors, by mesne assignments, to Brown, Durrell Co., Boston, Mass. Skirts and petticoats.	52,947	May 22	122	1388
Brown, Durrell & Co., assignors, by mesne assignments, to Brown, Durrell Co., Boston, Mass. Certain named clothing.	54,999	Aug. 7	123	1979
Brown Durrell & Co., assignors to Brown Durrell Co., Boston, Mass. Knitted gloves.	58,915	Dec. 25	125	2757
Brown-Forman Co., Louisville, Ky. Whisky.	49,012	Jan. 23	120	1155
Brown-Forman Co., Louisville, Ky. Whisky.	54,652	June 26	122	3004
Brown-Forman Co., Louisville, Ky. Whisky.	57,635	Nov. 27	125	1339
Brown, George, Chattanooga, Tenn. Candies.	58,537	Dec. 18	125	2355
Brown Hoisting Machinery Company, Cleveland, Ohio. Dovetailed corrugated sheet metal.	54,866	July 31	123	1659
Brown Knitting Co., Philadelphia, Pa. Hosiery.	53,162	May 29	122	1710
Brown, Lewis C., New York, N. Y. Liquid paint for metallic roofs.	49,944	Feb. 27	120	2745
Brown Mfg. Co., Greeneville, Tenn. Remedies for certain named diseases.	48,909	Jan. 16	120	896
Brown Mfg. Co., Greeneville, Tenn. Remedies for certain named diseases.	48,910	Jan. 16	120	896
Brown Mfg. Co., Greeneville, Tenn. Certain named medicines.	57,845	Nov. 27	125	1344
Brown, Norman A., assignor to New York House Furnishing Goods Company, New York, N. Y. Sleeve-ironing boards.	55,845	Aug. 21	123	2617
Brown, Orlan C., Fort Wayne, Ind. Remedy for rheumatism.	56,442	Sept. 25	124	1202
Brown & Sharpe Manufacturing Company, Providence, R. I. Hair-clippers.	48,448	Jan. 2	120	315
Brown & Sharpe Manufacturing Company, Providence, R. I. Hair-clippers.	50,806	Apr. 3	121	1657
Brown & Sharpe Manufacturing Company, Providence, R. I. Calipers, dividers, and try-squares.	56,130	Aug. 28	123	2969
Brown & Shaw, New York, N. Y. Salt.	53,777	June 12	122	2379
Brown & Son, John I., Boston, Mass. Medicated lozenges.	48,539	Jan. 2	120	318
Brown & Son, John I., Boston, Mass. Medicated lozenges.	48,678	Jan. 9	120	649
Brown & Sons, J. T. S., Louisville, Ky. Whisky.	50,259	Mar. 6	121	333
Brown, William S., Rogersville, Tenn. Remedy for diseases of stock and poultry.	57,208	Nov. 6	125	344
Brownell & Field Company, Providence, R. I. Coffee.	48,977	Jan. 16	120	898
Brownell & Field Company, Providence, R. I. Mustard and spices.	49,067	Jan. 23	120	1157
Browning & Baines, Inc., Washington, D. C. Coffee.	54,889	July 31	123	1660
Brownley, Walter, Washington, D. C. Candy.	52,438	May 8	122	720
Bruce, William G., Milwaukee, Wis. Monthly magazine.	52,316	May 8	122	715
Brugierolle, Leopold, Matha, France. Liqueurs or cordials.	52,169	May 1	122	345
Bruml, Charles, Cleveland, Ohio. Whisky.	54,735	June 26	122	3007
Brunner, Mond & Co., Limited, Northwich, England. Certain named chemicals.	54,612	June 26	122	3002
Brunner, Mond & Co., Limited, Northwich, England. Ammonium chloride.	54,966	Aug. 7	123	1978
Brunner, Mond & Co., Limited, Northwich, England. Certain named chemicals.	56,887	Oct. 23	124	2529
Bruno, Charles, New York, N. Y. Accordions.	52,878	May 22	122	1385
Brunor, Emile, New York, N. Y. Pills and tablets.	49,464	Feb. 6	120	1816
Bruns, Benjamin J., San Francisco, Cal. Blood-purifier.	54,965	Aug. 7	123	1978
Bruns Bros. Gro. Co., Cincinnati, Ohio. Canned vegetables.	56,840	Oct. 23	124	2528
Brush, William, Hoboken, N. J. Tooth-powder.	54,967	Aug. 7	123	1978
Bryden Horse Shoe Company, Catsaunqua, Pa. Horseshoes.	50,582	Mar. 27	121	1335
Bryden Horse Shoe Company, Catsaunqua, Pa. Horseshoes.	53,163	May 29	122	1710
Bryden Horse Shoe Company, Catsaunqua, Pa. Horseshoes.	53,214	May 29	122	1711
Bube, C., Hanover-Bothfeld, Germany. Linal measures of all kinds.	54,702	June 26	122	3006
Buchanan Foster Company, Philadelphia, Pa. Ready felt roofing.	50,849	Apr. 3	121	1658
Buck Brothers, Millbury, Mass. Certain named dgc-tools.	56,914	Oct. 23	124	2529
Buckeye Manufacturing Company, Anderson, Ind. Explosive-engines.	53,718	June 12	122	2377
Buckeye Manufacturing Company, Anderson, Ind. Certain named motor-vehicles.	55,113	Aug. 7	123	1982
Buckhorn Lithia Water Co., Henderson, N. C. Mineral water.	58,629	Dec. 18	125	2358
Buckley, Kate A., Washington, D. C. Whisky.	51,279	Apr. 10	121	1971
Bucknam & Vanderpoel, New York, N. Y. Dessert-jelly.	53,164	May 29	122	1710
Buckner & Co., J. M., Jr., Louisville, Ky. Leaf-tobacco "in the hand".	54,543	June 26	122	2999
Budner Pharmacal Company, New York, N. Y. Antiseptic and germicide.	49,495	Feb. 6	120	1818
Buegeleisen & Jacobson, New York, N. Y. Violins, bows, strings, pegs, and parts of violins.	55,368	Aug. 14	123	2302
Buegeleisen & Jacobson, New York, N. Y. Harmonicas.	58,387	Dec. 11	125	2043
Buermann, August, Newark, N. J. Spurs, bits, and stirrups.	48,814	Jan. 16	120	892
Buffalo Cotton Mills, Buffalo, S. C. Sheetings and drillings.	52,948	May 22	122	1388
Buffalo Cotton Mills, Buffalo, S. C. Sheetings and drillings.	55,937	Aug. 21	123	2620
Buffalo Pure Food Company, Buffalo, N. Y. Cereal coffee.	51,315	Apr. 10	121	1972
Buffalo Rubber Manufacturing Company, Buffalo, N. Y. Gloves.	48,624	Jan. 9	120	647
Buffalo Specialty Company, Buffalo, N. Y. Detergent polish.	56,782	Oct. 16	124	2175
Buker Pill Co., Bangor, Me. Medicine for certain named diseases.	49,577	Feb. 13	120	2115
Bullard Thread Co., Holyoke, Mass. Spool-cotton, knitting-cotton, darning-cotton, and cotton thread.	58,972	Dec. 25	125	2759
Bulls Head Oil Works, San Francisco, Cal. Oils and lubricants derived from petroleum.	57,882	Dec. 4	125	1689
Bulsing & Hesenfeld, Amsterdam and Rotterdam, Netherlands. Wheat-flour.	56,603	Oct. 9	124	1838
Bulsing & Hesenfeld, Amsterdam and Rotterdam, Netherlands. Wheat-flour.	57,578	Nov. 13	125	661
Bulsing & Hesenfeld, Amsterdam and Rotterdam, Netherlands. Wheat-flour.	57,696	Nov. 27	125	1340
Burchell, N. Landon, Washington, D. C. Coffee.	57,579	Nov. 13	125	661
Burd, Monte W., Louisville, Ky. Dress-linings.	50,537	Mar. 20	121	1007
Burdick Medicine Co., W. J., Appleton, Wis. Liver-pills.	58,390	Dec. 11	125	2043
Burgen & Ball, Limited, Sheffield, England. Sheep and garden shears.	55,114	Aug. 7	123	1982
Burgen & Ball, Limited, Sheffield, England. Shears, sickles, scythes, and knives.	57,407	Nov. 13	125	657
Burgen & Ball, Limited, Sheffield, England. Sheep-shears, garden-shears, and butchers' knives.	57,440	Nov. 13	125	658
Burgen & Ball, Limited, Sheffield, England. Sheep-shears, garden-shears, and butchers' knives.	57,528	Nov. 13	125	660

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Burke, Frank G., New York, N. Y. Laundry and toilet soap.....	48,471	Jan. 2	120	316
Burke, Harry J., South Boston, Mass. Cure for piles.....	55,594	Aug. 21	123	2611
Burke, William H., Belmont, Mass. Certain named packing-house products.....	56,584	Oct. 9	124	1838
Burkstrom, Carl O. F., Chicago, Ill. Certain named medicine.....	50,776	Mar. 27	121	1343
Burnett & Co., Rob, London, England. Gin.....	57,636	Nov. 27	125	1339
Burnett, Robert M., Southboro, Mass. Butter.....	56,951	Oct. 30	124	2895
Burnham Hanna Munger Dry Goods Co., Kansas City, Mo. Dress and negligée shirts.....	56,604	Oct. 9	124	1838
Burnham & Morrill Company, Portland, Me. Canned lobsters.....	52,289	May 8	122	714
Burnham & Morrill Company, Portland, Me. Canned lobsters.....	52,290	May 8	122	714
Burnham & Morrill Company, Portland, Me. Canned lobsters.....	52,291	May 8	122	714
Burnham & Morrill Company, Portland, Me. Clams, clam juice and chowder.....	52,505	May 8	122	723
Burnham & Morrill Company, Portland, Me. Canned corn.....	54,372	June 26	122	2992
Burnham & Morrill Company, Portland, Me. Canned succotash.....	54,492	June 26	122	2997
Burns, Henry M., <i>et al.</i> , administrators. (See Peek, David T.).....				
Burrus Mill & Elevator Company, Fort Worth, Tex. Wheat-flour.....	50,479	Mar. 20	121	1004
Burrus Mill & Elevator Company, Fort Worth, Tex. Wheat-flour.....	55,938	Aug. 21	123	2620
Burt Manufacturing Company, Akron, Ohio. Filters.....	57,394	Nov. 13	125	656
Burt, Silas M., Austin, Tex. Leather boots, shoes, and slippers.....	58,782	Dec. 25	125	2754
Burton Bros. & Co., New York, N. Y. Cotton fabric having an old Irish-linen finish.....	52,506	May 8	122	723
Burton Bros. & Co., New York, N. Y. Bleached cotton piece goods.....	56,637	Oct. 16	124	2171
Burton, J. S., Sherman, Tex. Liniment.....	55,595	Aug. 21	123	2611
Bush, Louis, Washington, D. C. Whisky.....	50,362	Mar. 13	121	682
Busk & Jevons, New York, N. Y. Unbleached cotton piece goods not figured or printed.....	56,443	Sept. 25	124	1202
Bussey, William J., Albany, N. Y. Liquid polish for wood and metals.....	52,393	May 8	122	718
Buster Brown Stocking Company, New York, N. Y. Hosiery.....	51,981	May 1	122	338
Buster Brown Stocking Company, New York, N. Y. Hosiery.....	51,982	May 1	122	338
Butcher, Charles F., Sheffield, England. Files, gouges, chisels, plane-irons, and adzes.....	58,634	Dec. 18	125	2358
Butler, Annie S., London, England. Powdered paper, being a preparation for the skin or toilet use.....	52,527	May 8	122	724
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	50,870	Apr. 3	121	1659
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	51,960	May 1	122	337
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	51,961	May 1	122	337
Butler-Butler, (Incorporated,) New York, N. Y. Little cigars.....	52,057	May 1	122	341
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	52,058	May 1	122	341
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	52,059	May 1	122	341
Butler-Butler, (Incorporated,) New York, N. Y. Little cigars.....	52,060	May 1	122	341
Butler-Butler, (Incorporated,) New York, N. Y. Smoking-tobacco.....	52,061	May 1	122	341
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	53,719	June 12	122	2377
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	54,442	June 26	122	2995
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	54,493	June 26	122	2997
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	54,772	July 31	123	1657
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	54,773	July 31	123	1657
Butler-Butler, (Incorporated,) New York, N. Y. Smoking-tobacco.....	54,774	July 31	123	1657
Butler-Butler, (Incorporated,) New York, N. Y. Cigarettes.....	54,916	Aug. 7	123	1977
Butler-Butler, (Incorporated,) New York, N. Y. Chewing-tobacco.....	55,033	Aug. 7	123	1980
Butler-Butler, (Incorporated,) New York, N. Y. Smoking-tobacco.....	55,146	Aug. 7	123	1983
Butler-Butler Incorporated, New York, N. Y. Cigarettes.....	58,180	Dec. 11	125	2037
Buyer's Index Publishing Co., New York, N. Y. Magazine or periodical publications.....	57,053	Oct. 30	124	2897
Buzby, Augustus C., Philadelphia, Pa. Lubricating-grease.....	49,630	Feb. 13	120	2117
Bye, David M., Indianapolis, Ind. Medicated oils.....	51,880	Apr. 24	121	2657
Byfield Snuff Co., Byfield, Mass. Snuff.....	50,871	Apr. 3	121	1659
Byrne, Daniel P., New York, N. Y. Remedies for the stomach troubles of children.....	55,596	Aug. 21	123	2611
Byron C. Gould, Inc., New York, N. Y. Toilet powder.....	49,119	Jan. 23	120	1159
Byron C. Gould, Inc., New York, N. Y. Toilet powder.....	49,560	Feb. 13	120	2115
Byron C. Gould, Inc., New York, N. Y. Toilet powder.....	49,584	Feb. 13	120	2116
Byron & Sons, W. D., Williamsport, Md. Patent-leather for shoes.....	55,342	Aug. 14	123	2301
C. Howard Hunt Pen Co., Camden, N. J. Pens.....	48,474	Jan. 2	120	316
C. Howard Hunt Pen Co., Camden, N. J. Steel and plated pens.....	52,411	May 8	122	719
C. Howard Hunt Pen Co., Camden, N. J. Pens other than fountain-pens.....	55,416	Aug. 14	123	2303
C. Howard Hunt Pen Co., Camden, N. J. Pens other than fountain-pens.....	55,417	Aug. 14	123	2303
C. Howard Hunt Pen Co., Camden, N. J. Pens other than fountain-pens.....	55,418	Aug. 14	123	2303
C. Howard Hunt Pen Co., Camden, N. J. Pens other than fountain-pens.....	55,419	Aug. 14	123	2303
C. Howard Hunt Pen Co., Camden, N. J. Pens other than fountain-pens.....	55,420	Aug. 14	123	2303
C. Howard Hunt Pen Company, Camden, N. J. Pens other than fountain-pens.....	55,597	Aug. 21	123	2611
C. Kern Brewing Co., Port Huron, Mich. Beer.....	57,697	Nov. 27	125	1340
C. Poyet, Inc., New York, N. Y. Confectionery.....	49,373	Feb. 6	120	1813
C. Poyet, Inc., New York, N. Y. Certain named confectionery.....	52,259	May 8	122	713
C. Poyet, Inc., New York, N. Y. Confectionery.....	52,318	May 8	122	715
C. Schmidt and Sons Brewing Company, Philadelphia, Pa. Lager-beer.....	48,496	Jan. 2	120	317
C. Schmidt and Sons Brewing Company, Philadelphia, Pa. Lager-beer.....	56,695	Oct. 16	124	2172
C. Stölzle's Sohne, Actiengesellschaft für Glasfabrikation, Vienna, Austria-Hungary. Glass bottles and siphons.....	55,369	Aug. 14	123	2302
C. A. Edgerton Manufacturing Company, Shirley, Mass. Suspenders.....	57,138	Nov. 6	125	342
C. A. Edgerton Manufacturing Company, Shirley, Mass. Suspenders.....	57,161	Nov. 6	125	343
C. A. Edgerton Manufacturing Company, Shirley, Mass. Suspenders.....	57,290	Nov. 13	125	653
C. A. Edgerton Manufacturing Company, Shirley, Mass. Suspenders.....	57,291	Nov. 13	125	653
C. A. Lammers Bottling Co., Denver, Colo. Beer.....	58,850	Dec. 25	125	2755
C. A. Willey Co., New York, N. Y. Paints and colors.....	51,954	Apr. 24	121	2660
C. B. Woodworth Sons Co., Rochester, N. Y. Perfumes.....	55,630	Aug. 21	123	2612
C. F. Blanke Tea & Coffee Co., St. Louis, Mo. Tea and coffee.....	57,580	Nov. 13	125	661
C. F. Blanke Tea & Coffee Co., St. Louis, Mo. Tea and coffee.....	57,581	Nov. 13	125	661
C. F. Mueller Co., Jersey City, N. J. Egg-noodles and macaroni.....	50,606	Mar. 27	121	1336
C. F. Runapp & Sons, Inc., Philadelphia, Pa. Certain named leather goods.....	48,912	Jan. 16	120	896
C. F. Runapp & Sons, Inc., Philadelphia, Pa. Metal ornaments.....	48,913	Jan. 16	120	896
C. G. Gunther's Sons, New York, N. Y. Manufactured furs for wearing-apparel.....	50,144	Mar. 6	121	328
C. H. Evans & Sons, Hudson, N. Y. Ale.....	50,407	Mar. 13	121	684
C. H. Guenther & Son, San Antonio, Tex. Wheat-flour.....	58,851	Dec. 25	125	2755
C. J. Kindel Bedding Company, St. Louis, Mo. Davenport-beds.....	52,412	May 8	122	719
C. L. Hawthaway & Sons, Incorporated, Boston, Mass., and Portland, Me. Liquid blacking.....	49,631	Feb. 13	120	2118
C. L. Hawthaway & Sons, Incorporated, Boston, Mass., and Portland, Me. Leather-cement.....	49,632	Feb. 13	120	2118
C. L. Hawthaway & Sons, Incorporated, Portland, Me., and Boston, Mass. Channel-cement.....	49,633	Feb. 13	120	2118
C. L. Hawthaway & Sons, Incorporated, Portland, Me., and Boston, Mass. Liquid dressing for boots and shoes.....	50,066	Mar. 6	121	325
C. L. Hawthaway & Sons, Incorporated, Portland, Me., and Boston, Mass. Liquid dressing for leather boots and shoes.....	50,067	Mar. 6	121	325
C. M. Clapp Co., Buffalo, N. Y. Shoes made wholly or in part of leather.....	54,098	June 19	122	2681

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
C. M. Mann Co., San Francisco, Cal. Fruit-brandies.....	58,475	Dec. 18	125	2354
C. M. Robbins Co., Attleboro, Mass. Souvenir articles.....	50,667	Mar. 27	121	1338
C. S. Bell Co., Hillsboro, Ohio. Farm, church, and school bells.....	50,832	Apr. 3	121	1658
C. S. Bell Co., Hillsboro, Ohio. Mills for grinding.....	53,514	June 5	122	2053
C. S. Bell Co., Hillsboro, Ohio. Cane-mills.....	55,051	Aug. 7	123	1980
C. S. Garrett & Son Co., Philadelphia, Pa. Wrapping-papers.....	57,729	Nov. 27	125	1341
C. S. Garrett & Son Co., Philadelphia, Pa. Building and roofing paper.....	57,730	Nov. 27	125	1341
C. S. Morey Mercantile Company, Denver, Colo. Coffee.....	52,130	May 1	122	344
C. S. A. Chemical Co., Portsmouth, Va. Headache remedy.....	54,099	June 19	122	2681
Cable Company, Chicago, Ill. Pianos.....	51,369	Apr. 17	121	2311
Cabot, Saml., Boston, Mass. Builders' sheathing, packing, or filling.....	58,718	Dec. 25	125	2752
Cachoid Company, New York, N. Y. Remedies for dyspepsia and stomach ailments.....	58,392	Dec. 11	125	2043
Caco Chemical Co., Baltimore, Md. Liniment.....	53,241	May 29	122	1713
Cadillac Automobile Company, assignor to Cadillac Motor Car Company, Detroit, Mich. Automobiles.....	54,931	Aug. 7	123	1977
Cadillac Motor Car Company. (See Cadillac Automobile Company, assignor.)				
Cadman & Sons, Thos. R., Sheffield, England. Razors, knives, and forks.....	55,078	Aug. 7	123	1981
Cafolin Co. Ltd., London, England. Coffee extract.....	54,159	June 19	122	2683
Cahill Iron Works, Chattanooga, Tenn. Stationary washbasins.....	54,265	June 26	122	2988
Cahn, Belt & Co., Baltimore, Md. Whisky.....	51,515	Apr. 17	121	2316
Cal-y-cine Co. Inc., Norfolk, Va. Non-alcoholic tonic beverage.....	58,276	Dec. 11	125	2040
Calef, Robert S., Keene, N. H. Radiators.....	57,441	Nov. 13	125	658
Calhoun Distilling Co., Birmingham, Ala. Whisky.....	58,057	Dec. 4	125	1633
Calhoun Distilling Company, Birmingham, Ala. Whisky.....	51,741	Apr. 24	121	2651
Calhoun Distilling Company, Birmingham, Ala. Whisky.....	57,637	Nov. 27	125	1339
California Canneries Co., San Francisco, Cal. Canned fruits.....	52,770	May 15	122	1039
California Canneries Co., San Francisco, Cal. Canned fruits.....	54,402	June 26	122	2993
California Fig Syrup Co., San Francisco, Cal. Liquid purgative compounds.....	49,561	Feb. 13	120	2115
California Fig Syrup Co., San Francisco, Cal. Liquid purgative compounds.....	54,322	June 26	122	2990
California Stock Food Co., Fresno, Cal. Ground products of alfalfa.....	51,678	Apr. 24	121	2649
California Vigorit Powder Company, San Francisco, Cal. High explosives.....	58,008	Dec. 4	125	1692
California Wine Association, San Francisco, Cal. Brandy.....	49,514	Feb. 6	120	1819
California Wine Association, San Francisco, Cal. Wine.....	49,704	Feb. 13	120	2120
California Wine Association, San Francisco, Cal. Wine.....	49,705	Feb. 13	120	2120
California Wine Association, San Francisco, Cal. Wine.....	55,662	Aug. 21	123	2613
California Wine Association, San Francisco, Cal. Wine.....	55,663	Aug. 21	123	2613
California Wine Association, San Francisco, Cal. Brandy.....	55,730	Aug. 21	123	2614
Calixto Lopez & Co., Jersey City, N. J. Cigarettes and smoking-tobacco.....	58,516	Dec. 18	125	2355
Calixto Lopez & Co., Jersey City, N. J. Cigarettes and smoking-tobacco.....	58,517	Dec. 18	125	2355
Calixto Lopez & Co., Jersey City, N. J. Cigarettes and smoking-tobacco.....	58,518	Dec. 18	125	2355
Callard, Stewart & Watt, Ltd., London, England. Bread and biscuits.....	54,373	June 26	122	2992
Calman & Co., Emil, New York, N. Y. Insulating compound.....	52,901	May 22	122	1386
Calman & Co., Emil, New York, N. Y. Substitute for shellac.....	55,492	Aug. 14	123	2305
Calman & Co., Emil, New York, N. Y. Black insulating-paint.....	56,783	Oct. 16	124	2175
Calorie Fireless Cook Stove Co., Grand Rapids, Mich. Insulated receptacle for maintaining heat.....	57,698	Nov. 27	125	1340
Cambior, Muntaner & Co., San Juan, Porto Rico. Leather boots and shoes.....	54,613	June 26	122	3002
Camel Company, Chicago, Ill. Trimmings for freight-car doors.....	50,872	Apr. 3	121	1659
Camel Company, Chicago, Ill. Freight-car door hangers, fasteners, and guide-brackets.....	50,896	Apr. 3	121	1660
Camors & Co., J. B., New Orleans, La. Wheat-flour.....	50,046	Feb. 27	120	2749
Camors & Co., J. B., New Orleans, La. Wheat-flour.....	53,093	May 29	122	1707
Campbell, Morrell & Co., Passaic, N. J. Food for poultry and pigeons.....	52,544	May 8	122	724
Campe & Co., Henry, San Francisco, Cal. Brandy.....	50,260	Mar. 6	121	333
Campe & Co., Henry, San Francisco, Cal. Whisky.....	53,589	June 5	122	2056
Campe & Co., Henry, San Francisco, Cal. Whisky.....	55,805	Aug. 21	123	2616
Camphoroid Co., Mattoon, Ill. Remedy for certain named diseases.....	58,825	Dec. 25	125	2755
Canada Brokerage Co., Ltd., Toronto, Canada. Tea.....	58,783	Dec. 25	125	2754
Canepa, John B., deceased; L. Bastrup and K. Scanlan, administrators, assignors to John B. Canepa Company, Chicago, Ill. Macaroni, vermicelli, spaghetti, and noodles.....	52,971	May 22	122	1388
Canton Gum Company, Canton, Ohio. Chewing-gum.....	55,234	Aug. 7	123	1985
Canton Steel Company, Pittsburg, Pa. Steel.....	53,116	May 29	122	1708
Cantrell & Cochrane, Limited, Dublin, Ireland, and New York, N. Y. Soda-water.....	53,620	June 5	122	2057
Cantrell & Cochrane, Limited, Dublin, Ireland, and New York, N. Y. Sarsaparilla.....	55,235	Aug. 7	123	1985
Capewell, George J., Jr., Hartford, Conn. Pin-retainers.....	48,631	Jan. 9	120	647
Capewell Horse Nail Company, Hartford, Conn. Horse-nails.....	50,450	Mar. 20	121	1003
Capewell Horse Nail Company, Hartford, Conn. Horse-nails.....	51,221	Apr. 10	121	1968
Capewell Horse Nail Company, Hartford, Conn. Horse-nails.....	54,637	June 26	122	3003
Capewell Horse Nail Company, Hartford, Conn. Horse-nails.....	56,605	Oct. 9	124	1838
Capital City Dairy Co., Columbus, Ohio. Oleomargarin.....	58,161	Dec. 11	125	2037
Cappon & Bertsch Leather Co., Holland, Mich. Harness-leather.....	48,472	Jan. 2	120	316
Capudine Chemical Company, Raleigh, N. C. Remedy for certain named diseases.....	48,911	Jan. 16	120	896
Carbol Salve Co., Fayetteville, Tenn. Salve for treatment of boils and carbuncles.....	56,318	Sept. 11	124	619
Carborundum Company, Niagara Falls, N. Y. Abradant.....	49,394	Feb. 6	120	1814
Carborundum Company, Niagara Falls, N. Y. Carborundum abrasive material.....	50,104	Mar. 6	121	326
Carey, Bayne & Smith Company, (Incorporated,) New York, N. Y. Sheetings.....	50,168	Mar. 6	121	329
Carey, Bayne & Smith Company, (Incorporated,) New York, N. Y. Sheetings.....	52,930	May 22	122	1387
Carey, Bayne & Smith Company, (Incorporated,) New York, N. Y. Sheetings.....	57,831	Nov. 27	125	1344
Cargill Cleveland & Co., Westfield, Mass. Whips.....	53,803	June 12	122	2981
Carhart, William B., Atlanta, Ga. Ladies', misses', and children's leather shoes.....	51,815	Apr. 24	121	2654
Carlisle, Richard M., Macon, Ga. Remedy for liver and blood troubles.....	56,268	Sept. 4	124	314
Carney, Hugh A., Boston, Mass. Coffee.....	51,461	Apr. 17	121	2314
Carno Chemical Co., Jersey City, N. J. Disinfectant, preservative, and bactericide.....	50,963	Apr. 3	121	1663
Caroh Chemical Company, Philadelphia, Pa. Insect-powder.....	50,037	Feb. 27	120	2749
Carolina Supply Company, Greenville, S. C. Piston-rod packing composed of rubber and canvas.....	55,970	Aug. 21	123	2621
Carolina Supply Company, Greenville, S. C. Rubber belting.....	56,063	Aug. 21	123	2623
Carolyn & Co., New York, N. Y. Ladies' hats.....	54,000	June 19	122	2677
Carow, Charles, New York, N. Y. Remedy for rheumatism.....	49,850	Feb. 20	120	2435
Carpenter Chemical Co., Detroit, Mich. Liquid court-plaster.....	50,777	Mar. 27	121	1343
Carpenter, Owen J., Covington, Ky. Whisky.....	52,619	May 15	122	1033
Carpenter, Owen J., Covington, Ky. Whisky.....	53,841	June 12	122	2382
Carpenter, Thomas E., Mount Kisco, N. Y. Emollient and medicinal preparation.....	48,845	Jan. 16	120	893
Carreras Limited, London, England. Cigars.....	54,507	June 26	122	2998
Carroll, James M., Torrington, Conn. Whisky.....	52,713	May 15	122	1037
Carrom-Archarena Co., Ludington, Mich. Game-boards.....	49,996	Feb. 27	120	2747
Caruth, Charles T., Boston, Mass. Roofing felt and paper.....	53,590	June 5	122	2056
Carson Pirie Scott & Co., Chicago, Ill. Knitted hosiery, undershirts, and drawers.....	53,094	May 29	122	1707
Carson & Son, Robert, Philadelphia, Pa. Carpets.....	58,739	Dec. 25	125	2752

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Carstairs Bros., Highlandstown, Md. Whisky.....	52,131	May 1	122	344
Carstairs, McCall & Co., Philadelphia, Pa. Whisky.....	49,465	Feb. 6	120	1816
Carstairs, McCall & Co., Philadelphia, Pa. Whisky.....	49,515	Feb. 6	120	1819
Carter, Carter & Meigs, Boston, Mass. Whisky.....	57,209	Nov. 6	125	344
Carter-Crume Co., Limited, Niagara Falls, N. Y. Autographic registers.....	50,346	Mar. 13	121	682
Carter-Crume Co., Limited, Niagara Falls, N. Y. Duplicate sales-slip books and paper pads therefor.....	50,583	Mar. 27	121	1335
Carter Medicine Company, New York, N. Y. Pills.....	53,591	June 5	122	2056
Carter & Sons, H. W., Lebanon, N. H. Overalls.....	50,145	Mar. 6	121	328
Carter & Sons, H. W., Lebanon, N. H. Overalls.....	50,146	Mar. 6	121	328
Carter White Lead Co., Omaha, Nebr. White lead.....	57,883	Dec. 4	125	1689
Carter's Ink Company, Boston, Mass., and New York, N. Y. Writing-inks and writing fluids of all kinds.....	48,946	Jan. 16	120	897
Carter's Ink Company, Boston, Mass., and New York, N. Y. Mucilages.....	49,033	Jan. 23	120	1156
Carter's Ink Company, Boston, Mass., and New York, N. Y. Mucilage, paste, and adhesive cements.....	50,451	Mar. 20	121	1003
Carter's Ink Company, Boston, Mass., and New York, N. Y. Carbon-paper.....	54,034	June 19	122	2678
Carter's Ink Company, Boston, Mass., and New York, N. Y. Type-writer ribbons.....	54,072	June 19	122	2680
Carter's Ink Company, Boston, Mass., and New York, N. Y. Type-writer ribbons.....	54,570	June 26	122	3001
Carter's Ink Company, Boston, Mass., and New York, N. Y. Carbon-paper.....	54,571	June 26	122	3001
Cartun, Jacob, Philadelphia, Pa. Whisky.....	48,815	Jan. 16	120	892
Carver File Company, Philadelphia, Pa. Files.....	49,706	Feb. 13	120	2120
Carver File Company, Philadelphia, Pa. Files and rasps.....	50,089	Mar. 6	121	326
Carver File Company, Philadelphia, Pa. Files and rasps.....	50,538	Mar. 20	121	1007
Carver File Company, Philadelphia, Pa. Files and rasps.....	54,129	June 19	122	2682
Case, Adelbert B., Springfield, Mass. Lawn-mowers.....	50,038	Feb. 27	120	2749
Case, Adelbert B., Springfield, Mass. Lawn-mowers.....	51,881	Apr. 24	121	2657
Case, Alfred W., Manchester, Conn. Pulp-board.....	51,261	Apr. 10	121	1970
Casey-Swasey Co., Fort Worth, Tex. Whisky.....	56,229	Sept. 4	124	313
Casey-Swasey Co., Fort Worth, Tex. Brandy.....	56,230	Sept. 4	124	313
Casey-Swasey Co., Fort Worth, Tex. Gin.....	56,231	Sept. 4	124	313
Cassella Color Company, New York, N. Y. Hydrosulfite compound.....	49,183	Jan. 30	120	1467
Cassella Color Company, New York, N. Y. Dyestuff.....	49,997	Feb. 27	120	2747
Cassella Color Company, New York, N. Y. Dyestuff.....	50,221	Mar. 6	121	331
Cassella Color Company, New York, N. Y. Dyestuff.....	50,222	Mar. 6	121	331
Cassella Color Company, New York, N. Y. Dyestuff.....	50,497	Mar. 20	121	1005
Cassella Color Company, New York, N. Y. Dyestuff.....	50,778	Mar. 27	121	1343
Cassella Color Company, New York, N. Y. Anilin dyes.....	52,090	May 1	122	342
Cassella Color Company, New York, N. Y. Anilin dyes.....	53,621	June 5	122	2057
Castang, Amédée, New York, N. Y. Infants' food.....	57,638	Nov. 27	125	1339
Castang, Amédée, New York, N. Y. Bleacher, deodorizer, disinfectant, and germicide.....	58,101	Dec. 4	125	1694
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	56,283	Sept. 4	124	315
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	56,284	Sept. 4	124	315
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	56,285	Sept. 4	124	315
Castor Oil Tablet Co., New York, N. Y. Castor-oil confection.....	52,771	May 15	122	1039
Catch On Clasp Mfg. Co., Baltimore, Md. Fasteners for the waistbands of trousers.....	49,230	Jan. 30	120	1469
Cate, Robert H., Knoxville, Tenn. Whisky.....	58,476	Dec. 18	125	2354
Cate, Robert H., Knoxville, Tenn. Whisky.....	58,477	Dec. 18	125	2354
Catherwood, H. & H. W., Philadelphia, Pa. Whisky.....	48,540	Jan. 2	120	318
Catlin & Co., New York, N. Y. Cotton piece goods.....	50,169	Mar. 6	121	329
Caulk & McCready, Baltimore, Md. Canned fruits and vegetables.....	55,731	Aug. 21	123	2614
Cave, George E., Chicago, Ill. Sweeping compounds.....	54,224	June 26	122	2987
Cawston, Edwin, South Pasadena, Cal. Boas, muffis, and capes made from ostrich-feathers, and ostrich-plumes.....	54,323	June 26	122	2990
Cayey-Caguas Tobacco Co., New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	52,902	May 22	122	1386
Cayey-Caguas Tobacco Company, New York, N. Y., and Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	48,651	Jan. 9	120	648
Cayey-Caguas Tobacco Company, New York, N. Y., and Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	50,678	Mar. 27	121	1339
Cayey-Caguas Tobacco Company, New York, N. Y., and Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	50,850	Apr. 3	121	1658
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	52,528	May 8	122	724
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	52,529	May 8	122	724
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	52,714	May 15	122	1037
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	54,508	June 26	122	2998
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	54,544	June 26	122	3000
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	57,494	Nov. 13	125	659
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	57,495	Nov. 13	125	659
Cazenovia Canning Co., Cazenovia, N. Y. Canned fruits and canned vegetables.....	54,130	June 19	122	2682
Cazenovia Canning Co., Cazenovia, N. Y. Canned fruits and canned vegetables.....	54,131	June 19	122	2682
Cazenovia Canning Co., Cazenovia, N. Y. Canned fruits and canned vegetables.....	54,132	June 19	122	2682
Cazenovia Canning Co., Cazenovia, N. Y. Canned fruits and canned vegetables.....	54,133	June 19	122	2682
Celero Drug Co., Boston, Mass. Headache cure.....	53,304	May 29	122	1715
Celluloid Company, New York, N. Y., and Newark, N. J. Collars, cuffs, and shirt-fronts of certain named material.....	58,393	Dec. 11	125	2043
Celluloid Company, New York, N. Y., and Newark, N. J. Waterproof collars and cuffs.....	58,630	Dec. 18	125	2358
Celluloid Company, New York, N. Y., and Newark, N. J. Waterproof collars and cuffs.....	58,631	Dec. 18	125	2358
Celluloid Company, New York, N. Y., and Newark, N. J. Waterproof shirt-fronts, collars, and cuffs.....	58,632	Dec. 18	125	2358
Celluloid Company, New York, N. Y., and Newark, N. J. Waterproof collars, cuffs, shirt fronts and bosoms.....	58,633	Dec. 18	125	2358
Celluloid Starch Company, New York, N. Y. Laundry starch.....	49,688	Feb. 13	120	2120
Celluloid Starch Company, New York, N. Y. Laundry starch.....	49,689	Feb. 13	120	2120
Cement Machinery Co., Jackson, Mich. Machines for making concrete building-blocks.....	49,120	Jan. 23	120	1159
Cement Machinery Co., Jackson, Mich. Machines for making concrete building-blocks.....	49,121	Jan. 23	120	1159
Cement Machinery Co., Jackson, Mich. Machines for making concrete building-blocks.....	49,231	Jan. 30	120	1469
Central Cyclone Co., Ltd., London, England. Pulverizing-machines.....	57,905	Dec. 4	125	1689
Central Foundry Co., New York, N. Y. Pipe lengths.....	56,915	Oct. 23	124	2529
Central Kansas Milling Company, Lyons, Kans. Wheat-flour.....	51,055	Apr. 3	121	1667

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Central Kansas Milling Company, Lyons, Kans. Wheat-flour.....	56,866	Oct. 23	124	2528
Central Stamping Company, New York, N. Y. Dust-pans.....	52,656	May 15	122	1035
Central Stamping Company, New York, N. Y. Household and cooking utensils made of enameled steel.....	54,572	June 26	122	3001
Century Biscuit Company, Indianapolis, Ind. Crackers.....	55,806	Aug. 21	123	2616
Century Inkstand Company, New York, N. Y. Inkstands.....	51,014	Apr. 3	121	1665
Century Pen Company, Whitewater, Wis. Fountain-pens.....	51,262	Apr. 10	121	1970
Cephalgine Company, Spencer, Mass. Medicine for certain named diseases.....	53,242	May 29	122	1713
Ceramic Transfer Co., New York, N. Y. Ornamental decalcomania transfer-sheets.....	57,496	Nov. 13	125	659
Ceramic Transfer Co., New York, N. Y. Ornamental decalcomania transfer-sheets.....	57,557	Nov. 13	125	661
Cereal Laxative Co., San Francisco, Cal. Biscuits.....	55,807	Aug. 21	123	2616
Ceylon Perfume Company, Englewood, N. J. Perfume for repelling mosquitos.....	48,520	Jan. 2	120	318
Chaffard & Couderc, Salon, Bouches-du-Rhone, France. Olive-oil.....	52,244	May 1	122	348
Challenge Cutlery Corp., Bridgeport, Conn. Razors.....	50,923	Apr. 3	121	1661
Challenge Cutlery Corporation, Bridgeport, Conn. Razors.....	48,679	Jan. 9	120	649
Challenge Cutlery Corporation, Bridgeport, Conn. Razors.....	49,326	Jan. 30	120	1473
Challenge Cutlery Corporation, Bridgeport, Conn. Scissors and shears.....	49,965	Feb. 27	120	2746
Challenge Cutlery Corporation, Bridgeport, Conn. Pocket-knives.....	49,998	Feb. 27	120	2747
Challenge Cutlery Corporation, Bridgeport, Conn. Razors.....	52,477	May 8	122	722
Chalmers Knitting Company, Amsterdam, N. Y. Cotton, wool, silk, and linen underwear.....	48,473	Jan. 2	120	316
Chamberlain Medicine Co., Des Moines, Iowa. Remedy for colic, cholera, diarrhea, and like complaints.....	50,363	Mar. 13	121	682
Chamberlain Cartridge and Target Co., Cleveland, Ohio. Clay pigeons.....	56,888	Oct. 23	124	2529
Chambers, John J., Seattle, Wash. Liquid medical compound.....	51,015	Apr. 3	121	1665
Chambersburg Shoe Mfg. Co., Chambersburg, Pa. Leather, canvas, or cloth shoes.....	55,476	Aug. 14	123	2304
Champion Blower & Forge Company, Lancaster, Pa. Forges.....	49,690	Feb. 13	120	2120
Champion Blower & Forge Company, Lancaster, Pa. Tappers.....	49,691	Feb. 13	120	2120
Champion Blower & Forge Company, Lancaster, Pa. Screw-plates, taps, and dies.....	56,389	Sept. 18	124	902
Champion Blower & Forge Company, Lancaster, Pa. Screw-plates, taps, and dies.....	56,390	Sept. 18	124	902
Champion Blower & Forge Company, Lancaster, Pa. Blowers and forges.....	56,444	Sept. 25	124	1202
Champion Blower & Forge Company, Lancaster, Pa. Blowers and forges and attachments thereto.....	56,916	Oct. 23	124	2529
Champion Blower & Forge Company, Lancaster, Pa. Metal-drilling machines.....	56,952	Oct. 30	124	2895
Champion Paper Cutter Co., Piqua, Ohio. Roll-paper holders and cutters.....	48,947	Jan. 16	120	897
Champion Paper Cutter Co., Piqua, Ohio. Roll-paper holders and cutters.....	48,948	Jan. 16	120	897
Chanavass & Slazenger, Inc., New York, N. Y. Leather leggings.....	52,245	May 1	122	348
Chandler, George, Boston, Mass. Corsets.....	55,923	Aug. 21	123	2619
Chandler, Justin E., Brockton, Mass. Wax.....	50,440	Mar. 20	121	1003
Chandler and Rudd Company, Cleveland, Ohio. Candy.....	48,599	Jan. 2	120	321
Chandler and Rudd Company, Cleveland, Ohio. Candy.....	48,701	Jan. 9	120	650
Chapin & Gore Inc., Chicago, Ill. Whisky.....	56,889	Oct. 23	124	2529
Chapin & Gould Paper Co., Springfield, Mass. Writing-paper.....	51,183	Apr. 10	121	1967
Chapin-Stephens Company, New Hartford, Conn. Rules, yardsticks, board-measures, and log-measures.....	51,545	Apr. 17	121	2318
Chapman Double Ball Bearing Co. of America, New York, N. Y. Journal-bearings.....	52,317	May 8	122	715
Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valves and hydrants.....	54,932	Aug. 7	123	1977
Chapple, Charles J., Billings, Mont. Tonic, blood-purifier, and remedy for constipation.....	57,846	Nov. 27	125	1344
Charles & Co., New York, N. Y. Tea.....	51,923	Apr. 24	121	2659
Charles & Co., New York, N. Y. Wine.....	53,032	May 22	122	1391
Charles & Co., New York, N. Y. Fresh fruits and vegetables.....	54,933	Aug. 7	123	1977
Charles Dennehy & Company, Chicago, Ill. Whisky.....	57,699	Nov. 27	125	1340
Charles Dennehy & Company, Chicago, Ill. Whisky.....	58,973	Dec. 25	125	2759
Charles Dennehy & Company, Chicago, Ill. Whisky.....	58,974	Dec. 25	125	2759
Charles E. Hires Company, Philadelphia, Pa. Root-beer, root-beer extract, and the dry ingredients for making root-beer.....	54,465	June 26	122	2996
Charles Hammesfahr Company, Chicago, Ill. Blood tonic or nutriment.....	50,223	Mar. 6	121	331
Charles, Harry H., Quincy, Ill. Portable tanks for containing a fire-extinguishing chemical.....	55,971	Aug. 21	123	2621
Charles Jacquin et Cie. Inc., New York, N. Y. Sloe gin.....	48,573	Jan. 2	120	320
Charles Jacquin et Cie. Inc., New York, N. Y. Cocktails.....	48,574	Jan. 2	120	320
Charles Jacquin et Cie. Inc., New York, N. Y. Kummel.....	49,791	Feb. 20	120	2433
Charles Jacquin et Cie. Inc., New York, N. Y. Vermuth.....	51,184	Apr. 10	121	1967
Charles Jacquin et Cie. Inc., New York, N. Y. Corn brandy.....	51,280	Apr. 10	121	1971
Charles Jacquin et Cie. Inc., New York, N. Y. Dry gin.....	51,281	Apr. 10	121	1971
Charles Jacquin et Cie. Inc., New York, N. Y. Cordial.....	56,513	Oct. 2	124	1517
Charles, James, Marion, Ind. Mixed winter and spring wheat flour.....	48,983	Jan. 16	120	898
Charles N. Crittenton Company, New York, N. Y. Soap.....	49,687	Feb. 13	120	2120
Charles N. Crittenton Company, New York, N. Y. Remedy for certain named diseases.....	53,842	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Hair-restorer.....	53,843	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Hair-restorer.....	53,844	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Remedy for toothache.....	53,845	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Remedy for toothache.....	53,846	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Tonic, digestive, and nutrient preparation.....	53,847	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Dye for the hair.....	53,848	June 12	122	2382
Charles N. Crittenton Company, New York, N. Y. Dye for the hair.....	53,878	June 12	122	2383
Charles N. Crittenton Company, New York, N. Y. Dye for hair and whiskers.....	54,160	June 19	122	2683
Charles N. Crittenton Company, New York, N. Y. Soap.....	54,425	June 26	122	2994
Charles Smith Company, Chicago, Ill. Hot-air heating-furnaces.....	51,924	Apr. 24	121	2659
Charles Taylor & Company, Wilmington, Del. Hosiery.....	48,914	Jan. 16	120	896
Charles Taylor & Company, Wilmington, Del. Hosiery.....	48,915	Jan. 16	120	896
Charles Wolf Packing Company, Topeka, Kans. Ham and breakfast-bacon.....	58,138	Dec. 4	125	1695
Charrot & Henry, Brooklyn, N. Y. Whisky.....	56,678	Oct. 16	124	2172
Chas. A. Maish Co., Cincinnati, Ohio. Comforts.....	54,161	June 19	122	2683
Chas. A. Maish Co., Cincinnati, Ohio. Bed-springs.....	54,844	July 31	123	1659
Chas. A. Maish Co., Cincinnati, Ohio. Mattresses.....	55,808	Aug. 21	123	2616
Chas. A. Stevens & Bros., Chicago, Ill. Knit underwear and hosiery.....	48,652	Jan. 9	120	648
Chas. A. Stevens & Bros., Chicago, Ill. Underwear, drawers, tights, vests, and union suits.....	50,964	Apr. 3	121	1663
Chas. A. Zahn Co., Chicago, Ill. Whisky.....	57,275	Nov. 13	125	653
Chas. E. Meyer & Co., Freeport, Ill. Vinegar used for pickling.....	50,261	Mar. 6	121	333
Chas. E. Meyer & Co., Freeport, Ill. Spirit-vinegar.....	50,262	Mar. 6	121	333
Chas. E. Meyer & Co., Freeport, Ill. Cider-vinegar.....	51,120	Apr. 3	121	1670
Chas. F. Stifel Company, Allegheny, Pa. Harness-leather.....	54,352	June 26	122	2991
Chas. H. Gillespie & Sons, Jersey City, N. J. Varnishes, finishes, japans, and fillers.....	51,263	Apr. 10	121	1970
Chas. H. Phillips Chemical Co., New York, N. Y. Acid phosphate and a syrup of phosphates.....	51,493	Apr. 17	121	2316
Chas. H. Phillips Chemical Co., New York, N. Y. Liquid magnesia preparation.....	52,772	May 15	122	1039
Chas. H. Phillips Chemical Co., New York, N. Y. Preparations of cocoa and chocolate.....	54,423	June 26	122	2994
Chas. H. Phillips Chemical Co., New York, N. Y. Liquid magnesia preparation.....	55,598	Aug. 21	123	2611
Chas. H. Phillips Chemical Co., New York, N. Y. Quinin preparation.....	55,599	Aug. 21	123	2611

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Chas. H. Phillips Chemical Co., New York, N. Y. Cod-liver-oil emulsion	55,600	Aug. 21	123	2611
Chas. L. Kiewert Co., Milwaukee, Wis. Hops	54,424	June 26	122	2994
Chas. R. Long Jr. Company, Louisville, Ky. Mixed paint	54,807	July 31	123	1658
Chas. Shaffner & Co., Chicago, Ill. Whisky	53,820	June 12	122	2381
Chas. Shaffner & Co., Chicago, Ill. Whisky	58,336	Dec. 11	125	2041
Chas. Simon's Sons New York, N. Y. Hosiery	48,941	Jan. 16	120	897
Chase, Andrew J., Melrose, Mass. Finish-nails	54,638	June 26	122	3003
Chase Chemical Co., Dr., Philadelphia, Pa. Flavoring extracts	57,582	Nov. 13	125	661
Chase Co., E. M., Nebraska City, Nebr. Baking-powder	52,641	May 15	122	1034
Chase, Roberts & Company, Dobbs Ferry and Long Island City, N. Y. Varnishes	54,221	June 19	122	2685
Chase & Sanborn, Boston, Mass. Coffee	54,403	June 26	122	2993
Chase & Sanborn, Boston, Mass. Tea	54,422	June 26	122	2994
Chase & Sanborn, Boston, Mass. Tea	55,236	Aug. 7	123	1985
Chase & Sanborn, Boston, Mass. Tea	55,664	Aug. 21	123	2613
Chase & Sanborn, Boston, Mass. Coffee	56,296	Sept. 4	124	315
Chase, William H., New York, N. Y. Healing-lotion	56,514	Oct. 2	124	1517
Chatland & Lenhart, Brownsville, Pa. Crackers	52,530	May 8	122	724
Chatland & Lenhart, Brownsville, Pa. Crackers	56,365	Sept. 18	124	901
Chattanooga Paint Co., Chattanooga, Tenn. Mineral paint	49,634	Feb. 13	120	2118
Chattanooga Paint Co., Chattanooga, Tenn. Mineral coloring-matter for mortar and bricks	53,949	June 19	122	2675
Chauvin, Alphonse, New York, N. Y. Cleaning soap or paste	56,784	Oct. 16	124	2175
Cheever, Ralph P., Boston, Mass. Neckties or cravats	55,631	Aug. 21	123	2612
Chelf Chemical Co., Richmond, Va. Medicinal compound	52,773	May 15	122	1040
Chelf Chemical Co., Richmond, Va. Soluble effervescent salt for nervine preparations	55,972	Aug. 21	123	2621
Chelf Chemical Co., Richmond, Va. Soluble compound	55,973	Aug. 21	123	2621
Chelf Chemical Co., Richmond, Va. Soluble salt for nervine preparations	57,210	Nov. 6	125	344
Chemische Fabrik Auf Actien (vorm. E. Schering), Berlin, Germany. Urinary, antiseptic, and uric-acid solvent	58,394	Dec. 11	125	2043
Chemische Fabrik für Leim & Dünger, "Zimmermann," Ludwigshafen-on-the-Rhine, Germany. Glue	50,679	Mar. 27	121	1339
Chemische Fabrik Helfenberg, A. G. vorm. E. Dieterich, Helfenberg, Germany. Non-alcoholic solutions of iron-manganese-peptone	54,266	June 26	122	2988
Chemische Fabrik von Heyden Aktiengesellschaft, Radebeul, Germany. Guaiacol carbonate for internal use	54,968	Aug. 7	123	1978
Chemische Fabrik von Heyden Aktiengesellschaft, Radebeul, Germany. Creosote carbonate for medical purposes	54,969	Aug. 7	123	1978
Chemische Industrie A.-G. St. Margrethen, St. Margrethen, Switzerland. Chemical preparations for use in making lemonades	51,777	Apr. 24	121	2653
Cheney Bros., South Manchester, Conn. Printed and piece-dyed silks	53,912	June 12	122	2385
Cheney, Frank J., Toledo, Ohio. Catarrh cure	49,145	Jan. 23	120	1160
Cheney, Frank J., Toledo, Ohio. Pills	49,146	Jan. 23	120	1160
Cherokee Mill & Elevator Company, Cherokee, Okla. Ter. Wheat-flour	58,552	Dec. 18	125	2356
Chesapeake Belting Co., Baltimore, Md. Belting	58,297	Dec. 11	125	2040
Chester Kent & Co., Boston, Mass. Remedies for internal use	52,715	May 15	122	1037
Chesterman Company, Sioux City, Iowa. Certain named beverages, juices, syrups, and extracts	57,416	Nov. 13	125	657
Chesterton & Co., A. W., Boston, Mass. Boiler-tube cleaners or scrapers	50,459	Mar. 20	121	1004
Chicago Concentrating Company, Chicago, Ill. Sugar-syrup and maple-syrup	53,305	May 29	122	1715
Chicago Distilling Co., Chicago, Ill. Whisky	48,575	Jan. 2	120	320
Chicago Distilling Co., Chicago, Ill. Gin	48,576	Jan. 2	120	320
Chicago Distilling Co., Chicago, Ill. Whisky	51,778	Apr. 24	121	2653
Chicago Distilling Co., Chicago, Ill. Whisky	53,033	May 22	122	1391
Chicago Distilling Co., Chicago, Ill. Gin	54,736	June 26	122	3007
Chicago Distilling Co., Chicago, Ill. Whisky	55,732	Aug. 21	123	2614
Chicago Feather Duster Co., Chicago, Ill. Feather dusters	51,016	Apr. 3	121	1666
Chicago Flexible Shaft Company, Chicago, Ill. Horse-clippers	49,092	Jan. 23	120	1158
Chicago Flexible Shaft Company, Chicago, Ill. Horse-clippers and sheep-shears	56,156	Aug. 28	123	2970
Chicago-Kenosha Hosiery Co., Kenosha, Wis. Knit hosiery	57,375	Nov. 13	125	656
Chicago Tubing & Braiding Co., Chicago, Ill. Flexible tubing	49,516	Feb. 6	120	1819
Chicago Varnish Co., Chicago, Ill. Varnishes, stains, japans, and surfacers	54,001	June 19	122	2677
Chidester, John H., New York, N. Y. Cans	56,004	Aug. 21	123	2622
Chidester, John H., New York, N. Y. Cans	57,958	Dec. 4	125	1691
Children's Amusement Co., West Haven, Conn. Game	55,477	Aug. 14	123	2304
Chilton Paint Co., New York, N. Y. Certain paints and varnishes	57,326	Nov. 13	125	654
Chipman's Sons, Charles, Easton, Pa. Hosiery	53,243	May 29	122	1713
Chiquola Manig. Co., Honea Path, S. C. Cotton piece goods	51,633	Apr. 17	121	2321
Chittenden & Eastman Co., Burlington, Iowa. Mattresses and pillows	54,592	June 26	122	3001
Chivers, Cedric, New York, N. Y. Cloth for bookbinding purposes	50,039	Feb. 27	120	2749
Choate Drug and Chemical Company, Boston, Mass. Medicines for bronchial and pulmonary affections	58,395	Dec. 11	125	2043
Cholewinski, John P., Chicago, Ill. Medicinal compound	49,327	Jan. 30	120	1473
Christian Feigenspan, a Corporation, Newark, N. J. Lager-beer	48,846	Jan. 16	120	893
Christian Feigenspan, a Corporation, Newark, N. J. Lager-beer	52,507	May 8	122	723
Christian Feigenspan, a Corporation, Newark, N. J. Ales, porter, half-and-half, and brown stout	57,327	Nov. 13	125	655
Christian Moerlein Brewing Co., Cincinnati, Ohio. Beer	51,206	Apr. 10	121	1968
Chromolithographische Kunstanstalt Paul Finkenrath, Gesellschaft mit beschränkter Haftung, Berlin, Germany. Pictorial post-cards, congratulatory cards, fancy cards, and posters	54,653	June 26	122	3004
Chryso-til Granite Co., West Hoboken, N. J. Cement, plaster and tiles and bricks made therefrom	57,884	Dec. 4	125	1689
Chrysolite Drug & Chemical Co., New York, N. Y. Boiler compounds	56,585	Oct. 9	124	1838
Chubb, Morgan, Brooklyn, N. Y. Toilet powder	55,974	Aug. 21	123	2621
Church & Dwight Company, New York, N. Y. Baking-soda and baking-powder	52,292	May 8	122	714
Church & Dwight Company, New York, N. Y. Soda and saleratus, baking-powder, and sal-soda	55,665	Aug. 21	123	2613
Church & Dwight Company, New York, N. Y. Baking-soda and baking-powder	57,847	Nov. 27	125	1344
Church & Dwight Company, New York, N. Y. Baking-soda and baking-powder	57,849	Nov. 27	125	1344
Church & Dwight Company, New York, N. Y. Bicarbonate of soda	57,849	Nov. 27	125	1344
Churchill and Alden Co., Brockton, Mass. Leather boots and shoes	57,583	Nov. 13	125	661
Ciñentes, Fernandez y Ca., Havana, Cuba. Cigars	53,480	June 5	122	2051
Cincinnati Cordage & Paper Co., Cincinnati, Ohio. Writing-paper	55,052	Aug. 7	123	1980
Cincinnati Game Co., Cincinnati, Ohio. Card games	48,727	Jan. 9	120	651
Cincinnati Soap Company, Cincinnati, Ohio. Toilet soap	52,508	May 8	122	723
Citizens' Wholesale Supply Co., Columbus, Ohio. Desiccated cocoanut	50,251	Mar. 6	121	332
Citizens' Wholesale Supply Co., Columbus, Ohio. Ground spices	50,452	Mar. 20	121	1003
Citizens' Wholesale Supply Co., Columbus, Ohio. Hair-restoratives and hair-tonics	55,666	Aug. 21	123	2613
Citizens' Wholesale Supply Co., Columbus, Ohio. Certain named toilet preparations	55,809	Aug. 21	123	2616
Citizens' Wholesale Supply Co., Columbus, Ohio. Coffees and natural-leaf teas	58,852	Dec. 25	125	2756
Citizens' Wholesale Supply Company, Columbus, Ohio. Cocoa and chocolate	58,169	Dec. 11	125	2037
Citizens' Wholesale Supply Company, Columbus, Ohio. Toilet waters and perfumery	58,396	Dec. 11	125	2043
Citrus Soap Company, San Diego, Cal. Washing-powders	49,328	Jan. 30	120	1473

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Clapp & Tapley, Danvers, Mass. Leather boots and shoes.	54,134	June 19	122	2682
Clarey, James, New York, N. Y. Bread, biscuits, rolls, pies, cakes, and crackers.	53,745	June 12	122	2378
Clark, Coggin and Johnson Company, Boston, Mass. Coffee.	51,779	Apr. 24	121	2653
Clark-Hutchinson Company, Boston, Mass. Leather boots, shoes, and slippers.	49,999	Feb. 27	120	2747
Clark-Hutchinson Company, Boston, Mass. Leather boots, shoes, and slippers.	50,000	Feb. 27	120	2747
Clark-Hutchinson Company, Boston, Mass. Leather boots, shoes, and slippers.	50,001	Feb. 27	120	2747
Clark, J. L., Oshkosh, Wis. Vehicle spring seats and cushions.	49,325	Jan. 30	120	1473
Clark, James A., Bedford City, Va. Smoking and chewing tobacco.	48,776	Jan. 16	120	891
Clark, John L., Boston, Mass. Pajamas.	57,292	Nov. 13	125	653
Clark Manufacturing Company, Boston, Mass. Supporters for hose and skirts.	55,601	Aug. 21	123	2611
Clark Mile-End Spool Cotton Co., East Newark, N. J. Cotton thread.	49,298	Jan. 30	120	1471
Clark Mile-End Spool Cotton Co., East Newark, N. J. Cotton thread.	52,355	May 8	122	717
Clark Mile-End Spool Cotton Co., East Newark, N. J. Darning-cotton, crochet-cotton, and cotton thread.	54,324	June 26	122	2990
Clark Mile-End Spool Cotton Co., East Newark, N. J. Cotton thread.	54,443	June 26	122	2995
Clark Mile-End Spool Cotton Co., East Newark, N. J. Cotton thread.	57,376	Nov. 13	125	656
Clark Paper & Manufacturing Co., Rochester, N. Y. Paste in powder form.	57,497	Nov. 13	125	659
Clark, Robert M., Boston, Mass. Certain named device.	55,493	Aug. 14	123	2305
Clark Thread Co., Newark, N. J. Cotton thread of all kinds.	54,654	June 26	122	3004
Clark Thread Co., Newark, N. J. Cotton thread of all kinds.	54,934	Aug. 7	123	1977
Clark Thread Co., Newark, N. J. All kinds of cotton thread.	55,558	Aug. 14	123	2307
Clark Thread Co., Newark, N. J. Vamping-thread.	56,110	Aug. 28	123	2969
Clark Thread Co., Newark, N. J. Cotton thread.	57,777	Nov. 27	125	1342
Clark Thread Co., Newark, N. J. Spool-cotton or cotton thread.	57,778	Nov. 27	125	1342
Clarke, Audley, Brooklyn, N. Y. Portland cement.	50,090	Mar. 6	121	326
Clarke, Audley, Brooklyn, N. Y. Portland cement.	56,131	Aug. 28	123	2969
Clarke, Charles J., Paris, Ky. Poultry medicine for limber-neck and roup.	53,067	May 22	122	1392
Clarke's-Pyramid and Fairy Light Company, Limited, London, England. Candle-lamps.	50,324	Mar. 13	121	681
Clarke's-Pyramid and Fairy Light Company, Limited, London, England. Lamps.	50,408	Mar. 13	121	684
Clarke's-Pyramid and Fairy Light Company, Limited, London, England. Short thick candles.	50,498	Mar. 20	121	1005
Clarke's-Pyramid and Fairy Light Company, Limited, London, England. Short thick candles.	50,499	Mar. 20	121	1005
Clarke's-Pyramid and Fairy Light Company, Limited, London, England. Short thick candles.	50,500	Mar. 20	121	1005
Claro Milling Company, Lakeville, Minn. Wheat-flour.	56,953	Oct. 30	124	2895
Claro Milling Company, Lakeville, Minn. Wheat-flour.	56,954	Oct. 30	124	2895
Clauberg & Co., F. A., New York, N. Y. Razors.	53,306	May 29	122	1715
Clauberg & Co., F. A., New York, N. Y. Razors.	54,737	June 26	122	3007
Clauberg & Co., F. A., New York, N. Y. Scissors and shears.	55,168	Aug. 7	123	1984
Clauberg & Co., F. A., New York, N. Y. Certain named cutlery and edge-tools.	56,552	Oct. 9	124	1837
Clauss, Henrie, Fremont, Ohio. Razors.	48,916	Jan. 16	120	896
Clauss, Henrie, Fremont, Ohio. Shears and scissors.	51,546	Apr. 17	121	2318
Clauss, Henrie, Fremont, Ohio. Razors.	56,269	Sept. 4	124	314
Clauss, Henrie, Fremont, Ohio. Razors.	57,088	Nov. 6	125	341
Clauss, Henrie, Fremont, Ohio. Razor-strops.	57,211	Nov. 6	125	344
Clauss, Henrie, Fremont, Ohio. Razors, shears, and pocket-scissors, pocket-knives, and manicure-blades.	58,478	Dec. 18	125	2354
Clawson, Clement C., Flagtown, N. J. Ice-shaving machines.	51,983	May 1	122	338
Clawson, Clement C., Flagtown, N. J. Ice-shaving machines.	51,984	May 1	122	338
Clawson Company, Philadelphia, Pa. Cold-cream.	54,970	Aug. 7	123	1978
Clemson, George N., Middletown, N. Y. Saws.	50,640	Mar. 27	121	1337
Clendinning, Francis, Brooklyn Hills and Richmond Hills, N. Y. Remedy for catarrh.	51,547	Apr. 17	121	2318
Cleveland Baking Powder Company, New York, N. Y. Baking-powder.	52,994	May 22	122	1389
Cleveland Baking Powder Company, New York, N. Y. Baking-powder.	57,212	Nov. 6	125	344
Cleveland Gas and Electric Fixture Company, Cleveland, Ohio. Incandescent mantles and supports therefor.	48,625	Jan. 9	120	647
Cleveland Provision Company, Cleveland, Ohio. Hams and breakfast-bacon.	58,128	Dec. 4	125	1695
Cleveland & Sandusky Brewing Company, Cleveland, Ohio. Beer in bottles.	52,091	May 1	122	342
Cleveland Twist Drill Co., Cleveland, Ohio. Certain named tools and tool-holders.	53,720	June 12	122	2377
Cleveland Twist Drill Company, Cleveland, Ohio. Nail-sets.	53,539	June 5	122	2054
Cleveland Twist Drill Company, Cleveland, Ohio. Certain named mills.	53,540	June 5	122	2054
Cleveland Twist Drill Company, Cleveland, Ohio. Certain named edge-tools.	55,115	Aug. 7	123	1982
Cleveland Twist Drill Company, Cleveland, Ohio. Certain named edge-tools.	55,126	Aug. 7	123	1983
Cleveland Twist Drill Company, Cleveland, Ohio. Wooden cases and cabinets for tools.	58,635	Dec. 18	125	2358
Cleveland & Whitehill Company, Newburgh, N. Y. Overalls, aprons, coats, and pants.	50,743	Mar. 27	121	1341
Clicquot Club Company, Millis, Mass. Certain named non-alcoholic beverages.	55,201	Aug. 7	123	1984
Clifton Manufacturing Co., Clifton, S. C. Cotton piece goods.	50,924	Apr. 3	121	1662
Climax Cleaner Mfg. Co., Cleveland, Ohio. Fresco, calcimine, and wall-paper cleaner.	50,092	Mar. 6	121	326
Climax Fuse Co., New York, N. Y. Safety-fuse for exploding gunpowder and other explosives.	56,488	Oct. 2	124	1517
Climax Fuse Co., New York, N. Y. Fuses.	56,489	Oct. 2	124	1517
Climax Road Machine Co., Marathon, N. Y. Rock-crushers.	53,973	June 19	122	2676
Climax Road Machine Co., Marathon, N. Y. Road-grading machinery.	56,955	Oct. 30	124	2895
Clincher Automobile Tire Manufacturers' Association, Akron, Ohio. Metallic rims for vehicle-wheels.	52,293	May 8	122	714
Cling-Surface Company, Buffalo, N. Y. Preservatives and fillers for belts.	53,307	May 29	122	1715
Clinton Brewing Co., Clinton, Iowa. Beer.	55,669	Aug. 21	123	2613
Clinton & Co., E., Philadelphia, Pa. Paint-brushes.	49,517	Feb. 6	120	1819
Clinton Iron and Steel Company, Pittsburg, Pa. Pig-iron.	51,516	Apr. 17	121	2316
Clinton Oil Co., Cleveland, Ohio. Flexible waterproof paint for roofing.	56,785	Oct. 16	124	2175
Clochessy, John, New York, N. Y. Paper bags.	50,641	Mar. 27	121	1337
Closett & Devers, Portland, Oreg. Baking-powder.	56,537	Oct. 2	124	1518
Clover Leaf Wine Co., assignor to Jaros Importing and Distributing Co., New York, N. Y. Whisky.	51,780	Apr. 24	121	2653
Clover Leaf Wine Co., assignor to Jaros Importing and Distributing Co., New York, N. Y. Whisky.	54,738	June 26	122	3007
Cloverine Fertilizer Co., Mount Pleasant, Tenn. Artificial fertilizers.	54,466	June 26	122	2996
Cluett Peabody & Co., Troy, N. Y. Outer shirts and dress-shirts.	49,050	Jan. 23	120	1156
Cluett Peabody & Co., Troy, N. Y. Shirts, collars, and cuffs.	50,779	Mar. 27	121	1343
Cluett Peabody & Co., Troy, N. Y. Collars.	54,225	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,226	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,227	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,228	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,229	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,230	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,231	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,232	June 26	122	2987
Cluett Peabody & Co., Troy, N. Y. Collars.	54,267	June 26	122	2988
Cluett Peabody & Co., Troy, N. Y. Collars.	54,268	June 26	122	2988
Cluett Peabody & Co., Troy, N. Y. Collars.	54,269	June 26	122	2988
Cluett Peabody & Co., Troy, N. Y. Collars.	54,270	June 26	122	2988

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page
Cluett Peabody & Co., Troy, N. Y. Collars.....	54,271	June 26	122	2988
Cluett Peabody & Co., Troy, N. Y. Collars.....	54,272	June 26	122	2988
Clyde Kraut Company, Clyde, Ohio. Sauer-kraut.....	55,169	Aug. 7	123	1984
Clyne, Mary E., assignor to Best Supply Company, Joliet, Ill. Corn-plaster.....	58,940	Dec. 25	125	2758
Co-operative Foundry Co., Rochester, N. Y. Stoves, ranges, furnaces, and steam and hot-water heaters.....	55,053	Aug. 7	123	1980
Co-operative Foundry Co., Rochester, N. Y. Stoves, ranges, furnaces, and heaters.....	55,054	Aug. 7	123	1981
Coalite Company, Boston, Mass. Compound for treating waste materials containing carbon to render them combustible.....	52,439	May 8	122	720
Cocheco Mfg. Co., Dover, N. H. Velvetens.....	49,429	Feb. 6	120	1815
Cocheco Specialty Company, Farmington, N. H. Stove-polish.....	57,672	Nov. 27	125	1340
Cochrane Manufacturing Co., East Dedham and Malden, Mass., and New York, N. Y. Handkerchiefs.....	51,962	May 1	122	337
Cockle & Co., James, London, England. Medical preparation for diseases of the digestive tract.....	54,990	Aug. 7	123	1979
Coe Brass Manufacturing Company, Torrington, Conn. Extruded metals.....	50,625	Mar. 27	121	1337
Coen, Albert E., Wilkensburg, Pa. Metallic and roofing paint.....	51,264	Apr. 10	121	1970
Coffield & Son, Peter T., Dayton, Ohio. Power-operated washing-machines.....	55,370	Aug. 14	123	2302
Cohea, Alfred J., Indianapolis, Ind. Printed books and pamphlets.....	56,679	Oct. 16	124	2172
Cohen & Son, Charles J., Philadelphia, Pa. Envelops and paper.....	52,879	May 22	122	1385
Cohen & Son, Charles J., Philadelphia, Pa. Envelops and paper.....	52,880	May 22	122	1385
Cohen & Son, Charles J., Philadelphia, Pa. Envelops and paper.....	52,881	May 22	122	1385
Cohn, George, Louisville, Ky. Whisky.....	51,316	Apr. 10	121	1972
Cohn, George, Louisville, Ky. Whisky.....	55,282	Aug. 14	123	2299
Colburn, Birks & Co., Peoria, Ill. Tonic.....	50,224	Mar. 6	121	331
Colburn, Birks & Co., Peoria, Ill. Cordials.....	51,578	Apr. 17	121	2319
Colburn, Birks & Co., Peoria, Ill. Cherry-rye phosphates.....	51,634	Apr. 17	121	2321
Colburn, Birks & Co., Peoria, Ill. Cordials.....	55,737	Aug. 21	123	2614
Cole & Co., J. W., Black River Falls, Wis. Salves, ointments, or unguents containing carbolic acid as an ingre lient.....	55,975	Aug. 21	123	2621
Cole & Co., J. W., Black River Falls, Wis. Ointments and salves.....	56,157	Aug. 28	123	2970
Cole Lithographing Company, Chicago, Ill. Advertising-cartons.....	50,925	Apr. 3	121	1662
Colebrookdale Iron Company, Colebrookdale, Pa. Food-chopping machines.....	56,553	Oct. 9	124	1837
Coleman, George A., Washington, D. C. Remedy for skin diseases.....	51,339	Apr. 10	121	1973
Coles Company, Middletown, Conn. Wheat-flour.....	50,480	Mar. 20	121	1004
Colgate & Co., New York, N. Y. Perfumery.....	50,364	Mar. 13	121	682
Colgate & Co., New York, N. Y. Soaps for toilet, laundry, and household use.....	54,002	June 19	122	2677
Colgate & Co., New York, N. Y. Soap.....	55,846	Aug. 21	123	2617
Colgate & Co., New York, N. Y. Soaps and soap powders.....	55,847	Aug. 21	123	2617
Colgate & Co., New York, N. Y. Soaps and soap powders.....	55,848	Aug. 21	123	2617
Colgate & Co., New York, N. Y. Soaps and soap powders.....	55,849	Aug. 21	123	2617
Colgate & Co., New York, N. Y. Soaps and soap powders.....	55,886	Aug. 21	123	2618
Colgate & Co., New York, N. Y. Liquid and powder perfumes.....	57,034	Oct. 30	124	2897
Colgate & Co., New York, N. Y. Liquid and powder perfumes.....	57,035	Oct. 30	124	2897
Colgate & Co., New York, N. Y. Liquid and powder perfumes.....	57,036	Oct. 30	124	2897
Colgate & Co., New York, N. Y. Liquid and powder perfumes.....	57,054	Oct. 30	124	2897
Colgate & Co., New York, N. Y. Soap.....	58,702	Dec. 25	125	2751
Colgate & Co., New York, N. Y. Flavoring extracts.....	58,879	Dec. 25	125	2756
Collier & Son, P. F., New York, N. Y. Weekly illustrated magazine.....	55,055	Aug. 7	123	1981
Collin County Mill & Elevator Company, McKinney, Tex. Wheat-flour.....	52,194	May 1	122	346
Collin County Mill & Elevator Company, McKinney, Tex. Wheat-flour.....	53,778	June 12	122	2379
Collins Company, Collinsville, Conn. Axes, hatchets, and adzes.....	50,138	Mar. 6	121	328
Collins Company, Collinsville, Conn. Axes, hatchets, and adzes.....	50,481	Mar. 20	121	1004
Collins Company, Collinsville, Conn. Plows and parts thereof.....	52,092	May 1	122	342
Collins Company, Collinsville, Conn. Certain named cutting-tools.....	57,498	Nov. 13	125	659
Collins Company, Collinsville, Conn. Certain named edge-tools.....	58,941	Dec. 25	125	2758
Collins Company, Collinsville, Conn. Certain named edge-tools.....	58,942	Dec. 25	125	2758
Collins & Fairbanks Company, Boston, Mass. Hats, caps, and bonnets.....	50,926	Apr. 3	121	1662
Collins, James M., Salt Lake City, Utah. Blood and nerve tonics.....	53,622	June 5	122	2057
Collins, William A., Philadelphia, Pa. Powder for use in making ice-cream and ices.....	50,569	Mar. 20	121	1008
Colman, Norman J., St. Louis, Mo. Journal or periodical.....	57,089	Nov. 6	125	341
Colonial Press, Boston, Mass. Magazines.....	55,891	Aug. 21	123	2619
Colorado Bedding Co., Pueblo, Colo. Mattresses.....	53,139	May 29	122	1709
Colorado Iron Works Co., Denver, Colo. Ore-smelting and ore-milling machinery.....	53,117	May 29	122	1708
Colton, Albert R., Newark, N. J. Corsets.....	49,466	Feb. 6	120	1816
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	49,430	Feb. 6	120	1815
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	50,125	Mar. 6	121	327
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	50,460	Mar. 20	121	1004
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	50,584	Mar. 27	121	1335
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	50,585	Mar. 27	121	1335
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	52,903	May 22	122	1386
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols.....	52,904	May 22	122	1386
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Rifles and guns.....	58,249	Dec. 11	125	2039
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Rifles and guns.....	58,277	Dec. 11	125	2040
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Rifles and guns.....	58,278	Dec. 11	125	2040
Columbia Chemical Works, Brooklyn, N. Y. Aqua-ammonia.....	58,397	Dec. 11	125	2043
Columbia Distilling Co., St. Louis, Mo. Whisky.....	48,541	Jan. 2	120	318
Columbia Distilling Co., Albany, N. Y. Whisky.....	55,810	Aug. 21	123	2616
Columbia Distilling Co., Albany, N. Y. Whisky.....	56,515	Oct. 2	124	1517
Columbia Hosiery Co., New York, N. Y. Stockings.....	49,763	Feb. 13	120	2122
Columbia Hosiery Co., New York, N. Y. Stockings.....	50,570	Mar. 20	121	1008
Columbia Incandescent Lamp Co., St. Louis, Mo. Incandescent electric lamps.....	49,034	Jan. 23	120	1156
Columbia Knitting Company, Milwaukee, Wis. Hosiery.....	53,541	June 5	122	2054
Columbia Overgaiter & Legging Co., Chicago, Ill. Leggings or overgaiters.....	49,229	Jan. 30	120	1469
Columbia Refining Co., New York, N. Y. Cleaning and renovating compounds.....	49,028	Jan. 23	120	1155
Columbia Refining Co., New York, N. Y. Oil and water-color paints.....	52,006	May 1	122	339
Columbia Refining Co., New York, N. Y. Cold-water paints.....	57,341	Nov. 13	125	655
Columbia Tool Steel Co., Chicago Heights, Ill. Tool-steel.....	58,181	Dec. 11	125	2037
Columbia Wax Works, New York, N. Y. Laundry wax.....	57,850	Nov. 27	125	1344
Columbian Hardware Company. (See Reading Hardware Company, assignor.)				
Columbian Hdw. Co., Cleveland, Ohio. Spring-hinges.....	53,676	June 12	122	2376
Columbian Hdw. Co., Cleveland, Ohio. Spring-hinges.....	53,692	June 12	122	2376
Columbian Hdw. Co., Cleveland, Ohio. Spring-hinges.....	53,693	June 12	122	2376
Columbian Hdw. Co., Cleveland, Ohio. Spring-hinges.....	53,694	June 12	122	2376
Columbian Hdw. Co., Cleveland, Ohio. Spring-hinges.....	53,695	June 12	122	2376
Columbian Hdw. Co., Cleveland, Ohio. Coat and hat hooks.....	55,446	Aug. 14	123	2304
Columbian Hdw. Co., Cleveland, Ohio. Door-springs.....	55,494	Aug. 14	123	2305

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Columbian Hdw. Co., Cleveland, Ohio. Door-hinges, door-springs, and door-pulls.	55,559	Aug. 14	123	2307
Columbian Hdw. Co., Cleveland, Ohio. Vises and parts of vises.	56,158	Aug. 28	123	2970
Columbian Rope Company, Auburn, N. Y. Rope.	50,586	Mar. 27	121	1335
Columbus Shirt Company, Chicago, Ill. Dress-shirts and negligée shirts.	55,127	Aug. 7	123	1983
Colytine Chemical Co., St. Louis, Mo. Antiseptic, prophylactic disinfectants, and parasitocides.	49,147	Jan. 23	120	1160
Comfort Heel Cushion Company, Philadelphia, Pa. Air-cushioning heel-pads and insoles for boots and shoes.	50,347	Mar. 13	121	682
Common Sense Garter Co., Malone, N. Y. Garters.	55,668	Aug. 21	123	2613
Commonwealth Manufacturing Co., Portland, Me., and Boston, Mass. Methyl alcohol.	56,554	Oct. 9	124	1837
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes.	55,669	Aug. 21	123	2613
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes.	55,734	Aug. 21	123	2614
Commonwealth Shoe and Leather Company, Boston, Mass. Leather boots and shoes.	58,250	Dec. 11	125	2039
Compagnie Générale de Phonographes Cinématographes et Appareils de Précision, Paris, France. Photographic films.	50,807	Apr. 3	121	1657
Compagnie Ray mit beschränkter Haftung, Berlin, Germany. Soap.	55,079	Aug. 7	123	1981
Compañia General de Tabacos de Filipinas, Barcelona, Spain. Cigars.	55,371	Aug. 14	123	2302
Compañia General de Tabacos de Filipinas, Barcelona, Spain. Cigars.	55,447	Aug. 14	123	2304
Compañia General de Tabacos de Filipinas, Barcelona, Spain. Cigars.	55,560	Aug. 14	123	2307
Compañia Vinicola del Norte de España, Bilbao, Spain. Claret in bottles.	52,478	May 8	122	722
Compañia Vinicola del Norte de España, Bilbao, Spain. White wine in bottles.	52,509	May 8	122	723
Computing Scale Co., Dayton, Ohio. Weighing-scales.	55,147	Aug. 7	123	1983
Computing Scale Co., Dayton, Ohio. Weighing-scales.	55,148	Aug. 7	123	1983
Comstock Engine Co., New York, N. Y. Lubricators.	57,744	Nov. 27	125	1341
Concentrated Acetylene Company, Indianapolis, Ind. Illuminating-gas in portable tanks.	58,719	Dec. 25	125	2752
Condie Neale Glass Company, St. Louis, Mo. Sheet and plate glass.	57,906	Dec. 4	125	1689
Cone, David R., New Carlisle, Ohio. Bread.	51,781	Apr. 24	121	2653
Conewango Refining Co., Warren, Pa. Cylinder-lubricants and lubricant-stock.	49,692	Feb. 13	120	2120
Conewango Refining Co., Warren, Pa. Cylinder-lubricants and lubricant-stock.	49,882	Feb. 20	120	2436
Conklin, Horace E., Binghamton, N. Y. Grass-seed.	49,789	Feb. 13	120	2123
Conklin, Horace E., Binghamton, N. Y. Field-seeds and grass-seeds, including clover-seeds.	52,905	May 22	122	1386
Conkling, Allen, South Chicago, Ill. Toilet and bath soap.	49,637	Feb. 13	120	2118
Conkling, Allen, South Chicago, Ill. Laundry soap.	49,638	Feb. 13	120	2118
Conley, Oliver P. G., Troup, Tex. Certain named medical compound.	54,655	June 26	122	3004
Connable, Ralph M., Baltimore, Md. Medical ointment.	49,806	Feb. 20	120	2433
Conner, Wallace L., Brooklyn, N. Y. Furniture-polish.	55,372	Aug. 14	123	2302
Connor, John P., Lowell, Mass. Whisky.	52,195	May 1	122	346
Connor, John P., Lowell, Mass. Whisky.	52,196	May 1	122	346
Conrad & Company, Felix, New York, N. Y. Plate, dry-plate, and window glass.	51,017	Apr. 3	121	1666
Conroy, Thos. J., New York, N. Y. Fishing-lines.	56,917	Oct. 23	124	2529
Consolidated Coal & Coke Company, Denver, Colo. Lignite coal.	56,786	Oct. 16	124	2175
Consumers Brewing Company, St. Louis, Mo. Beer.	55,670	Aug. 21	123	2613
Consumers Co., Chicago, Ill. Water-coolers.	56,745	Oct. 16	124	2174
Consumers' Coffee Co., of N. O. Lmtd., New Orleans, La. Coffee.	58,139	Dec. 4	125	1695
Consumers' Coffee Co., of N. O. Lmtd., New Orleans, La. Roasted coffee.	58,140	Dec. 4	125	1695
Consumers' Coffee Co., of N. O. Lmtd., New Orleans, La. Coffee.	58,141	Dec. 4	125	1696
Consumers' Coffee Co., of N. O. Lmtd., New Orleans, La. Roasted coffee.	58,636	Dec. 18	125	2358
Consumers Park Brewing Co., New York, N. Y. Lager-beer.	50,665	Mar. 27	121	1338
Consumers Park Brewing Co., Brooklyn, N. Y. Lager-beer.	52,510	May 8	122	723
Consumers Supply Company, St. Louis, Mo. Coffee.	51,018	Apr. 3	121	1666
Continental Caoutchouc Company, New York, N. Y. India-rubber bags and pouches.	51,439	Apr. 17	121	2351
Continental Caoutchouc Company, New York, N. Y. India-rubber bags and pouches.	51,760	Apr. 24	121	2673
Continental Color and Chemical Co. (See Kuttroff, Pickhardt & Company, assignors.)				
Continental Color and Chemical Co., New York, N. Y. Dyestuffs.	53,720	Dec. 25	125	2752
Continental Creamery Company, Denver, Colo., and Topeka, Kans. Butter.	56,818	Oct. 23	124	2527
Continental Creamery Company, Denver, Colo., and Topeka, Kans. Butter.	56,819	Oct. 23	124	2527
Continental Creamery Company, Denver, Colo., and Topeka, Kans. Butter.	56,820	Oct. 23	124	2527
Continental Gin Company, Birmingham, Ayondale, and Prattville, Ala.; Atlanta, Ga.; Bridge-water, Mass.; Dallas, Tex., and Memphis, Tenn. Cotton-ginning machinery.	57,377	Nov. 13	125	656
Continental Vending Company, Rochester, N. Y. Chewing-gum.	56,205	Sept. 4	124	313
Cook, Arthur J., Westfield, Mass. Whips.	51,265	Apr. 10	121	1902
Cook & Bernheimer Co., New York, N. Y. Bottles of square or cubical form.	50,666	Mar. 27	121	1338
Cook & Brady, Middletown, Del. Butter.	56,680	Oct. 16	124	2172
Cook & Brady, Middletown, Del. Butter.	58,880	Dec. 25	125	2756
Cook and Van Evert Co., Chicago, Ill. Cooking ranges and stoves.	53,677	June 12	122	2376
Cook's Sons, Adam, New York, N. Y. Lubricating-grease.	49,636	Feb. 13	120	2118
Cook's Sons, Adam, New York, N. Y. Lubricating-grease.	52,007	May 1	122	339
Cook's Sons, Adam, New York, N. Y. Lubricating-grease.	52,547	May 15	122	1031
Cooley, Herbert S., Keyport, N. J. Laxative compound or preparation.	49,467	Feb. 6	120	1817
Cooley, Martin I., New York, N. Y. Cotton piece goods.	49,148	Jan. 23	120	1160
Cooper & Co., W. W., Marion, N. C. Whisky.	58,058	Dec. 4	125	1693
Cooper, Edwin, Vienna, Austria-Hungary. Packing materials for steam and water joints.	53,372	June 5	122	2047
Cooper & McKee, Brooklyn, N. Y. Refrigerators.	56,232	Sept. 4	124	313
Cooper Underwear Co., Kenosha, Wis. Knit undershirts and drawers.	54,890	July 31	123	1660
Cooper, Wells & Co., St. Joseph, Mich. Hosiery.	50,780	Mar. 27	121	1343
Cooper, Wells & Co., St. Joseph, Mich. Hosiery.	51,724	Apr. 24	121	2651
Copeland, Charles C., Milton, Mass. Carbonated tonic beverage.	53,592	June 5	122	2056
Copeland & Ryder Co., Jefferson, Wis. Leather boots and shoes.	57,959	Dec. 4	125	1691
Coplen, Clarence W., Pittsburg, Pa. Newspaper or periodical.	58,363	Dec. 11	125	2042
Corato, Joseph, Stockton, Cal. Tonic.	49,807	Feb. 20	120	2433
Corbin & Co., H. F., Cincinnati, Ohio. Whisky.	55,283	Aug. 14	123	2299
Corbin & Co., H. F., Cincinnati, Ohio. Whisky.	56,286	Sept. 4	124	315
Cordell Gin & Milling Company, Cordell, Okla. Ter. Wheat-flour.	52,882	May 22	122	1385
Corliss Chemical Company, St. Louis, Mo. Washing compound.	57,241	Nov. 6	125	345
Corning and Company, Peoria, Ill. Whisky.	51,494	Apr. 17	121	2316
Corning and Company, Peoria, Ill. Whisky.	51,517	Apr. 17	121	2316
Corning and Company, Peoria, Ill. Whisky.	55,261	Aug. 14	123	2299
Corning and Company, Peoria, Ill. Gin.	57,639	Nov. 27	125	1339
Corona Kid Company, assignor to Corona Kid Manufacturing Company, Boston, Mass. Finished or dressed leather.	51,121	Apr. 3	121	1670
Corona Kid Company, assignor to Corona Kid Manufacturing Company, Boston, Mass. Finished or dressed leather.	51,122	Apr. 3	121	1670
Corona Kid Manufacturing Company. (See Corona Kid Company, assignor.)				
Coronet Corset Co., Jackson, Mich., and New York, N. Y. Corsets, corset-waists, dress-stays, &c.	51,761	Apr. 24	121	2652
Corrizo Extract Co., New York, N. Y. Vanilla-oil.	52,949	May 22	122	1388
Corset H Company, Worcester, Mass. Corsets.	57,408	Nov. 13	125	657
Corset H Company, Worcester, Mass. Corsets.	57,442	Nov. 13	125	658

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page
Coshland & Co., G. F., New York, N. Y. Whisky	48,577	Jan. 2	120	320
Cosmo Company, Philadelphia, Pa. Toilet creams	57,851	Nov. 27	125	1344
Cosseboom, Pearce & Co., Aspen, Colo. Polish for metals	49,635	Feb. 13	120	2118
Cotton States Belting & Supply Co., Atlanta, Ga. Babbitt and antifriction metal	50,808	Apr. 3	121	1657
Couch Brothers & J. J. Eagan Co., Atlanta and East Point, Ga. Collars, collar-pads, and back-bands	50,927	Apr. 3	121	1662
Cough Checker Manufacturing Co., Newburgh, N. Y. Cough mixture	52,511	May 8	122	723
Countie, Charles J., Boston, Mass. Toilet cream	53,849	June 12	122	2382
Coupe Bros., Fall River, Mass. Belt-dressings	58,479	Dec. 18	125	2354
Courtenay Mfg. Co., Newry, S. C. Sheetings	51,177	Apr. 3	121	1672
Cover, Harvey S., South Bend, Ind. Respirators	50,461	Mar. 20	121	1004
Covert, James C., Watervliet, N. Y. Medicines for certain named diseases	56,746	Oct. 16	124	2174
Covert Mfg. Co., Watervliet, N. Y. Snap-hooks	56,490	Oct. 2	124	1517
Covert Mfg. Co., Watervliet, N. Y. Snap-hooks	56,491	Oct. 2	124	1517
Covert Mfg. Co., Watervliet, N. Y. Snap-hooks	56,492	Oct. 2	124	1517
Covert Mfg. Co., Watervliet, N. Y. Snap-hooks	56,555	Oct. 9	124	1837
Covillea Tridentata Mfg. Co., Tempe, Ariz. Ter. Salve	55,671	Aug. 21	123	2613
Coweta Fertilizer Company, Newnan, Ga. Fertilizers	57,293	Nov. 13	125	653
Coweta Fertilizer Company, Newnan, Ga. Fertilizers	57,294	Nov. 13	125	653
Coweta Fertilizer Company, Newnan, Ga. Fertilizers	57,310	Nov. 13	125	654
Cox, William H., Stuart, Iowa. Liniment for the cure of cuts and flesh wounds	53,334	May 29	122	1716
Coyle, Frederick J., Pawtucket, R. I. Wheat-flour	56,032	Aug. 21	123	2622
Cracker Jack Liniment Company, Burkes Garden, Va. Liniments	53,623	June 5	122	2057
Craddock-Terry Company, Lynchburg, Va. Leather boots and shoes	51,396	Apr. 17	121	2312
Crandall, Frank A., Chicago, Ill. Floor filler and surfacer	55,495	Aug. 14	123	2305
Crane Ice Cream Company, Philadelphia, Pa. Ice-cream	55,237	Aug. 7	123	1985
Cranston, John M., Augusta, Ga. Whisky	52,642	May 15	122	1034
Cranston, John M., Augusta, Ga. Whisky	53,879	June 12	122	2383
Cranston, John M., Augusta, Ga. Cocktails	58,337	Dec. 11	125	2041
Crates & Bowen, Findlay, Ohio. Chemical preparation to clear rain-water	55,811	Aug. 21	123	2616
Cravenette Company, Ltd., Bradford, England. Waterproofed fabrics	58,298	Dec. 11	125	2040
Crawford, John, New York, N. Y. Steel pens	55,421	Aug. 14	123	2303
Crawford, John E., Chicago, Ill. Switchboard-cords	49,966	Feb. 27	120	2746
Cream of Wheat Co., Minneapolis, Minn. Breakfast-food made from wheat	55,812	Aug. 21	123	2616
Cream of Wheat Co., Minneapolis, Minn. Breakfast-food made from wheat	56,821	Oct. 23	124	2527
Cream of Wheat Co., Minneapolis, Minn. Breakfast-food made from wheat	56,822	Oct. 23	124	2527
Creamery Package Mfg. Company, Chicago, Ill. Certain named glassware	52,319	May 8	122	715
Creighton & Son, G. A., Lynn, Mass. Leather boots and shoes	48,634	Jan. 9	120	647
Crescent Burner Manufacturing Co., New York, N. Y. Burners for acetylene and other gases	52,716	May 15	122	1037
Crescent Burner Manufacturing Co., New York, N. Y. Burners for acetylene and other gases	58,182	Dec. 11	125	2037
Crescent Electrical & Manufacturing Company, Valparaiso, Ind. Electric time-switches	50,426	Mar. 13	121	685
Crescent Macaroni & Cracker Co., Davenport, Iowa. Macaroni, spaghetti, vermicelli, and noodles	51,782	Apr. 24	121	2653
Crescent Macaroni & Cracker Co., Davenport, Iowa. Macaroni, spaghetti, vermicelli, and noodles	53,438	June 5	122	2049
Crescent Macaroni & Cracker Co., Davenport, Iowa. Crackers, biscuits, and cakes	54,545	June 26	122	3000
Crescent Manufacturing Co., Seattle, Wash. Flavoring extracts	48,449	Jan. 2	120	315
Crescent Manufacturing Co., Seattle, Wash. Coffee	49,068	Jan. 23	120	1157
Crescent Manufacturing Co., Seattle, Wash. Baking-powder	51,340	Apr. 10	121	1973
Cresenola Soap Co., Gloversville, N. Y. Soap	54,775	July 31	123	1657
Crew Levick Co., Philadelphia, Pa. Lubricating-oils	50,851	Apr. 3	121	1659
Crimmings-Megrath Co. Inc., Boston, Mass. Tooth-powder containing phenol	53,268	May 29	122	1714
Crist, Scott & Parshall, Cooperstown, N. Y. Monthly magazines	53,215	May 29	122	1711
Cristadoro, Alexander, New York, N. Y. Hair-dyes	52,452	May 8	122	720
Cristadoro, Alexander, New York, N. Y. Hair-tonics	57,852	Nov. 27	125	1344
Criterion Publishing Company, Chicago, Ill. Magazines	49,821	Feb. 20	120	2434
Critic Publishing Company, Colorado Springs, Colo. Periodical journals	55,850	Aug. 21	123	2617
Croll, John H., New Orleans, La. Stomach-bitters	57,162	Nov. 6	125	343
Cromley, James B., New York, N. Y. Rheumatism cure	53,593	June 5	122	2056
Cromwell, Philip G., Baltimore, Md. Hams	48,450	Jan. 2	120	315
Cromwell, Philip G., Baltimore, Md. Ham and bacon	48,451	Jan. 2	120	315
Cromwell, Philip G., Baltimore, Md. Hams	48,452	Jan. 2	120	315
Cromwell, Philip G., Baltimore, Md. Lard	49,899	Feb. 20	120	2437
Crosby & Co., Detroit, Mich. Certain named polish	49,639	Feb. 13	120	2118
Cross, C. V., San Francisco, Cal. Powders for indigestion, &c.	54,593	June 26	122	3001
Cross, John H., Lynn, Mass. Leather boots and shoes	50,147	Mar. 6	121	328
Croteau, Isaac, Providence, R. I. Remedy for impoverished blood and nerves	54,035	June 19	122	2678
Crouse, William H., Saratoga Springs, N. Y. Bread	56,823	Oct. 23	124	2527
Crouse-Hinds Company, Syracuse, N. Y. Electric-conduit fittings	50,462	Mar. 20	121	1004
Crouse-Hinds Company, Syracuse, N. Y. Electric-conduit fittings	50,463	Mar. 20	121	1004
Crow, William E., Waxahachie, Tex. Internal remedy for stomach, liver, and kidney diseases	58,784	Dec. 25	125	2754
Crowder-Mason Shoe Co., Indianapolis, Ind. Leather boots and shoes	52,413	May 8	122	719
Crowley, Charles H., New York, N. Y. Needles	49,431	Feb. 6	120	1815
Crowley, Charles H., New York, N. Y. Needles	50,091	Mar. 6	121	326
Crowley, James J., Washington, D. C. Whisky	55,238	Aug. 7	123	1985
Crown Cork and Seal Co., Baltimore, Md. Metallic bottle-stopper	56,493	Oct. 2	124	1517
Crown Cork and Seal Co., Baltimore, Md. Metallic bottle-stopper	56,494	Oct. 2	124	1517
Crown Dental Laboratory, Chicago, Ill. Bite-wax	55,924	Aug. 21	123	2619
Crown Oil & Wax Company, Wilmington, Del., and Baltimore, Md. Liquid wax used in shoemaking	51,317	Apr. 10	121	1972
Crown Oil & Wax Company, Wilmington, Del., and Baltimore, Md. Dry paste	52,294	May 8	122	714
Crown Pipe and Foundry Co., Jackson, Ohio. Soil-pipes, fittings, and connections therefor	50,427	Mar. 13	121	685
Crown Ribbon & Carbon Manufacturing Company, Rochester, N. Y. Type-writer ribbons and carbon-paper	57,350	Nov. 13	125	655
Crozer & Son, Samuel A., Upland, Pa. Cotton plaids and stripes	48,653	Jan. 9	120	648
Crozer & Son, Samuel A., Upland, Pa. Cotton plaids, checks, stripes, and chevrons	51,679	Apr. 24	121	2649
Crucible Steel Company of America, Pittsburg, Pa. Steel	50,642	Mar. 27	121	1337
Crucible Steel Company of America, Pittsburg, Pa. Steel	50,643	Mar. 27	121	1337
Crucible Steel Company of America, Pittsburg, Pa. Steel	50,897	Apr. 3	121	1660
Crucible Steel Company of America, Pittsburg, Pa. Steel	50,898	Apr. 3	121	1660
Crucible Steel Company of America, Pittsburg, Pa. Steel	50,899	Apr. 3	121	1660
Crucible Steel Company of America, Pittsburg, Pa. Steel	52,260	May 8	122	713
Crucible Steel Company of America, Pittsburg, Pa. Steel	52,261	May 8	122	713
Crucible Steel Company of America, Pittsburg, Pa. Steel	52,657	May 15	122	1035
Crucible Steel Company of America, Pittsburg, Pa. Steel	52,907	May 22	122	1386
Crucible Steel Company of America, Pittsburg, Pa. Steel	53,118	May 29	122	1708
Crucible Steel Company of America, Pittsburg, Pa. Steel	53,624	June 5	122	2057
Crucible Steel Company of America, Pittsburg, Pa. Steel	53,721	June 12	122	2377

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Crucible Steel Company of America, Pittsburg, Pa. Steel.....	54,003	June 19	122	2677
Crucible Steel Company of America, Pittsburg, Pa. Steel.....	54,739	June 26	122	3007
Crucible Steel Company of America, Pittsburg, Pa. Steel.....	56,033	Aug. 21	123	2622
Crucible Steel Company of America, Pittsburg, Pa. Steel.....	56,064	Aug. 21	123	2623
Crucible Steel Company of America, Pittsburg, Pa. Steel.....	57,417	Nov. 13	125	657
Crume, Jonathan R., Bardstown, Ky. Remedy for chicken cholera, roup, and limberneck	48,917	Jan. 16	120	896
Crystalline Salt Company, Boston, Mass. Salt.....	54,199	June 19	122	2685
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Lard.....	50,295	Mar. 6	121	334
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Beef extract.....	50,296	Mar. 6	121	334
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Lard.....	50,297	Mar. 6	121	334
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Soap powder combined with mineral ingredients.....	50,697	Mar. 27	121	1339
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Mince-meat.....	51,827	Apr. 24	121	2655
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Soap.....	51,882	Apr. 24	121	2657
Cudahy Packing Company, Chicago, Ill., and South Omaha, Nebr. Lard and lard compound.....	49,170	Jan. 23	120	1161
Cudahy Packing Company, Chicago, Ill., and South Omaha, Nebr. Cured, smoked, and canned meats.....	58,916	Dec. 25	125	2757
Cuesta, Rey & Co., West Tampa, Fla. Cigars.....	50,409	Mar. 13	121	684
Cuesta, Rey & Co., West Tampa, Fla. Cigars.....	57,584	Nov. 13	125	661
Cultivator Publishing Company, Atlanta, Ga. Magazine or periodical.....	55,325	Aug. 14	123	2900
Cummings, Edwin J., Philadelphia, Pa. Coal.....	54,509	June 26	122	2308
Cumner, Jones & Co., Boston, Mass. Certain named textiles.....	57,139	Nov. 6	125	342
Cunningham & Thompson, Gloucester, Mass. Cured fish, dried and salted.....	55,735	Aug. 21	123	2614
Cunningham & Thompson, Gloucester, Mass. Cured fish, dried and salted.....	55,736	Aug. 21	123	2614
Curran and Joyce Co., Lawrence, Mass. Beer.....	54,594	June 26	122	3001
Currier-Boyce Company, Chicago, Ill. Magazine or periodical.....	52,906	May 22	122	1386
Currier-Todd Co., Lawrence, Mass. Butter.....	51,019	Apr. 3	121	1666
Curtice Brothers Co., Rochester, N. Y. Soups, vegetables, fruits, puddings, and catchup.....	56,714	Oct. 16	124	2173
Curtice Brothers Company, Rochester, N. Y. Catchup.....	55,170	Aug. 7	123	1984
Curtice Brothers Company, Rochester, N. Y. Catchup.....	55,813	Aug. 21	123	2616
Curtin & Clark Hardware Company, St. Joseph, Mo. Silver table-cutlery.....	53,140	May 29	122	1709
Curtis & Brown Manufacturing Company, (Limited,) New York, N. Y. Remedy for internal or external use.....	48,680	Jan. 9	120	649
Curtis and Brown Manufacturing Company, (Limited,) New York, N. Y. Tooth-powder.....	48,751	Jan. 9	120	652
Curtis and Brown Manufacturing Company, (Limited,) New York, N. Y. Worm medicine.....	48,918	Jan. 16	120	896
Curtis & Marble Machine Co., Worcester, Mass. Pickers and burring-machines and attachments and parts thereof.....	49,945	Feb. 27	120	2745
Curtis & Marble Machine Co., Worcester, Mass. Pickers and burring-machines and attachments and parts thereof.....	49,967	Feb. 27	120	2746
Curtis & Son Company, Portland, Me. Chewing-gum.....	55,373	Aug. 14	123	2302
Curtis's & Harvey, Limited, London, England. Gunpowder.....	55,939	Aug. 21	123	2620
Curtis's & Harvey, Limited, London, England. Gunpowder.....	56,348	Sept. 18	124	901
Curtis's & Harvey, Limited, London, England. Gunpowder.....	57,242	Nov. 6	125	345
Cushing & Co., W., Foxcroft, Me. Dye-colors.....	49,184	Jan. 30	120	1467
Cushman Drug Co., Vincennes, Ind. Remedy for certain named diseases.....	49,562	Feb. 13	120	2115
Cushman & Denison Manufacturing Company, New York, N. Y. Paper-clips.....	49,132	Jan. 23	120	1159
Cusie, Marshall M., Princeton, Ill. Preparation for the removal of superfluous hair.....	48,847	Jan. 16	120	894
Cusimano & Co., A., New Orleans, La. Olive-oil.....	58,853	Dec. 25	125	2756
Cutler Mfg. Co., Rochester, N. Y. Nail-chutes.....	57,745	Nov. 27	125	1342
Cutter & Crossette, Chicago, Ill. Shirts.....	55,586	Aug. 14	123	2307
D. Eddy & Sons Co., Boston, Mass. Refrigerators.....	49,707	Feb. 13	120	2120
D. Goff & Sons, Pawtucket, R. I. Mercerized cotton braid.....	53,542	June 5	122	2054
D. Holzman & Co., Spokane, Wash. Whisky.....	56,034	Aug. 21	123	2622
D. Kelly Co., Columbus, Ohio. Whisky.....	49,935	Feb. 27	120	2745
D. Kelly Company, Columbus, Ohio. Whisky.....	48,600	Jan. 2	120	321
D. Kelly Company, Columbus, Ohio. Whisky.....	48,601	Jan. 2	120	321
D. Kelly Company, Columbus, Ohio. Whisky.....	57,700	Nov. 27	125	1340
D. Levy & Sons Co., Baltimore, Md. Ladies' shirt-waists and shirt-waist suits.....	51,285	Apr. 10	121	1971
D. Ransom, Son and Company, Buffalo, N. Y. Ointment.....	51,518	Apr. 17	121	2317
D. Ransom, Son and Company, Buffalo, N. Y. Liniment.....	51,519	Apr. 17	121	2317
D. Ransom, Son and Company, Buffalo, N. Y. Internal and external remedy.....	51,925	Apr. 24	121	2659
D. Ransom, Son and Company, Buffalo, N. Y. Throat and lung remedies.....	57,529	Nov. 13	125	660
D. D. D. Company, Chicago, Ill. Medicine for the cure of eczema and other skin diseases.....	56,747	Oct. 16	124	2174
D. D. D. Company, Chicago, Ill. Substitute for soap.....	56,787	Oct. 16	124	2175
D. E. Wood Butter Co., Elgin, Ill. Butter.....	51,058	Apr. 3	121	1667
D. E. Wood Butter Co., Elgin, Ill. Butter.....	53,201	May 29	122	1711
D. F. Briggs Co., Attleboro, Mass. Bracelets.....	48,642	Jan. 9	120	648
D. L. Clark Co., McKeesport, Pa. Sweetened or molasses popcorn.....	57,585	Nov. 13	125	661
D. L. Moore Distillery Co., Lawrenceburg, Ky. Whisky.....	48,560	Jan. 2	120	319
D. & L. Slade Co., Boston, Mass. Mustard.....	56,867	Oct. 23	124	2528
D. O. Haynes & Co., New York, N. Y. Weekly trade journal.....	56,993	Oct. 30	124	2896
D. O. Haynes & Co., New York, N. Y. Illustrated monthly trade journal.....	57,055	Oct. 30	124	2897
D. S. Andrus & Co., Elmira, N. Y. Pianos and organs.....	58,603	Dec. 18	125	2357
D. & W. Fuse Co., Providence, R. I. Electric switches and parts thereof and mountings and inclosures therefor.....	52,844	May 22	122	1383
Daggett Remedy Company, Boston, Mass. Remedy for distemper.....	51,605	Apr. 17	121	2320
Dahl, Harold A. C., Brooklyn, N. Y. Dyspepsia-cakes.....	50,714	Mar. 27	121	1340
Dahl, Harold A. C., Brooklyn, N. Y. Dyspepsia-cakes.....	50,715	Mar. 27	121	1340
Dahl, Harold A. C., New York, N. Y. Brittle biscuits and bread.....	57,701	Nov. 27	125	1340
Dahlquist, Nils A., Worcester, Mass. Extract for non-alcoholic beverage.....	56,696	Oct. 16	124	2172
Daily Racing Form Publishing Company, Chicago, Ill. Daily newspapers.....	57,056	Oct. 30	124	2897
Dairymens Supply Company, Philadelphia, Pa. Milk-coolers.....	51,123	Apr. 3	121	1670
Dale Company, New York, N. Y. Tap-receptacles.....	55,262	Aug. 14	123	2299
Dallas Brewery, Dallas, Tex. Non-intoxicating malt beverage.....	50,809	Apr. 3	121	1657
Dallemand & Company, Chicago, Ill. Whisky.....	50,539	Mar. 20	121	1007
Dalsimer Brothers, New York, N. Y. Knit hosiery, underwear, sweaters, and gloves.....	56,159	Aug. 28	123	2970
Dalzell, Sanford J., Beaumont, Tex. Remedy for certain named diseases.....	52,440	May 8	122	720
Damon, Henrietta J., Boston, Mass. Chocolate and cocoa.....	48,919	Jan. 16	120	896
Danbury Hat Company, New York, N. Y. Hats of all kinds.....	51,124	Apr. 3	121	1670
Daniel, Charles A., Philadelphia, Pa. Machinery-packing.....	52,414	May 8	122	719
Daniel, Charles A., Philadelphia, Pa. Machinery-packing.....	57,938	Dec. 4	125	1690
Daniel, Charles A., Philadelphia, Pa. Machinery-packing.....	49,808	Feb. 20	120	2433
Daniel Forbes Company, Chicago, Ill. Leather blanks, soles, and taps.....	49,792	Feb. 20	120	2433
Daniel, Jno. B., Atlanta, Ga. Flavoring-syrup for beverages.....	50,928	Apr. 3	121	1662
Daniels & Co., Geo. F., Boston, Mass. Leather and leather-and-cloth boots, shoes, and slippers.....	48,752	Jan. 9	120	652
Danner, Frederick, Columbus, Ohio. Remedy for corns.....	58,854	Dec. 25	125	2756

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Darby Candy Co., Baltimore, Md. Candy.....	52,973	May 22	122	1389
Darcy, Frederick, Philadelphia, Pa. Merry-go-rounds and parts.....	56,606	Oct. 9	124	1838
Darrell & Co., E. F., New York, N. Y. Oil-meal made from linseed.....	52,197	May 1	122	346
Daus, Felix F., New York, N. Y. Hectographic-printing apparatus.....	49,946	Feb. 27	120	2745
Daussa & Co., P., New York, N. Y. Wheat-flour.....	51,985	May 1	122	338
Davenport Ice Chipping Machine Co., Davenport, Iowa. Ice-machines.....	52,512	May 8	122	723
Davenport Malting Co., Davenport, Iowa. Beer.....	58,299	Dec. 11	125	2040
David B. Crockett Co., Bridgeport, Conn. Varnishes.....	49,883	Feb. 20	120	2436
David B. Crockett Company, Bridgeport, Conn. Varnishes.....	51,222	Apr. 10	121	1968
David B. Crockett Company, Bridgeport, Conn. Varnish-stains.....	53,950	June 19	122	2675
David Brown & Son Limited, Donaghmore, Ireland. Soap.....	58,438	Dec. 18	125	2353
David E. Foutz Co., Baltimore, Md. Condimental foods for horses, cattle, swine, and other stock.....	52,513	May 8	122	723
David Williams Company, New York, N. Y. Trade newspaper.....	49,764	Feb. 13	120	2123
Davidson Rubber Co., Boston, Mass. Nursing-bottle nipples.....	54,808	July 31	123	1658
Davie, Thomas P., Rio Vista, Va. Cornmeal.....	52,531	May 8	122	724
Davies, Rose & Co., Ltd., Boston, Mass. Cough-drops.....	50,571	Mar. 20	121	1008
Davis, B. T., Huntington, W. Va. Liquid preparation for the cure of rheumatism.....	51,635	Apr. 17	121	2321
Davis, B. T., Huntington, W. Va. Pills for liver and bowel complaints.....	53,068	May 22	122	1392
Davis, Baxter & Company, Portland, Me. Canned fruits and vegetables.....	51,462	Apr. 17	121	2314
Davis, Charles P., Springfield, Mass. Newspapers.....	55,887	Aug. 21	123	2618
Davis, E. C., Rockland, Me. Cleaning compound.....	51,783	Apr. 24	121	2653
Davis, Emry, New York, N. Y. Inkstands.....	48,618	Jan. 9	120	647
Davis, Emry, New York, N. Y. Inkstands.....	48,632	Jan. 9	120	647
Davis, Emry, New York, N. Y. Inkstands.....	48,633	Jan. 9	120	647
Davis, James A., Boston, Mass. Dog-blankets.....	48,984	Jan. 16	120	898
Davis, Joseph M., Minneapolis, Minn. Whisky.....	53,034	May 22	122	1391
Davis and Lawrence Co., New York, N. Y. Medicinal preparation for external and internal use.....	54,100	June 19	122	2681
Davis Milling Comp., St. Joseph, Mo. Self-rising flour.....	51,056	Apr. 3	121	1667
Davis, William O., Bloomington, Ill. Daily newspaper.....	56,994	Oct. 30	124	2896
Davis, William O., Bloomington, Ill. Daily newspaper.....	57,057	Oct. 30	124	2897
Davison, John T., Pueblo, Colo. Medicinal tea.....	50,965	Apr. 3	121	1663
Dawson Salts & Water Co., Dawson Springs, Ky. Mineral waters.....	58,881	Dec. 25	125	2756
Day & Co., James B., Chicago, Ill. Shellac varnish.....	55,892	Aug. 21	123	2619
Dayton, A. H., et al., administrators. (See May, James O.).....				
Dayton Breweries Co., Dayton, Ohio. Beer.....	58,637	Dec. 18	125	2358
Dayton Paper Novelty Co., Dayton, Ohio. Wrapping-paper.....	53,779	June 12	122	2380
Dayton Paper Novelty Co., Dayton, Ohio. Wrapping-paper.....	54,101	June 19	122	2681
Dayton Paper Novelty Co., Dayton, Ohio. Wrapping-paper.....	55,307	Aug. 14	123	2300
Dayton Paper Novelty Co., Dayton, Ohio. Paper packages or cartons for confectionery and popcorn.....				
De Boeise, Charles R., Newark, N. J. Bodices.....	55,976	Aug. 21	123	2621
De Boeise, Walter W., Brooklyn, N. Y. Chocolates, bonbons, and marshmallows.....	58,538	Dec. 18	125	2356
De-Fi Manufacturing Co., New York, N. Y. Carbon-paper.....	58,162	Dec. 11	125	2037
De-Fi Manufacturing Co., New York, N. Y. Type-writer ribbons.....	52,262	May 8	122	713
De Koven, Reginald, Washington, D. C. Musical compositions.....	55,826	Aug. 14	123	2300
De Laval Separator Company, New York and Poughkeepsie, N. Y. Centrifugal liquid-separators.....	56,560	Oct. 9	124	1837
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators.....	52,583	May 15	122	1032
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators.....	52,995	May 22	122	1389
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators.....	52,996	May 22	122	1389
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators of all kinds.....	54,868	July 31	123	1659
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators.....	56,271	Sept. 4	124	314
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators.....	56,918	Oct. 23	124	2530
De Laval Separator Company, New York and Poughkeepsie, N. Y. Centrifugal separators.....	58,943	Dec. 25	125	2758
De Leon, Frances M., New York, N. Y. Skirt-measures.....	58,480	Dec. 18	125	2354
De Long Hook & Eye Company, Philadelphia, Pa. Hooks and eyes.....	51,282	Apr. 10	121	1971
De Long Hook & Eye Company, Philadelphia, Pa. Hooks and eyes.....	51,283	Apr. 10	121	1971
De Long Hook & Eye Company, Philadelphia, Pa. Hooks and eyes.....	55,056	Aug. 7	123	1981
De Veau Telephone Manufacturing Company, New York, N. Y. Certain named electrical apparatus.....	58,519	Dec. 18	125	2355
De Vilbiss Manufacturing Company, Toledo, Ohio. Atomizers and powder-blowers.....	56,003	Aug. 21	123	2622
De Vilbiss Mfg. Co., Toledo, Ohio. Bone-cutting forceps.....	56,006	Aug. 21	123	2622
De Vilbiss Mfg. Co., Toledo, Ohio. Trephines.....	56,007	Aug. 21	123	2622
De Vilbiss Mfg. Co., Toledo, Ohio. Specula.....	56,008	Aug. 21	123	2622
Dean Electric Company, Elyria, Ohio. Telephone signaling apparatus.....	56,270	Sept. 4	124	314
Debar, Joseph, Cincinnati, Ohio. Whisky.....	55,672	Aug. 21	123	2613
Decatur Cereal Coffee Works, Decatur, Ill. Cereal substitute for coffee.....	53,459	June 5	122	2050
Decatur Cereal Coffee Works, Decatur, Ill. Cereal substitute for coffee.....	54,892	July 31	123	1660
Decatur Cereal Coffee Works, Decatur, Ill. Cereal substitute for coffee.....	54,917	Aug. 7	123	1977
Decker Medicine Co., Dr., Paterson, N. J. Remedy for chills, fever and ague, and malarial diseases.....	50,365	Mar. 13	121	682
Decker & Son, New York, N. Y. Pianos.....	52,974	May 22	122	1389
Decker, William M., Buffalo, N. Y. Nursing-bottles.....	48,455	Jan. 2	120	315
Deere & Webber Co., Minneapolis, Minn. Farm-trucks or low-wheel wagons.....	49,329	Jan. 30	120	1473
Deere & Webber Co., Minneapolis, Minn. Farm-trucks or low-wheel wagons.....	49,330	Jan. 30	120	1473
Deere & Webber Co., Minneapolis, Minn. Farm-trucks or low-wheel wagons.....	49,331	Jan. 30	120	1473
Deere & Webber Co., Minneapolis, Minn. Hay-tedders.....	49,432	Feb. 6	120	1815
Deere & Webber Co., Minneapolis, Minn. Farm-trucks or low-wheel wagons.....	49,585	Feb. 13	120	2116
Deere & Webber Co., Minneapolis, Minn. Gasolene-engines.....	54,740	June 26	122	3007
Deere & Webber Co., Minneapolis, Minn. Bob-sleds.....	57,907	Dec. 4	125	1689
Deere & Webber Co., Minneapolis, Minn. Bob-sleds.....	57,908	Dec. 4	125	1690
Deere & Webber Company, Minneapolis, Minn. Certain named vehicles.....	49,398	Feb. 6	120	1814
Deerfield Water Co., Deerfield, Ohio. Carbonated mineral water.....	56,748	Oct. 16	124	2174
Deimel Linen-Mesh System Company, San Francisco, Cal., and New York, N. Y. Undershirts and drawers and union suits.....	50,796	Mar. 27	121	1344
Deimel Linen-Mesh System Company, San Francisco, Cal., and New York, N. Y. Undershirts and drawers and union suits.....	51,784	Apr. 24	121	2653
Deimel Linen-Mesh System Company, San Francisco, Cal., and New York, N. Y. Undershirts and drawers and union suits.....	53,828	June 12	122	2382
Deisel-Wemmer Co., Lima, Ohio. Cigars.....	51,417	Apr. 17	121	2313
Deisel-Wemmer Co., Lima, Ohio. Cigars.....	56,556	Oct. 9	124	1837
Deitsch, Isaac N., New York, N. Y. Chests, boxes, and cabinets.....	51,828	Apr. 24	121	2655
Delacoe & Cie., Ch. Brussels, Belgium. Castor-oil.....	54,656	June 26	122	3004
Delamothé, Louis G., East Syracuse, N. Y. Blood remedies and tonics.....	53,308	May 29	122	1715
Delaney & Co., J. M., New York, N. Y. Sole-leather.....	51,829	Apr. 24	121	2655
Delaney & Co., J. M., New York, N. Y. Sole-leather.....	57,194	Nov. 6	125	344
Delaware Chair Co., Delaware, Ohio. Double-caned chairs and rockers.....	50,626	Mar. 27	121	1337
Demarest and Carver, New York, N. Y. Packing gages and cutters.....	52,356	May 8	122	717
Dempsey & Co., P., Boston, Mass. Gin.....	51,785	Apr. 24	121	2653
Dempsey & Co., P., Boston, Mass. Whisky.....	51,786	Apr. 24	121	2653

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette	
			Vol.	Page.
Dempsey & Co., P., Boston, Mass. Cordials	51,787	Apr. 24	121	2653
Dempsey & Co., P., Boston, Mass. Whisky	51,788	Apr. 24	121	2653
Dempsey & Co., P., Boston, Mass. Whisky	55,737	Aug. 21	123	2615
Dennison & Sons, New York, N. Y. Certain named paper	48,654	Jan. 9	120	648
Densten, Joseph C., Scranton, Pa. Remedy for certain named diseases	56,035	Aug. 21	123	2622
Densten, Joseph C., Scranton, Pa. Remedy for certain named diseases	58,740	Dec. 25	125	2753
Denzer, Goodhart & Scheuer, New York, N. Y. Stiff-felt, soft-felt, and straw hats	51,223	Apr. 10	121	1968
Denzer, Goodhart & Scheuer, New York, N. Y. Stiff-felt, soft-felt, and straw hats	51,224	Apr. 10	121	1968
Denzer, Goodhart & Scheuer, New York, N. Y. Stiff-felt, soft-felt, and straw hats	51,579	Apr. 17	121	2319
Dermarine Company, Limited, London, England. Rubber substitutes	50,018	Feb. 27	120	2748
Derror, John F., Mansfield, Ohio. Liquid tree-wash for spraying trees and shrubbery	56,036	Aug. 21	123	2622
Des Moines Hosiery Mills, Des Moines, Iowa. Hosiery	54,809	July 31	123	1658
Desenberg & Co., B., Kalamazoo, Mich. Tea	51,284	Apr. 10	121	1971
Desgrandchamps et Cie., Emile, Paris, France. Talking-machines and parts thereof	56,233	Sept. 4	124	314
Detroit Auto-Marine Co., Detroit, Mich. Gas or gasoline engines	49,069	Jan. 23	120	1157
Detroit Sulphite Pulp & Paper Co., Detroit, Mich. Wrapping and bag paper	58,638	Dec. 18	125	2358
Devold, William C., Red Lodge, Mont. Medicinal plaster	53,974	June 19	122	2676
Dexter Brothers Co., Boston, Mass. Shingle-stains	53,951	June 19	122	2675
Dexter Portland Cement Company, Nazareth, Pa. Portland cement	49,029	Jan. 23	120	1155
Dexter Yarn Company, Pawtucket, R. I. Embroidery, knitting, and crocheting yarns	56,065	Aug. 21	123	2623
Dey Time Register Co., Syracuse, N. Y. Time-registers	54,162	June 19	122	2683
Dey Time Register Co., Syracuse, N. Y. Time-registers	54,163	June 19	122	2683
Dey Time Register Co., Syracuse, N. Y. Time-registers	54,164	June 19	122	2683
Dey Time Register Co., Syracuse, N. Y. Time-registers	54,165	June 19	122	2683
Diagraph Company, St. Louis, Mo. Machines for cutting stencils	50,914	Apr. 3	121	1661
Diamond Chain & Manufacturing Co., Indianapolis, Ind. Repair-links for link chains	54,703	June 26	122	3006
Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chains	49,093	Jan. 23	120	1158
Diamond Crystal Salt Co., St. Clair, Mich. Table and dairy salt	58,398	Dec. 11	125	2043
Diamond Elevator & Milling Company, Minneapolis, Minn. Cornmeal, both bolted and granulated	50,482	Mar. 20	121	1004
Diamond Elevator & Milling Company, Minneapolis, Minn. Wheat-flour, Graham flour, and rye-flour	51,384	Apr. 17	121	2311
Diamond Ink Company, Milwaukee, Wis. Writing-inks and writing fluids	49,332	Jan. 30	120	1473
Diamond Ink Company, Milwaukee, Wis. Mucilage, paste, liquid glue, and liquid cement	56,805	Oct. 16	124	2175
Diamond Park Mineral Water Co. of Arnprior, Ltd., Arnprior, Canada. Mineral water	57,178	Nov. 6	125	343
Diamond Whip Co., Chicago, Ill. Drumheads	58,251	Dec. 11	125	2039
Dickel & Co., Geo. A., Nashville, Tenn. Whisky	57,876	Nov. 27	125	1345
Dickey & Co., A. J., Fort Worth, Tex. Vegetable preparation for curing blood diseases	58,785	Dec. 25	125	2754
Die Actiengesellschaft Apollinaris Brunnen, Neuenahr, Germany. Mineral water	53,335	May 29	122	1716
Dieckerhoff, Raffloer & Co., New York, N. Y. Toilet-pins	50,366	Mar. 13	121	682
Dieckerhoff, Raffloer & Co., New York, N. Y. Buttons	50,744	Mar. 27	121	1341
Dieckerhoff, Raffloer & Co., New York, N. Y. Braids and tapes	51,680	Apr. 24	121	2649
Diehl Manufacturing Company, Elizabethport, N. J. Certain named electric machines	49,433	Feb. 6	120	1815
Digel, Matilda, Hannibal, Mo. Salve	58,917	Dec. 25	125	2757
Disney, Nellie L., Bridgeport, Conn. Combined abdominal supports and hose-supporters	57,140	Nov. 6	125	342
Dill & Collins Co., Philadelphia, Pa. Printing-paper	52,295	May 8	122	714
Dill & Collins Co., Philadelphia, Pa. Printing and writing paper	54,135	June 19	122	2682
Dill & Collins Co., Philadelphia, Pa. Certain named papers	55,343	Aug. 14	123	2301
Dill & Collins Co., Philadelphia, Pa. Wrapping-paper	55,344	Aug. 14	123	2301
Dillemann Fils & Co., Paris, France. Pocket and table knives and razors	56,607	Oct. 9	124	1838
Dilling & Co., Indianapolis, Ind. Candy	52,062	May 1	122	341
Dilworth, Gilbert & Towne, Incorporated, New York, N. Y. Metal	51,548	Apr. 17	121	2318
Dinkler, Joseph A., Anadarko, Okla. Ter. Creams, ointments, and salves	58,399	Dec. 11	125	2043
Dios Tejada, Juan de, New York, N. Y. Acetylene-gas generators	50,829	Apr. 3	121	1658
Direct Supply Co., Martinsburg, W. Va., and New York, N. Y. Knit underwear	49,734	Feb. 13	120	2121
Direct Supply Co., Martinsburg, W. Va., and New York, N. Y. Knit underwear	49,735	Feb. 13	120	2122
Disbrow, Wm. E., New York, N. Y. Traveling toilet-cases	50,126	Mar. 6	121	327
Disch, Charles, New York, N. Y. Base-balls	48,521	Jan. 2	120	318
Disinfectant Dustlayer Company, Providence, R. I. Cleaning preparations for laying the dust of carpeted floors	57,853	Nov. 27	125	1344
Disinfectant Dustlayer Company, Providence, R. I. Cleaning preparation for laying the dust of wood floors	58,400	Dec. 11	125	2043
Dissinger & Bro., C. H. A., Wrightsville, Pa. Explosive-engines, internal-combustion motors, gas and gasoline engines	48,920	Jan. 16	120	896
District of Columbia Paper Mfg. Co., Washington, D. C. Blotting-paper	56,160	Aug. 28	123	2970
District of Columbia Paper Mfg. Co., Washington, D. C. Blotting-paper	56,161	Aug. 28	123	2970
Divvins, Nathan, Uniontown, Pa. Certain named tobacco products	56,788	Oct. 16	124	2175
Dixon, Alexander H., London, England. Medicines for the cure of alcohol and drug addictions	58,741	Dec. 25	125	2753
Dobson, John & James, Philadelphia, Pa. Imitation of Persian-lamb fabric	49,272	Jan. 30	120	1470
Dock & Coal Co., Plattsburg, N. Y. Cattle-feed consisting of ground corn and oats	49,640	Feb. 13	120	2118
Dock & Coal Co., Plattsburg, N. Y. Cattle-food	53,746	June 12	122	2378
Doctor Blosser Company, Atlanta, Ga. Medical preparation for certain named diseases	54,056	June 19	122	2679
Doctor Blosser Company, Atlanta, Ga. Medical preparations for catarrh, bronchitis, asthma, and hay-fever	58,401	Dec. 11	125	2043
Dodd & Struthers, Des Moines, Iowa. Lightning-rods	49,586	Feb. 13	120	2116
Dodson, Melancthon I., Norfolk, Va. Remedy for certain named diseases	58,826	Dec. 25	125	2755
Doerr & Reinhart, Worms, Germany. Calfskin, patent-leather, and waxed calf	50,587	Mar. 27	121	1335
Dolan Mercantile Co., Atchison, Kans. Tea	52,514	May 8	122	723
Dolan Mercantile Co., Atchison, Kans. Rice	52,515	May 8	122	723
Dolan Mercantile Co., Atchison, Kans. Coffee	54,200	June 19	122	2685
Doll, William F., New York, N. Y. Watches, watch-movements, watchcases, and watch parts	54,353	June 26	122	2991
Donahue Brothers, Troy, N. Y. Tomato-catchup	55,814	Aug. 21	123	2617
Doniphan & Co., St. Joseph, Mo. Cough-candy	51,520	Apr. 17	121	2317
Donley & Co., Providence, R. I. Pins, earrings, and studs	50,501	Mar. 20	121	1065
Donoghue Importing Company, Rochester, N. Y. Whisky	49,778	Feb. 13	120	2123
Doran, Maurice J., Rochester, N. Y. Whisky	51,863	Apr. 24	121	2656
Dori, Francis, New York, N. Y. Type-writers or writing-machines	57,960	Dec. 4	125	1691
Dorman, Carrie V., Washington, D. C. Liquid antiseptic and disinfectant	52,415	May 8	122	719
Dornan, Carrie V., Washington, D. C. Hair-dressing	52,806	May 15	122	1041
Dorman, Carrie V., Washington, D. C. Remedy for croup, coughs, and bronchial affections	53,594	June 5	122	2056
Dorothy Dodd Shoe Company, Montclair, N. J., and Boston, Mass. Women's, misses', and children's leather boots and shoes	51,830	Apr. 24	121	2655
Dorsel Company, Newport, Ky. Wheat-flour	56,824	Oct. 23	124	2525
Dort, Elizabeth, Buffalo, N. Y. Nerve-elixir	50,502	Mar. 20	121	1007
Dort, Elizabeth, Buffalo, N. Y. Stomachic and carminative	52,170	May 1	122	345
Dort, Elizabeth, Buffalo, N. Y. Salves, liniments, and porous strengthening-plasters	54,304	June 26	122	2990
Dosch, Peter, Bridgeport, Conn. Sash-pulleys	51,207	Apr. 10	121	1968

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Doubleday, Page & Company, New York, N. Y. Periodical magazines.	26,506	Sept. 4	124	313
Douglas Manufacturing Company, Newark, N. J. Liquid substitute for court-plasters	50,252	Mar. 6	121	332
Douglas Manufacturing Company, Newark, N. J. Substitute for court-plaster	55,673	Aug. 21	123	2613
Doulton & Co., Limited, London, England. Pottery, earthenware, and china	50,410	Mar. 13	121	684
Doulton & Co., Limited, London, England. Pottery, earthenware, and china	50,411	Mar. 13	121	684
Dover Mfg. Co., Canal Dover, Ohio. Sad-irons	55,057	Aug. 7	123	1981
Dowd & Co., J. C., New York, N. Y. Certain named toilet articles	54,325	June 26	122	2990
Dowell, Mina L., Brooklyn, N. Y. Hair-shampoo	58,402	Dec. 11	125	2043
Dowling Bros. Inc., Burgin, Ky. Whisky	58,009	Dec. 4	125	1692
Downer, Hawes and Company, Incorporated, Bridgeport, Conn. Corsets	52,034	May 1	122	340
Downer, Hawes and Company, Incorporated, Bridgeport, Conn. Corsets	56,638	Oct. 16	124	2171
Dr. A. Gude & Co., G. m. b. H., Leipsic, Germany. Certain named medicine	52,472	May 8	122	721
Dr. C. Bouviers Specialty Co., Louisville, Ky. Gin	48,816	Jan. 16	120	892
Dr. Charles Co., New York, N. Y. Preparation for skin and flesh food	55,888	Aug. 21	123	2618
Dr. Charles Co., New York, N. Y. Medicated soap	55,889	Aug. 21	123	2618
Dr. Charles Co., New York, N. Y. Face-powder	55,890	Aug. 21	123	2619
Dr. Dadirrian & Sons' Co., New York, N. Y. Fermented milk	55,925	Aug. 21	123	2619
Dr. Haskins Co., Toledo, Ohio. Uric-acid solvent	49,299	Jan. 30	120	1471
Dr. J. Parker Pray Company, Limited, New York, N. Y. Finger-nail polish	54,273	June 26	122	2988
Dr. J. Parker Pray Company, Limited, New York, N. Y. Certain named toilet preparations	54,971	Aug. 7	123	1978
Dr. J. Parker Pray Company, Limited, New York, N. Y. Cosmetics for tinting the finger-nails, lips, and cheeks	56,749	Oct. 16	124	2174
Dr. Miles Medical Co., Elkhart, Ind. Tonics, nerve, and sedatives	49,817	Feb. 20	120	2434
Dr. Miles Medical Co., Elkhart, Ind. Analgesic and sedative	54,274	June 26	122	2988
Dr. Pepper Co., Dallas, Tex. Aerated tonic beverages and syrups for the same	50,668	Mar. 27	121	1338
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Liniment	50,526	Mar. 20	121	1006
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for diseases of the stomach and bowels	50,527	Mar. 20	121	1006
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Medicinal preparation for the treatment of diseases of the blood and skin	52,246	May 1	122	348
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	53,804	June 12	122	2388
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,703	Dec. 25	125	2751
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,704	Dec. 25	125	2752
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,742	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,743	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,744	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,745	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,746	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,747	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Periodical publication	58,748	Dec. 25	125	2753
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for diseases of the blood, skin, and stomach, and a liniment	58,944	Dec. 25	125	2758
Dr. Pierre Chemical Company, Chicago, Ill. Suppositories	51,636	Apr. 17	121	2321
Dr. Pierre Chemical Company, Chicago, Ill. Syringes	57,090	Nov. 6	125	341
Dr. Richards Dyspepsia Tablet Association, New York, N. Y. Remedies for certain named diseases	55,674	Aug. 21	123	2613
Dr. Shoop Family Medicine Co., Racine, Wis. Laxative	52,247	May 1	122	349
Dr. Shoop Family Medicine Co., Racine, Wis. Coffee substitute	56,825	Oct. 23	124	2527
Drake Company, Chicago, Ill. Remedy for certain named diseases	57,854	Nov. 27	125	1344
Draper, J. S., Cincinnati, Ohio. Wines	51,208	Apr. 10	121	1968
Draper, John S., Cincinnati, Ohio. Brandy	56,066	Aug. 21	123	2623
Draper, Oscar M., deceased; A. M. and E. E. Hale, North Attleboro, Mass., executors. Ornamental watch and neck chains	54,355	June 26	122	2992
Draper, Oscar M., deceased; A. M. and E. E. Hale, North Attleboro, Mass., executors. Ornamental chains and parts thereof and attachments therefor	56,042	Aug. 21	123	2623
Draper, Oscar M., deceased; A. M. and E. E. Hale, North Attleboro, Mass., and New York, N. Y., executors. Plated chains and bracelets	56,012	Aug. 21	123	2622
Dreës, Albertine, Newark, N. J. Hair wavers and curlers	49,468	Feb. 6	120	1817
Dregen, Robert, Washington, D. C. Remedy for indigestion	55,738	Aug. 21	123	2615
Dreka Company, Philadelphia, Pa. Steel pens	52,008	May 1	122	331
Dreyfuss & Co., A. L., New York, N. Y. Velvets	52,357	May 8	122	717
Dreyfuss, Weil & Co., Paducah, Ky. Whisky	48,848	Jan. 16	120	894
Dreyfuss, Weil & Co., Paducah, Ky. Whisky	48,849	Jan. 16	120	894
Dreyfuss, Weil & Co., Paducah, Ky. Whisky	50,263	Mar. 6	121	333
Dreyfuss, Weil & Co., Paducah, Ky. Whisky	56,697	Oct. 16	124	2172
Dreyfuss, Weil & Co., Inc., Paducah, Ky. Whisky	57,558	Nov. 13	125	661
Drioli, Francesco, Zara, Austria-Hungary. Maraschino	51,832	Apr. 24	121	2655
Drumm, Robert, Fort Worth, Tex. Poison for insects	53,336	May 29	122	1717
Du Bois Brewing Co., Dubois, Pa. Lager-beer, ale, and porter	58,020	Dec. 4	125	1692
Du Bois Brewing Company, Dubois, Pa. Porter	57,019	Oct. 30	124	2897
Du Bois Brewing Company, Dubois, Pa. Lager-beer, ale, and porter	57,328	Nov. 13	125	655
Du Bois Brewing Company, Dubois, Pa. Lager-beer, ale, and porter	57,342	Nov. 13	125	655
Du Montier, Alfred, Washington, D. C. Metal plates for ceilings and side walls	51,831	Apr. 24	121	2655
Dubois Watch Case Company, New York, N. Y. Watches and parts thereof	55,374	Aug. 14	123	2302
Dubuque Brewing & Malting Co., Dubuque, Iowa. Lager-beer	49,273	Jan. 30	120	1470
Dubuque Brewing & Malting Co., Dubuque, Iowa. Malt tonic or extract	56,234	Sept. 4	124	314
Dubuque Mattress Factory, Dubuque, Iowa. Mattresses	51,883	Apr. 24	121	2657
Duché & Sons, T. M., New York, N. Y. Refined coconut-fat	55,202	Aug. 7	123	1984
Dudley & Company, U. H., New York, N. Y. Canned sardines	55,739	Aug. 21	123	2615
Dudley, Eben F., Owosso, Mich. Butter	48,655	Jan. 9	120	648
Dueber Watch Case Mfg. Co., Canton, Ohio. Watchcases	51,707	Apr. 24	121	2650
Dueber Watch Case Mfg. Co., Canton, Ohio. Watchcases	56,890	Oct. 23	124	2529
Duff Manufacturing Company, Allegheny, Pa. Jacks	48,949	Jan. 16	120	897
Duff & Sons, P., Pittsburg, Pa. Molasses	51,440	Apr. 17	121	2313
Duluth-Superior Milling Co., Duluth, Minn. Wheat-flour	57,673	Nov. 27	125	1340
Duncan, George S., Edinburgh, Scotland. Set-off liquor and printers' paste	51,963	May 1	122	337
Duncan & Moorhead, Inc., Philadelphia, Pa. Cigars	53,337	May 29	122	1717
Duncan & Moorhead, Inc., Philadelphia, Pa. Cigars	56,410	Sept. 25	124	1201
Dunham Brothers, Brattleboro, Vt. Men's and boys' leather boots and shoes	57,351	Nov. 13	125	655
Dunham Brothers, Brattleboro, Vt. Women's and girls' leather boots and shoes	58,300	Dec. 11	125	2040
Dunham, Carrigan & Hayden Co., San Francisco, Cal. Flax packing	50,148	Mar. 6	121	328
Dunham, Carrigan & Hayden Co., San Francisco, Cal. Valves	53,165	May 29	122	1710
Dunham, Carrigan & Hayden Co., San Francisco, Cal. Pocket and table knives, shears, scissors, and razors	57,746	Nov. 27	125	1342
Dunham, Carrigan & Hayden Co., San Francisco, Cal. Pocket and table knives, scissors, shears, and razors	57,961	Dec. 4	125	1691
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Crucible, tool, drill, and pick steel	56,445	Sept. 25	124	1202

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Table and pocket knives, razors, scissors, and shears.....	57,747	Nov. 27	125	1342
Dunham Manufacturing Company, New York, N. Y. Prepared cocoanut.....	53,460	June 5	122	2050
Dunlap & Co., New York, N. Y. Hats and caps of all kinds.....	51,125	Apr. 3	121	1670
Dunlap & Co., New York, N. Y. Hats, caps, and bonnets.....	56,639	Oct. 16	124	2171
Dunlap & Co., New York, N. Y. Parasols and umbrellas.....	58,918	Dec. 25	125	2757
Dunlevy & Brother, Pittsburg, Pa. Cured meats.....	51,126	Apr. 3	121	1670
Dunn, Adam E., Chicago, Ill. Periodical.....	50,149	Mar. 6	121	328
Dunne, Chas. M., Norwich, N. Y. Tooth-paste.....	54,704	June 26	122	3006
Dunwoody Bros. Soap Company, Denver, Colo. Soap.....	50,503	Mar. 20	121	1005
Duplex Manufacturing Company, St. Louis, Mo. Drums.....	49,851	Feb. 20	120	2435
Duplex Manufacturing Company, St. Louis, Mo. Banjo-heads and drumheads.....	50,540	Mar. 20	121	1007
Duplicate Whist Company, New York, N. Y. Replay card-game apparatus.....	55,034	Aug. 7	123	1980
Dupuis, Dennis R., St. Louis, Mo. Preparation for the cure of cancers and kindred diseases.....	48,542	Jan. 2	120	318
Durable Wire Rope Co., Boston, Mass. Wire rope.....	49,947	Feb. 27	120	2745
Duranoid M'F'G. Co., Newark, N. J. Certain plastic composition containing shellac, clay, and fiber.....	55,977	Aug. 21	123	2621
Duranoid M'F'G. Co., Newark, N. J. Harness-soap.....	57,295	Nov. 13	125	653
Durkee & Co., E. R., New York, N. Y. Baking-powder, cream of tartar, and baking-soda.....	48,921	Jan. 16	120	896
Durkee & Co., E. R., New York, N. Y. Seeds and prepared mixtures of seeds as food for birds and fowls.....	48,985	Jan. 16	120	899
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	48,986	Jan. 16	120	899
Durkee & Co., E. R., New York, N. Y. Baking-soda, cream of tartar, and baking-powder.....	49,641	Feb. 13	120	2118
Durkee & Co., E. R., New York, N. Y. Baking-soda, cream of tartar, and baking-powder.....	49,642	Feb. 13	120	2118
Durkee & Co., E. R., New York, N. Y. Baking-soda, cream of tartar, and baking-powder.....	49,643	Feb. 13	120	2118
Durkee & Co., E. R., New York, N. Y. Baking-soda, cream of tartar, and baking-powder.....	49,644	Feb. 13	120	2118
Durkee & Co., E. R., New York, N. Y. Spices.....	50,225	Mar. 6	121	331
Durkee & Co., E. R., New York, N. Y. Salad-dressing and sauces.....	51,127	Apr. 3	121	1670
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	52,296	May 8	122	714
Durkee & Co., E. R., New York, N. Y. Spices.....	53,095	May 29	122	1707
Durkee & Co., E. R., New York, N. Y. Spices.....	53,096	May 29	122	1707
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	53,097	May 29	122	1707
Durkee & Co., E. R., New York, N. Y. Baking-powder, cream of tartar, saleratus, and bicarbonate of soda.....	53,202	May 29	122	1711
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	53,244	May 29	122	1713
Durkee & Co., E. R., New York, N. Y. Flavoring extracts.....	53,780	June 12	122	2380
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	53,781	June 12	122	2380
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	54,374	June 26	122	2992
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	54,546	June 26	122	3000
Durkee & Co., E. R., New York, N. Y. Machine-oils.....	54,614	June 26	122	3002
Durkee & Co., E. R., New York, N. Y. Salad-dressing and sauces.....	55,239	Aug. 7	123	1985
Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	55,448	Aug. 14	123	2304
Durkee & Co., E. R., New York, N. Y. Castor-oil and medicinal sweet oil.....	55,740	Aug. 21	123	2615
Durkee & Co., E. R., New York, N. Y. Baking-powder, bicarbonate of soda, cream of tartar, and yeast-powder.....	57,530	Nov. 13	125	660
Durkee & Co., E. R., New York, N. Y. Wheat-farina, pearl-barley, and corn-starch.....	57,731	Nov. 27	125	1341
Durkee & Co., E. R., New York, N. Y. Corn-starch.....	58,945	Dec. 25	125	2758
Durst Milling Company, Dayton, Ohio. Wheat-flour.....	58,882	Dec. 25	125	2756
Dusal Chemical Co., New York, N. Y. Uric-acid solvent.....	55,675	Aug. 21	123	2613
Dutchess Manufacturing Co., Poughkeepsie, N. Y. Trousers.....	54,893	July 31	123	1660
Duzzit Company, Tampico, Ill. Remedy for skin diseases.....	58,749	Dec. 25	125	2753
Dwight Lumber Company, Ecorse township, Mich. Flooring.....	58,252	Dec. 11	125	2039
Dyer Remedy Company, Kansas City, Mo. Preparation for the cure of horse ailments.....	48,922	Jan. 16	120	896
E. Conti & F., Livorno, Italy. Soap.....	57,193	Nov. 6	125	344
E. Godel and Sons, Peoria, Ill. Hams, shoulders, and bacon.....	52,321	May 8	122	715
E. Godel and Sons, Peoria, Ill. Hams.....	55,978	Aug. 21	123	2621
E. Godel and Sons, Peoria, Ill. Certain named meats.....	56,715	Oct. 16	124	2173
E. Horton & Sons Company, Windsor Locks, Conn. Chucks.....	57,409	Nov. 13	125	657
E. Kirstein Son Co., Rochester, N. Y. Eyeglasses, spectacles, and parts and repairs and cases therefor.....	51,884	Apr. 24	121	2657
E. Seidenberg, Stiefel & Co., New York, N. Y. Cigars and cheroots.....	55,893	Aug. 21	123	2619
E. St. Louis-New Athens Brewing Co., New Athens, Ill. Malt extract.....	57,213	Nov. 6	125	344
E. Stebbins Manufacturing Company, Springfield, Mass. Faucets.....	54,742	June 26	122	3008
E. A. Williams, Incorporated, Newark, N. J. Wheat bread.....	51,418	Apr. 17	121	2313
E. A. Williams, Incorporated, Newark, N. J. Wheat bread.....	53,417	June 5	122	2049
E. B. Millar & Co., Chicago, Ill. Spices.....	49,070	Jan. 23	120	1157
E. C. Atkins & Company, Indianapolis, Ind. Wood and cabinet scrapers.....	50,810	Apr. 3	121	1657
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Saws.....	48,453	Jan. 2	120	315
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Saws of all kinds.....	49,469	Feb. 6	120	1817
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Saws of all kinds.....	54,741	June 26	122	3007
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Saws of all kinds.....	57,748	Nov. 27	125	1342
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Saws of all kinds.....	57,749	Nov. 27	125	1342
E. C. De Witt & Co., Chicago, Ill. Remedies for diseases common to children.....	58,946	Dec. 25	125	2758
E. E. Downham Co., Alexandria, Va. Whisky.....	53,069	May 22	122	1392
E. E. Sutherland Medicine Co., Paducah, Ky. Preparation for the treatment of certain named diseases.....	49,518	Feb. 6	120	1819
E. E. Sutherland Medicine Co., Paducah, Ky. Salve for the treatment of sore eyes.....	48,951	Jan. 16	120	897
E. E. Sutherland Medicine Co., Paducah, Ky. Salve for the treatment of sore eyes.....	54,073	June 19	122	2680
E. E. Sutherland Medicine Co., Paducah, Ky. Salve for the treatment of sore eyes.....	54,275	June 26	122	2988
E. E. Sutherland Medicine Co., Paducah, Ky. Preparations for the cure of certain named diseases.....	54,991	Aug. 7	123	1979
E. G. Harrington & Company, New York, N. Y. Pianos.....	58,721	Dec. 25	125	2275
E. G. Lyons and Raas Co., San Francisco, Cal. Cordials and brandies.....	58,786	Dec. 25	125	2754
E. H. Gato Cigar Company, Key West, Fla. Cigars.....	50,068	Mar. 6	121	325
E. H. Gato Cigar Company, Key West, Fla. Cigars.....	50,093	Mar. 6	121	326

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
E. H. Gato Cigar Company, Key West, Fla. Cigars	51,225	Apr. 10	121	1968
E. H. Hotchkiss Co., Norwalk, Conn. Strips of united staples, &c.	53,216	May 29	122	1711
E. H. Taylor, Jr., & Sons, Incorporated, Frankfort, Ky. Whisky	53,035	May 22	122	1391
E. H. Wright Company, Ltd., Kansas City, Mo. Liquid smoke distilled from wood	53,070	May 22	122	1392
E. I. du Pont Company, Wilmington, Del. Explosives for blasting and the like	57,243	Nov. 6	125	345
E. I. du Pont Company, Wilmington, Del. Explosive powder	57,395	Nov. 13	125	656
E. I. du Pont Company, Wilmington, Del. Gunpowder	57,396	Nov. 13	125	656
E. I. du Pont Company, Wilmington, Del. Gunpowder, including smokeless powder	57,418	Nov. 13	125	657
E. I. du Pont Company, Wilmington, Del. Gunpowder	57,419	Nov. 13	125	657
E. I. du Pont Company, Wilmington, Del. Explosive powder, including smokeless powder	57,420	Nov. 13	125	657
E. J. Brooks & Company, New York, N. Y., and Newark, N. J. Seals	49,645	Feb. 13	120	2118
E. J. Hart & Co., Limited, New Orleans, La. Tonics	51,286	Apr. 10	121	1971
E. J. Hart & Co. Limited, New Orleans, La. Remedies for stomach, intestinal, and bowel disorders	52,250	May 1	122	348
E. L. Parker & Co., Baltimore, Md. Certain named metal manufactures	53,760	June 12	122	2379
E. O. Hall and Son, Ltd., Honolulu, Hawaii. Lubricating-oil	53,338	May 29	122	1717
E. O. Whitford Company, Washington, D. C. Butter	51,287	Apr. 10	121	1971
E. S. Dingley Company, Farmington, Me. Canned vegetables	58,143	Dec. 4	125	1696
E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-machines and parts thereof	48,454	Jan. 2	120	315
E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-machines and parts thereof	51,226	Apr. 10	121	1969
E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-scales and appurtenances thereof	55,449	Aug. 14	123	2304
E. T. Smith Company, Worcester, Mass. Canned fruits and vegetables	57,586	Nov. 13	125	661
E. T. Smith Company, Worcester, Mass. Salmon, shrimp, lobsters, and clams	57,587	Nov. 13	125	662
E. W. Burt & Co., Inc., Boston, Mass. Men's, women's, and children's leather boots and shoes	56,750	Oct. 16	124	2174
Eagle Lye Works, Milwaukee, Wis. Lye and potash	50,226	Mar. 6	121	331
Eagle Lye Works, Milwaukee, Wis. Lye and potash	50,227	Mar. 6	121	331
Eagle Paper Co., Richmond, Va. Bags of paper, cloth, and like materials	50,873	Apr. 3	121	1659
Eagle Pencil Company, New York, N. Y. Lead-pencils	49,122	Jan. 23	120	1159
Eagle Pencil Company, New York, N. Y. Rubber erasers	49,951	Feb. 27	120	2746
Eagle Pencil Company, New York, N. Y. Lead-pencils	50,127	Mar. 6	121	327
Eagle Pencil Company, New York, N. Y. Penholders	50,128	Mar. 6	121	327
Eagle Pencil Company, New York, N. Y. Lead-pencils	51,020	Apr. 3	121	1666
Eagle Pencil Company, New York, N. Y. Lead-pencils	51,070	Apr. 3	121	1668
Eagle Pencil Company, New York, N. Y. Metallic tips for lead-pencils	52,807	May 15	122	1041
Eagle Pencil Company, New York, N. Y. Lead-pencils	54,810	July 31	123	1658
Eagle Pencil Company, New York, N. Y. Lead-pencils	55,058	Aug. 7	123	1981
Eagle Pencil Company, New York, N. Y. Lead-pencils	55,059	Aug. 7	123	1981
Eagle Pencil Company, New York, N. Y. Lead-pencils	55,060	Aug. 7	123	1981
Eagle Pencil Company, New York, N. Y. Lead-pencils	55,061	Aug. 7	123	1981
Eagle Pencil Company, New York, N. Y. Lead-pencils	55,062	Aug. 7	123	1981
Eagle & Phenix Mills, Columbus, Ga. Cotton piece goods	50,716	Mar. 27	121	1340
Eagle & Phenix Mills, Columbus, Ga. Tickings	51,021	Apr. 3	121	1666
Eagle & Phenix Mills, Columbus, Ga. Tickings	51,022	Apr. 3	121	1666
Eagle & Phenix Mills, Columbus, Ga. Cotton plaids and stripes	51,023	Apr. 3	121	1666
Eagle & Phenix Mills, Columbus, Ga. Tickings	51,128	Apr. 3	121	1670
Eagle & Phenix Mills, Columbus, Ga. Cotton piece goods	51,129	Apr. 3	121	1670
Eagle & Phenix Mills, Columbus, Ga. Cotton piece goods	51,168	Apr. 3	121	1672
Eagle Wagon Works, Auburn, N. Y. Wagons	54,743	June 26	122	3008
Eagle Water Heater Company, New York, N. Y. Water-heaters	55,000	Aug. 7	123	1979
Eagle White Lead Co., Cincinnati, Ohio. Pure red lead	49,395	Feb. 6	120	1814
Earl, William D., Leominster, Mass. Hair-pins and ornamental combs	55,149	Aug. 7	123	1983
Earl & Wilson, Troy, N. Y. Collars	52,132	May 1	122	344
Earl & Wilson, Troy, N. Y. Undershirts and drawers made of linen woven cloth	55,676	Aug. 21	123	2613
Easley Cotton Mills, Easley, S. C. Sheetings and drills	51,521	Apr. 17	121	2317
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,352	Nov. 13	125	655
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,363	Nov. 13	125	656
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,364	Nov. 13	125	656
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,397	Nov. 13	125	656
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,398	Nov. 13	125	656
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,421	Nov. 13	125	657
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,423	Nov. 13	125	657
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,443	Nov. 13	125	658
Eastern Dynamite Company, Kenvil, N. J. High explosives	57,444	Nov. 13	125	658
Eastern Dynamite Company, Kenvil, N. J. High explosives	58,010	Dec. 4	125	1692
Eastern Dynamite Company, Kenvil, N. J. High explosives	58,011	Dec. 4	125	1692
Eastern Dynamite Company, Kenvil, N. J. High explosives	58,553	Dec. 18	125	2356
Eastern Granite Roofing Company, New York, N. Y. Roofing material	53,656	June 12	122	2375
Eastern Refining Co., New York, N. Y. Molasses	48,950	Jan. 16	120	897
Eastern Refining Co., New York, N. Y. Molasses	49,918	Feb. 20	120	2438
Eastern Refining Co., New York, N. Y. Molasses	54,201	June 19	122	2685
Eastern Shore of Virginia Produce Exchange, Onley, Va. Irish and sweet potatoes	51,864	Apr. 24	121	2656
Eastern Shore of Virginia Produce Exchange, Onley, Va. Irish and sweet potatoes	52,248	May 1	122	348
Eastman Kodak Co., Rochester, N. Y. Sensitized photographic film	56,919	Oct. 23	124	2530
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,378	Nov. 13	125	656
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,445	Nov. 13	125	658
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,446	Nov. 13	125	658
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,447	Nov. 13	125	658
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,448	Nov. 13	125	658
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,449	Nov. 13	125	658
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,499	Nov. 13	125	659
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,500	Nov. 13	125	659
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,501	Nov. 13	125	659
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,502	Nov. 13	125	659
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,531	Nov. 13	125	660
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,532	Nov. 13	125	660
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,533	Nov. 13	125	660
Eastman Kodak Co., Rochester, N. Y. Photographic film	57,534	Nov. 13	125	660
Eaton, Clara S., New York, N. Y. Belt-fasteners	55,496	Aug. 14	123	2305
Eaton-Dikeman Co., Lee, Mass. Blotting-paper	49,243	Jan. 30	120	1469
Eaton-Dikeman Co., Lee, Mass. Blotting-paper	51,762	Apr. 24	121	2652
Eberhardt, John H., New York, N. Y. Antiseptic solution	52,171	May 1	122	345
Eberle & Co., J. N., Augsburg-Piersee, Germany. Saws	53,119	May 29	122	1708
Eberle & Co., J. N., Augsburg-Piersee, Germany. Saws	54,305	June 26	122	2990
Ebling Brewing Co., New York, N. Y. Beer	58,030	Dec. 4	125	1693
Eccles, E. M., McKeesport, Pa. Insecticide	48,850	Jan. 16	120	894
Eccles, Thomas, Philadelphia, Pa. Liniment	56,235	Sept. 4	124	314
Eclipse Cement & Blacking Co., Philadelphia, Pa. Cement	48,475	Jan. 2	120	316

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Eclipse Cement & Blacking Co., Philadelphia, Pa. Leather and rubber cement.	51,419	Apr. 17	121	2313
Eclipse Machine Co., Elmira Heights, N. Y. Back-pedaling coaster-brakes and parts thereof.	54,705	June 26	122	3006
Economy Fuel Co., Montgomery, W. Va., and Cincinnati, Ohio. Bituminous and anthracite coal.	50,504	Mar. 20	121	1005
Economy Fuel Co., Montgomery, W. Va., and Cincinnati, Ohio. Bituminous and anthracite coal.	50,505	Mar. 20	121	1005
Economy Manufacturing Co., New Haven, Conn. Concrete washtrays.	49,071	Jan. 23	120	1157
Economy Manufacturing Co., New Haven, Conn. Concrete washtrays.	50,607	Mar. 27	121	1336
Eddystone Manufacturing Co., Eddystone and Philadelphia, Pa. Drapery and upholstery fabrics.	49,246	Jan. 30	120	1469
Eddystone Manufacturing Co., Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,446	Feb. 6	120	1816
Eddystone Manufacturing Co., Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,447	Feb. 6	120	1816
Eddystone Manufacturing Co., Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,448	Feb. 6	120	1816
Eddystone Manufacturing Co., Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	52,643	May 15	122	1034
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,244	Jan. 30	120	1469
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,245	Jan. 30	120	1469
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,300	Jan. 30	120	1471
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,301	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed cotton textile fabrics.	49,302	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,303	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,304	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,305	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,306	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,307	Jan. 30	120	1472
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,449	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,450	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	49,451	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,452	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,453	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,454	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,455	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	49,456	Feb. 6	120	1816
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Dyed and printed cotton drapery and upholstery goods.	49,736	Feb. 13	120	2122
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery textile fabrics.	50,192	Mar. 6	121	330
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	50,193	Mar. 6	121	330
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,561	Mar. 20	121	1008
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,562	Mar. 20	121	1008
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,563	Mar. 20	121	1008
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,578	Mar. 20	121	1008
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,732	Mar. 27	121	1341
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,733	Mar. 27	121	1341
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,734	Mar. 27	121	1341
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,756	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,757	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,758	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,759	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,760	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Cotton textile fabrics.	50,761	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,762	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,763	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Haircloth chevots.	50,764	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,765	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,766	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Drapery and upholstery cretonnes.	50,767	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	50,768	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Shirtings.	50,769	Mar. 27	121	1342
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	50,996	Apr. 3	121	1665
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	51,057	Apr. 3	121	1667
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Art drapery-ropes.	52,358	May 8	122	717
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Moreens.	52,394	May 8	122	718
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Bleached, unbleached, printed, and dyed textile fabrics.	52,395	May 8	122	718
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	53,625	June 5	122	2057
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,811	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,812	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,813	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,814	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,815	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,816	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,817	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,818	July 31	123	1658

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No	Date.	Official Gazette.	
			Vol.	Page.
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Linings.	54,819	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	54,820	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,821	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	54,822	July 31	123	1658
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	54,889	July 31	123	1659
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	55,035	Aug. 7	123	1980
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	55,263	Aug. 14	123	2299
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	55,602	Aug. 21	123	2611
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	56,236	Sept. 4	124	314
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile fabrics.	56,608	Oct. 9	124	1838
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	58,539	Dec. 18	125	2356
Edel's Sons, S. T., Baltimore, Md. Butter.	52,249	May 1	122	348
Edgar Allen & Co., Limited, Sheffield, England. Steel in various forms.	53,543	June 5	122	2054
Edgar Allen & Co., Limited, Sheffield, England. Steel, unwrought and partly wrought.	57,379	Nov. 13	125	656
Edgar Allen & Co., Limited, Sheffield, England. Steel, unwrought and partly wrought.	57,380	Nov. 13	125	656
Edgar Allen & Co., Limited, Sheffield, England. Steel, unwrought and partly wrought.	57,424	Nov. 13	125	657
Edgar Allen & Co., Limited, Sheffield, England. Unwrought and partly-wrought steel, except sheet-steel.	57,450	Nov. 13	125	658
Edgewood Distilling Company, Cincinnati, Ohio. Whisky.	49,247	Jan. 30	120	1469
Edgeworth, John F., Boston, Mass. Wheat-flour in sacks or barrels.	56,037	Aug. 21	123	2622
Edison Manufacturing Company, West Orange, N. J. Kinetoscopes and kinetoscopic films.	57,962	Dec. 4	125	1691
Edison Portland Cement Company, West Orange and New Village, N. J. Portland cement.	53,657	June 12	122	2375
Edison and Swan United Electric Light Company Limited, London, England. Incandescent electric lamps and fittings of ordinary metal for the same.	52,320	May 8	122	751
Edison and Swan United Electric Light Company Limited, London, England. Incandescent electric lamps.	52,620	May 15	122	1033
Edison and Swan United Electric Light Company Limited, London, England. Incandescent electric lamps and electric lighting apparatus.	52,621	May 15	122	1033
Edmonds, William, Liverpool, England. Ale, beer, porter, and stout.	58,554	Dec. 18	125	2356
Edmondson, Robert E., New York, N. Y. Financial-news bulletins.	53,141	May 29	122	1709
Edmonston, Elizabeth, New York, N. Y. Cigars.	55,561	Aug. 14	123	2307
Edsall, Henry F., San Francisco, Cal. Internal remedies.	52,133	May 1	122	344
Edsall, Henry F., San Francisco, Cal. Internal remedies having tonic and alterative properties.	52,134	May 1	122	344
Edsall, Henry F., San Francisco, Cal. Remedies for certain named diseases.	52,997	May 22	122	1390
Edw. K. Tryon Company, Philadelphia, Pa. Certain named fishing-tackle.	57,141	Nov. 6	125	342
Edward Katzinger Company, Chicago, Ill. Baking-pans.	52,416	May 8	122	719
Edward L. Baldwin Co., San Francisco, Cal. Remedy for certain named diseases.	53,339	May 29	122	1717
Edward L. Baldwin Co., San Francisco, Cal. Remedy for certain named diseases.	54,657	June 26	122	3004
Edward Ripley & Son, Limited, Bradford, England. Cloths and stuffs of wool, worsted, or hair.	54,823	July 31	123	1658
Edwin F. Daniels & Co., Inc., Chicago, Ill. Bituminous coal.	58,439	Dec. 18	125	2353
Eerkes-Van Der Maaten Co., Orange City, Iowa. Rusks.	55,240	Aug. 7	123	1985
Egerton Bros., Baltimore, Md. Molasses.	51,071	Apr. 3	121	1668
Egerton Bros., Baltimore, Md. Wheat-flour.	51,964	May 1	122	337
Eggers & Co., Henry, New York, N. Y. Canned fruits and vegetables.	57,020	Oct. 30	124	2897
Eglah Limited, London, England. Prepared food substance.	55,171	Aug. 7	123	1984
Ehrmann, Hilmar, Louisville, Ky. Whisky.	48,681	Jan. 9	120	649
Einstein Bros., Cincinnati, Ohio. Whisky.	55,172	Aug. 7	123	1984
Einstein, Guggenheim and Company, Cleveland, Ohio. Ladies' shirt-waists and shirt-waist suits.	55,535	Aug. 14	123	2306
Eiseman & Company, Samuel, New York, N. Y. Ribbons.	54,243	June 26	122	2987
Eisenlohr & Bros., Otto, Philadelphia, Pa. Cigars and cheroots.	50,874	Apr. 3	121	1659
Eisenman & Co., Charles, Cleveland, Ohio. Men's shirts and boys' shirts, waists, and blouses.	53,829	June 12	122	2382
Eising & Co., E., New York, N. Y. Whisky.	53,166	May 29	122	1710
Eisner & Mendelson Company of New York, New York, N. Y. Mineral waters.	57,702	Nov. 27	125	1340
Eisner & Son, Th. D., Brooklyn, N. Y. Embroideries.	49,186	Jan. 30	120	1467
Ekenberg Milk Products Co., Cortland, N. Y. Preparation made from skim-milk.	50,608	Mar. 27	121	1336
Ekenberg Milk Products Co., Cortland, N. Y. Preparation made from skim-milk.	50,609	Mar. 27	121	1336
El Zernac Co., New York, N. Y. Analgesics.	51,885	Apr. 24	121	2657
El Zernac Co., New York, N. Y. Analgesics.	54,615	June 26	122	3002
El Zernac Co., New York, N. Y. Analgesics.	55,677	Aug. 21	123	2613
Electric Appliance Co., Burlington, Kans. Insoles.	50,506	Mar. 20	121	1005
Electric Cigar Company, Boston, Mass. Cigars.	51,965	May 1	122	337
Electric Lustre Starch Company, Boston, Mass. Laundry starch.	52,198	May 1	122	346
Electric Rubber Manufacturing Company, Rutherford, N. J. Rubber tires for vehicle-wheels.	55,346	Aug. 14	123	2301
Electrical Review Pub. Co., New York, N. Y. Publications treating of electrotechnics.	49,470	Feb. 6	120	1817
Electro-Silicon Co., New York, N. Y. Preparation for cleaning and polishing metals and glass.	49,035	Jan. 23	120	1156
Eley Brothers Limited, London, England. Cartridges.	49,434	Feb. 6	120	1815
Eley Brothers Limited, London, England. Percussion-caps.	53,747	June 12	122	2378
Elgin Chemical Co., Elgin, Ill. Corn cure.	54,326	June 26	122	2990
Elgin National Watch Co., Elgin and Chicago, Ill. Watches.	50,094	Mar. 6	121	326
Elgin National Watch Company, Elgin and Chicago, Ill. Watches.	50,966	Apr. 3	121	1663
Eli Lilly & Company, Indianapolis, Ind.; New York, N. Y.; Chicago, Ill.; St. Louis and Kansas City, Mo., and New Orleans, La. Uterine tonic and sedative.	49,545	Feb. 6	120	1820
Eli Lilly & Company, Indianapolis, Ind. Suppositories.	50,019	Feb. 27	120	2748
Eli Lilly & Company, Indianapolis, Ind. Medicinal fluid extracts.	57,855	Nov. 27	125	1345
Elias Bros. & Co., New York, N. Y. Dress-shirts as distinguished from undershirts.	50,717	Mar. 27	121	1340
Elizabeth Mill Co., Providence, R. I. Thread-yarn.	49,471	Feb. 6	120	1817
Ellendale Milling Company, Ellendale, N. D. Wheat-flour.	52,883	May 22	122	1385
Elliott, Samuel C., Bardstow, Ky. Goose-grease.	56,038	Aug. 21	123	2622
Elliott, Samuel K., Los Angeles, Cal. Alterative, tonic, and blood-purifying compounds.	53,071	May 22	122	1392
Ellison-Harvey Company, Richmond, Va. Whisky.	55,173	Aug. 7	123	1984
Ellison, John C., Hickman, Ky. Remedies for headache in liquid and powdered form.	58,787	Dec. 25	125	2754
Elsendrath, Benjamin D., Racine, Wis. Horse-hides and colt-skins.	55,345	Aug. 14	123	2301
Elterich, Chas., New York, N. Y. Dies, holders therefor, and taps.	58,183	Dec. 11	125	2037
Ely Brothers, New York, N. Y. Medicinal compounds for the cure of catarrhal diseases and colds.	55,741	Aug. 21	123	2615
Elzena Company, Indianapolis, Ind. Specific for all forms of female weakness and diseases.	57,021	Oct. 30	121	2897
Emerald Manufacturing Co., Superior, Wis. Prepared cereal food.	52,532	May 8	122	724
Emergency Rubber Co., Rochester, N. Y. Rubber overshoes.	57,803	Nov. 27	125	1343
Emerson Manufacturing Co., Rockford, Ill. Plows, listers, and harrows.	49,232	Jan. 30	120	1469
Emerson Piano Company, Boston, Mass. Pianos.	53,383	June 5	122	2047
Eminence Distillery Co., St. Paul, Minn. Whisky.	51,637	Apr. 17	121	2321
Eminence Distillery Co., St. Paul, Minn. Whisky.	55,284	Aug. 14	123	2299

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Vol.	Official Gazette, Page.
Empire State Dry Battery Co., New York, N. Y. Dry batteries.....	52,950	May 22	122	1388
Empire State Wine Co., Penn Yan, N. Y. Champagne.....	55,678	Aug. 21	123	2613
Enders and Mechener, Seattle, Wash. Cocoa.....	53,217	May 29	122	1712
Endicott-Johnson Company, Boston, Mass. Leather boots and shoes.....	54,166	June 19	122	2683
Enge, Balduin E., Oberlössnitz, Germany. Coffee.....	56,225	Sept. 4	124	312
Enge, Balduin E., Oberlössnitz, Germany. Cocoa and preparations thereof.....	56,495	Oct. 2	124	1513
Enge, Balduin E., Oberlössnitz, Germany. Tea.....	57,588	Nov. 13	125	667
Engineering & Mining Journal, Incorporated, New York, N. Y. Weekly magazine.....	52,658	May 15	122	1035
Englewood Co., Chicago, Ill. Talking-machine records.....	50,594	Mar. 27	121	1335
Englewood Co. Consolidated Factories, Chicago, Ill. Talking-machines.....	58,253	Dec. 11	125	2039
English-McLarty Company, Charlotte, N. C. Certain named medicine.....	58,750	Dec. 25	125	2753
Enoch Morgan's Sons Company, New York, N. Y. Cleansing or scouring compound.....	49,646	Feb. 13	120	2118
Enoch Morgan's Sons Company, New York, N. Y. Cleansing or scouring compound.....	56,811	Oct. 23	124	2527
Enterprise Coffee Company of Baltimore City, Baltimore, Md. Roasted coffee and roasted and ground coffee.....	54,547	June 26	122	3000
Enterprise Coffee Company of Baltimore City, Baltimore, Md. Roasted coffee and roasted and ground coffee.....	55,203	Aug. 7	123	1984
Enterprise Coffee Company of Baltimore City, Baltimore, Md. Roasted coffee and roasted and ground coffee.....	55,603	Aug. 21	123	2611
Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Meat-chopping machines and meat-presses.....	56,956	Oct. 30	124	2895
Eppstein, Milton L., Fort Worth, Tex. Whisky.....	50,264	Mar. 6	121	333
Eppstein, Milton L., Fort Worth, Tex. Whisky.....	50,265	Mar. 6	121	333
Eppstein, Milton L., Fort Worth, Tex. Bitters.....	50,412	Mar. 13	121	684
Eppstein, Milton L., Fort Worth, Tex. Syrup for beverages.....	52,998	May 22	122	1390
Eppstein, Milton L., Fort Worth, Tex. Whisky.....	55,174	Aug. 7	123	1984
Eppstein, Milton L., Fort Worth, Tex. Whisky.....	55,742	Aug. 21	123	2615
Eppstein, Milton L., Fort Worth, Tex. Whisky.....	55,979	Aug. 21	123	2621
Epstein Bros. Co. Ltd., New Orleans, La. Whisky.....	51,580	Apr. 17	121	2319
Equinox Company, Manchester, Vt. Certain named beverages.....	55,926	Aug. 21	123	2619
Equitable Coal & Coke Company, Chicago and Du Quoin, Ill. Coal.....	53,481	June 5	122	2051
Erb, Fred H., Jr., Lafayette, Ind. Foods for live stock and other animals.....	52,533	May 8	122	724
Erb-Ine Veterinary Medicine Company of Baltimore City, Baltimore, Md. Certain named veterinary medicines.....	57,856	Nov. 27	125	1345
Erb, Ludwig G. B., New York, N. Y. Insect-extermiators.....	58,751	Dec. 25	125	2753
Erdreich Bros. & Marx, Birmingham, Ala. Whisky.....	55,285	Aug. 14	123	2299
Ericka Mfg. Co. Incorporated, Springfield, Mass. Toilet and laundry soap.....	53,952	June 19	122	2675
Ericsson Telephone Company, New York, N. Y. Dry and wet batteries.....	51,789	Apr. 24	121	2653
Ericsson Telephone Company, New York, N. Y. Telephone transmitters and receivers.....	52,567	May 15	122	1032
Erie Preserving Company, Brant and Buffalo, N. Y. Canned fruits, vegetables, jellies, fruit-butter, and fruit-jams.....	55,743	Aug. 21	123	2615
Erlanger Bros., New York, N. Y. Undershirts and underdrawers.....	49,931	Feb. 27	120	2745
Ern, Carl F., Wald, Germany. Razors and safety-razor blades.....	54,327	June 26	122	2991
Ernst Schliemann's Export Ceresin Fabrik Gesellschaft m. b. Haftung, Hamburg, Germany. Ceresin.....	54,658	June 26	122	3004
Ernst Schliemann's Oelwerke Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Mineral lubricating-oils.....	55,024	Aug. 7	123	1980
Ernst, Wilhelm, Hanover, Germany. Suppositories.....	53,203	May 29	122	1711
Ernstthal & Pohly, New York, N. Y. Knit stockings, socks, undershirts, and underdrawers.....	56,067	Aug. 21	123	2623
Erste Wiener Export Malzfabrik Hauser & Sobotka, Stadlau, near Vienna, Austria-Hungary. Alimentary products.....	50,852	Apr. 3	121	1659
Esche, Moritz S., Chemnitz, Germany. Hosiery.....	57,121	Nov. 6	125	342
Esche, Moritz S., Chemnitz, Germany. Knitted hosiery and gloves.....	57,122	Nov. 6	125	342
Esche, Moritz S., Chemnitz, Germany. Knitted hosiery and gloves.....	57,123	Nov. 6	125	342
Estes Mills, Fall River, Mass. Mops.....	52,063	May 1	122	341
Estes Mills, Fall River, Mass. Mops.....	52,067	May 1	122	341
Ethison Hat Co. Inc., Richmond, Va. Stiff and soft felt hats.....	57,963	Dec. 4	125	1691
Ety, David J., Pittsburg, Pa. Granulated toast.....	50,588	Mar. 27	121	1335
Eucaline Medicine Co., Dallas, Tex. Remedy for certain named diseases.....	51,495	Apr. 17	121	2316
Eugene Dietzgen Co., Chicago, Ill. Paper for process printing.....	54,706	June 26	122	3006
Eugene Rimmel Limited, London, England. Perfumed soap.....	51,581	Apr. 17	121	2319
Eugene Rimmel Limited, London, England. Perfumery.....	51,638	Apr. 17	121	2321
Euler & Co., Franz, New York, N. Y. Lamp-chimneys.....	48,619	Jan. 9	120	647
Eureka Brass Company, St. Louis, Mo. Antifricition metal.....	56,272	Sept. 4	124	315
Eureka Chemical Co., Omaha, Nebr. Obtundent or local anesthetic.....	51,318	Apr. 10	121	1972
Eureka Fire Hose Co., Jersey City, N. J. Cotton rubber-lined hose.....	51,708	Apr. 24	121	2650
Eureka Fire Hose Co., Jersey City, N. J. Cotton rubber-lined hose.....	51,886	Apr. 24	121	2657
Eureka Fire Hose Company, Jersey City, N. J. Fabric hose.....	48,656	Jan. 9	120	648
Eureka Fire Hose Company, Jersey City, N. J. Hose-pipes, nozzles, gates, and couplings.....	49,948	Feb. 27	120	2745
Eureka Fire Hose Company, Jersey City, N. J. Fabric hose.....	53,167	May 29	122	1710
Eureka Fire Hose Company, Jersey City, N. J. Fabric hose.....	53,168	May 29	122	1710
Eureka Fire Hose Company, Jersey City, N. J. Fabric hose.....	58,237	Dec. 11	125	2039
Eureka Fire Hose Company, Jersey City, N. J. Fabric hose.....	58,238	Dec. 11	125	2039
Eureka Packing Company, Camden, N. J. Packing for steam or other engines and machinery.....	58,947	Dec. 25	125	2758
Eureka Refrigerator Co., Indianapolis, Ind. Refrigerators.....	57,074	Oct. 30	124	2898
Eureka Springs Water Company, Eureka Springs, Ark. Certain beverages.....	58,855	Dec. 25	125	2756
Evans, Clarence D., Healdsburg, Cal. Preparation for the face and skin.....	50,367	Mar. 13	121	682
Evans, Ezekiel C., Philadelphia, Pa. Liquid roofing compounds made from coal-tar products.....	54,444	June 26	122	2995
Evans Shoe Co., East Napa, Cal. Leather boots and shoes.....	56,411	Sept. 25	124	1201
Evans & Son, Geo. T., Indianapolis, Ind. Wheat-flour.....	52,774	May 15	122	1040
Evans & Son, Geo. T., Indianapolis, Ind. Wheat-flour.....	53,169	May 29	122	1710
Evansville Tool Works, Evansville, Ind. Axes, adzes, and hatchets.....	50,589	Mar. 27	121	1335
Everett, Charles A., Detroit, Mich. Powders for cleaning solid and plated wares and metals.....	49,030	Jan. 23	120	1155
•Everett Mills, Lawrence, Mass. Cotton piece goods.....	52,516	May 8	122	723
Everett Mills, Lawrence, Mass. Cotton piece goods.....	52,960	May 22	122	1388
Everett Mills, Lawrence, Mass. Cotton piece goods.....	55,116	Aug. 7	123	1982
Everett Mills, Lawrence, Mass. Cotton piece goods.....	55,150	Aug. 7	123	1983
Everett Mills, Lawrence, Mass. Certain named textiles.....	55,604	Aug. 21	123	2611
Everett Mills, Lawrence, Mass. Cotton piece goods.....	55,605	Aug. 21	123	2611
Everhart, Julia M., Chicago, Ill. Furniture or cabinet polish.....	57,885	Dec. 4	125	1689
Ewa Plantation Co., Honolulu, Hawaii. Foodstuff.....	51,024	Apr. 3	121	1666
Ewart & Co., S., Pittsburg, Pa. Stogies or tobies.....	49,647	Feb. 13	120	2118
Ewart & Co., S., Pittsburg, Pa. Stogies and tobies.....	49,648	Feb. 13	120	2118
Ewart & Co., S., Pittsburg, Pa. Lard.....	56,299	Sept. 4	124	315
Ewart & Co., S., Pittsburg, Pa. Sugar.....	58,604	Dec. 18	125	2357
Excelsior Mill Company, Yankton, S. D. Wheat-flour.....	58,184	Dec. 11	125	2037
Excelsior Needle Company, Torrington, Conn. Sewing-machine needles.....	52,659	May 15	122	1035

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date	Official Gazette.	
			Vol.	Page.
Excelsior Needle Company, Torrington, Conn. Sewing-machine needles.....	52,660	May 15	122	1035
Excelsior Needle Company, Torrington, Conn. Needles.....	53,544	June 5	122	2054
Excelsior Needle Company, Torrington, Conn. Knitting-machine needles.....	54,918	Aug. 7	123	1979
Exer Ketch Novelty Co., Indianapolis, Ind. Game.....	58,705	Dec. 25	125	2752
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,266	Apr. 10	121	1970
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,319	Apr. 10	121	1972
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,320	Apr. 10	121	1972
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,341	Apr. 10	121	1973
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,522	Apr. 17	121	2317
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,523	Apr. 17	121	2317
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,524	Apr. 17	121	2317
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,525	Apr. 17	121	2317
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,549	Apr. 17	121	2318
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,550	Apr. 17	121	2318
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,551	Apr. 17	121	2318
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,607	Apr. 17	121	2320
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,608	Apr. 17	121	2320
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	51,609	Apr. 17	121	2320
Exton & Co., A., Trenton, N. J. Biscuits and crackers.....	48,851	Jan. 16	120	894
Eye-Fix Remedy Company, Detroit, Mich. Remedies for diseases of the eye.....	51,526	Apr. 17	121	2317
Eye Shine Polish Company, Chicago, Ill. Stove-polish.....	49,852	Feb. 20	120	2435
F. Chevalier Co., San Francisco, Cal. Whisky.....	55,679	Aug. 21	123	2613
F. Korb & Bros., Inc., San Francisco, Cal. Champagne and still-wine.....	50,095	Mar. 6	121	326
F. Mayer Boot & Shoe Co., Milwaukee, Wis. Leather boots and shoes.....	50,129	Mar. 6	121	327
F. Mayer Boot & Shoe Co., Milwaukee, Wis. Leather shoes.....	53,309	May 29	122	1715
F. Mayer Boot & Shoe Co., Milwaukee, Wis. Leather shoes.....	54,306	June 26	122	2990
F. Mayer Boot & Shoe Co., Milwaukee, Wis. Leather boots and shoes.....	55,347	Aug. 14	123	2301
F. Peter's Nachfolger, Vienna, Austria-Hungary. Collars, cuffs, and shirt-fronts.....	54,923	Aug. 7	123	1977
F. Reddaway & Co., Limited, Manchester, England. Certain named woven belting.....	55,025	Aug. 7	123	1980
F. A. Poth & Sons, Incorporated, Philadelphia, Pa. Lager-beer.....	50,069	Mar. 6	121	325
F. B. Q. Clothing Co., New York, N. Y. Overcoats, coats, vests, trousers, and knee-pants.....	49,308	Jan. 30	120	1472
F. H. Sadler Co., Attleboro, Mass. Gold-plated rings.....	49,496	Feb. 6	120	1818
F. H. Sadler Co., Attleboro, Mass. Bracelets.....	49,779	Feb. 13	120	2123
F. H. Young Company, Boston, Mass. Dressing for boots and shoes.....	51,337	Apr. 17	121	2312
F. H. Young Company, Boston, Mass. Dressing for boots and shoes.....	51,833	Apr. 24	121	2655
F. H. Young Company, Boston, Mass. Cleaning compounds for duck and canvas.....	51,834	Apr. 24	121	2655
F. H. Young Company, Boston, Mass. Dressing for boots and shoes.....	51,926	Apr. 24	121	2659
F. H. Young Company, Boston, Mass. Cleaning compounds for duck and canvas.....	51,927	Apr. 24	121	2659
F. O. Pierce Company, New York, N. Y. Liquid putty or glazing preparation.....	51,763	Apr. 24	121	2652
F. O. Pierce Company, New York, N. Y. Color varnish.....	51,966	May 1	122	337
F. O. Pierce Company, New York, N. Y. Red paint.....	51,967	May 1	122	337
F. R. Penn Tob. Co., Reidsville, N. C. Granulated smoking-tobacco.....	50,735	Mar. 27	121	1341
F. S. & F. D. Larabee, Staiford, Kans. Wheat-flour.....	54,921	Aug. 7	123	1977
F. S. Royster Guano Co., Norfolk, Va. Bone fertilizer.....	52,845	May 22	122	1384
F. W. Drosten Jewelry Company, St. Louis Mo. Precious and semiprecious stones.....	55,348	Aug. 14	123	2301
F. W. Gesswein Company, New York, N. Y. Polishing and abrading tools and implements and metal-polishing powder.....	56,789	Oct. 16	124	2175
F. W. Gesswein Company, New York, N. Y. Polishing buffs and brushes.....	56,812	Oct. 23	124	2327
F. W. Gesswein Company, New York, N. Y. Files and saws.....	57,451	Nov. 13	125	658
F. W. Poe Mfg. Co., Greenville, S. C. Cotton piece goods.....	53,170	May 29	122	1710
F. W. Poe Mfg. Co., Greenville, S. C. Cotton piece goods.....	53,545	June 5	122	2054
Faber, A. W., Stein, Germany. Lead-pencils.....	54,595	June 26	122	3001
Faber, A. W., Stein, Germany. Lead-pencils.....	55,422	Aug. 14	123	2303
Faber, Eberhard, New York, N. Y. Certain named articles of stationery.....	51,227	Apr. 10	121	1969
Faber, Eberhard, New York, N. Y. Rubber erasers.....	52,417	May 8	122	719
Faber, Eberhard, New York, N. Y. Pencils.....	54,354	June 26	122	2992
Faber, Eberhard, New York, N. Y. Penholders.....	57,022	Oct. 30	124	2897
Fabrik von Maggis Nahrungsmitteln, Kemptal, Switzerland. Bouillon.....	58,883	Dec. 25	125	2756
Fabrique de Chocolat et de Produits Alimentaires de Villars, Villars, Switzerland. Cocoa products.....	56,751	Oct. 16	124	2174
Fader, Abraham, Baltimore, Md. Cigars.....	58,520	Dec. 18	125	2355
Fahnestock, Benjamin S., Pittsburg, Pa. Worm medicines.....	52,461	May 8	122	721
Fahnestock Co., B. A., Pittsburg, Pa. Vermifuge.....	49,149	Jan. 23	120	1160
Fahrner, John, Joliet, Ill. Remedy for certain named diseases.....	57,163	Nov. 6	125	343
Fairbanks Co., New York, N. Y. Steam-valves and water-valves.....	49,353	Jan. 30	120	1474
Fairbanks Co., New York, N. Y. Steam-valves and water-valves.....	49,354	Jan. 30	120	1474
Fairbanks Co., New York, N. Y. Packing for valve-joints.....	49,780	Feb. 13	120	2123
Fairbanks Co., New York, N. Y. Bearing metal.....	50,948	Apr. 3	121	1663
Fairbanks Co., New York, N. Y. Gas and gasoline engines.....	51,582	Apr. 17	121	2319
Fairbanks Co., New York, N. Y. Steam and water valves.....	57,779	Nov. 27	125	1342
Fairchild Bros. & Foster, New York, N. Y. Medicinal preparations.....	48,682	Jan. 9	120	649
Fairchild Bros. & Foster, New York, N. Y. Certain named medicine.....	50,967	Apr. 3	121	1663
Fairchild Bros. & Foster, New York, N. Y. Preparation of hydrochloric acid in combination with proteid.....	50,968	Apr. 3	121	1663
Fairchild & Shelton Co., Bridgeport, Conn. Washing-powder.....	57,311	Nov. 13	125	654
Fairchild & Shelton Co., Bridgeport, Conn. Soap.....	57,886	Dec. 4	125	1689
Fairchild & Shelton Co., Bridgeport, Conn. Laundry starch.....	58,059	Dec. 4	125	1693
Fairfax & Co., Alexandria, Va. Whisky.....	52,479	May 8	122	722
Falk Mercantile Co. Ltd., Boise, Idaho. Evaporated milk and cream.....	52,584	May 15	122	1032
Falk Mercantile Co. Ltd., Boise, Idaho. Wheat-flour.....	54,404	June 26	122	2993
Fall River Bleachery, Fall River, Mass. Bleached cotton goods.....	52,775	May 15	122	1040
Family Doctor Publishing Co., New York, N. Y. Monthly periodical.....	50,348	Mar. 13	121	682
Fandrey, Joseph, Los Angeles, Cal. Lotion used in the treatment of hernia.....	50,541	Mar. 20	121	1007
Farbenfabriken of Elberfeld Co., New York, N. Y. Sensitizing dyestuffs.....	51,887	Apr. 24	121	2657
Farbenfabriken of Elberfeld Co., New York, N. Y. Photographic papers.....	54,596	June 26	122	3001
Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Antiseptics and deodorants.....	52,135	May 1	122	344
Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Anesthetics.....	53,072	May 22	122	1392
Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Anesthetics.....	55,744	Aug. 21	123	2615
Farina, Johnan Maria, gegenüber dem Jülichs-Platz, Cologne, Germany. Eau-de-cologne.....	57,195	Nov. 6	125	344
Farm Life Publishing Co., Chicago, Ill. Monthly periodical.....	55,587	Aug. 14	123	2307
Farquhar, North & Co., London, England. Compounded fish-savory.....	58,144	Dec. 4	125	1696
Farwell & Rhines, Watertown, N. Y. Wheat-flour.....	55,264	Aug. 14	123	2299
Farwell & Rhines, Watertown, N. Y. Diabetic flour food made from ground cereals.....	56,557	Oct. 9	124	1837
Farwell & Rhines, Watertown, N. Y. Wheat-flour.....	56,716	Oct. 16	124	2173
Fast, Edward, New York, N. Y. Ladies' shirt-waists.....	54,494	June 26	122	2998
Faultless Rubber Co., Akron, Ohio. Certain named rubber goods.....	53,171	May 29	122	1710

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Faultless Starch Co., Kansas City, Mo. Powdered laundry starch.	51,025	Apr. 3	121	1666
Favorite Stove & Range Co., Piqua, Ohio. Stoves, furnaces, and ranges.	48,952	Jan. 16	120	897
Favorite Stove & Range Co., Piqua, Ohio. Stoves, furnaces, and ranges.	48,953	Jan. 16	120	897
Fearcy, Anna S., Albany, N. Y. Leather boots and shoes.	52,009	May 1	122	339
Federal Chemical Co., Louisville, Ky. Fertilizers.	48,476	Jan. 2	120	316
Federal Clay Product Co., Mineral City, Ohio. Face-brick, fire-brick, and terra-cotta.	55,894	Aug. 21	123	2619
Federal Distilling Co., New York, N. Y. Whisky.	56,681	Oct. 16	124	2172
Federal Stove Co., New York, N. Y. Stoves.	55,980	Aug. 21	123	2621
Feeney & Pallotto, Carnegie, Pa. Tonic for rheumatism.	54,328	June 26	122	2991
Fehsenfeld Cigar Company, Baltimore, Md. Cigars.	57,196	Nov. 6	125	344
Feiner, Bernard S., Springfield, Mass. Charcoal.	50,782	Mar. 27	121	1343
Ferstein, Isaac, Hopkinsville, Ky. Anesthetic.	50,969	Apr. 3	121	1663
Feist, Leo, New York, N. Y. Sheet-music and music-books.	54,074	June 19	122	2680
Feldman, Nellie von, Washington, D. C. Compounds for the treatment of the hair and scalp.	48,534	Jan. 2	120	318
Fellheimer and Company, New York, N. Y. Corsets.	54,548	June 26	122	3000
Fellows and Company, Troy, N. Y. Shirts, collars, and cuffs.	49,233	Jan. 30	120	1469
Fellows Medical Mfg Co., Limited, New York, N. Y. Preparation of hypophosphites.	49,578	Feb. 13	120	2116
Fellows Medical Mfg Co., Limited, New York, N. Y. Preparation of hypophosphites.	53,204	May 29	122	1711
Fels & Co., Philadelphia, Pa. Soap.	54,776	July 31	123	1657
Fels & Company, Philadelphia, Pa. Soap.	55,478	Aug. 14	123	2304
Fels & Company, Philadelphia, Pa. Soap.	56,841	Oct. 23	124	2528
Fels & Company, Philadelphia, Pa. Soap.	57,674	Nov. 27	125	1340
Fennessy, Frank E., Boston, Mass. Blacking and leather-dressing.	49,853	Feb. 20	120	2435
Fennessy, Frank E., Boston, Mass. Shoe polishes and blackings.	50,040	Feb. 27	120	2749
Ferdinand, Lorrin W., Boston, Mass. Glue-cement.	51,467	June 26	122	2996
Fernando Fruit Growers Association, Fernando, Cal. Oranges, lemons, and grape-fruit.	52,251	May 1	122	348
Fernando Fruit Growers Association, Fernando, Cal. Oranges, lemons, and grape-fruit.	57,057	Oct. 30	124	2897
Ferris & Company, F. A., New York, N. Y. Smoked and pickled meats.	54,894	July 31	123	1660
Ferris & Company, F. A., New York, N. Y. Smoked meats.	56,516	Oct. 2	124	1518
Ferris & Company, F. A., New York, N. Y. Ham and bacon.	56,586	Oct. 9	124	1838
Ferris & Company, F. A., New York, N. Y. Bacon.	56,682	Oct. 16	124	2172
Ferris & Company, F. A., New York, N. Y. Smoked and pickled meats.	56,717	Oct. 16	124	2173
Ferris & Company, F. A., New York, N. Y. Smoked and pickled meats.	56,718	Oct. 16	124	2173
Ferris, Mary A., Plainville, Ohio. Mineral waters.	49,649	Feb. 13	120	2118
Ferriss, John M., Jr., Tacoma, Wash. Lumber-handling lever.	52,846	May 22	122	1384
Ferry Drug Co., San Francisco, Cal. Medicinal preparation.	54,744	June 26	122	3008
Fetzer & Company, Middletown, Ohio. Certain named agricultural machines.	54,745	June 26	122	3008
Fetzer & Company, Middletown, Ohio. Certain named agricultural machines.	54,746	June 26	122	3008
Feuchter Bros., Cairo, Ill. Whisky.	53,036	May 22	122	1391
Feuchter Bros., Cairo, Ill. Whisky.	58,919	Dec. 25	125	2757
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	51,288	Apr. 10	121	1971
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	51,321	Apr. 10	121	1972
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	51,322	Apr. 10	121	1972
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	51,463	Apr. 17	121	2314
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	53,269	May 29	122	1714
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	54,189	June 19	122	2684
Fidalgo Island Packing Co., Anacortes, Wash. Canned salmon.	54,190	June 19	122	2684
Fidelity Carbon Paper Company, Boston, Mass. Carbon-paper.	56,349	Sept. 18	124	901
Fieberger Heating Company, Akron, Ohio. Stoves and furnaces for heating buildings.	52,263	May 8	122	713
Field, Fred F., Brockton, Mass. Leather boots, shoes, and slippers and leather therefor.	49,766	Feb. 13	120	2123
Figge Doyle Co., Milwaukee, Wis. Whisky.	50,718	Mar. 27	121	1340
Filleau, Axel L., Brooklyn, N. Y. Blood remedies or purifiers.	50,228	Mar. 6	121	331
Finck & Son, A., New York, N. Y. Lager-beer.	53,595	June 5	122	2056
Finkler & Co. Papain, Dr., Godramstein, Germany. Remedy for certain named diseases.	58,060	Dec. 4	125	1693
Finley, Frank M., Washington, D. C. Distilled and carbonated waters.	50,041	Feb. 27	120	2749
Finley, Frank M., Washington, D. C. Non-alcoholic carbonated beverages.	51,228	Apr. 10	121	1969
Firth-Sterling Steel Company, Pittsburg, Pa. High-speed cutting-steel.	54,870	July 31	123	1659
Firth-Sterling Steel Company, Pittsburg, Pa. Tool-steel.	54,871	July 31	123	1659
Firth-Sterling Steel Company, Pittsburg, Pa. Magnet-steel.	55,080	Aug. 7	123	1981
Firth-Sterling Steel Company, Pittsburg, Pa. Tool-steel.	57,410	Nov. 13	125	67
Fischer Chemical Importing Co., New York, N. Y. Remedies for pulmonary diseases.	50,368	Mar. 13	121	682
Fischer Chemical Importing Co., New York, N. Y. Remedies for pulmonary diseases.	50,542	Mar. 20	121	1007
Fischer Chemical Importing Co., New York, N. Y. Cold-cream.	52,136	May 1	122	344
Fischl, Frederick, New York, N. Y. Cakes and crullers.	58,639	Dec. 18	125	2358
Fishel, Nessler & Co., New York, N. Y. Hair-pins and hair ornaments.	51,552	Apr. 17	121	2318
Fisher, Bruce & Co., Philadelphia, Pa. Self-sealing glass jars.	55,376	Aug. 14	123	2302
Fisher, Charles A., Chicago, Ill. Mattresses and cushions.	51,725	Apr. 24	121	2651
Fisher, Robert J., Athens, Tenn. Hosiery.	50,002	Feb. 27	120	2748
Fiske Brothers Refining Co., New York, N. Y. Lubricating-oil.	54,004	June 19	122	2677
Fitzpatrick, Thomas B., Boston, Mass. Underwaists for women and children.	54,234	June 26	122	2987
Flash Self Lighting Mantle Co., New York, N. Y., assignor to Flash Self-Lighting Mantle Company.	49,932	Feb. 27	120	2745
Incandescent gas-mantles.				
Flash Self-Lighting Mantle Company. (See Flash Self Lighting Mantle Co., assignor.)				
Fleischmann Co., Cincinnati, Ohio, and New York, N. Y. Compressed yeast.	52,999	May 22	122	1390
Fleischmann Co., Cincinnati, Ohio, and New York, N. Y. Compressed yeast.	53,000	May 22	122	1390
Fleischmann, Paul, East Boston, Mass. Bread.	53,205	May 29	122	1711
Fleishman, Morris & Co., Richmond, Va. Leather shoes.	58,372	Dec. 11	125	2042
Fletcher Hardware Co., Detroit, Mich. Hatchets and axes.	56,273	Sept. 4	124	315
Fletcher Manufacturing Company, Providence, R. I. Wicks, webs, and webbings.	48,777	Jan. 16	120	891
Fletcher Manufacturing Company, Providence, R. I. Braids, bindings, and trimmings.	49,187	Jan. 30	120	1467
Fletcher Manufacturing Company, Providence, R. I. Lamp and candle wicks.	52,568	May 15	122	1032
Flinn, Fitz Allen, New York, N. Y. Paper and envelopes.	51,072	Apr. 3	121	1668
Flinn, Fitz Allen, New York, N. Y. Paper and envelopes.	52,931	May 22	122	1387
Flinn, Fitz Allen, New York, N. Y. Commercial and record paper.	57,353	Nov. 13	125	655
Flint and Walling Manufacturing Company, Kendallville, Ind. Windmills.	51,742	Apr. 24	121	2651
Flood, John W., Louisville, Ky. Whisky.	56,207	Sept. 4	124	313
Florence Manufacturing Company, Northampton, Mass. Tooth-brushes.	52,808	May 15	122	1041
Florence Manufacturing Company, Northampton, Mass. Tooth-brushes.	53,373	June 5	122	2047
Florence Manufacturing Company, Northampton, Mass. Tooth-brushes.	53,374	June 5	122	2047
Florence Manufacturing Company, Northampton, Mass. Tooth-brushes.	53,546	June 5	122	2054
Florence Manufacturing Company, Northampton, Mass. Hair, clothes, and hat brushes.	55,063	Aug. 7	123	1981
Florence Manufacturing Company, Northampton, Mass. Tooth-brushes.	55,064	Aug. 7	123	1981
Florida White Pressed Brick Company, Greencove Springs, Fla. Bricks and artificial stone.	49,355	Jan. 30	120	1474
Floto, Theodore D., Brooklyn, N. Y. Coffee substitute.	55,815	Aug. 21	123	2617
Flowerdew, Nelson J., St. Louis, Mo. Developing and fixing solution for photographers' use.	58,706	Dec. 25	125	2752
Floyd Cotton Mills, Rome, Ga. Cotton piece goods.	55,036	Aug. 7	123	1980

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Floyd Cotton Mills, Rome, Ga. Cotton piece goods.....	55,128	Aug. 7	123	1983
Fluhrer Tobacco Company, Boonville, Ind. Smoking and chewing tobacco in twist form.....	53,340	May 29	122	1717
Foamacina Hair Preparation Co., Alameda, Cal. Preparation for the hair and scalp.....	55,680	Aug. 21	123	2613
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,209	Apr. 10	121	1968
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,210	Apr. 10	121	1968
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,229	Apr. 10	121	1969
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,230	Apr. 10	121	1969
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,231	Apr. 10	121	1969
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,232	Apr. 10	121	1969
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,233	Apr. 10	121	1969
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,342	Apr. 10	121	1973
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,343	Apr. 10	121	1973
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,344	Apr. 10	121	1973
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,345	Apr. 10	121	1973
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,346	Apr. 10	121	1973
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,347	Apr. 10	121	1973
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,639	Apr. 17	121	2321
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,640	Apr. 17	121	2321
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,641	Apr. 17	121	2321
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,642	Apr. 17	121	2321
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	51,986	May 1	122	338
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	53,120	May 29	122	1708
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	55,450	Aug. 14	123	2304
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	55,451	Aug. 14	123	2304
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.....	56,068	Aug. 21	123	2623
Folmer & Schwing Company, Rochester, N. Y. Photographic cameras.....	57,887	Dec. 4	125	1689
Folmer & Schwing Company, Rochester, N. Y. Photographic cameras.....	57,888	Dec. 4	125	1689
Foltz, Edgar D. G., Philadelphia, Pa. Tooth-wash.....	58,788	Dec. 25	125	2754
Fones Bros. Hardware Co., Little Rock, Ark. Certain named edge-tools.....	57,142	Nov. 6	125	342
Foot & Jenks, Jackson, Mich. Flavoring extracts.....	58,129	Dec. 4	125	1695
Forbes, Andrew, Philadelphia, Pa. Whisky.....	53,626	June 5	122	2057
"Force" Food Company, New York, N. Y. Cooked and flaked wheat.....	55,816	Aug. 21	123	2617
Ford, Perry M., Columbus, Ohio. Cure for consumption.....	51,169	Apr. 3	121	1672
Ford, Thomas F., New York, N. Y. Regulating-valves for fluids.....	49,708	Feb. 13	120	2121
Foree, William J., Owenton, Ky. Hair-restorers and dandruff-destroyers.....	50,003	Feb. 27	120	2748
Foreman & Son, J. A., Sylvia, Tenn. Peach-trees.....	58,364	Dec. 11	125	2042
Forquignon, Emil, New York, N. Y. Scissors and shears.....	52,908	May 22	122	1386
Fort Smith Commission Company, Fort Smith, Ark. Roasted coffee.....	50,464	Mar. 20	121	1004
Fort Worth Overall Co., North Fort Worth, Tex. Overalls, jumpers, and trousers.....	58,580	Dec. 18	125	2357
Fortune Bros. Brew. Co., Chicago, Ill. Lager-beer and malt extracts.....	58,884	Dec. 25	125	2756
Foss Gas Engine Company, Springfield, Ohio. Explosive-engines.....	53,975	June 19	122	2676
Foss, Packard & Co., Boston, Mass. Leather and canvas shoes.....	53,782	June 12	122	2380
Foster, Edward C., Providence, R. I. Dyeing preparation.....	50,229	Mar. 6	121	331
Foster-McClellan Company, Buffalo, N. Y. Cathartic pills and tablets.....	53,073	May 22	122	1392
Foster-McClellan Company, Buffalo, N. Y. Cathartic pills and tablets.....	53,074	May 22	122	1393
Foster-McClellan Company, Buffalo, N. Y. Ointments.....	53,075	May 22	122	1393
Foster-McClellan Company, Buffalo, N. Y. Ointments.....	55,606	Aug. 21	123	2611
Foster Milburn Co., Buffalo, N. Y. Cough-syrup.....	48,522	Jan. 2	120	318
Foster-Milburn Co., Buffalo, N. Y. Ointments.....	50,929	Apr. 3	121	1662
Foster-Milburn Co., Buffalo, N. Y. Oil for external and internal use.....	56,208	Sept. 4	124	313
Foster Milburn Company, Buffalo, N. Y. Astringent remedies for bowel and similar complaints.....	51,610	Apr. 17	121	2320
Four Oaks Distilling Co., Birmingham, Ala. Whisky.....	54,747	June 26	122	3008
Fowler, Henry E., Guilford, Conn. Liquid preparation for external application for rheumatism.....	50,745	Mar. 27	121	1341
Fowler Medicine Company, Rochester, N. Y. Corn remedy.....	48,954	Jan. 16	120	897
Fowler, Milton E., Lindale, Tex. Peach-trees.....	54,573	June 26	122	3001
Fownes Brothers & Co., London, England, and New York, N. Y. Gloves.....	49,094	Jan. 23	120	1158
Fownes Brothers & Co., London, England, and New York, N. Y. Gloves.....	52,137	May 1	122	344
Fox River Butter Company, Aurora, Ill. Butter.....	50,483	Mar. 20	121	1004
Fox River Butter Company, Aurora, Ill. Butter.....	52,297	May 8	122	714
Fox River Butter Company, Aurora, Ill. Butter.....	54,426	June 26	122	2995
Fox River Paper Company, Appleton, Wis. Writing-paper.....	49,188	Jan. 30	120	1467
Foy, M. M., St. Louis, Mo. Medical compound.....	50,543	Mar. 20	121	1007
Francesconi, Diego S., Lucca, Italy. Olive-oil.....	56,446	Sept. 25	124	1202
Francis Gowdy Distilling Co., Melrose, Conn. Gin.....	49,248	Jan. 30	120	1469
Francis H. Leggett & Company, New York, N. Y. Corn-starch and laundry starch.....	48,657	Jan. 9	120	648
Francis H. Leggett & Company, New York, N. Y. Corn-starch and laundry starch.....	48,658	Jan. 9	120	648
Francis H. Leggett & Company, New York, N. Y. Chocolate and cocoa.....	48,923	Jan. 16	120	896
Francis H. Leggett & Company, New York, N. Y. Jellies, jelly-powders, jams, and preserves.....	49,333	Jan. 30	120	1473
Francis H. Leggett & Company, New York, N. Y. Salt.....	49,519	Feb. 6	120	1819
Francis H. Leggett & Company, New York, N. Y. Lard.....	49,520	Feb. 6	120	1819
Francis H. Leggett & Company, New York, N. Y. Canned meats.....	50,370	Mar. 13	121	682
Francis H. Leggett & Company, New York, N. Y. Syrup and molasses.....	50,610	Mar. 27	121	1336
Francis H. Leggett & Company, New York, N. Y. Butter.....	51,441	Apr. 17	121	2313
Francis H. Leggett & Company, New York, N. Y. Canned vegetables and fruits.....	52,322	May 8	122	715
Francis H. Leggett & Company, New York, N. Y. Olives.....	52,462	May 8	122	721
Francis H. Leggett & Company, New York, N. Y. Dried fruits.....	52,480	May 8	122	722
Francis H. Leggett & Company, New York, N. Y. Flavoring extracts.....	52,517	May 8	122	723
Francis H. Leggett & Company, New York, N. Y. Prepared cereal breakfast-foods.....	52,518	May 8	122	723
Francis Kelly & Co. (Incorporated), Wilmington, Del. Whisky.....	56,891	Oct. 23	124	2529
Franciscan Company, Santa Barbara, Cal. Cordial bitters.....	53,850	June 12	122	2382
Frank C. Weber and Co., Chicago, Ill. Canned fruits and vegetables.....	49,650	Feb. 13	120	2118
Frank C. Weber and Co., Chicago, Ill. Canned fruits and vegetables.....	49,651	Feb. 13	120	2118
Frank Disinfecting Co., P. M., New York, N. Y. Insect-poison.....	56,039	Aug. 21	123	2622
Frank, George, San Jose, Cal. Canned fruits and vegetables.....	50,369	Mar. 13	121	682
Frank, George, San Jose, Cal. Dried fruits.....	54,427	June 26	122	2995
Frank H. Fleer & Company, Philadelphia, Pa. Chewing-gum.....	51,267	Apr. 10	121	1970
Frank H. Fleer and Company, Philadelphia, Pa. Chewing-gum.....	58,789	Dec. 25	125	2754
Frank H. Stewart Electric Company, Philadelphia, Pa. Electric-light supports.....	49,854	Feb. 20	120	2435
Frank H. Stewart Electric Company, Philadelphia, Pa. Socket-bushings for electric fixtures.....	49,855	Feb. 20	120	2435
Frank Miller Company, New York, N. Y. Leather-dressings in liquid, paste, and solid form.....	50,698	Mar. 27	121	1339
Frank Mossberg Co., Attleboro, Mass. Certain named bells.....	57,780	Nov. 27	125	1343
Frankel, Regenthal and Damler, St. Paul, Minn. Whisky.....	48,543	Jan. 2	120	318
Frankel, Regenthal and Damler, St. Paul, Minn. Whisky.....	48,544	Jan. 2	120	319
Frankel, Regenthal and Damler, St. Paul, Minn. Whisky.....	48,545	Jan. 2	120	319
Frankel, Regenthal and Damler, St. Paul, Minn. Whisky.....	48,546	Jan. 2	120	319
Frankel, Regenthal and Damler, St. Paul, Minn. Bitters.....	50,179	Mar. 6	121	329

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Frankfield & Co., B., New York, N. Y. Sausages.....	51,464	Apr. 17	121	2314
Frankfort Distillery, Frankfort, Ky. Whisky.....	56,209	Sept. 4	124	313
Frankfort Distillery, Frankfort, Ky. Whisky.....	56,237	Sept. 4	124	314
Frankfort Distillery, Frankfort, Ky. Whisky.....	57,703	Nov. 27	125	1340
Franklin Baker Company, Philadelphia, Pa. Shredded cocoanut.....	58,605	Dec. 18	125	2357
Franklin Baker Company, Philadelphia, Pa. Shredded cocoanut.....	58,640	Dec. 18	125	2358
Franklin, Charles, San Francisco, Cal. Remedy for certain named diseases.....	58,102	Dec. 4	125	1695
Franklin County Creamery Association, St. Albans, Vt. Butter.....	55,452	Aug. 14	123	2304
Franklin Electric Mfg. Co., Hartford, Conn., and New York, N. Y. Electric lamps.....	52,622	May 15	122	1034
Franklin, Lewis W., Boston, Mass. Leather shoes.....	53,821	June 12	122	2381
Franklin, Lewis W., Boston, Mass. Leather shoes.....	54,329	June 26	122	2991
Franklin's Sons & Co., J. C., Troy, N. Y. Remedy for children's colic and cholera infantum.....	49,809	Feb. 20	120	2434
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached textile fabrics.....	55,981	Aug. 21	123	2621
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached textile fabrics.....	56,009	Aug. 21	123	2622
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached textile fabrics.....	56,010	Aug. 21	123	2622
Fraser, George H., New York, N. Y. Pulverizing machinery.....	53,515	June 5	122	2053
Fraser, George H., New York, N. Y. Pulverizing machinery.....	53,516	June 5	122	2053
Fraser-Campbell, Evan J., New York, N. Y. Taps, dies, die-plates, drills, reamers, augers, and bits.....	57,197	Nov. 6	125	344
Frazier, Robert T., Pueblo, Colo. Saddles.....	55,852	Aug. 21	123	2618
Fred F. Field Co., Brockton, Mass. Leather boots, shoes, and slippers and leather therefor.....	54,707	June 26	122	3006
Fred F. Field Company, Brockton, Mass. Leather boots, shoes, and slippers.....	49,767	Feb. 13	120	2123
Fred F. Field Company, Brockton, Mass. Leather boots and shoes.....	55,940	Aug. 21	123	2620
Fred F. Field Company, Brockton, Mass. Leather boots, shoes, and slippers.....	56,162	Aug. 28	123	2970
Fred Fear & Company, New York, N. Y. Scrubbing-soap.....	55,853	Aug. 21	123	2618
Fred. G. Clark Co., Cleveland, Ohio. Cylinder-lubricants and lubricant-stock.....	57,503	Nov. 13	125	659
Fred W. Millington Ltd., Manchester, England. Knitted shirts, drawers, vests, and pants.....	56,920	Oct. 23	124	2530
Frederick Brown Company, Philadelphia, Pa. Preparation of ginger.....	51,289	Apr. 10	121	1971
Frederick Stearns & Co., Detroit, Mich. Medicine for affections of the throat and bronchial tubes.....	53,027	May 22	122	1391
Frederick Stearns & Co., Detroit, Mich. Laxatives.....	53,076	May 22	122	1393
Frederick Stearns & Co., Detroit, Mich. Neuralgia and headache remedy.....	53,077	May 22	122	1393
Frederick Stearns & Co., Detroit, Mich. Neuralgia and headache remedy.....	53,078	May 22	122	1393
Frederick Stearns & Co., Detroit, Mich. Medicine for certain named diseases.....	53,079	May 22	122	1393
Frederick Stearns & Co., Detroit, Mich. Medicated wine.....	53,596	June 5	122	2056
Frederick Stearns & Co., Detroit, Mich. Perfumes.....	54,974	Aug. 7	123	1978
Frederick Stearns & Co., Detroit, Mich. Antiseptics.....	55,745	Aug. 21	123	2615
Frederick Stearns & Co., Detroit, Mich. Laxatives.....	58,752	Dec. 25	125	2753
Freeman Brothers, New York, N. Y. Men's and boys' stiff, soft, and straw hats.....	52,481	May 8	122	722
Freiberg, J. & A., Cincinnati, Ohio. Whisky.....	49,189	Jan. 30	120	1467
Freiberg, J. & A., Cincinnati, Ohio. Whisky.....	49,810	Feb. 20	120	2434
Freiberg, J. & A., Cincinnati, Ohio. Whisky.....	50,266	Mar. 6	121	333
Freiberg, J. & A., Cincinnati, Ohio. Whisky.....	51,527	Apr. 17	121	2317
Freiberg, J. & A., Cincinnati, Ohio. Whisky.....	51,553	Apr. 17	121	2318
Freiberg, J. & A., Cincinnati, Ohio. Gin.....	52,323	May 8	122	715
Freiberg, J. & A., Cincinnati, Ohio. Whisky.....	56,683	Oct. 16	124	2172
Freiberg & Kahn, Cincinnati, Ohio. Whisky.....	53,038	May 22	122	1391
Freiberg & Kahn, Cincinnati, Ohio. Whisky.....	53,172	May 29	122	1710
Freiberg & Kahn, Cincinnati, Ohio. Gin.....	55,286	Aug. 14	123	2299
Freiberg & Kahn, Cincinnati, Ohio. Whiskies.....	57,640	Nov. 27	125	1339
Freiberg, Meyer & Co., Cincinnati, Ohio. Whisky.....	50,371	Mar. 13	121	682
Freiberg, Meyer & Co., Cincinnati, Ohio. Whisky.....	57,641	Nov. 27	125	1339
Freiberg, Meyer & Co., Cincinnati, Ohio. Whisky.....	57,704	Nov. 27	125	1340
Freiberg, Sig. & Sol. H., Cincinnati, Ohio. Whisky.....	56,609	Oct. 9	124	1838
Freiberg, Sig. & Sol. H., Cincinnati, Ohio. Wines.....	58,031	Dec. 4	125	1693
Freiberg & Workum, Cincinnati, Ohio. Whisky.....	49,190	Jan. 30	120	1467
Freiberg & Workum, Cincinnati, Ohio. Whisky.....	53,627	June 5	122	2057
Freiberg & Workum, Cincinnati, Ohio. Whisky.....	58,481	Dec. 18	125	2354
Freiberg & Workum, Cincinnati, Ohio. Whisky.....	58,482	Dec. 18	125	2354
Freiler, Philip, Elgin, Ill. Wine.....	48,523	Jan. 2	120	318
Freiler, Philip, Elgin, Ill. Whisky.....	49,013	Jan. 23	120	1155
Freiler, Philip, Elgin, Ill. Whisky.....	50,507	Mar. 20	121	1005
Freiler, Philip, Elgin, Ill. Whisky.....	51,268	Apr. 10	121	1970
Freiler, Philip, Elgin, Ill. Whisky.....	52,644	May 15	122	1034
Freiler, Philip, Elgin, Ill. Brandy.....	53,039	May 22	122	1391
Freiler, Philip, Elgin, Ill. Whisky.....	55,175	Aug. 7	123	1984
French & Company, Factoryville, Pa. Biscuits, crackers, &c.....	48,456	Jan. 2	120	315
French Drug Company, New York, N. Y. Proprietary remedy for diseases peculiar to women.....	49,072	Jan. 23	120	1157
French & Ward, New York, N. Y., and West Stoughton, Mass. Knit goods in the piece.....	52,717	May 15	122	1040
French & Ward, New York, N. Y., and West Stoughton, Mass. Knitted cloth having a napped or fleeced face.....	55,241	Aug. 7	123	1985
French & Ward, New York, N. Y., and West Stoughton, Mass. Certain named garments.....	58,827	Dec. 25	125	2755
French, William W., Gloucester and Boston, Mass. Food for cats and kittens.....	52,776	May 15	122	1037
Frensdorf & Brown, Baltimore, Md. Whisky.....	51,611	Apr. 17	121	2320
Freystadt Straussfeder Fabrik, W., Berlin, Germany. Ostrich-leathers.....	52,975	May 22	122	1389
Frictionless Metal Company, Richmond, Va. Alloy for bearing metal.....	49,587	Feb. 13	120	2116
Frictionless Metal Company, Richmond, Va. Bearing metal.....	52,264	May 8	122	713
Frictionless Metal Company, Richmond, Va. Bearing metal.....	52,265	May 8	122	713
Frictionless Metal Company, Richmond, Va. Bearing metal.....	52,266	May 8	122	713
Frictionless Metal Company, Richmond, Va. Bearing metal.....	55,151	Aug. 7	123	1983
Friedberger-Aaron Mfg. Co., Philadelphia, Pa. Trimmings for ladies' underwear.....	51,726	Apr. 24	121	2651
Friedenwald & Co., J. H., Baltimore, Md. Whisky.....	55,176	Aug. 7	123	1984
Friedenwald & Co., J. H., Baltimore, Md. Whisky.....	58,403	Dec. 11	125	2043
Friedlaender, David, Berlin, Germany. Preparations for obviating perspiration.....	55,746	Aug. 21	123	2615
Friedlaender, David, Berlin, Germany. Preparations for obviating perspiration.....	55,747	Aug. 21	123	2615
Friedman, Keller & Co., Paducah, Ky. Whisky.....	49,191	Jan. 30	120	1467
Friedman, Keller & Co., Paducah, Ky. Whisky.....	55,287	Aug. 14	123	2299
Friedman, Keller & Co., Paducah, Ky. Whisky.....	55,288	Aug. 14	123	2299
Friend Bros. Clo. Co., Milwaukee, Wis. Overcoats and suits.....	54,102	June 19	122	2681
Frink, Byron, Detroit, Mich. Corn-flie.....	50,644	Mar. 27	121	1337
Frink, I. P., New York, N. Y. Electric and gas light reflectors.....	53,517	June 5	122	2053
Fritot, Henry P., Havana, Cuba. Lard.....	56,447	Sept. 25	124	1202
Fritts & Wihel, Chattanooga, Tenn. Tonics and specifics.....	49,192	Jan. 30	120	1467
Fritz Schulz Jun. Aktiengesellschaft, Leipsic, Germany, and Lincoln, N. J. Preparations for cleaning, polishing, and preserving.....	48,778	Jan. 16	120	891
Fritz Schulz Jun. Aktiengesellschaft, Leipsic, Germany, and Lincoln, N. J. Preparations for cleaning and polishing.....	48,779	Jan. 16	120	891

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Fritz Schulz Jun. Aktiengesellschaft, Leipsic, Germany, and Lincoln, N. J. Preparations for polishing, cleaning, and preserving leather.	48,780	Jan. 16	120	891
Fritz Schulz Jun. Aktiengesellschaft, Leipsic, Germany, and Lincoln, N. J. Stove-polish.	48,781	Jan. 16	120	891
Fritz Schulz Jun. Aktiengesellschaft, Leipsic, Germany, and Lincoln, N. J. Cleaning and polishing preparations.	48,817	Jan. 16	120	892
Fritz Thies Mercantile Co., Denver, Colo. Whisky.	53,628	June 5	122	2057
Frog in Your Throat Co., New York, N. Y. Bronchial lozenges and throat-tablets.	49,271	Jan. 30	120	1470
Frostlene Manufacturing Company, Boston, Mass. Chemical and vegetable substitute for egg-whites.	53,206	May 29	122	1711
Frostlene Manufacturing Company, Boston, Mass. Chemical and vegetable substitute for egg-whites.	54,375	June 26	122	2992
Fruhauß & Co., Max, Cincinnati, Ohio. Whisky.	53,418	June 5	122	2049
Fruit-Grower Company, St. Joseph, Mo. Printed publications.	49,781	Feb. 13	120	2123
Fruit-Grower Company, St. Joseph, Mo. Monthly magazine.	51,398	Apr. 17	121	2312
Fuehrman, Henry T. J., New York, N. Y. Solidified alcohol burning compound.	58,975	Dec. 25	125	2759
Fuger, Joseph, New York, N. Y. Bitters.	51,211	Apr. 10	121	1968
Fuller Brothers & Co., New York, N. Y. High-speed tool-steel.	50,004	Feb. 27	120	2748
Fuller, Frank, New York, N. Y. Wheat-meal, wheat, oat, and barley flour.	54,935	Aug. 7	123	1977
Fuller, James C., assignor to Vimedia Company, Kansas City, Mo. Certain named medicines.	56,538	Oct. 2	124	1518
Fulton Bag & Cotton Mills, Atlanta, Ga. Twine.	52,482	May 8	122	722
Fulton Company, Knoxville, Tenn. Heat-regulators for use on boilers, furnaces, and stoves.	53,173	May 29	122	1710
Fulton Tool Works, Canal Fulton, Ohio. Coal-miners' picks.	53,748	June 12	122	2378
Funk & Wagnalls Company, New York, N. Y. Dictionaries, atlases, and cyclopedias.	55,065	Aug. 7	123	1981
Funk & Wagnalls Company, New York, N. Y. Weekly journal.	57,075	Oct. 30	124	2898
Funk & Wagnalls Company, New York, N. Y. Weekly journal.	58,722	Dec. 25	125	2752
Funke, Albert H., New York, N. Y. Acetylene lamps and generators.	50,572	Mar. 20	121	1008
Funke, Albert H., New York, N. Y. Horns for motor-vehicles.	52,298	May 8	122	714
Funke, Albert H., New York, N. Y. Acetylene-lamps and generators therefor for motor-vehicles.	53,270	May 29	122	1714
G. Kammermann & Co. Schweizerische Trockenmilchgesellschaft, Glockenthal, Switzerland. Dry milk and dry-milk products in powder form.	54,708	June 26	122	3006
G. B. Farrington Co., New York, N. Y. Coffee.	49,062	Jan. 23	120	1157
G. B. Farrington Company, New York, N. Y. Coffee.	49,082	Jan. 23	120	1157
G. B. Farrington Company, New York, N. Y. Coffee.	54,895	July 31	123	1660
G. B. Farrington Company, New York, N. Y. Coffee.	54,896	July 31	123	1660
G. B. Farrington Company, New York, N. Y. Coffee.	54,897	July 31	123	1660
G. B. Farrington Company, New York, N. Y. Coffee.	54,898	July 31	123	1660
G. B. Farrington Company, New York, N. Y. Coffee.	54,899	July 31	123	1660
G. B. Farrington Company, New York, N. Y. Coffee.	58,130	Dec. 4	125	1695
G. C. Hanford Manufacturing Co., Syracuse, N. Y. Remedy for certain named diseases.	51,073	Apr. 3	121	1668
G. & C. Merriam Company, Springfield, Mass. Dictionaries.	50,645	Mar. 27	121	1337
G. & C. Merriam Company, Springfield, Mass. Dictionaries.	50,646	Mar. 27	121	1337
G. & H. Barnett Company, Philadelphia, Pa. Files and rasps.	49,472	Feb. 6	120	1817
G. & H. Barnett Company, Philadelphia, Pa. Files and rasps.	54,872	July 31	123	1659
G. & H. Barnett Company, Philadelphia, Pa. Files and rasps.	54,873	July 31	123	1659
G. W. Chase & Son Mercantile Co., St. Joseph, Mo. Tobacco and tobacco products.	49,374	Feb. 6	120	1813
G. W. Chase & Son Mercantile Co., St. Joseph, Mo. Cigars in boxes.	55,453	Aug. 14	123	2304
Gabarró y Castelló, Alejo, Igualada, Spain. Playing-cards.	53,437	June 5	122	2049
Gabler, Emil E., New York, N. Y. Pianos.	49,652	Feb. 13	120	2118
Gabriel Horn Mfg. Co., Cleveland, Ohio. Automobile-horns.	51,032	Apr. 3	121	1666
Gabriel & Schall, New York, N. Y. Asphalt mastic.	49,014	Jan. 23	120	1155
Gabriel & Schall, New York, N. Y. Asphalt mastic.	54,005	June 19	122	2677
Gage Brothers & Company, Chicago, Ill. Hats.	50,508	Mar. 20	121	1005
Galena Axle Grease Co., Galena, Ill. Cup-grease and lubricating-oils.	51,465	Apr. 17	121	2314
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oils.	49,274	Jan. 30	120	1470
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oils.	50,900	Apr. 3	121	1661
Gallagher, Charles J., Philadelphia, Pa. Whisky.	51,583	Apr. 17	121	2319
Galt & Co., W. M., Washington, D. C. Patent-process wheat-flour.	58,185	Dec. 11	125	2037
Gamewell Fire Alarm Telegraph Company, New York, N. Y. Apparatus for fire-alarm and police signal telegraphing.	55,117	Aug. 7	123	1982
Gandy, Katherine, New York, N. Y. Women's bonnets, hats, and head-dresses.	52,826	May 22	122	1383
Gansert, William L., Rock Island, Ill. Chocolates.	50,413	Mar. 13	121	684
Gantt, James T., Macon, Ga. Cotton-planters, guano-distributors, grain and fertilizer drills.	55,536	Aug. 14	123	2306
Gardner & Percy Company, New York, N. Y. Artificial turpentine.	58,483	Dec. 18	125	2354
Gardner & Gould, Burlington, Iowa. Candies.	58,885	Dec. 25	125	2756
Gardner Governor Company, Quincy, Ill. Governors for pressure-fluid engines.	57,939	Dec. 4	125	1690
Gardner Publishing Company, Cleveland, Ohio. Monthly periodical.	51,865	Apr. 24	121	2656
Garfield Tea Co., New York, N. Y. Plasters and certain named medicines.	58,856	Dec. 25	125	2756
Gargiulo & Co., P., New York, N. Y. Wines.	53,040	May 22	122	1391
Garlock Packing Co., Palmyra, N. Y. Piston-rod and valve packing.	54,202	June 19	122	2685
Garlock Packing Co., Palmyra, N. Y. Steam and water packing.	57,940	Dec. 4	125	1690
Garnier, A., Enghien-les-Bains, France. Cordials.	57,214	Nov. 6	125	344
Garrels, William L., St. Louis, Mo. Milling-cutters, saws, drills, reamers, punches, dies, and taps.	57,108	Nov. 6	125	341
Garrels, William L., St. Louis, Mo. Milling-cutters, saws, drills, reamers, punches, dies, and taps.	57,109	Nov. 6	125	341
Garrett-Williams Company, Baltimore, Md. Whisky.	58,076	Dec. 4	125	1694
Garrettson & Co., F. P., Newport, R. I., and New York, N. Y. Hams.	51,130	Apr. 3	121	1670
Garrettson & Co., F. P., Newport, R. I., and New York, N. Y. Tea.	53,482	June 5	122	2051
Garrettson & Co., F. P., Newport, R. I., and New York, N. Y. Laundry soap.	53,483	June 5	122	2051
Garrettson & Co., F. P., Newport, R. I., and New York, N. Y. Tea.	55,177	Aug. 7	123	1984
Garrettson & Co., F. P., Newport, R. I., and New York, N. Y. Coffee.	55,178	Aug. 7	123	1904
Garrison, Alice V., Reedville, Va. Rheumatism cure.	55,681	Aug. 21	123	2613
Gary, Presley, Tiptonville, Tenn. Ointment.	53,080	May 22	122	1393
Gas Power Publishing Co., St. Joseph, Mich. Monthly magazines.	51,928	Apr. 24	121	2659
Gavitt Medical Co., W. W., Topeka, Kans. Certain named medicine.	51,253	Apr. 10	121	1970
Geary Milling & Elevator Company, Geary, Okla. Ter. Wheat-flour.	52,951	May 22	122	1388
Gebauer, Max, New York, N. Y. Remedies for certain named diseases.	52,418	May 8	122	719
Gebhardt Chili Powder Co., San Antonio, Tex. Sauce.	56,826	Oct. 23	124	2527
Gebhart, J. W., Spokane, Wash. Clear Havana cigars.	56,210	Sept. 4	124	313
Geety, Wallace G., New York, N. Y. Hair remedy.	48,924	Jan. 16	120	896
Geisler, Max, Omaha, Nebr. Song-birds.	50,853	Apr. 3	121	1659
Gelbtrunk, Isidoro, New York, N. Y. Cotton piece goods.	52,093	May 1	122	342
Geller, Ward & Hasner Hdw. Co., St. Louis, Mo. Certain named cutlery and edge-tools.	58,227	Dec. 11	125	2038
Gem City Stove Co., Dayton, Ohio. Stoves and ranges.	49,356	Jan. 30	120	1474
Gem City Stove Co., Dayton, Ohio. Gas-stoves.	53,122	May 29	122	1708
Gen. City Stove Manufacturing Co., Quincy, Ill. Heating-stoves and cooking-stoves.	53,658	June 12	122	2375
Gendron Wheel Co., Toledo, Ohio. Certain named vehicles.	54,103	June 19	122	2681

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
General Automobile Supply Company, New York, N. Y. Automobile oil-lamps.....	55,328	Aug. 14	123	2301
General Electric Company, Schenectady, N. Y. Incandescent electric lamps.....	57,110	Nov. 6	125	311
General Electric Company, Schenectady, N. Y. Lightning-arresters.....	57,750	Nov. 27	125	1342
General Electric Company, Schenectady, N. Y. Incandescent electric lamps.....	57,751	Nov. 27	125	1342
General Electric Company, Schenectady, N. Y. Incandescent electric lamps.....	57,804	Nov. 27	125	1343
General Electric Company, Schenectady, N. Y. Incandescent electric lamps.....	57,805	Nov. 27	125	1343
General Electric Company, Schenectady, N. Y. Incandescent electric lamps.....	58,521	Dec. 18	125	2355
General Electric Company, Schenectady, N. Y. Incandescent electric lamps.....	58,522	Dec. 18	125	2355
General Safety Mantle Light Co., New York, N. Y. Burning fluids for use in lamps.....	52,299	May 8	122	714
General Safety Mantle Light Co., New York, assignor to M. Rushmore, trustee, Brooklyn, N. Y. Carbureting-lamps.....	54,766	July 3	123	317
General Specialty Company, Philadelphia, Pa. Tack and nail pullers.....	49,594	Feb. 13	120	2116
General Specialty Company, Philadelphia, Pa. Paper-fasteners.....	50,325	Mar. 13	121	681
General Specialty Company, Philadelphia, Pa. Locks.....	51,554	Apr. 17	121	2318
Gennerich & Von Bremen, New York, N. Y. Canned fruits.....	51,026	Apr. 3	121	1666
Gennerich & Von Bremen, New York, N. Y. Pure olive-oil.....	51,835	Apr. 24	121	2655
Gennerich & Von Bremen, New York, N. Y. Canned fish.....	52,199	May 1	122	346
Gennerich & Von Bremen, New York, N. Y. Dried fruits.....	52,200	May 1	122	346
Gennerich & Von Bremen, New York, N. Y. Canned or bottled vegetables.....	52,201	May 1	122	346
Gennerich & Von Bremen, New York, N. Y. Spices.....	52,976	May 22	122	1389
Gennerich & Von Bremen, New York, N. Y. Macaroni and spaghetti.....	54,549	June 26	122	3000
Geo. A. Newman Co., Louisville, Ky. Nerve and nutritive tonic.....	51,234	Apr. 10	121	1969
Geo. A. Schmidt Co., Chicago, Ill. Toilet soap.....	53,341	May 29	122	1717
Geo. A. Schmidt Co., Chicago, Ill. Liquid, semiliquid, granular, and cake soap for toilet use.....	53,976	June 19	122	2676
Geo. A. Young Co., Portland, Me. Lamp-chimneys.....	57,504	Nov. 13	125	659
Geo. A. Young Co., Portland, Me. Tea.....	57,589	Nov. 13	125	662
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	51,643	Apr. 17	121	2321
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	51,644	Apr. 17	121	2321
Geo. Benz & Sons, St. Paul, Minn. Bitters.....	51,836	Apr. 24	121	2655
Geo. Benz & Sons, St. Paul, Minn. Brandy.....	51,837	Apr. 24	121	2655
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	51,929	Apr. 24	121	2659
Geo. Benz & Sons, St. Paul, Minn. Wine.....	53,914	June 12	122	2385
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	56,868	Oct. 23	124	2528
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	58,339	Dec. 11	125	2041
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	58,857	Dec. 25	125	2756
Geo. Borgfeldt & Co., New York, N. Y. Magic lanterns.....	56,040	Aug. 21	123	2623
Geo. C. Mansfield Co., Johnson Creek, Wis. Butter.....	58,641	Dec. 18	125	2358
Geo. D. Wetherill & Co., Inc., Philadelphia, Pa. Liquid paint.....	51,888	Apr. 24	121	2657
Geo. D. Witt Shoe Co., Lynchburg, Va. Leather boots and shoes.....	48,477	Jan. 2	120	316
Geo. D. Witt Shoe Co., Lynchburg, Va. Leather boots and shoes.....	53,218	May 29	122	1712
Geo. D. Witt Shoe Co., Lynchburg, Va. Leather boots and shoes.....	53,419	June 5	122	2049
Geo. E. Keith Company, Brockton, Mass. Shoe-dressing.....	48,478	Jan. 2	120	316
Geo. E. Keith Company, Brockton, Mass. Leather and canvas boots and shoes.....	49,811	Feb. 20	120	2434
Geo. E. Keith Company, Brockton, Mass. Leather and canvas boots and shoes.....	51,496	Apr. 17	121	2316
Geo. E. Keith Company, Brockton, Mass. Leather boots and shoes.....	52,267	May 8	122	713
Geo. E. Keith Company, Brockton, Mass. Shoe-dressing.....	53,001	May 22	122	1390
Geo. E. Keith Company, Brockton, Mass. Leather and canvas boots and shoes.....	55,152	Aug. 7	123	1983
Geo. E. Keith Company, Brockton, Mass. Leather boots and shoes.....	56,412	Sept. 25	124	1201
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,377	Aug. 14	123	2302
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,378	Aug. 14	123	2302
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,423	Aug. 14	123	2303
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,424	Aug. 14	123	2303
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,425	Aug. 14	123	2303
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,426	Aug. 14	123	2303
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,427	Aug. 14	123	2303
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	55,428	Aug. 14	123	2303
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	58,301	Dec. 11	125	2140
Geo. F. Eberhard Company, San Francisco, Cal. Disinfectants, antiseptics, and germicides.....	52,453	May 8	122	721
Geo. G. Snow Co., Brockton, Mass. Leather boots, shoes, and slippers.....	54,075	June 19	122	2680
Geo. H. Goodman Company, Paducah, Ky. Whisky.....	49,521	Feb. 6	120	1819
Geo. H. West Shoe Co., Inc., Philadelphia, Pa. Leather boots and shoes.....	57,452	Nov. 13	125	658
Geo. N. Lowrey Co., New York, N. Y. Periodical magazines.....	58,234	Dec. 11	125	2039
Geo. W. Lord Co., Philadelphia, Pa. Boiler compound.....	49,073	Jan. 23	120	1157
George A. Hormel & Co., Austin, Minn. Cured meats.....	48,457	Jan. 2	120	315
George Adams and Sons, Limited, Wolverhampton, England. Sheets of iron and steel.....	58,186	Dec. 11	125	2037
George Bieler Sons Company, Cincinnati, Ohio. Whisky.....	53,880	June 12	122	2383
George Blome & Son Co., Baltimore, Md. Candy.....	55,066	Aug. 7	123	1981
George F. Hewett Co., Worcester, Mass. Cocktails.....	50,171	Mar. 6	121	329
George F. Hewett Co., Worcester, Mass. Ginger-ale.....	50,267	Mar. 6	121	333
George F. Hewett Co., Worcester, Mass. Ale.....	58,279	Dec. 11	125	2040
George F. Hewett Co., Worcester, Mass. Whisky.....	58,340	Dec. 11	125	2041
George F. Hewett Co., Worcester, Mass. Punch.....	58,484	Dec. 18	125	2354
George Frost Company, Boston, Mass. Hose-supporters.....	53,174	May 29	122	1710
George G. Fox Company, Boston, Mass. Bread, cake, pastry, and crackers.....	55,941	Aug. 21	123	2620
George G. London Manufacturing Company, Lynn, Mass. Instep-supporter or arch-prop.....	50,564	Mar. 20	121	1008
George La Monte & Son, New York, N. Y. Writing and printing paper.....	57,559	Nov. 13	125	661
George La Monte & Son, New York, N. Y. Writing and printing paper.....	58,674	Dec. 25	125	2751
George La Monte & Son, New York, N. Y. Writing and printing paper.....	58,675	Dec. 25	125	2751
George Lueders & Co., New York, N. Y. Oil of orange, oil of bergamot, and oil of lemon.....	54,276	June 26	122	2989
George Martin Leather Co., Milwaukee, Wis. Calfskin.....	53,783	June 12	122	2380
George Wostenholm and Son, Limited, Sheffield, England. Certain named cutlery.....	53,722	June 12	122	2377
George Wostenholm & Son, Limited, Sheffield, England, and New York, N. Y. Razors.....	55,379	Aug. 14	123	2302
George Wostenholm & Son, Limited, Sheffield, England, and New York, N. Y. Certain named cutlery.....	56,558	Oct. 9	124	1837
George Ziegler Co., Milwaukee, Wis. Certain candies.....	50,441	Mar. 20	121	1003
Georgetown Chemical Works, Georgetown, S. C. Spirits of turpentine.....	54,428	June 26	122	2905
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	53,696	June 12	122	2376
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	53,697	June 12	122	2376
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	53,698	June 12	122	2376
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	54,057	June 19	122	2679
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	54,411	June 26	122	2994
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	54,412	June 26	122	2994
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	55,454	Aug. 14	123	2304
Georgia Chemical Works, Augusta, Ga. Fertilizers.....	55,927	Aug. 21	123	2619
Georgia Chemical Works, Augusta, Ga. Fertilizer.....	57,832	Nov. 27	125	1344
Gerhard Mennen Chemical Co., Newark, N. J. Toilet powder.....	56,517	Oct. 2	124	1518

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette	
			Vol.	Page.
Gerhard Mennen Chemical Co., Newark, N. J. Toilet powder.....	58,859	Dec. 25	125	2756
Gerhard, Philip H., Austin, Tex. Wood-preserving compounds.....	51,987	May 1	122	338
German-American Portland Cement Works, Lasalle, Ill. Portland cement.....	49,015	Jan. 23	120	1155
Germania Wine Cellars, Hammondsport, N. Y. Champagne.....	58,341	Dec. 11	125	2041
Germer, William, Chicago, Ill. Pianos and organs.....	58,302	Dec. 11	125	2040
Gerstel & Co., E. M., Chicago, Ill. Whisky.....	56,238	Sept. 4	124	314
Gerstendorfer Bros., New York, N. Y. Certain named paints, enamels, and bronzing liquids.....	49,856	Feb. 20	120	2435
Gerstendorfer Bros., New York, N. Y. Paints and enamels.....	50,005	Feb. 27	120	2748
Gerstendorfer Bros., New York, N. Y. Oil and varnish paints, enamels, varnishes, and wood-stains.....	51,988	May 1	122	338
Gerstendorfer Bros., New York, N. Y. Metallic water-colors.....	52,441	May 8	122	720
Gerstendorfer Bros., New York, N. Y. Certain named painters' supplies.....	52,847	May 22	122	1384
Gerstle Medicine Co., Chattanooga, Tenn. Remedy for the diseases of women.....	48,852	Jan. 16	120	894
Gerstle Medicine Co., Chattanooga, Tenn. Medical preparation of sarsaparilla.....	48,925	Jan. 16	120	896
Gerstle Medicine Co., Chattanooga, Tenn. Remedy for certain named diseases.....	53,547	June 5	122	2054
Gerstle Medicine Co., Chattanooga, Tenn. Certain named medicinal preparations.....	58,404	Dec. 11	125	2043
Geuder & Paeschke Manufacturing Company, Milwaukee, Wis. Certain named metal ware.....	58,976	Dec. 25	125	2759
Gibbens & Stream, New Orleans, La. Rubber packing.....	53,142	May 29	122	1709
Gibbs, John W., New York, N. Y. Devices for use in applying electricity.....	50,326	Mar. 13	121	681
Gibbs Preserving Company of Baltimore City, Baltimore, Md. Canned fruits and vegetables.....	50,442	Mar. 20	121	1003
Gibbs Preserving Company of Baltimore City, Baltimore, Md. Canned oysters.....	52,202	May 1	122	346
Gibbs Preserving Company of Baltimore City, Baltimore, Md. Canned oysters.....	54,167	June 19	122	2683
Gibford, Edward B., Adrian, Mich. Razor-strops.....	51,442	Apr. 17	121	2313
Gilbert & Bennett Manufacturing Company, Georgetown, Conn. Door and window screen wire-cloth.....	52,203	May 1	122	346
Gilbert Manufacturing Company, New York, N. Y. Cotton piece goods.....	50,544	Mar. 20	121	1007
Gilbert Manufacturing Company, New York, N. Y. Cotton piece goods with a moiré finish.....	53,098	May 29	122	1707
Gilbert, Son & Co., Murray, Ky. Plug chewing-tobacco.....	50,680	Mar. 27	121	1339
Gilbert, Son & Co., Murray, Ky. Smoking and chewing tobacco.....	52,419	May 8	122	719
Gill Brothers Company, Steubenville, Ohio. Glass chimneys, lantern-globes, and reflectors.....	54,845	July 31	123	1659
Gill Brothers Company, Steubenville, Ohio. Glass chimneys, lantern-globes, and reflectors.....	55,204	Aug. 7	123	1984
Gill, John A., Philadelphia, Pa. Whisky.....	51,131	Apr. 3	121	1671
Gilleau, Joseph R., New York, N. Y. Hats.....	51,584	Apr. 17	121	2319
Gillespie Bros. & Co., New York, N. Y. Lard.....	48,620	Jan. 9	120	647
Gillert Safety Razor Co., Boston, Mass. Razors and razor-blades.....	56,921	Oct. 23	124	2530
Gilliam, John, New York, N. Y. Canned lobsters.....	52,569	May 15	122	1032
Gilliams & Co., L., Philadelphia, Pa. Whisky.....	51,697	Apr. 24	121	2650
Gilliams, Jones & Co., Philadelphia, Pa. Rye whisky.....	50,509	Mar. 20	121	1005
Gilliams, Jones & Co., Philadelphia, Pa. Rye whisky.....	51,185	Apr. 10	121	1967
Gilliams, Jones & Co., Philadelphia, Pa. Rye whisky.....	56,366	Sept. 18	124	901
Gilliams, Jones & Co., Philadelphia, Pa. Rye whisky.....	56,367	Sept. 18	124	901
Gillon & Co., John, Leith, Scotland. Scotch whisky.....	57,276	Nov. 13	125	653
Gilmaker Bros., San Francisco, Cal. Leather shoes.....	53,805	June 12	122	2381
Gilpin, Langdon & Company, Incorporated, Baltimore, Md. Insect-powder.....	52,420	May 8	122	719
Gilpin, Langdon & Company, Incorporated, Baltimore, Md. Vermifuge.....	55,607	Aug. 21	123	2611
Gin-Seng-Gin Company, Cincinnati, Ohio. Liquid medicine for organic and nervous diseases.....	50,930	Apr. 3	121	1662
Ginn Company, Ironton, Ohio. Coal, coke, and charcoal.....	49,309	Jan. 30	120	1472
Ginter Grocery Co., Boston, Mass. Candy kisses.....	55,380	Aug. 14	123	2302
Ginter Grocery Co., Boston, Mass. Candy kisses.....	55,817	Aug. 21	123	2617
Ginter Grocery Co., Boston, Mass. Chocolates.....	57,705	Nov. 27	125	1340
Ginter Grocery Company, Boston, Mass. Champagne.....	49,737	Feb. 13	120	2122
Ginter Grocery Company, Boston, Mass. Whisky.....	49,800	Feb. 20	120	2433
Ginter Grocery Company, Boston, Mass. Whisky.....	51,698	Apr. 24	121	2650
Ginter Grocery Company, Boston, Mass. Punch.....	51,790	Apr. 24	121	2653
Ginter Grocery Company, Boston, Mass. Gin.....	53,175	May 29	122	1710
Ginter Grocery Company, Boston, Mass. Gin.....	53,176	May 29	122	1710
Girard Company, Incorporated, Philadelphia, Pa. Alkaline antiseptic and germicide.....	50,719	Mar. 27	121	1340
Gisholt Machine Company, Madison, Wis. Certain named machinery.....	56,496	Oct. 2	124	1517
Glahn & Son, Henry von, Brooklyn, N. Y. Canned tomatoes.....	58,209	Dec. 11	125	2038
Glasner & Barzen Distilling & Importing Co., Kansas City, Mo. Whisky.....	49,193	Jan. 30	120	1467
Glasner & Barzen Distilling & Importing Co., Kansas City, Mo. Whisky.....	49,522	Feb. 6	120	1819
Glasner & Barzen Distilling & Importing Co., Kansas City, Mo. Whisky.....	50,647	Mar. 27	121	1337
Glassup, Frederick, assignor to J. Gow & Company, New York, N. Y. Whisky.....	52,204	May 1	122	346
Glastonbury Knitting Company, Addison, Conn. Knitted underwear.....	49,768	Feb. 13	120	2123
Glaub, Rose, Crittenden, Ky. Toilet wash for the skin.....	50,720	Mar. 27	121	1340
Glencoe Lime & Cement Company, St. Louis, Mo. Plaster.....	52,324	May 8	122	715
Glens Falls Portland Cement Co., Glens Falls, N. Y. Portland cement.....	50,862	Apr. 3	121	1659
Glens Falls Portland Cement Co., Glens Falls, N. Y. Portland cement.....	51,235	Apr. 10	121	1969
Glessner Medicine Co., Findlay, Ohio. Remedy for throat affections.....	50,020	Feb. 27	120	2748
Glidden Hyde & Co., Boston, Mass. Stockings.....	56,983	Oct. 30	124	2896
Glidden Hyde & Co., Boston, Mass. Stockings.....	56,984	Oct. 30	124	2896
Glidden Hyde & Co., Boston, Mass. Stockings.....	56,985	Oct. 30	124	2896
Glidden Varnish Company, Cleveland, Ohio. First coat or substitute for shellac.....	49,884	Feb. 20	120	2436
Glidden Varnish Company, Cleveland, Ohio. Varnishes and varnish-stains.....	51,889	Apr. 24	121	2657
Glidden Varnish Company, Cleveland, Ohio. Varnish.....	52,094	May 1	122	342
Globe Optical Co., Boston, Mass. Eyeglasses, spectacles, opera and field glasses, and parts thereof.....	55,455	Aug. 14	123	2304
Globe Overall Co., Cincinnati, Ohio. Overalls.....	52,884	May 22	122	1385
Globe Ventilator Company, Troy, N. Y. Ventilators, chimney-cowls and ventilating-caps, and ridging.....	49,949	Feb. 27	120	2745
Gloversville Knitting Co., Gloversville, N. Y. Knitted covers for hot-water bottles.....	50,590	Mar. 27	121	1335
Goetz and Co., Brooklyn, N. Y. Pianos.....	54,076	June 19	122	2680
Goetz Silk Manufacturing Company, Holyoke, Mass. Silk linings and dress-silks.....	52,718	May 15	122	1037
Gohmann Bros. & Kahler Co., New Albany, Ind. Stoves, ranges, and furnaces and castings therefor.....	50,875	Apr. 3	121	1659
Gold, Sigmond N., New York, N. Y. Metal-polish.....	55,928	Aug. 21	123	2620
Gold Spirit Chemical Co., South Bend, Ind. Antiseptic and germicide preparations.....	51,555	Apr. 17	121	2318
Goldbarth, Max, Charleston, W. Va. Whisky.....	56,658	Oct. 16	124	2171
Golden and Company, Washington, D. C. Hams, shoulders, and bacon.....	53,177	May 29	122	1710
Golden and Company, Washington, D. C. Lard.....	54,510	June 26	122	2998
Golden Eagle Tea Co. Inc., Wilmington, Del. Wheat-flour.....	54,203	June 19	122	2685
Golden Rule Company, Boston, Mass. Magazines.....	55,381	Aug. 14	123	2302
Goldman, Benjamin T., St. Paul, Minn. Hair-restorers.....	50,573	Mar. 20	121	1008
Goldman & Co., M., New York, N. Y., and Cleveland, Ohio. Skirts.....	50,783	Mar. 27	121	1343
Goldman & Co., M., New York, N. Y., and Cleveland, Ohio. Women's, misses', and children's outer skirts.....	52,396	May 8	122	718
Goldman, Mary T., St. Paul, Minn. Tonics.....	52,138	May 1	122	344
Goldoft, Isaac, El Paso, Tex. Wine.....	54,616	June 26	122	3002
Goldsberry, Edgar, La Fayette, Ind. Leather boots and shoes.....	50,611	Mar. 27	121	1336

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Goldschmidt & Co., New York, N. Y. Ladies' shirt-waists and shirt-waist suits.	57,111	Nov. 6	125	341
Goldsmith, Edwin M., Philadelphia, Pa. Men's coats and trousers.	52,570	May 15	122	1032
Goldsmith, Joseph, Feiss Co., Cleveland, Ohio. Coats, vests, trousers, and overcoats.	49,885	Feb. 20	120	2436
Goldsmith's Sons, P., Cincinnati, Ohio. Gloves for athletic sports.	52,483	May 8	122	722
Gollings, Ellick H., Chicago, Ill. Laundry soap.	53,310	May 29	122	1715
Gomprecht Sausage Company, New York, N. Y. Chopped meats in the form of sausages.	58,581	Dec. 18	125	2357
Good, Milton D., assignor to U-tah-na Co., Kansas City, Mo. Inhalers and respirators.	50,372	Mar. 13	121	683
Good Samaritan Ointment Company, Camden, N. J. Ointment.	55,682	Aug. 21	123	2613
Goodall, Perkins & Co., San Francisco, Cal. Blasting-fuses.	53,597	June 5	122	2056
Gooderham & Worts Limited, Toronto, Ontario, Canada. Whisky.	56,368	Sept. 18	124	901
Goodhart-Hartman Co., Chicago, Ill. Whisky.	55,289	Aug. 14	123	2299
Goodhue, Wells, Chicago, Ill. Monthly publication.	51,290	Apr. 10	121	1971
Goodkind Bros., Helena, Mont. Whisky.	48,578	Jan. 2	120	320
Goodlander Milling Company, Fort Scott, Kans. Wheat-flour.	52,139	May 1	122	344
Goodman Bros., Memphis, Tenn. Whisky.	54,767	July 3	123	317
Goodrich Drug Co., Omaha, Nebr. Liquid medicine.	53,582	June 5	122	2055
Goodrich & Jennings, Anoka, Minn. Liniment.	53,245	May 29	122	1713
Goodwin Durrell Co., Boston, Mass. Sleeping-garments.	54,330	June 26	122	2991
Goodyear Rubber Company, New York, N. Y. Rubber boots and rubber shoes.	54,709	June 26	122	3006
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,698	Oct. 16	124	2172
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,752	Oct. 16	124	2174
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,753	Oct. 16	124	2174
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,754	Oct. 16	124	2174
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,755	Oct. 16	124	2174
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,756	Oct. 16	124	2174
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	56,941	Oct. 23	124	2530
Goodyear Tire and Rubber Company, Akron, Ohio. Certain named rubber goods.	57,590	Nov. 13	125	662
Gordley, M. M., Mount Olivet, Ky. Veterinary liniments.	55,608	Aug. 21	123	2611
Gordon Brothers, Philadelphia, Pa. Haircloth.	56,041	Aug. 21	123	2623
Gordon & Ferguson, St. Paul, Minn. Hats and caps.	58,582	Dec. 18	125	2357
Gordon & Ferguson, St. Paul, Minn. Gloves made wholly or partly of leather.	58,920	Dec. 25	125	2757
Gordon Manufacturing Company, New Rochelle, N. Y. Suspenders for trousers.	51,027	Apr. 3	121	1666
Gordon Manufacturing Company, New Rochelle, N. Y. Suspenders.	55,609	Aug. 21	123	2611
Gordon, William C., Wheeling, W. Va. Insecticide.	57,858	Nov. 27	125	1345
Gore Lace Shoe Co., Haverhill, Mass. Leather boots and shoes.	57,365	Nov. 13	125	656
Gorham Mfg. Co., Providence, R. I. Silver-polish in liquid, powder, or paste form.	52,661	May 15	122	1035
Gorham Mfg. Co., Providence, R. I. Leather purses and hand-bags.	54,036	June 19	122	2678
Gorham Mfg. Co., Providence, R. I. Umbrellas and parasols.	54,077	June 19	122	2680
Gorham Mfg. Co., Providence, R. I. Plated silverware.	54,331	June 26	122	2991
Gorham Mfg. Co., Providence, R. I. Leather writing sets, writing-pads, and leather-bound blotting-pads.	54,597	June 26	122	3002
Gorham Mfg. Co., Providence, R. I. Sterling and solid silver hollow ware, flat ware, and tableware.	54,763	June 26	122	3008
Gorham Rubber Company, San Francisco, Cal. Rubber belting.	52,068	May 1	122	341
Gorham Rubber Company, San Francisco, Cal. Rubber packing.	52,268	May 8	122	713
Gorham Rubber Company, San Francisco, Cal. Rubber hose.	54,550	June 26	122	3000
Goss, Daniel S., Rutherford, N. J. Breads, rolls, cakes, and pies.	55,265	Aug. 14	123	2299
Goss Printing Press Company, Chicago, Ill. Web-perfecting printing-machines.	49,310	Jan. 30	120	1472
Gottfried Brewing Company, Chicago, Ill. Beer.	48,497	Jan. 2	120	317
Gottschalk Co., Baltimore, Md. Whisky.	52,677	May 15	122	1036
Gottschalk Co., Baltimore, Md. Whisky.	55,266	Aug. 14	123	2299
Gottstein, M. & K., Seattle, Wash. Whisky.	57,706	Nov. 27	125	1340
Gould Coupler Co., New York, N. Y. Car-couplings, car-buffers, and draft-gears and parts thereof.	50,443	Mar. 20	121	1003
Gousset, Cyprien, New York, N. Y. Chocolate creams.	49,709	Feb. 13	120	2121
Govatos, John, Wilmington, Del. Candies of all kinds, including chocolate candies.	56,319	Sept. 11	124	619
Gow & Company, John. (See Glassup, Frederick, assignor.)				
Gowan Medical Co., Durham, N. C. Remedy for pneumonia.	54,617	June 26	122	3002
Goyer Alliance Refining Company, Memphis, Tenn. Stock-food.	51,466	Apr. 17	121	2315
Graaff & Co. G. m. b. H., Berlin, Germany. Chemical fire-extinguishers.	51,645	Apr. 17	121	2321
Graef, A., New York, N. Y. Razors.	53,123	May 29	122	1708
Graef, A., New York, N. Y. Razors.	53,723	June 12	122	2377
Graef & Schmidt, New York, N. Y. Shears and scissors.	48,458	Jan. 2	120	315
Graef & Schmidt, New York, N. Y. Pocket-knives.	52,752	May 15	122	1039
Graf & Comp., Dr., Schöneberg, near Berlin, Germany. Vegetable extracts containing caffeine, theine, and cafeeo-tannic acid.	55,982	Aug. 21	123	2621
Graf, Robert R., Baltimore, Md. Platinum.	55,118	Aug. 7	123	1982
Graff Furnace Co., New York, N. Y. Furnaces.	58,485	Dec. 18	125	2354
Grafton, Edwin W., Washington, D. C. Roof-paints.	54,066	June 19	122	2677
Graham Bros. & Co., Chicago, Ill. Skin-foods and complexion creams and ointments.	53,041	May 22	122	1391
Graham, Gervaise, Chicago, Ill. Toilet cerate.	58,828	Dec. 25	125	2755
Graham & Goodman Incorporated, New York, N. Y. Shock-absorber, (spring-governor).	58,214	Dec. 11	125	2038
Gramm, Benjamin A., Chillicothe, Ohio. Automobiles and motor-cars.	49,234	Jan. 30	120	1469
Gramm, Benjamin A., Chillicothe, Ohio. Automobiles.	57,993	Dec. 4	125	1692
Grand Rapids Brush Co., Grand Rapids, Mich. Certain named brushes.	54,204	June 19	122	2685
Grand Union Tea Co., Brooklyn, N. Y. Laundry and toilet soap.	52,300	May 8	122	714
Grand Union Tea Co., Brooklyn, N. Y. Baking-powder.	52,325	May 8	122	715
Grant, George S., Inveraven, Scotland. Pure malt Scotch whisky.	53,002	May 22	122	1390
Grant's System Tonic Co., San Francisco, Cal. Remedy for certain named diseases.	56,659	Oct. 16	124	2171
Grape Products Co., Detroit, Mich. Grape-juice.	55,205	Aug. 7	123	1984
Graton and Knight Manufacturing Company, Worcester, Mass. Leather belting.	49,546	Feb. 6	120	1820
Graves & Sons, C. H., Boston, Mass. Gin.	48,579	Jan. 2	120	320
Graves & Sons, C. H., Boston, Mass. Alcohol.	49,857	Feb. 20	120	2435
Graves & Sons, C. H., Boston, Mass. Alcoholic punch.	51,236	Apr. 10	121	1969
Graves & Sons, C. H., Boston, Mass. Whisky.	53,400	June 5	122	2048
Gravity Controller Company, Boston, Mass. Automatic boiler-feeders.	57,453	Nov. 13	125	658
Gray, Fred L., Montpelier, Vt. Cough cure.	54,598	June 26	122	3002
Gray, William H., Anderson, Ind. Pile remedies.	57,143	Nov. 6	125	342
Graziano & Co., S., New York, N. Y. Leather polish and dressing.	57,591	Nov. 13	125	662
Green, Alexandre M., New York, N. Y. Skirt-distenders.	51,170	Apr. 3	121	1672
Great American Automatic Vending Machine Company, Hoboken, N. J. Chocolate and all kinds of candy.	51,838	Apr. 24	121	2655
Great American Automatic Vending Machine Company, Hoboken, N. J. Chewing-gum.	58,187	Dec. 11	125	2037
Great Western Canning Co., Delphi, Ind. Canned corn and hominy.	57,038	Oct. 30	124	2897
Great Western Cereal Co., Chicago, Ill. Crushed oats.	51,059	Apr. 3	121	1667
Great Western Cereal Co., Chicago, Ill. Compressed rolled oats.	57,732	Nov. 27	125	1341
Great Western Manufacturing Company, Laporte, Ind. Bicycle crank-hangers.	57,964	Dec. 4	125	1691

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Greeder Manufacturing Company, Cincinnati, Ohio. Polishing-pad for flat-irons.	52,678	May 15	122	1036
Green, Albert W., deceased; E. M. Green, St. Louis, Mo., executor. Cotton sheetings.	53,629	June 5	122	2057
Green, David, Kansas City, Mo. Whisky.	50,510	Mar. 20	121	1006
Green, Edwin M., executor. (See Green, Albert W.)				
Green Green & Co., Dayton, Ohio. Crackers and biscuits.	51,028	Apr. 3	121	1666
Green, Henry, Hartford, Conn. X-ray tubes.	58,440	Dec. 18	125	2353
Green-Wheeler Shoe Co., Fort Dodge, Iowa. Fine kid shoes.	48,659	Jan. 9	120	648
Greene, Harry A., New York, N. Y. Copper plates for engravers' use.	55,562	Aug. 14	123	2307
Greene, Tweed & Co., New York, N. Y. Belt-fasteners.	50,373	Mar. 13	121	683
Greene, Tweed & Co., New York, N. Y. Force-feed lubricators and the parts thereof.	50,612	Mar. 27	121	1336
Greene Tweed & Co., New York, N. Y. Belt-couplings.	51,556	Apr. 17	121	2318
Greene Tweed & Co., New York, N. Y. Belt awls and punches.	52,035	May 1	122	340
Greene Tweed & Co., New York, N. Y. Belt-fasteners.	52,359	May 8	122	717
Greene Tweed & Co., New York, N. Y. Belt-fasteners.	52,519	May 8	122	723
Greene Tweed & Co., New York, N. Y. Packing.	53,420	June 5	122	2049
Greenfield, Morris H., Newark, N. J. Roach and bug destroyer.	55,748	Aug. 21	123	2615
Greenfield's Son & Co., E., New York, N. Y. Chocolate confectionery.	49,095	Jan. 23	120	1158
Greenfield's Son & Co., E., New York, N. Y. Chocolate confectionery.	49,334	Jan. 30	120	1473
Greenlees Brothers, London, England. Whisky.	56,684	Oct. 16	124	2172
Greinstein, Simon & Leeburger, New York, N. Y. Boys' coats, vests, and pantaloons.	54,900	July 31	123	1660
Greenwood Cotton Mill, Greenwood, S. C. Cotton sheetings and drillings.	52,977	May 22	122	1389
Gregory, John M., San Francisco, Cal. Dyspepsia remedies.	58,103	Dec. 4	125	1695
Greil & Co., B. S., Cincinnati, Ohio. Whisky.	55,179	Aug. 7	123	1984
Grendel Mills, Greenwood, S. C. Sheetings and drillings.	50,511	Mar. 20	121	1006
Grendel Mills, Greenwood, S. C. Cotton piece goods.	58,555	Dec. 18	125	2356
Grendel Mills, Greenwood, S. C. Cotton piece goods.	58,886	Dec. 25	125	2756
Grendel Mills, Greenwood, S. C. Cotton piece goods.	58,921	Dec. 25	125	2757
Gresh & Sons, W. K., Norristown, Pa. Cigars.	57,889	Dec. 4	125	1699
Grieb & Sons, J. G., Philadelphia, Pa. Leather shoes.	56,942	Oct. 23	124	2530
Grieb & Sons, J. G., Philadelphia, Pa. Leather shoes.	56,943	Oct. 23	124	2530
Griffin & Co., G. W., Franklin Falls, N. H. Hacksaws and hacksaw-blades.	49,710	Feb. 13	120	2121
Griffin, Horatio M., Galt, Canada. Aromatic food preparations for animals.	53,484	June 5	122	2051
Griffin & Skelley Co., San Francisco, Cal. Dried and evaporated fruits.	48,987	Jan. 16	120	899
Griffin & Skelley Co., San Francisco, Cal. Dried and evaporated fruits.	48,988	Jan. 16	120	899
Griffin & Skelley Co., San Francisco, Cal. Dried and evaporated fruits.	48,989	Jan. 16	120	899
Griffin & Skelley Co., San Francisco, Cal. Dried and evaporated fruits.	50,230	Mar. 6	121	331
Griffin & Skelley Co., San Francisco, Cal. Dried and evaporated fruits.	53,749	June 12	122	2378
Griffith, Wm. H., New York, N. Y. Remedies for certain named diseases.	56,539	Oct. 2	124	1518
Griffiths Charcoal Iron Mills, Washington, Pa. Unmanufactured iron ternes in sheet form.	53,977	June 19	122	2676
Griffon Company, New York, N. Y., and Philadelphia, Pa. Cloths for ladies', men's, and children's wear.	49,074	Jan. 23	120	1157
Griffon Company, New York, N. Y. Worsted, woolen, and cotton mixed piece goods.	52,952	May 22	122	1388
Griffon Company, New York, N. Y. Worsted, woolen, and cotton mixed piece goods.	53,915	June 12	122	2385
Griggs, Cooper & Co., St. Paul, Minn. Syrup.	52,326	May 8	122	715
Griggs, Cooper & Co., St. Paul, Minn. Sewing-machine oil and bicycle-oil.	57,733	Nov. 27	125	1341
Griggs, Cooper and Company, St. Paul, Minn. Biscuits.	48,853	Jan. 16	120	894
Griggs, Cooper and Company, St. Paul, Minn. Biscuits.	50,901	Apr. 3	121	1661
Griggs, Cooper and Company, St. Paul, Minn. Biscuits.	50,902	Apr. 3	121	1661
Griggs, Cooper and Company, St. Paul, Minn. Chocolates.	50,902	Apr. 3	121	1661
Griggs, Cooper & Company, St. Paul, Minn. Syrup.	51,132	Apr. 3	121	1671
Griggs, Cooper & Company, St. Paul, Minn. Syrup.	51,133	Apr. 3	121	1671
Griggs, Cooper & Company, St. Paul, Minn. Cracker-meal.	52,172	May 1	122	345
Griggs, Cooper and Company, St. Paul, Minn. Castor-oil.	52,327	May 8	122	715
Griggs, Cooper & Company, St. Paul, Minn. Canned lobster.	52,645	May 15	122	1034
Griggs, Cooper & Company, St. Paul, Minn. Canned fruits and vegetables.	53,784	June 12	122	2380
Griggs, Cooper and Company, St. Paul, Minn. Olives.	53,784	June 12	122	2380
Griggs, Cooper & Company, St. Paul, Minn. Pickled limes.	54,205	June 19	122	2685
Griggs, Cooper & Company, St. Paul, Minn. Horse-radish cream.	54,206	June 19	122	2685
Griggs, Cooper & Company, St. Paul, Minn. Capers.	54,207	June 19	122	2685
Griggs, Cooper and Company, St. Paul, Minn. Canned fruits and canned vegetables.	53,206	Aug. 7	123	1985
Griggs, Cooper & Company, St. Paul, Minn. Olives.	56,111	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Jam, marmalade, and fruit butters and jelly.	56,112	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Table-sauces.	56,113	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Candy.	56,132	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Vinegar.	56,133	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Buckwheat and pancake flour.	56,134	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Plum-pudding.	56,135	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Mince-meat.	56,136	Aug. 28	123	2969
Griggs, Cooper & Company, St. Paul, Minn. Certain named bakery products.	56,163	Aug. 28	123	2970
Griggs, Cooper & Company, St. Paul, Minn. Rice.	56,164	Aug. 28	123	2970
Griggs, Cooper & Company, St. Paul, Minn. Rolled oats and farina.	56,165	Aug. 28	123	2970
Griggs, Cooper & Company, St. Paul, Minn. Vermicelli, spaghetti, and macaroni.	56,166	Aug. 28	123	2970
Griggs, Cooper & Company, St. Paul, Minn. Spices and mustard.	56,184	Aug. 28	123	2971
Griggs, Cooper & Company, St. Paul, Minn. Fruit coloring.	56,211	Sept. 4	124	313
Griggs, Cooper & Company, St. Paul, Minn. Toilet and laundry borax.	56,212	Sept. 4	124	313
Griggs, Cooper & Company, St. Paul, Minn. Laundry starch.	56,320	Sept. 11	124	619
Griggs, Cooper & Company, St. Paul, Minn. Syrup, honey, and sorghum.	56,333	Sept. 11	124	620
Griggs, Cooper & Company, St. Paul, Minn. Certain named beverages.	56,341	Sept. 11	124	620
Griggs, Cooper & Company, St. Paul, Minn. Mixed pickles.	56,350	Sept. 18	124	901
Griggs, Cooper & Company, St. Paul, Minn. Flavoring extracts.	56,351	Sept. 18	124	901
Griggs, Cooper & Company, St. Paul, Minn. Certain named non-alcoholic beverages.	56,685	Oct. 16	124	2172
Griggs, Cooper & Company, St. Paul, Minn. Molasses.	56,757	Oct. 16	124	2174
Griggs, Cooper and Company, St. Paul, Minn. Creams, hard candies, chocolates, and confections.	56,986	Oct. 30	124	2896
Griggs, Cooper & Company, St. Paul, Minn. Tea.	57,592	Nov. 13	125	662
Griggs, Cooper & Company, St. Paul, Minn. Bird-seed.	57,593	Nov. 13	125	662
Griseiner-Werke Paul Camphausen G. m. b. H., Berlin, Germany. Bactericides.	57,505	Nov. 13	125	639
Grobowski, Albert G., Plymouth, Pa. Spices.	54,901	July 31	123	1660
Grom, Otto C. B., New York, N. Y. Remedy for coughs and colds.	54,058	June 19	122	2679
Gross, Emanuel, Jersey City, N. J. Bitters.	57,859	Nov. 27	125	1345
Grossman, Maurice H., Philadelphia, Pa. Blood, nerve, and brain food.	50,231	Mar. 6	121	331
Grosvenor & Co., J. M., Boston, Mass. Toilet cream.	49,563	Feb. 13	120	2115
Grosvenor & Co., J. M., Boston, Mass. Tooth-paste.	51,323	Apr. 10	121	1972
Grosvenor & Co., J. M., Boston, Mass. Medicinal plasters.	51,989	May 1	122	338
Grosvenor & Co., J. M., Boston, Mass. Medicinal plasters.	52,140	May 1	122	344
Grosvenor & Co., J. M., Boston, Mass. Capsules.	54,599	June 26	122	3002
Grove Co., Salem, Ohio. Chewing-gum.	55,382	Aug. 14	123	2302
Grover's Sons, J. J., Lynn, Mass. Boots and shoes of leather.	58,303	Dec. 11	125	2040
Grover's Sons, J. J., Lynn, Mass. Boots and shoes of leather.	58,304	Dec. 11	125	2040

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Vol.	Page.	Official Gazette.
Groves' Son and Co., Dr. M. F., Philadelphia, Pa. Anodyne.....	48,683	Jan. 9	120	649	
Groves' Son and Co., Dr. M. F., Philadelphia, Pa. Remedy for certain named diseases.....	49,185	Jan. 30	120	1467	
Groves Sons, H., Madison, Wis. Whisky.....	50,269	Mar. 6	121	333	
Gruber Almanack Co., Hagerstown, Md. Almanacs.....	56,114	Aug. 28	123	2969	
Gruber Almanack Co., Hagerstown, Md. Almanacs.....	56,167	Aug. 28	123	2970	
Gruen & Sons, D., Cincinnati, Ohio. Watches, watchcases, and watch-movements.....	50,545	Mar. 20	121	1007	
Gruen & Sons, D., Cincinnati, Ohio. Watches, watchcases, and watch-movements.....	55,327	Aug. 14	123	2300	
Grunert, Ferdinand, Chicago, Ill. Butter.....	52,885	May 22	122	1385	
Guckenheimer & Bros., Asher, Pittsburg, Pa. Whisky.....	49,989	Feb. 27	120	2747	
Guckenheimer & Bros., Asher, Pittsburg, Pa. Whisky.....	52,173	May 1	122	345	
Guckenheimer & Bros., Asher, Pittsburg, Pa. Whisky.....	53,042	May 22	122	1391	
Guckenheimer & Bros., Asher, Pittsburg, Pa. Whisky.....	53,124	May 29	122	1708	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,777	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,778	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,779	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,780	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,781	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,782	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	54,783	July 31	123	1657	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	55,081	Aug. 7	123	1981	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	55,308	Aug. 14	123	2300	
Gudewill & Bucknall, New York, N. Y. Cork or corkwood.....	55,383	Aug. 14	123	2302	
Guenther, Elizabeth F., Waldoboro, Me. Lotions.....	58,676	Dec. 25	125	2751	
Guild & Co., Curtis, Boston, Mass. Weekly newspaper.....	49,123	Jan. 23	120	1159	
Guild, M. D., J. H., Rupert, Vt. Asthma and kidney cure.....	58,948	Dec. 25	125	2756	
Guiterman Bros., St. Paul, Minn. Outing-shirts for men and women.....	50,512	Mar. 20	121	1006	
Guiterman Bros., St. Paul, Minn. Linen shirts, collars, and cuffs.....	57,112	Nov. 6	125	341	
Gulden, Charles, New York, N. Y. Olives.....	48,459	Jan. 2	120	315	
Gulden, Charles, New York, N. Y. Mustard.....	48,460	Jan. 2	120	315	
Gulden, Charles, New York, N. Y. Olives.....	48,990	Jan. 16	120	899	
Gulden, Charles, New York, N. Y. Preserved olives.....	50,232	Mar. 6	121	331	
Gulden, Charles, New York, N. Y. Olives.....	53,099	May 29	122	1707	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum burning-oils.....	48,782	Jan. 16	120	891	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum burning-oils.....	48,783	Jan. 16	120	891	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum burning-oils.....	48,784	Jan. 16	120	891	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum burning-oils.....	48,785	Jan. 16	120	891	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum burning-oils.....	48,786	Jan. 16	120	891	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum lubricating-oils.....	48,787	Jan. 16	120	891	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum lubricating-oils.....	52,592	May 15	122	1033	
Gulf Refining Company, Port Arthur, Tex., and Pittsburg, Pa. Petroleum lubricating-oils.....	52,593	May 15	122	1033	
Gulport Grocery Co., Gulport, Miss. Canned fruits and vegetables.....	55,749	Aug. 21	123	2615	
Gulport Grocery Company, Gulport, Miss. Cornmeal.....	50,444	Mar. 20	121	1003	
Gump & Sons, G., Baltimore, Md. Rye whisky.....	50,648	Mar. 27	121	1337	
Gurney Heater Manufacturing Company, Boston, Mass. Steam and hot-water heaters and radiators.....	49,150	Jan. 23	120	1160	
Gus Edwards Music Publishing Co., New York, N. Y. Sheet-music, music-instruction books, and opera-scores.....	54,277	June 26	122	2989	
Guthess, Huber C., Port Byron, N. Y. Pie-fillings.....	52,777	May 15	122	1040	
Guthmann, Carpenter & Telling, Chicago, Ill. Leather boots and shoes.....	49,151	Jan. 23	120	1160	
Guthmann Carpenter & Telling, Chicago, Ill. Leather boots and shoes.....	51,709	Apr. 24	121	2650	
Gwinn Bros. & Co., Huntington, W. Va., and Washington Court-House, Ohio. Wheat-flour.....	50,613	Mar. 27	121	1336	
H. Adler Company, Carnegie, Pa., and Kansas City, Mo. Heating and cooking appliances.....	54,278	June 26	122	2989	
H. Adler Company, Carnegie, Pa., and Kansas City Mo. Gas-burners.....	54,574	June 26	122	3001	
H. De Cabanas y Carbajal, New York, N. Y. Havana cigars.....	55,153	Aug. 7	123	1983	
H. Jayess Remedy Co., Baltimore, Md. Liquid remedy for liver and bowel ailments.....	52,252	May 1	122	348	
H. Kohnstamm & Co., New York, N. Y. Laundry starch.....	58,406	Dec. 11	125	2043	
H. Kohnstamm & Co., New York, N. Y. Laundry starch.....	58,407	Dec. 11	125	2043	
H. Milward & Sons, Ltd., Redditch, England. Certain named fishing-supplies.....	57,707	Nov. 27	125	1340	
H. Milward & Sons, Ltd., Redditch, England. Needles for hand-sewing.....	58,216	Dec. 11	125	2038	
H. Milward & Sons, Ltd., Redditch, England. Hand-sewing needles, knitting-needles, crochet-hooks, and bodkins.....	58,462	Dec. 18	125	2354	
H. Mueller Manufacturing Company, Decatur, Ill. Valves and cocks.....	56,011	Aug. 21	123	2622	
H. Mueller Manufacturing Company, Decatur, Ill. Valves and faucets.....	56,274	Sept. 4	124	315	
H. Webster Company, New York, N. Y. Whisky.....	51,134	Apr. 3	121	1671	
H. Wilhelm Battery Co., New York, N. Y. Batteries.....	56,995	Oct. 30	124	2896	
H. A. Metz & Co., New York, N. Y. Materials suitable for the sizing and finishing of textile fibers.....	53,750	June 12	122	2378	
H. A. Metz & Co., New York, N. Y. Materials suitable for the sizing and finishing of textile fibers.....	53,751	June 12	122	2378	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,851	June 12	122	2382	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,852	June 12	122	2382	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	52,853	June 12	122	2382	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,854	June 12	122	2382	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,855	June 12	122	2383	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,861	June 12	122	2383	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,916	June 12	122	2385	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,917	June 12	122	2385	
H. A. Metz & Co., New York, N. Y. Dyestuffs and coloring-matters.....	53,918	June 12	122	2385	
H. A. Metz & Co., New York, N. Y. Dyestuffs.....	58,860	Dec. 25	125	2756	
H. B. Camp Company, Greentown, Ohio. Clay ducts and conduits.....	56,790	Oct. 16	121	2175	
H. B. Claffin Company, New York, N. Y. Safety-pins.....	58,441	Dec. 18	125	2353	
H. B. Claffin Company, New York, N. Y. Tooth-brushes and hair-brushes.....	58,486	Dec. 18	125	2354	
H. B. Claffin Company, New York, N. Y. Tooth powders, pastes, and washes.....	58,861	Dec. 25	125	2756	
H. B. Davis Company, Baltimore, Md. Semipaste paint.....	55,851	Aug. 21	123	2617	
H. B. Scott Tobacco Co., Bowling Green, Ky. Cheiving-tobacco.....	58,442	Dec. 18	125	2353	
H. B. Wiggins's Sons Company, Bloomfield, N. J. Draperies, hangings, and woven fabrics for walls.....	55,129	Aug. 7	123	1983	
H. B. Wiggins's Sons Company, Bloomfield, N. J. Compounds for decorating walls and ceilings.....	56,806	Oct. 16	124	2175	
H. B. Wiggins's Sons Company, Bloomfield, N. J. Certain woven fabrics.....	58,305	Dec. 11	125	2041	
H. C. Christians Co., Johnson Creek, Wis. Butter.....	54,495	June 26	122	2998	
H. C. Christians Co., Johnson Creek, Wis. Butter.....	58,642	Dec. 18	125	2358	
H. D. Foss and Co., Incorporated, Boston, Mass. Chocolate confections and bonbons.....	50,042	Feb. 27	120	2749	
H. D. Smith Co., Cincinnati, Ohio. Chewing-gum.....	53,219	May 29	122	1712	
H. F. Brammer Manufacturing Company, Davenport, Iowa. Rotary washing-machines.....	56,391	Sept. 18	124	902	
H. F. Brammer Manufacturing Company, Davenport, Iowa. Lever washing-machines.....	56,792	Sept. 18	124	902	
H. F. Webb Company, Portland, Me. Canned corn and canned succotash.....	54,136	June 19	122	2682	
H. F. Webb Company, Portland, Me. Canned corn and canned succotash.....	54,137	June 19	122	2682	
H. F. Webb Company, Portland, Me. Canned corn and canned succotash.....	54,191	June 19	122	2684	
H. G. Tomblor Grocery Co., Easton, Pa. Coffee.....	51,109	Apr. 3	121	1670	

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No	Date.	Official Gazette.	
			Vol.	Page.
H. H. Babcock Company, Watertown, N. Y. Carriages.	50,811	Apr. 3	121	1657
H. J. Grell Butter & Egg Company, Johnson Creek, Wis. Butter.	55,154	Aug. 7	123	1983
H. J. Heinz Company, Allegheny, Pa. Vinegar.	51,029	Apr. 3	121	1666
H. K. Mulford Company, Philadelphia, Pa. Aseptic preparation.	50,043	Feb. 27	120	2749
H. K. Mulford Company, Philadelphia, Pa. Antiseptic for local and internal use.	51,646	Apr. 17	121	2322
H. K. Mulford Company, Philadelphia, Pa. Medicinal mineral oil.	51,647	Apr. 17	121	2322
H. K. Mulford Company, Philadelphia, Pa. Remedy for remittent and pernicious malarial fevers.	51,648	Apr. 17	121	2322
H. K. Mulford Company, Philadelphia, Pa. Medicinal preparation in suppository or ointment form.	51,649	Apr. 17	121	2322
H. K. Mulford Company, Philadelphia, Pa. Granular effervescent salt.	51,650	Apr. 17	121	2322
H. K. Mulford Company, Philadelphia, Pa. Mouth and tooth wash.	54,618	June 26	122	3002
H. L. Griesedieck Dist'g Co., St. Louis, Mo. Whisky.	53,043	May 22	122	1391
H. N. Martin & Co., Louisville, Ky. Plug chewing-tobacco and smoking-tobacco.	51,385	Apr. 17	121	2311
H-O (Hornby's Oatmeal) Company, New York, N. Y. Self-rising flour.	55,818	Aug. 21	123	2617
H-O (Hornby's Oatmeal) Company, New York, N. Y. Rolled oats.	55,819	Aug. 21	123	2617
H-O (Hornby's Oatmeal) Company, New York, N. Y. Cooked and flaked wheat.	55,820	Aug. 21	123	2617
H-O (Hornby's Oatmeal) Company, New York, N. Y. Rolled and ground oats.	56,827	Oct. 23	124	2527
H-O (Hornby's Oatmeal) Company, New York, N. Y. Cooked and flaked wheat.	58,131	Dec. 4	125	1695
H-O (Hornby's Oatmeal) Company, New York, N. Y. Certain named cereal foods.	58,643	Dec. 18	125	2358
H. S. Crocker Company, San Francisco, Cal. Writing-paper and envelopes.	55,943	Aug. 21	123	2620
H. T. Lawler Milling & Trading Co., Ltd., New Orleans, La. Wheat-flour.	55,207	Aug. 7	123	1985
H. T. Lawler Milling & Trading Co., Ltd., New Orleans, La. Wheat-flour.	55,242	Aug. 7	123	1985
H. T. Lawler Milling and Trading Co., Ltd., New Orleans, La. Wheat-flour.	56,719	Oct. 16	124	2173
H. T. Paiste Co., Philadelphia, Pa. Devices for connecting branch and main circuits.	52,909	May 22	122	1386
H. T. Paiste Co., Philadelphia, Pa. Current-distributing cut-out boards.	53,220	May 29	122	1712
H-T Stock Food Company, Cleveland, Ohio. Stock-food.	55,821	Aug. 21	123	2617
H. & W. Company, Newark, N. J. Children's underwaists.	50,349	Mar. 13	121	682
H & W Company, Newark, N. J. Corsets and corset-waists.	52,679	May 15	122	1036
H. & W. Company, Newark, N. J. Corsets and corset-waists.	56,168	Aug. 28	123	2970
H. W. Crocker Shoe Co., Boston, Mass. Leather boots and shoes.	54,824	July 31	123	1658
H. W. Huguley Company, Boston, Mass. Whisky.	50,173	Mar. 6	121	329
H. W. Huguley Company, Boston, Mass. Whisky.	56,342	Sept. 11	124	620
Haas, Rudolph M., New York, N. Y. Scotch whisky.	53,548	June 5	122	2054
Haas Bros., New York, N. Y. Oysters.	50,614	Mar. 27	121	1336
Hadley, William B., New York, N. Y. Liniment.	50,784	Mar. 27	121	1343
Haffner Bros., Cincinnati, Ohio. Harness-leather.	54,825	July 31	123	1658
Hagan & Dodd Co., Atlanta, Ga. Ginger-ale.	53,598	June 5	122	2056
Hagan & Dodd Co., Atlanta, Ga. Ginger-ale.	57,023	Oct. 30	124	2897
Hagen & Travers, Buffalo, N. Y. Whisky.	48,580	Jan. 2	120	320
Hagerty & Co., John J., Dorchester, Mass. Whisky.	49,812	Feb. 20	120	2424
Hagerty Refining Company, New York, N. Y. Lubricating-oils.	58,255	Dec. 11	125	2039
Hahn, William, Washington, D. C. Boots and shoes of leather.	58,644	Dec. 18	125	2358
Hahne & Company, Newark, N. J. Ladies' shoes.	50,649	Mar. 27	121	1337
Håkansson, Per, Eslöv, Sweden. Antiseptic compound.	50,233	Mar. 6	121	331
Haldeman, Jere B., St. Louis, Mo. Powdered preparation for cleaning precious metals.	50,465	Mar. 20	121	1004
Ualderman & Michael, Chicago, Ill. Facial cream.	52,141	May 1	122	344
Hale, Annie M., et al., executors. (See Draper, Oscar M.)				
Hale, Edwin E., et al., executors. (See Draper, Oscar M.)				
Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Bedsteads.	57,215	Nov. 6	125	344
Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Car-seats.	57,909	Dec. 4	125	1690
Haley, Henry V., Oklahoma, Okla. Ter. Tonics.	56,610	Oct. 9	124	1838
Halferty, Peter F., Aberdeen, Wash. Minced clams.	58,829	Dec. 25	125	2755
Hall, Eliza N., New York, N. Y. Caustic potash or lye.	58,999	Dec. 25	125	2759
Hall, Eliza N., New York, N. Y. Caustic potash or lye.	59,000	Dec. 25	125	2759
Hall Hartwell & Co., Troy, N. Y. Shirts, collars, and cuffs.	54,279	June 26	122	2989
Hall, John W., Baltimore, Md. Non-alcoholic beverages made of cola-nuts.	50,650	Mar. 27	121	1337
Hallman, Michael, New York, N. Y. Elastic foot-coverings for horses.	52,095	May 1	122	342
Hall's Safe Company, Cincinnati, Ohio. Fire and burglar proof safes, vault-doors, and safe-deposit boxes.	55,067	Aug. 7	123	1981
Hamann, Adolf, Dresden, Germany. Porcelain ware of all kinds.	52,719	May 15	122	1037
Hambuechen, Carl, Riverside, Ill. Polishing-powder.	56,137	Aug. 28	123	2969
Hamburg Amerikanische Uhrenfabrik, Schramberg, Germany. Clocks, clock-cases, clock-movements, and parts thereof.	56,169	Aug. 28	123	2970
Hamburger Company, Ph., Pittsburg, Pa. Whisky.	53,246	May 29	122	1713
Hamer's Sure Cure Company, Vermont, Ill. Veterinary remedy.	50,746	Mar. 27	121	1341
Hamilton-Brown Shoe Co., St. Louis, Mo. Women's liquid and paste shoe-dressing.	51,839	Apr. 24	121	2655
Hamilton-Brown Shoe Co., St. Louis, Mo. Men's liquid and paste shoe-dressing.	51,840	Apr. 24	121	2655
Hamilton-Brown Shoe Company, St. Louis, Mo. Men's leather shoes.	50,150	Mar. 6	121	328
Hamilton-Brown Shoe Company, St. Louis, Mo. Leather shoes.	54,037	June 19	122	2678
Hamilton-Brown Shoe Company, St. Louis, Mo. Men's and boys' leather shoes.	54,038	June 19	122	2678
Hamilton-Brown Shoe Company, St. Louis, Mo. Men's leather shoes.	54,138	June 19	122	2682
Hamilton-Brown Shoe Company, St. Louis, Mo. Men's leather shoes.	54,139	June 19	122	2682
Hamilton-Brown Shoe Company, St. Louis, Mo. Men's leather shoes.	54,140	June 19	122	2682
Hamilton and Hamilton, Jr., Providence, R. I. Sterling-silver flat ware, hollow ware, and table-ware.	49,473	Feb. 6	120	1817
Hamilton & Hamilton, Jr., Providence, R. I. Certain named jewelry and silver-plated precious-metal ware.	57,454	Nov. 13	125	658
Hamilton, Mable A., Boston, Mass. Medicine for kidney affections.	51,074	Apr. 3	121	1668
Hamilton, William C., Topeka, Kans. Antizymotic remedy.	56,611	Oct. 9	124	1838
Hammer, Delius & Co., New York, N. Y. Steel in bars and sheets.	54,748	June 26	122	3008
Hammer Dry Plate Company, St. Louis, Mo. Photographic dry-plates.	50,931	Apr. 3	121	1662
Hammond, Benjamin, Fishkill Landing, N. Y. Fungicide.	55,632	Aug. 21	123	2612
Hammond, Benjamin, Fishkill Landing, N. Y. Insecticide for bugs and blight.	55,633	Aug. 21	123	2612
Hampden Watch Co., Canton, Ohio. Watch-movements.	49,497	Feb. 6	120	1818
Hampden Watch Co., Canton, Ohio. Watch-movements.	49,499	Feb. 20	120	2488
Hampden Watch Co., Canton, Ohio. Watch-movements.	49,920	Feb. 20	120	2438
Hampden Watch Co., Canton, Ohio. Watches and watch parts.	50,021	Feb. 27	120	2748
Hampden Watch Co., Canton, Ohio. Watch-movements.	55,944	Aug. 21	123	2620
Hampden Watch Co., Canton, Ohio. Watch-movements.	58,887	Dec. 25	125	2756
Hamrick Tank & Barrel Hard Shell Enameling Co., Philadelphia, Pa. Enamel.	50,915	Apr. 3	121	1661
Hanan-Tanawson Company, Cleveland, Ohio. Shoes and slippers manufactured from leather.	54,168	June 19	122	2683
Hanan & Son, New York, N. Y. Leather and cloth boots, shoes, and slippers.	50,970	Apr. 3	121	1663
Hanan & Son, New York, N. Y. Leather and cloth boots, slippers, and shoes.	53,143	May 29	122	1709
Hanan & Son, Brooklyn, N. Y. Leather and cloth boots, shoes, and slippers.	55,349	Aug. 14	123	2301
Hance Bros. & White, Philadelphia, Pa. Gelatinous elastic capsules.	50,414	Mar. 13	121	684
Hance Bros. & White, Philadelphia, Pa. Antiseptic or disinfecting chemical compound.	52,778	May 15	122	1040

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Handbleistift Cie. C. Wm. Bock, Schweinau, near Nuremburg, Germany. Pencils.	51,186	Apr. 10	121	1967
Hanndrich, Fritz, New York, N. Y. Wine.	51,841	Apr. 24	121	2655
Hanlin, Faith L., Chicago, Ill. Insecticides.	50,785	Mar. 27	121	1343
Hanlon & Goodman, New York, N. Y. Brushes for painters and decorators.	50,066	Feb. 27	120	2748
Hanna, Darlie M., Fairfield, Ind. Hair-tonic and shampooing tincture.	57,039	Oct. 30	124	2897
Hannach & Stifel, Memphis, Tenn. Men's outer shirts.	51,075	Apr. 3	121	1668
Hannah & Hogg, Chicago, Ill. Whisky.	45,581	Jan. 2	120	320
Hannah & Hogg, Chicago, Ill. Whisky.	56,518	Oct. 2	124	1518
Hannah & Hogg, Chicago, Ill. Bottled Maraschino cherries.	57,642	Nov. 27	125	1339
Hannah & Hogg, Chicago, Ill. Rock and rye.	58,256	Dec. 11	125	2039
Hannah & Hogg, Chicago, Ill. Cocktails.	58,342	Dec. 11	125	2041
Hannah & Hogg, Chicago, Ill. Medford rum.	58,343	Dec. 11	125	2041
Hansen, Henry R., Jersey City, N. J. Candies.	54,936	Aug. 7	123	1977
Hansen, Julius G., Reading, Pa. Cigars.	54,104	June 19	122	2681
Hansen-Schmitt Co., Milwaukee, Wis. Long-cut tobacco for both smoking and chewing.	54,445	June 26	122	2995
Hansen-Schmitt Co., Milwaukee, Wis. Long-cut tobacco for both smoking and chewing.	55,155	Aug. 7	123	1983
Hanson, J. Edward, Pass Christian, Miss. Remedy for certain named diseases.	51,171	Apr. 3	121	1672
Hanson & Van Winkle Co., Newark, N. J.; New York, N. Y., and Chicago, Ill. Nickel salts.	51,930	Apr. 24	121	2659
Hanson & Van Winkle Co., Newark, N. J.; New York, N. Y., and Chicago, Ill. Detergents for cleaning metal surfaces.	58,061	Dec. 4	125	1693
Harbinson, Josiah, Sacramento, Cal. Whisky.	56,892	Oct. 23	124	2529
Hardesty-Williams Milling Co., Columbus, Ohio. Wheat-flour.	58,583	Dec. 18	125	2357
Hardtmuth, L. & C., Vienna and Budweis, Austria-Hungary, and London, England. Lead-pencils.	55,069	Aug. 7	123	1981
Hardtmuth, L. & C., Vienna and Budweis, Austria-Hungary, and London, England. Lead-pencils.	55,070	Aug. 7	123	1981
Hardtmuth, L. & C., Vienna and Budweis, Austria-Hungary, and London, England. Tracing-cloth.	55,384	Aug. 14	123	2302
Hardtmuth, L. & C., Vienna and Budweis, Austria-Hungary, and London, England. Lead-pencils.	56,043	Aug. 21	123	2623
Hardy, Richard T., Baltimore, Md. Face-lotion.	51,030	Apr. 3	121	1666
Harold, James J., Jersey City, N. J., assignor to T. A. Hill, New York, N. Y. Contractors' dumping-conveyers.	51,764	Apr. 24	121	2652
Harper, Charles W., Boston, Mass. Electrical appliances for assisting the hearing.	53,724	June 12	122	2377
Harpers Ferry Lime Company, Millville, W. Va. Lime.	55,479	Aug. 14	123	2304
Harpers Ferry Lime Company, Millville, W. Va. Lime.	55,634	Aug. 21	123	2612
Harrell, Earle G., Camilla, Ga. Salve.	48,684	Jan. 9	120	649
Harrington Cutlery Co., Southbridge, Mass. Certain named knives.	56,275	Sept. 4	124	315
Harrington & Richardson Arms Co., Worcester, Mass. Revolvers, pistols, rifles, and shotguns.	56,276	Sept. 4	124	315
Harrington & Richardson Arms Co., Worcester, Mass. Revolvers, pistols, rifles, and shotguns.	56,277	Sept. 4	124	315
Harrington & Richardson Arms Co., Worcester, Mass. Revolvers, pistols, rifles, and shotguns.	58,257	Dec. 11	125	2039
Harrington & Richardson Arms Co., Worcester, Mass. Revolvers, pistols, rifles, and shotguns.	58,365	Dec. 11	125	2042
Harris & Bro., Robt., Reidsville, N. C. Chewing and smoking tobacco.	51,420	Apr. 17	121	2313
Harris & Bro., Robt., Reidsville, N. C. Smoking-tobacco.	55,156	Aug. 7	123	1983
Harris, Charles R., North Windham, Conn. Chains, fobs, chatelaines, and chain-trimmings.	50,130	Mar. 6	121	327
Harris-Emery Company, Des Moines, Iowa. Knit underwear.	58,864	Dec. 25	125	2756
Harris, Ernestine, New York, N. Y. Catamenial sacks.	58,922	Dec. 25	125	2757
Harris, Johnson & Co., Cincinnati, Ohio. Whisky.	55,750	Aug. 21	123	2615
Harris, Marcus, Cincinnati, Ohio. Whisky.	50,374	Mar. 13	121	683
Harris, Marcus, Cincinnati, Ohio. Whisky.	56,640	Oct. 16	124	2171
Harris, Marcus, Cincinnati, Ohio. Whisky.	56,641	Oct. 16	124	2171
Harris, Marcus, Cincinnati, Ohio. Whisky.	58,862	Dec. 25	125	2756
Harris, Marcus, Cincinnati, Ohio. Whisky.	58,863	Dec. 25	125	2756
Harris Suspender Co., New York, N. Y. Suspenders and braces.	48,660	Jan. 9	120	648
Harris Suspender Co., New York, N. Y. Suspenders and braces.	48,661	Jan. 9	120	648
Harris Suspender Co., New York, N. Y. Men's suspenders and braces.	48,991	Jan. 16	120	899
Harris Suspender Co., New York, N. Y. Garters and sleeve-holders or armlets.	55,751	Aug. 21	123	2615
Harris, Thomas, New York, N. Y. Scrapple.	52,978	May 22	122	1389
Harrison Bros. & Co., Inc., Philadelphia, Pa. Mixed paints, pigments for paints, and stains.	58,677	Dec. 25	125	2751
Harrison, Edward R. V., Greensboro, N. C. Non-medicinal tonic beverage.	58,021	Dec. 4	125	1692
Hart & Crouse Co., Utica, N. Y. Steam, hot-water, and hot-air heaters.	52,596	May 15	122	1033
Hart, Edgar J. M., New York, N. Y. Lotion.	54,659	June 26	122	3004
Hart, Francis X., New York, N. Y. Certain named medicines.	54,078	June 19	122	2680
Hart & Hegeman Mfg. Co., Hartford, Conn. Electric switches.	51,743	Apr. 24	121	2651
Hart Manufacturing Co., Cleveland, Ohio. Die-stocks.	49,311	Jan. 30	120	1472
Hart Manufacturing Company, Hartford, Conn. Electrical appliances.	49,100	Jan. 23	120	1158
Hart Manufacturing Company, Hartford, Conn. Certain named electrical appliances.	52,848	May 22	122	1381
Harter & Co., Helon G., Toledo, Ohio. Preventive and cure of diseases of domestic animals.	56,516	Oct. 2	124	1584
Hartford Carpet Corporation, Thompsonville, Conn., and New York, N. Y. Rugs.	54,105	June 19	122	2681
Hartman, Goldsmith & Co., New York, N. Y. Whisky.	50,293	Mar. 6	121	330
Hartman, Samuel B., Columbus, Ohio. Laxative medicines.	50,786	Mar. 27	121	1343
Hartmann Brewing Company, Bridgeport, Conn. Lager-beer.	53,421	June 5	122	2049
Hartmann & Hauers, Hanover, Germany. Creosote and guaiacol.	55,635	Aug. 21	123	2612
Hartmiller, Frank J., Lebanon, Mo. Remedy for certain named diseases.	53,342	May 29	122	1717
Hartwig, Otto J., Chicago, Ill. Remedies for skin and scalp diseases.	51,348	Apr. 10	121	1973
Harvard Brewing Co., Lowell, Mass. Beer and lager-beer.	52,484	May 8	122	722
Harvard Brewing Co., Lowell, Mass. Beer and lager-beer.	52,646	May 15	122	1034
Harvard Brewing Co., Lowell, Mass. Beer and lager-beer.	53,881	June 12	122	2384
Harvard Brewing Co., Lowell, Mass. Beer and lager-beer.	56,321	Sept. 11	124	619
Harvard Brewing Co., Lowell, Mass. Ale and porter.	58,306	Dec. 11	125	2041
Harvey Hubbell, Incorporated, Bridgeport, Conn. Pull-sockets.	50,234	Mar. 6	121	331
Harvey & Son, Squire T., Chicago, Ill. Whisky.	53,125	May 29	122	1708
Harvey, Theodore R., Westfield, N. J. Tooth-powder and antiseptic mouth-wash.	53,362	June 12	122	2383
Hascall, George C., Cleveland, Ohio. Mixed paints.	56,587	Oct. 9	124	1838
Haserot Canners Company, Cleveland, Ohio. Canned extract of green corn.	51,866	Apr. 24	121	2656
Haserot, Samuel F., Cleveland, Ohio. Plug chewing-tobacco.	51,842	Apr. 24	121	2655
Haskins Bros. & Co., Sioux City, Iowa, and Omaha, Nebr. Toilet and laundry soap.	49,653	Feb. 13	120	2118
Haskins Bros. & Co., Sioux City, Iowa, and Omaha, Nebr. Toilet and laundry soap.	50,903	Apr. 3	121	1661
Haskins Bros. & Co., Sioux City, Iowa. Soap.	58,443	Dec. 18	125	2353
Hassall, John, New York, N. Y. Wire nails.	58,487	Dec. 18	125	2354
Hattvig, Osmond O., Viborg, S. D. Veterinary remedy.	49,096	Jan. 23	120	1158
Hauck, Louise, New York, N. Y. Polishing and cleansing preparations.	52,695	May 15	122	1036
Hauck, Louise, New York, N. Y. Shampoo and scalp-cleansing preparations.	52,720	May 15	122	1037
Hauger, Charles C., Indianapolis, Ind., and Dayton and Columbus, Ohio. Coats, vests, trousers, and overcoats.	50,971	Apr. 3	121	1664
Hauselt & Lueschloss, New York, N. Y. Olive-oil.	55,822	Aug. 21	123	2617
Hauselt & Lueschloss, New York, N. Y. Cognac.	56,642	Oct. 16	124	2171
Hausling, Martin H., Newark, N. J. Whisky.	57,277	Nov. 13	125	653

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Havana Commercial Company, New York, N. Y. Cigars.....	48,788	Jan. 16	120	891
Havana Commercial Company, New York, N. Y. Havana cigars.....	49,375	Feb. 6	120	1813
Havana Commercial Company, New York, N. Y. Havana cigars.....	51,291	Apr. 10	121	1971
Havana Commercial Company, New York, N. Y. Havana cigars.....	53,485	June 5	122	2051
Havana Commercial Company, New York, N. Y. Havana cigars.....	53,486	June 5	122	2051
Havana Commercial Company, New York, N. Y. Havana cigars.....	54,496	June 26	122	2998
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	51,237	Apr. 10	121	1969
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	52,696	May 15	122	1036
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	53,978	June 19	122	2676
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	54,007	June 19	122	2677
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	54,826	July 31	123	1658
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	54,937	Aug. 7	123	1977
Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars.....	55,290	Aug. 14	123	2299
Haverly, Eliza, New York, N. Y. Cold-cream.....	58,753	Dec. 25	125	2753
Hawaiian Specialty Co., Los Angeles, Cal. Syrup for certain named diseases.....	58,754	Dec. 25	125	2753
Hawker & Co., James, Plymouth, England. Sloe gin.....	57,261	Nov. 13	125	653
Hawkes, A. K., Atlanta, Ga. Spectacles, eyeglasses, and lenses.....	52,953	May 22	122	1388
Hawkeye Flour Company, Cedar Rapids, Iowa. Wheat-flour.....	55,683	Aug. 21	123	2613
Hawkrigde Bros., Boston, Mass. Tool-steel and steel bars, rods, and sheets.....	50,932	Apr. 3	121	1662
Hawkrigde Brothers, Boston, Mass. Tool-steel and steel bars, rods, and sheets.....	51,349	Apr. 10	121	1973
Hawley, Folsom & Ronimus, Boston, Mass. Suspenders, garters, neckties, cravats, mufflers, and belts.....	57,965	Dec. 4	125	1651
Hawley & Hoops, New York, N. Y. Candy.....	48,621	Jan. 9	120	647
Hawley & Hoops, New York, N. Y. Candies.....	49,097	Jan. 23	120	1158
Hawley & Hoops, New York, N. Y. Cocoa and chocolate.....	54,008	June 19	122	2677
Hay, Edward A., et al., executors. (See Hay, Henry H.)				
Hay, Eleanor S., et al., executors. (See Hay, Henry H.)				
Hay, Henry H., deceased; E. S. and E. A. Hay, Portland, Me., executors. Vegetable bitters.....	51,931	Apr. 24	121	2659
Hayden Automatic & Equipment Company, New York, N. Y. Shovels, scoops, and spades.....	51,187	Apr. 10	121	1967
Hayden & Co., Joseph J., Harrisburg, Pa. Playing-cards.....	58,307	Dec. 11	125	2041
Hayden, Sarah H. E., Bedford, Mass. Medical compound.....	49,564	Feb. 13	120	2115
Hayden, Sarah H. E., Bedford Springs, Mass. Remedy for certain named diseases.....	54,619	June 26	122	3002
Hayden W. Wheeler & Co., New York, N. Y. Watchcases and watch-movements.....	52,174	May 1	122	345
Hayes Mfg. Co., Paterson, N. J. Range-boilers.....	52,662	May 15	122	1035
Haynes Milling Company, Portland, Ind. Wheat-flour.....	51,467	Apr. 17	121	2315
Haynes, Sparrell & Co., Boston, Mass. Boots and shoes made wholly or in part of rubber.....	56,239	Sept. 4	124	314
Hays, Louis H., Cleveland, Ohio. Certain named knit goods.....	56,661	Oct. 16	124	2171
Hazard, George B., Providence, R. I. Candy.....	50,044	Feb. 27	120	2749
Hazard Powder Company, Hazardville, Conn. Cannon-powder.....	58,012	Dec. 4	125	1692
Hazard Powder Company, Hazardville, Conn. Gunpowder.....	58,013	Dec. 4	125	1692
Hazel-Atlas Glass Company, Wheeling, W. Va. Fruit-jars.....	54,846	July 31	123	1659
Hazelwood Company, Limited, Spokane, Wash.; Galena, Ill.; Sioux City, Iowa; New York, N. Y., and Portland, Oreg. Candies of all kinds.....	50,681	Mar. 27	121	1339
Hazen Confectionery Company, Boston, Mass. Chocolate candies.....	49,900	Feb. 20	120	2437
Headstream & De Flon, Mauston, Wis. Medical compounds for treating diseases of the scalp.....	55,636	Aug. 21	123	2612
Hearst, William R., New York, N. Y. Newspaper.....	57,354	Nov. 13	125	655
Hearst, William R., New York, N. Y. Newspaper.....	57,355	Nov. 13	125	655
Hearst, William R., New York, N. Y. Weekly newspaper.....	57,366	Nov. 13	125	656
Hearst's Chicago American, Chicago, Ill. Daily newspaper.....	58,678	Dec. 25	125	2751
Heath & Milligan Mfg. Co., Chicago, Ill. Stain for imitating natural wood.....	57,708	Nov. 27	125	1341
Heath & Milligan Mfg. Co., Chicago, Ill. Stain for imitating natural wood.....	57,709	Nov. 27	125	1341
Heberton, George V. G., Philadelphia, Pa. Cosmetic hair and skin tonics.....	51,612	Apr. 17	121	2320
Hecht, Hirschler Co., Norfolk, Va. Knitted stockings.....	56,069	Aug. 21	123	2629
Heckel, George P., St. Louis, Mo. Portable stoves.....	57,781	Nov. 27	125	1343
Heide, Henry, New York, N. Y. Various kinds of chocolates and bonbons.....	54,039	June 19	122	2678
Heide, Henry, New York, N. Y. Peanut-butter.....	54,208	June 19	122	2685
Heide, Henry, New York, N. Y. Almond paste.....	54,938	Aug. 7	123	1977
Heide, Henry, New York, N. Y. All forms of candies.....	58,790	Dec. 25	125	2754
Heilmann, Loth & Gutman, New York, N. Y. Undershirts and drawers for men and women.....	50,513	Mar. 20	121	1006
Heimann-Miller Manufacturing Company, St. Louis, Mo. Display-fixtures.....	49,249	Jan. 30	120	1470
Heimann-Miller Manufacturing Company, St. Louis, Mo. Fixtures for displaying goods in stores.....	51,791	Apr. 24	121	2653
Heine & Co., New York, N. Y. Oils used in making perfume.....	50,375	Mar. 13	121	683
Heine & Co., New York, N. Y. Oils used in the manufacture of perfume.....	53,599	June 5	122	2056
Heine & Co., New York, N. Y. Natural or synthesized essential oils.....	58,723	Dec. 25	125	2752
Heine, Fred. J., El Reno, Okla. Ter. Veterinary remedy for lump-jaw.....	55,684	Aug. 21	123	2613
Hememan Bros., Baltimore, Md. Cigars.....	57,113	Nov. 6	125	341
Heimr. Böker & Co., Solingen, Germany. Scissors and shears.....	54,700	June 26	122	3006
Heinzerling & Co., Baltimore, Md. Carbonated non-intoxicating tonic beverage.....	54,511	June 26	122	2998
Heinzerling & Co., Baltimore, Md. Carbonated non-intoxicating tonic beverage.....	54,512	June 26	122	2998
Heinzerling & Co., Baltimore, Md. Carbonated non-intoxicating tonic beverage.....	54,600	June 26	122	3002
Heisel, Joseph H., Leetonia, Ohio. Wheat-flour.....	53,630	June 5	122	2057
Heissler and Junge Company, Chicago, Ill. Baked bread.....	57,734	Nov. 27	125	1341
Heissler & Junge Company, Chicago, Ill. Extract of malt for bakers' use.....	58,188	Dec. 11	125	2037
Heitman Bros., Cologne, Germany. Powdered form of dyes.....	54,975	Aug. 7	123	1978
Helderberg Cement Co., Howe Cave, N. Y. Portland cement.....	49,886	Feb. 20	120	2436
Hellenberg & Co., New York, N. Y. Neckties.....	58,584	Dec. 18	125	2357
Heller-Aller Co., Napoleon, Ohio. Windmills.....	50,040	June 19	122	2678
Heller & Merz Co., Newark, N. J., and New York, N. Y. Ball-blue and wash-blue.....	56,482	Sept. 25	124	1203
Hellert & Sons, H. J., Vincennes, Ind. Whisky.....	53,822	June 12	122	2381
Hellert & Sons, H. J., Vincennes, Ind. Whisky.....	57,643	Nov. 27	125	1339
Henderson, Charles A., Anderson, Ind. Insecticide.....	56,758	Oct. 16	124	2174
Henis Fruit Press Co., New York, N. Y. Fruit-presses.....	48,926	Jan. 16	120	896
Henke, Elizabeth, Stanley, Wis. Remedy for dropsy.....	52,454	May 8	122	721
Hennessy & Co., Jas., Cognac, France. Brandy.....	54,446	June 26	122	2995
Hennessy & Co., Jas., Cognac, France. Brandy.....	56,588	Oct. 9	124	1838
Hennessy & Co., Jas., Cognac, France. Brandy.....	56,589	Oct. 9	124	1838
Hennessy & Co., Jas., Cognac, France. Brandy.....	58,308	Dec. 11	125	2041
Henry B. Gilpin Co., Baltimore, Md. Rye whisky.....	50,160	Mar. 6	121	329
Henry B. Gilpin Co., Baltimore, Md. Rye whisky.....	50,298	Mar. 6	121	334
Henry Block Co., Limited, New Orleans, La. Wine.....	50,268	Mar. 6	121	333
Henry Block Co., Limited, New Orleans, La. Wine.....	53,003	May 22	122	1390
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	49,399	Feb. 6	120	1814
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	49,400	Feb. 6	120	1814
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	49,401	Feb. 6	120	1814
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	49,402	Feb. 6	120	1814

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	49,403	Feb. 6	120	1814
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	49,654	Feb. 13	120	2118
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saw-swages.....	49,711	Feb. 13	120	2121
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	53,678	June 12	122	2376
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	53,699	June 12	122	2377
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	53,700	June 12	122	2377
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	53,701	June 12	122	2377
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	53,702	June 12	122	2377
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	53,752	June 12	122	2379
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	54,244	June 26	122	2987
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	54,245	June 26	122	2987
Henry E. Frankenberg Co., New York, N. Y. Woolen, worsted, and mohair yarns.....	49,194	Jan. 30	120	1467
Henry E. Frankenberg Co., New York, N. Y. Woolen, worsted, and mohair yarns.....	49,195	Jan. 30	120	1467
Henry E. Frankenberg Company, New York, N. Y. Threads, chenille, and arrasene.....	49,051	Jan. 23	120	1156
Henry E. Frankenberg Company, New York, N. Y. Silks.....	49,052	Jan. 23	120	1156
Henry E. Frankenberg Company, New York, N. Y. Trimmings and braids.....	49,196	Jan. 30	120	1467
Henry E. Frankenberg Company, New York, N. Y. Trimmings and braids.....	49,197	Jan. 30	120	1467
Henry E. Frankenberg Company, New York, N. Y. Woolen, worsted, and mohair yarns.....	49,198	Jan. 30	120	1467
Henry E. Frankenberg Company, New York, N. Y. Silks.....	49,235	Jan. 30	120	1469
Henry E. Frankenberg Company, New York, N. Y. Threads, chenille, tinsel, and arrasene.....	49,275	Jan. 30	120	1470
Henry E. Frankenberg Company, New York, N. Y. Woolen, worsted, and mohair yarns.....	52,442	May 8	122	720
Henry E. Frankenberg Company, New York, N. Y. Woolen, worsted, and mohair yarns.....	52,443	May 8	122	720
Henry Elias Brewing Company, New York, N. Y. Beer and lager-beer.....	58,280	Dec. 11	125	2040
Henry Heil Chemical Co., St. Louis, Mo. Liquid medicinal preparation.....	50,270	Mar. 6	121	333
Henry Milward & Sons, Limited, Redditch, England. Needles for hand and machine sewing.....	51,557	Apr. 17	121	2318
Henry Milward & Sons, Limited, Redditch, England. Needles for hand and machine sewing.....	52,328	May 8	122	715
Henry Milward & Sons, Limited, Redditch, England. Fish-hooks.....	52,485	May 8	122	722
Henry Milward & Sons Limited, Redditch, England. Fish-hooks, artificial flies, and artificial baits.....	53,549	June 5	122	2054
Henry Milward & Sons, Limited, Redditch, England. Needles for hand-sewing.....	55,243	Aug. 7	123	1985
Henry Milward & Sons, Limited, Redditch, England. Fishing-lines, fishing-gut, and gut lines.....	55,480	Aug. 14	123	2304
Henry Milward & Sons, Limited, Redditch, England. Certain fishing-tackle.....	57,216	Nov. 6	125	344
Henry Milward & Sons, Limited, Redditch, England. Hand-sewing needles, knitting-needles, and crochet-hooks.....	58,215	Dec. 11	125	2038
Henry Milward & Sons, Limited, Redditch, England. Certain named fishing-tackle.....	58,309	Dec. 11	125	2041
Henry Milward & Sons, Limited, Redditch, England. Certain named fishing-tackle.....	58,949	Dec. 25	125	2758
Henry Pollock Trunk Co., Dallas, Tex. Trunks, suit-cases, traveling-bags, satchels, and telescopes.....	50,615	Mar. 27	121	1336
Henry, Robert K., New York, N. Y. Skin creams or lotions.....	57,860	Nov. 27	125	1345
Henry Tobias and Company, New York, N. Y. Cigars.....	53,311	May 29	122	1715
Henseler, A. J., Peoria, Ill. Whisky.....	57,644	Nov. 27	125	1339
Henton, Clarence H., Chicago, Ill. Toilet powder.....	58,077	Dec. 4	125	1694
Hentz Company, Philadelphia, Pa. Specific for certain named diseases.....	56,996	Oct. 30	124	2896
Hentz, Jacob H., Jr., Philadelphia, Pa. Rye whisky.....	53,823	June 12	122	2381
Herb, Ferdinand, Superior, Wis. Medicinal preparation.....	51,932	Apr. 24	121	2659
Herb, Ferdinand, Superior, Wis. Skin-food in liquid form.....	56,893	Oct. 23	124	2529
Herb Medicine Company, Springfield, Ohio. Food and medicine for live stock and poultry.....	49,498	Feb. 6	120	1818
Herb Medicine Company, Springfield, Ohio. Liquid preparation for internal and external application.....	58,078	Dec. 4	125	1694
Herbst Importing Co., S. C., Milwaukee, Wis. Cocktails.....	53,895	June 12	122	2384
Herbst, Solomon C., Milwaukee, Wis. All kinds of whiskeys.....	49,901	Feb. 20	120	2437
Hercules Paper Bag Company, Reading, Pa. Paper bags.....	57,941	Dec. 4	125	1690
Herendene Manufacturing Co., Geneva, N. Y. Steam and hot-water heaters and parts thereof.....	51,497	Apr. 17	121	2316
Herkuleswerke, Corsett- und Spiralfeder- Fabriken, G. M. B. H., Oberkaufungen, near Cassel, Germany. Clothes-stiffeners and corset-stays of spiral wire of all kinds.....	56,508	Oct. 2	124	1517
Herman Wupperman Gesellschaft mit beschränkter Haftung, Pinneberg, Germany. Wrought-iron hollow ware.....	51,843	Apr. 24	121	2656
Hern, Marshall B., London, England. Violins, violoncellos, violas, and parts of such instruments.....	54,854	July 31	123	1659
Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y. Safes.....	52,827	May 22	122	1383
Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y. Safes.....	54,280	June 26	122	2989
Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y. Safes.....	54,710	June 26	122	3006
Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y. Safes.....	56,278	Sept. 4	124	315
Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y. Safes.....	56,279	Sept. 4	124	315
Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y. Safes.....	56,287	Sept. 4	124	315
Herrmann, Oscar, New York, N. Y. Organs.....	51,031	Apr. 3	121	1666
Hersey Manufacturing Company, Boston, Mass. Fluid-meters.....	54,749	June 26	122	3008
Hersey, Oscar H., Portland, Me. Wooden toothpicks.....	52,205	May 1	122	347
Hershey, Milton S., Derry Church, Pa. Sweetened chocolate and candy of all kinds.....	52,397	May 8	122	718
Hershey, Milton S., Derry Church, Pa. Sweetened chocolate and candy of all kinds.....	52,398	May 8	122	718
Hershey, Milton S., Derry Church, Pa. Sweetened chocolate and candy of all kinds.....	52,399	May 8	122	718
Hershey, Milton S., Derry Church, Pa. Chocolate, cocoa, and preparations thereof.....	54,041	June 19	122	2678
Hershey, Milton S., Derry Church, Pa. Chocolate, cocoa, and chocolate preparations.....	54,497	June 26	122	2998
Hertfelder Bros., Philadelphia, Pa. Coats, vests, and trousers.....	58,923	Dec. 25	125	2757
Hesoun, Frank, Jr., Cleveland, Ohio. Whisky.....	56,448	Sept. 25	124	1202
Hess-Bright Manufacturing Co., Philadelphia, Pa. Ball-bearings.....	50,105	Mar. 6	121	326
Hess-Bright Manufacturing Co., Philadelphia, Pa. Ball-bearings.....	53,631	June 5	122	2057
Hess & Clark, Dr., Ashland, Ohio. Worm-powder.....	50,235	Mar. 6	121	332
Hess & Clark, Dr., Ashland, Ohio. Food and medicine for poultry.....	51,558	Apr. 17	121	2318
Hess & Clark, Dr., Ashland, Ohio. Gall cure.....	51,559	Apr. 17	121	2318
Hess & Clark, Dr., Ashland, Ohio. Powder for killing vermin and disinfecting.....	51,560	Apr. 17	121	2318
Hess & Clark, Dr., Ashland, Ohio. Insect killer or exterminator.....	52,175	May 1	122	345
Hess & Clark, Dr., Ashland, Ohio. Heave-powder.....	53,081	May 22	122	1393
Hess & Clark, Dr., Ashland, Ohio. Medicinal and stock food.....	53,247	May 29	122	1713
Hess & Clark, Dr., Ashland, Ohio. Poultry medicine.....	55,752	Aug. 21	123	2615
Hess, Goldsmith & Co., New York, N. Y. Dull hard-twisted silk crape.....	57,164	Nov. 6	125	343
Hess, Lippman E., Philadelphia, Pa. Rain-proof coats.....	52,828	May 22	122	1383
Hess-Snyder Co., Massillon, Ohio. Heating furnaces, stoves, and ranges.....	58,228	Dec. 11	125	2039
Hessberg, Magnus, Richmond, Va. Sole and harness leather.....	50,972	Apr. 3	121	1664
Hessberg, Phillip W., Richmond, Va. Leather boots and shoes.....	57,782	Nov. 27	125	1343
Hessenbruch, Hermann, Philadelphia, Pa. Razors.....	53,659	June 12	122	2375
Hessenbruch, Hermann, Philadelphia, Pa. Knives, scissors, and shears.....	56,302	Sept. 11	124	619
Heublein & Bro., G. F., Hartford, Conn. Medicinal beverages for certain named diseases.....	57,857	Nov. 27	125	1315
Heuter, E. L., San Francisco, Cal. Varnish.....	53,660	June 12	122	2375
Hewlett & Lee, New York, N. Y. Cotton cloth.....	50,721	Mar. 27	121	1340
Hewlett & Lee, New York, N. Y. Cotton cloth.....	50,722	Mar. 27	121	1340
Hewlett & Lee, New York, N. Y. Cotton cloth.....	50,723	Mar. 27	121	1340
Hewlett & Lee, New York, N. Y. Tea.....	51,792	Apr. 24	121	2653
Hewlett & Lee, New York, N. Y. Tea.....	51,816	Apr. 24	121	2654

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Heying, Louis, Baltimore, Md. Loaves of bread.....	51,817	Apr. 24	121	2655
Heyl, Cornelius, Worms, Germany. Patent-leather, calfskins, and waxed calfskins.....	48,818	Jan. 16	120	892
Heyl, Cornelius, Worms, Germany. Patent-leather, calfskins, and waxed calfskins.....	54,827	July 31	123	1658
Heyman & Co., Oscar, New York, N. Y. Corks.....	52,069	May 1	122	341
Heywood Boot & Shoe Company, Worcester, Mass. Leather boots and shoes.....	55,071	Aug. 7	123	1981
Heywood Boot & Shoe Company, Worcester, Mass. Leather shoes.....	53,309	Aug. 14	123	2300
Heywood Boot & Shoe Company, Worcester, Mass. Leather boots and shoes.....	55,310	Aug. 14	123	2300
Hezel Milling Company, East St. Louis, Ill. Wheat-flour.....	48,992	Jan. 16	120	899
Hezel Milling Company, East St. Louis, Ill. Wheat-flour.....	49,276	Jan. 30	120	1471
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Certain named knives and razors.....	52,680	May 15	122	1036
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Sewing-machines and sewing-machine parts.....	52,681	May 15	122	1036
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Certain named knives and razors.....	52,682	May 15	122	1036
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Telephones and parts thereof.....	52,697	May 15	122	1036
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Silver-plated hollow ware, flat ware, and tableware.....	52,721	May 15	122	1037
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Harness, saddles, and parts thereof.....	52,722	May 15	122	1037
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Harness, saddles, and parts thereof.....	52,723	May 15	122	1037
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Silver-plated hollow ware, flat ware, and tableware.....	52,724	May 15	122	1037
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Certain named knives.....	53,178	May 29	122	1710
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Lawn-mowers and parts thereof.....	53,248	May 29	122	1713
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Shovels, spades, scoops, and spading-forks.....	53,550	June 5	122	2054
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Shears and scissors.....	53,679	June 12	122	2376
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Saws and saw-blades.....	53,680	June 12	122	2376
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Food and meat choppers.....	53,681	June 12	122	2376
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Shotguns, rifles, pistols, and parts thereof.....	53,979	June 19	122	2676
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Kitchen utensils made of tin.....	54,042	June 19	122	2678
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Axes, hatchets, and adzes.....	54,059	June 19	122	2679
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Knives and razors.....	54,060	June 19	122	2659
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Axes, hatchets, and adzes.....	54,061	June 19	122	2679
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Base-balls, foot-balls, and tennis-balls.....	54,079	June 19	122	2680
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Axes, hatchets, and adzes.....	54,106	June 19	122	2681
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Axes, hatchets, and adzes.....	54,107	June 19	122	2681
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Foot-balls, base-balls, and tennis-balls.....	54,141	June 19	122	2682
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Knives and razors.....	54,246	June 26	122	2987
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Bicycles, tricycles, velocipedes, and parts thereof.....	54,247	June 26	122	2987
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Mixed paints.....	54,468	June 26	122	2996
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Household utensils made of enameled steel or iron ware.....	54,601	June 26	122	3002
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Mixed paints.....	55,037	Aug. 7	123	1980
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Fishing-rods.....	55,038	Aug. 7	123	1980
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Silver and silver-plated hollow ware, flat ware, and tableware.....	55,072	Aug. 7	123	1981
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Rubber and hemp packing.....	55,073	Aug. 7	123	1981
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Razor-strops and hones.....	55,074	Aug. 7	123	1981
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Scythes, scythe-blades, and grass-hooks.....	55,082	Aug. 7	123	1981
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Axes, hatchets, and adzes.....	55,180	Aug. 7	123	1984
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Gimlet-bits, auger-bits, and braces.....	55,497	Aug. 14	123	2305
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Fishing-rods.....	55,874	Aug. 21	123	2618
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Clocks and watches.....	56,686	Oct. 16	124	2172
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Stoves, ranges, and furnaces, and castings thereof.....	56,687	Oct. 16	124	2172
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Mixed paints.....	56,813	Oct. 23	124	2527
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Hammers.....	56,922	Oct. 23	124	2530
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Saw-sets and nail-sets.....	56,923	Oct. 23	124	2530
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Chisels, cold-chisels, and gouges.....	57,411	Nov. 13	125	657
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Files and rasps.....	57,455	Nov. 13	125	658
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Saws and saw-blades.....	57,456	Nov. 13	125	658
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Lanterns.....	57,806	Nov. 27	125	1543
Hickson, Stephen, New York, N. Y. Gold-leaf.....	49,435	Feb. 6	120	1815
Hiehle, Ernest O., Parkersburg, W. Va. Carbonated mineral table-water.....	58,791	Dec. 25	125	2754
Higdon, John C., St. Louis, Mo. Automobiles.....	53,725	June 12	122	2377
Highland Drug Company, Newburgh, N. Y. Remedy for diseases of the liver and digestive tract.....	51,651	Apr. 17	121	2322
Highland Milling Company, Highland, Ill. Wheat-flour.....	52,954	May 22	122	1388
Highland Park Manufacturing Company, Charlotte, N. C., and Rockhill, S. C. Gingham.....	56,958	Oct. 30	124	2895
Highland Park Manufacturing Company, Charlotte, N. C., and Rockhill, S. C. Gingham.....	56,959	Oct. 30	124	2895
Highland Park Manufacturing Company, Charlotte, N. C., and Rockhill, S. C. Gingham.....	57,807	Nov. 27	125	1343
Higley, Christina J., New York, N. Y. Hose-supporters.....	49,277	Jan. 30	120	1471
Higley, Christina J., New York, N. Y. Hose-supporters.....	49,822	Feb. 20	120	2434
Higley, Christina J., New York, N. Y. Hose-supporters.....	49,823	Feb. 20	120	2434
Higley, Christina J., New York, N. Y. Hose-supporters.....	49,858	Feb. 20	120	2435
Higley, Christina J., New York, N. Y. Garters.....	50,787	Mar. 27	121	1343
Higley, Christina J., New York, N. Y. Hose-supporters.....	51,652	Apr. 17	121	2322
Higley Machine Co., Croton Falls and New York, N. Y. Metal-sawing machines and saws therefor.....	57,425	Nov. 13	125	657
Hilbert Mercantile Co., San Francisco, Cal. Whisky.....	52,647	May 15	122	1034
Hilbert Mercantile Co., San Francisco, Cal. Whisky.....	57,710	Nov. 27	125	1341
Hildreth, Herbert L., Boston, Mass. Candy.....	52,070	May 1	122	341
Hill, James B., Los Angeles, Cal. Metal-polish.....	52,301	May 8	122	714
Hill, Joseph P., Worcester, Mass. Ash-sifters.....	52,849	May 22	122	1384
Hill, Robert, New York, N. Y. Olive-oil.....	52,753	May 15	122	1039
Hill, Robert, New York, N. Y. Olive-oil.....	52,754	May 15	122	1039
Hill, Robert, New York, N. Y. Olive-oil.....	52,755	May 15	122	1039
Hill, Thomas A. (See Harold, James J., assignor.)				
Hill, Thomson & Co., Edinburgh, Scotland. Whisky.....	56,869	Oct. 23	124	2528
Hill Top Oil Co. Ltd., New Orleans, La. Axle-grease.....	53,461	June 5	122	2050
Hiller Confectionery Company, Canajoharie, N. Y. Candy.....	54,469	June 26	122	2996
Hillicher & Son, J. F., Louisville, Ky. Base-ball bats.....	50,812	Apr. 3	121	1657
Hillicher & Son, J. F., Louisville, Ky. Base-ball bats.....	56,894	Oct. 23	124	2529
Hills Bros., San Francisco, Cal. Coffee.....	51,468	Apr. 17	121	2315
Hilmar Ehrmann & Co., Louisville, Ky. Whisky.....	56,997	Oct. 30	124	2896
Hilo Gum Co., Chicago, Ill. Chewing-gum.....	55,385	Aug. 14	123	2302
Hilpp & Company, S. A., Louisville, Ky. Coats, vests, and trousers.....	55,537	Aug. 14	123	2306
Himes, Jacob E., Kansas City, Mo. Brewers' pitch.....	53,221	May 29	122	1712
Hinds, Aurelius S., Portland, Me. Liquid lotion or emulsion for the skin.....	54,660	June 26	122	3004
Hinds & Coon, Boston, Mass. Metal-polish.....	50,070	Mar. 6	121	325

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Hine & Lynch, Poughkeepsie, N. Y. Leather boots and shoes.	49,153	Jan. 23	120	1160
Hinkle Shoe Co., Evansville, Ind. Leather boots and shoes.	48,499	Jan. 2	120	317
Hinkley Bone Liniment Company, Saginaw, Mich. Liniment.	53,312	May 29	122	1715
Hinton, Jno., assignor, by mesne assignments, to Brassar Company, Incorporated, Richmond, Va. Non-alcoholic tonic beverage.	51,443	Apr. 17	121	2314
Hiram Walker & Sons, Limited, Walkerville, Ontario, Canada, and Detroit, Mich. Whisky.	56,449	Sept. 25	124	1202
Hirsch Brothers, New Haven, Conn. Waterproof hats and caps.	54,043	June 19	122	2678
Hirsch Brothers, New Haven, Conn. Leather and canvas boots and shoes.	54,080	June 19	122	2680
Hirsch & Co., S., Kansas City, Mo. Whisky.	52,176	May 1	122	345
Hirsch & Co., S., Kansas City, Mo. Whisky.	54,750	June 26	122	3008
Hirsch & Co., S., Kansas City, Mo. Whisky.	57,312	Nov. 13	125	654
Hirsch & Co., S., Kansas City, Mo. Whisky.	58,483	Dec. 18	125	2354
Hirschberg, Hermann M., New York, N. Y. Electric lamps and carbons therefor.	54,751	June 26	122	3008
Hirschhorn, Edward, New York, N. Y. Whisky.	52,543	May 8	122	724
Hirschman, Harris, Baltimore, Md. Black Graham bread.	50,327	Mar. 13	121	681
Hirsh Brothers, New Haven, Conn. Garment-supporter clasps.	52,360	May 8	122	717
Hirsh Brothers, New Haven, Conn. Waterproof textile fabrics and garments made therefrom.	51,076	Apr. 3	121	1668
Hirschberg, Simon, Boston, Mass. Ladies', men's, and children's leather shoes.	49,547	Feb. 6	120	1820
Hitchner Biscuit Co., West Pittston, Pa. Biscuits, crackers, and wafers.	51,561	Apr. 17	121	2318
Hite, William T., Walnut, Kans. Ointment.	54,661	June 26	122	3004
Hobson Houghton & Co. Ltd., Sheffield, England. Steel in bars, plates, rods, and wire.	57,506	Nov. 13	125	659
Hobson, Houghton & Co. Ltd., Sheffield, England. Steel.	51,292	Apr. 10	121	1971
Hochbaum, Jacob, Little Rock, Ark. Cakes.	48,547	Jan. 2	120	319
Hochstadter, Sigmund, New York, N. Y. Wines.	48,582	Jan. 2	120	320
Hochstadter, Sigmund, New York, N. Y. Cognac.	48,819	Jan. 16	120	892
Hochstadter, Sigmund, New York, N. Y. Cocktails.	51,238	Apr. 10	121	1969
Hochstadter, Sigmund, New York, N. Y. Gin.	51,239	Apr. 10	121	1969
Hochstadter, Sigmund, New York, N. Y. Cordials.	53,551	June 5	122	2054
Hochstadter, Sigmund, New York, N. Y. Bitters.	56,450	Sept. 25	124	1202
Hochstadter, Sigmund, New York, N. Y. Clet.				
Hodge Fence & Lumber Co., Ltd., Lake Charles, La. Wire fences and combination wood and wire fences.	54,009	June 19	122	2677
Hoerber Brewing Co., J. L., Chicago, Ill. Beer.	51,293	Apr. 10	121	1971
Hoffheimer Bros. Co., Cincinnati, Ohio. Whisky.	49,782	Feb. 13	120	2123
Hoffheimer Bros. Co., Cincinnati, Ohio. Whisky.	49,818	Feb. 20	120	2434
Hoffheimer Bros. Co., Cincinnati, Ohio. Whisky.	50,528	Mar. 20	121	1006
Hoffheimer Bros. Co., Cincinnati, Ohio. Whisky.	53,126	May 29	122	1708
Hoffheimer Bros. Co., Cincinnati, Ohio. Whisky.	53,600	June 5	122	2056
Hoffheimer Bros. Co., Cincinnati, Ohio. Whisky.	53,632	June 5	122	2058
Hoffheimer Soap Co., Chicago, Ill. Monthly magazine.	49,199	Jan. 30	120	1467
Hoffheimer Soap Co., Chicago, Ill. Monthly magazine.	49,200	Jan. 30	120	1467
Hoffheimer Soap Co., Chicago, Ill. Soap.	49,376	Feb. 6	120	1813
Hoffheimer Soap Co., Chicago, Ill. Soap.	49,655	Feb. 13	120	2118
Hoffheimer Soap Co., Chicago, Ill. Soap for cleaning and dressing harness.	54,919	Aug. 7	123	1977
Hoffman and Co., Red Hook, N. Y. Smoking and chewing tobacco.	49,377	Feb. 6	120	1813
Hoffman and Co., Red Hook, N. Y. Chewing and smoking tobacco.	52,486	May 8	122	722
Hoffman and Co., Red Hook, N. Y. Smoking and chewing tobacco.	57,114	Nov. 6	125	341
Hoffman-Corr Mfg. Co., Philadelphia, Pa. Flags.	55,039	Aug. 7	123	1980
Hoffman-Corr Mfg. Co., Philadelphia, Pa. Awning-cloths, duck, and canvas.	56,643	Oct. 16	124	2171
Hoffman-Corr Mfg. Co., Philadelphia, Pa. Hammocks and hammock-making nets and netting.	57,217	Nov. 6	125	344
Hoffman-Corr Mfg. Co., Philadelphia, Pa. Rope, cord, twine, clothes, chalk, plow, binding, and wrapping lines.	58,189	Dec. 11	125	2037
Hoffman-Corr Mfg. Co., Philadelphia, Pa. Woven tapes, bindings, and braids.	58,344	Dec. 11	125	2041
Hoffman, Emil, Leipsic-Lindenau, Germany. Flour paste.	54,784	July 31	123	1657
Hoffman, George W., Indianapolis, Ind. Compound for polishing.	55,855	Aug. 21	123	2618
Hoffman and Murphy, Chicago, Ill. Overcoat-collars.	56,170	Aug. 28	123	2970
Hoffmann-La Roche & Co., F., Basel, Switzerland. Antineuralgic and antirheumatic.	58,757	Dec. 25	125	2753
Hoffmann-La Roche & Co., F., Basel, Switzerland. Liquid purified extract of ergot.	58,830	Dec. 25	125	2755
Hogansville Manufacturing Company, Hogansville, Ga. Cotton duck.	50,174	Mar. 6	121	329
Hogansville Manufacturing Company, Hogansville, Ga. Cotton duck.	50,546	Mar. 20	121	1007
Hogg, James R., Poplar Bluff, Mo. Whisky.	56,519	Oct. 2	124	1518
Högyes' Asbestos Sock Coy., Dr., London, England. Asbestos sock-soles.	50,833	Apr. 3	121	1658
Hohenadel, P., Jr., Janesville, Wis., and Rochelle, Ill. Canned corn.	51,765	Apr. 24	121	2652
Hohenadel, P., Jr., Janesville, Wis., and Rochelle, Ill. Canned corn.	52,979	May 22	122	1389
Hohenadel, P., Jr., Janesville, Wis., and Rochelle, Ill. Canned corn and canned sauer-kraut.	54,513	June 26	122	2998
Hohenadel, P., Jr., Janesville, Wis., and Rochelle, Ill. Canned corn and canned sauer-kraut.	54,514	June 26	122	2998
Hohner, Firm of M., New York, N. Y. Mouth-harmonicas.	51,890	Apr. 24	121	2657
Hohner, Firm of M., New York, N. Y. Mouth-harmonicas.	57,457	Nov. 13	125	658
Hohner, Firm of M., New York, N. Y. Mouth-harmonicas.	57,507	Nov. 13	125	659
Hohner, Firm of M., New York, N. Y. Mouth-harmonicas and accordions.	57,508	Nov. 13	125	659
Hol-Tan Company, New York, N. Y. Automobiles.	54,281	June 26	122	2989
Hol-Tan Company, New York, N. Y. Automobiles.	56,960	Oct. 30	124	2895
Holberg, Abraham S., Mobile, Ala. Ginger-ale.	52,096	May 1	122	342
Holbrook Mfg. Co., New York, N. Y. Carbonate of soda.	57,861	Nov. 27	125	1345
Holbrook Mfg. Co., New York, N. Y. Soap and soap powder.	58,792	Dec. 25	125	2754
Holden Drug Co., Stockton, Cal. Flavoring extracts.	58,645	Dec. 18	125	2358
Holden, George C., Philadelphia, Pa. Headache remedy and tonic.	48,524	Jan. 2	120	318
Holeproof Hosiery Company, Milwaukee, Wis. Hosiery.	57,783	Nov. 27	125	1343
Holgate, George H., Philadelphia, Pa. Self-carbureting lamps.	53,144	May 29	122	1709
Holland & Holland, Fresno, Cal. Sublimed sulfur.	58,794	Dec. 25	125	2754
Holland Medicine Company, Washington, D. C., and Philadelphia, Pa. Medicinal oil for internal and external use.	55,753	Aug. 21	123	2615
Holland Medicine Company, Washington, D. C., and Philadelphia, Pa. Medicinal oil.	55,754	Aug. 21	123	2615
Holland Medicine Company, Washington, D. C., and Philadelphia, Pa. Liver-tonic, laxative, and blood-purifying medicine.	58,755	Dec. 25	125	2753
Holland Rusk Co., Holland, Mich. Rusks.	49,656	Feb. 13	120	2118
Holland Rusk Co., Holland, Mich. Biscuits known as rusks.	52,206	May 1	122	347
Hollenden Hotel Company, Cleveland, Ohio. Whisky.	57,278	Nov. 13	125	653
Holler & Co., John S., New York, N. Y. Certain named cutlery.	55,498	Aug. 14	123	2305
Holler & Co., John S., New York, N. Y. Certain named cutlery.	56,044	Aug. 21	123	2623
Holley & Co., S. C., Danbury, Conn. Stiff fur hats.	51,077	Apr. 3	121	1668
Holliday, W. H., Albertville, Ala. Medicine for diseases of the vagina.	49,336	Jan. 30	120	1473
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags and sacks.	50,651	Mar. 27	121	1337
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,135	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,136	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,137	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,138	Apr. 3	121	1671

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,139	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,140	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,141	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,142	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,143	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	51,144	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Writing-paper.	51,145	Apr. 3	121	1671
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	53,223	May 29	122	1712
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	53,343	May 29	122	1717
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	53,384	June 5	122	2047
Hollingsworth & Whitney Company, Boston, Mass. Wrapping-paper, paper bags, and paper sacks.	53,385	June 5	122	2047
Hollingsworth, Robert, Lincoln, Nebr. Account-books.	54,828	July 31	123	1658
Holloway, William, Philadelphia, Pa. Medicated confections.	48,685	Jan. 9	120	649
Holloway, William, Philadelphia, Pa. Bitters.	48,686	Jan. 9	120	649
Holloway, William, Philadelphia, Pa. Medicated ointment.	53,207	May 29	122	1711
Holmes & Barber, Valdosta, Ga. Ginger-ale.	54,551	June 26	122	3000
Holmes, Harvey, Farragut, Iowa. Salve.	58,795	Dec. 25	125	2754
Holmes, Robert T., Mattoon, Ill. Whisky.	56,688	Oct. 16	124	2172
Holophane Glass Company, New York, N. Y. Periodical publication.	53,806	June 12	122	2381
Holthusen, Adolf R., New York, N. Y. Ginger-ale.	51,818	Apr. 24	121	2655
Holtz & Adams, New York, N. Y. Almond-meal compound for the toilet.	56,520	Oct. 2	124	1518
Holtzer-Cabot Electric Co., Brookline, Mass. Certain named electrical apparatus.	58,523	Dec. 18	125	2355
Holverscheld & Company, Henry, Chicago, Ill. Bituminous and semibituminous coal.	57,890	Dec. 4	125	1689
Holzapiel's Compositions Company, Limited, Newcastle-upon-Tyne, England. Detergent preparation.	49,859	Feb. 20	120	2435
Holzapiel's Compositions Company, Limited, Newcastle-upon-Tyne, England. Paints, mixed paints, and enamels.	58,489	Dec. 18	125	2354
Holzman Mfg. Co., Baltimore, Md., and New York, N. Y. Shirt-waists and shirt-waist suits.	54,662	June 26	122	3004
Holzman, Samuel, New York, N. Y. Pills and cough medicine.	50,724	Mar. 27	121	1340
Holzmark, Bernard, Kansas City, Mo. Whisky.	57,645	Nov. 27	125	1339
Home Game Co., Buffalo, N. Y. Game apparatus.	55,499	Aug. 14	123	2305
Home Game Company, Chicago, Ill. Playing-cards.	56,571	Oct. 9	124	1837
Home Life Publishing Company, Chicago, Ill. Magazine or periodical.	55,329	Aug. 14	123	2301
Home Physician Co., Mercersburg, Pa. Portable cabinet for medicines.	54,847	July 31	123	1659
Home Remedy Co., South Haven, Mich. Remedy for catarrh, hay-fever, and cold in the head.	51,350	Apr. 10	121	1973
Home Silk Mills, New York, N. Y. Silk piece goods.	55,130	Aug. 7	123	1983
Homefolks Publishing Company, Chicago, Ill. Magazine or periodical.	49,474	Feb. 6	120	1817
Hone, Daniel, London, England. Natural and artificial whalebone.	50,204	Mar. 6	121	330
Hood, James M., Albertville, Ala. Liniment.	50,747	Mar. 27	121	1341
Hood Rubber Co., Boston, Mass. Tennis-shoes.	50,547	Mar. 20	121	1007
Hood Rubber Co., Boston, Mass. Rubber boots and shoes.	55,075	Aug. 7	123	1981
Hook & Crownfield, Baltimore, Md. Chocolate-coated candy.	52,071	May 1	122	341
Hoon, Nettie M., Mercer, Pa. Antiseptic solution.	52,142	May 1	122	344
Hooper Medicine Company Hillsboro, Tex. Cure for tetter.	53,313	May 29	122	1716
Hoover & Bros., P. L., Carlisle, Ind. Liniment.	50,788	Mar. 27	121	1343
Hopkins, Ferdinand T., New York, N. Y. Soap.	48,479	Jan. 2	120	316
Hopkins, Ferdinand T., New York, N. Y. Face-powder.	51,613	Apr. 17	121	2320
Hopkins, Ferdinand T., New York, N. Y. Depilatory powders.	54,663	June 26	122	3004
Horace Barber Distilling Company, Warehouse Point, Conn. Gin.	58,258	Dec. 11	125	2039
Horace Barber Distilling Company, Warehouse Point, Conn. Gin.	58,281	Dec. 11	125	2040
Horace Barber Distilling Company, Warehouse Point, Conn. Gin.	58,888	Dec. 25	125	2756
Horace Waters & Co., New York, N. Y. Piano-players and player-pianos.	57,392	Nov. 13	125	656
Horace Waters & Company, New York, N. Y. Pianos.	57,367	Nov. 13	125	656
Horn, James A., Hornsprings, Tenn. Mineral water.	53,314	May 29	122	1716
Horne & Co., John A., Baltimore, Md. Overshirts.	58,977	Dec. 25	125	2759
Horowitz, Arthur, Berlin, Germany. Remedies for diseases of the urinary and genital organs.	58,756	Dec. 25	125	2753
Horowitz, Arthur, Berlin, Germany. Remedy for diseases of the lungs.	58,831	Dec. 25	125	2755
Horton-Angell Company, Attleboro, Mass. Certain named jewelry.	58,014	Dec. 4	125	1692
Horton Manufacturing Company, Bristol, Conn. Fishing-rods.	52,756	May 15	122	1039
Horton Mfg. Co., Bristol, Conn. Steel fishing-rods.	50,916	Apr. 3	121	1661
Horton, Stephen D., Peekskill, N. Y. Fire-bricks for lining stoves and furnaces.	52,548	May 15	122	1031
Horwood, Edward H., New York, N. Y. Underwaists.	48,711	Jan. 9	120	650
Horwood, Edward H., New York, N. Y. Underwaists.	53,552	June 5	122	2054
Hosford & Clark, New York, N. Y. Knitted, netted, and lace hosiery and underwear.	56,521	Oct. 2	124	1518
Hospital Supply Company, New York, N. Y. Certain named surgical apparatus.	58,950	Dec. 25	125	2758
Hoster-Columbus Associated Breweries Co., Columbus, Ohio. Beer.	51,681	Apr. 24	121	2649
Hoster-Columbus Associated Breweries Co., Columbus, Ohio. Beer.	53,884	June 12	122	2384
Hoster-Columbus Associated Breweries Co., Columbus, Ohio. Beer.	54,602	June 26	122	3002
Hoster-Columbus Associated Breweries Co., Columbus, Ohio. Beer.	54,603	June 26	122	3002
Hot Shot Medicine Co., Kane, Pa. Remedies for rheumatism for internal and external use.	50,789	Mar. 27	121	1343
Hotel Security Checking Company, Medford, Mass. Checks or slips and checkers' sheets.	54,829	July 31	123	1658
Houck & Dieter Co., El Paso, Tex. Whisky.	48,854	Jan. 16	120	894
House, Charles H., Buffalo, N. Y. Non-alcoholic acidulated carbonated soda-water.	55,685	Aug. 21	123	2613
Household Sewing Machine Co., Providence, R. I. Sewing-machines and sewing-machine parts.	49,933	Feb. 27	120	2745
Household Sewing Machine Co., Providence, R. I. Sewing-machines and sewing-machine parts.	51,212	Apr. 10	121	1968
Household Sewing Machine Co., Providence, R. I. Sewing-machines and parts thereof.	51,933	Apr. 24	121	2659
Hovey & Co., C. F., Boston, Mass. Dress-shields.	53,249	May 29	122	1713
Howard, Wm. G., et al., executors. (See Beckwith, Philo D.)				
Howe Brown & Co. Ltd., Pittsburg, Pa. Steel.	50,876	Apr. 3	121	1660
Howe, Brown & Co., Ltd., Pittsburg Pa. Steel.	54,307	June 26	122	2990
Howe, Charles L., Boston, Mass. Certain named chemical preparation.	54,108	June 19	122	2681
Howe & French Isinglass Co., Boston, Mass. Isinglass of a gelatinous nature.	55,563	Aug. 14	123	2307
Howe & French Isinglass Co., Boston, Mass. Isinglass of a gelatinous nature.	55,564	Aug. 14	123	2307
Howe & Howe, Boston, Mass. Dress, bosom, and negligée shirts.	49,712	Feb. 13	120	2121
Howe & Howe, Boston, Mass. Undershirts and drawers.	56,138	Aug. 28	123	2969
Howell Mfg. Co., Hamilton, Ohio. Baking-powder.	54,552	June 26	122	3000
Howells Mining Drill Co., Plymouth, Pa. Drills and drilling-machines.	52,361	May 8	122	717
Hower, Frank B., Buffalo, N. Y. Lubricating oils and grease.	50,466	Mar. 20	121	1004
Hoyt Brothers & Company, Lynn, Mass. Machines for washing bottles.	56,924	Oct. 23	124	2530
Hoyt, Joseph M., Danvers, Mass. Checking-crayons, school-crayons, and marking-crayons.	53,422	June 5	122	2049
Hubbard & Co., J., Boston, Mass. Vegetable germicides.	51,351	Apr. 10	121	1974
Hubbs & Corning Co., Baltimore, Md. Wrapping-papers.	50,973	Apr. 3	121	1654
Hubbs & Corning Co., Baltimore, Md. Wrapping cord and twine.	52,362	May 8	122	717
Hubbs & Corning Co., Baltimore, Md. Toilet-papers.	52,421	May 8	122	719
Hubert, Isaac, Toledo, Ohio. Facial creams.	54,992	Aug. 7	123	1979
Huckins, Temple & Wood, Milford, Mass. Men's leather boots and shoes.	58,679	Dec. 25	125	2751

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Hudgin, Louis, Nogales, Ariz. Ter. Game-boards.	50,813	Apr. 3	121	1657
Hudson, Charles B., Manchester, N. H. Internal remedy for headache.	52,779	May 15	122	1040
Hudson & Co., Inc., New York, N. Y. Antiseptic liquid.	49,565	Feb. 13	120	2115
Hudson & Co., Inc., New York, N. Y. Preparations for the treatment of the head and hair.	53,082	May 22	122	1393
Hudson County Consumers Brewing Co., West Hoboken, N. J. Lager-beer.	52,520	May 8	122	723
Huenefeld, Ernst H., Cincinnati, Ohio. Removable ovens for cooking-stoves.	48,480	Jan. 2	120	316
Hughes Company, William G., Los Angeles, Cal. Antiseptic dressing.	54,044	June 19	122	2679
Hughes, Henry L., Chicago, Ill. Hair-brushes.	54,282	June 26	122	2989
Hughes, Russell M., Louisville, Ky. Fruit-juice beverage.	52,329	May 8	122	716
Hull Coal & Coke Corporation, Roanoke, Va. Coal.	50,814	Apr. 3	121	1657
Hull Coal and Coke Corporation, Roanoke, Va. Coal and coke.	52,072	May 1	122	341
Hulman & Co., Terre Haute, Ind. Baking-powder.	49,902	Feb. 20	120	2437
Hulman & Co., Terre Haute, Ind. Coffee.	50,236	Mar. 6	121	332
Hulman & Co., Terre Haute, Ind. Baking-powder.	50,272	Mar. 6	121	333
Hulman & Co., Terre Haute, Ind. Spices and mustard.	53,100	May 29	122	1707
Hulman & Co., Terre Haute, Ind. Whisky.	55,292	Aug. 14	123	2300
Hulse Bradford Co., San Francisco, Cal. Oil shade-cloth.	50,045	Feb. 27	120	2749
Hume Piano Co., Boston, Mass. Pianos.	57,808	Nov. 27	125	1343
Humidine Limited, London, England. Non-corrosive and antifouling paints and compositions.	55,481	Aug. 14	123	2305
Humphrey Coffee & Tea Co., New York, N. Y. Coffee and tea.	57,594	Nov. 13	125	662
Humphreys, Godwin & Co., Memphis, Tenn. Cotton-seed meal and nut-cake.	53,401	June 5	122	2048
Hunold, Ernest, Providence, R. I. Liquids for use in sharpening edged instruments.	53,980	June 19	122	2676
Hunt & Co., F. W., Boston, Mass. Whisky.	48,687	Jan. 9	120	649
Hunt & Co., F. W., Boston, Mass. Whisky.	48,688	Jan. 9	120	649
Hunt & Co., F. W., Boston, Mass. Whisky.	50,205	Mar. 6	121	330
Hunt & Co., F. W., Boston, Mass. Whisky.	50,271	Mar. 6	121	333
Hunter Fan & Motor Co., Fulton, N. Y. Motor-fans.	58,190	Dec. 11	125	2037
Hunter, J. B., Zanesville, Ohio. Leather boots and shoes.	52,829	May 22	122	1383
Hunter, J. B., Zanesville, Ohio. Leather boots and shoes.	52,932	May 22	122	1387
Hunter, Robert J., Washington, D. C. Men's and women's hats and caps.	49,824	Feb. 20	120	2434
Huntley & Palmers, Ltd., Reading, England. Biscuits and cakes.	51,444	Apr. 17	121	2314
Huntley & Palmers, Ltd., Reading, England. Biscuits and cakes.	51,766	Apr. 24	121	2652
Huntley & Palmers, Ltd., Reading, England. Biscuits and cakes.	51,767	Apr. 24	121	2652
Huntley & Palmers, Ltd., Reading, England. Biscuits.	55,267	Aug. 14	123	2299
Hurley & Co., Boston, Mass. Whisky.	50,151	Mar. 6	121	328
Hurley & Co., Boston, Mass. Whisky.	50,273	Mar. 6	121	333
Hurley, Horace O., Louisville, Ky. Medicine for certain named diseases.	50,237	Mar. 6	121	332
Hurley, Horace O., Louisville, Ky. Certain named medicines.	50,548	Mar. 20	121	1007
Hurley Manufacturing and Supply Co., St. Louis, Mo. Mixed paints.	56,240	Sept. 4	124	314
Hutchins Eczema Salve Company, Navasota, Tex. Salve.	56,334	Sept. 11	124	620
Hutchins Pharmaceutical Company, St. Louis, Mo. Hair and skin tonics.	56,241	Sept. 4	124	314
Hutchinson, Pierce & Co., New York, N. Y. Shirts, shirt-waists, and blouses.	51,146	Apr. 3	121	1671
Hutchison Acoustic Company, New York, N. Y. Telephones.	53,753	June 12	122	2379
Hutton & Sons, Ltd., Wm., Sheffield, England. Silver and plated ware.	55,386	Aug. 14	123	2302
Hy-Jen Chemical Co., Chicago, Ill. Dentifrice.	49,201	Jan. 30	120	1467
Hy-Jen Chemical Co., Chicago, Ill. Antiseptic and detergent washes.	49,566	Feb. 13	120	2115
Hyde Co., S. N., Hydes, Md. Canned corn.	49,543	Feb. 6	120	1820
Hydrex Felt & Engineering Co., East Walpole, Mass. Waterproofing felt.	49,378	Feb. 6	120	1813
Hydrex Felt & Engineering Co., Portland, Me.; East Walpole, Mass.; New York, N. Y., and Chicago, Ill. Asphaltic waterproofing compound.	50,854	Apr. 3	121	1659
Hydro-Carbon Manufacturing Company, Denver, Colo. Acid, heat, water, and weather proof and wood and metal preservative paint.	48,530	Jan. 2	120	318
Hygieno Disinfectant Company, Cleveland, Ohio. Insecticide, sheep and cattle dip.	58,079	Dec. 4	125	1694
Hygenol Company, Minneapolis, Minn. Hair-tonic and shampoo.	56,662	Oct. 16	124	2171
Hygienic Food Co., Battle Creek, Mich. Prepared cereal breakfast-foods.	54,376	June 26	122	2992
Hygienic Health Food Co., Oakland, Cal. Crackers.	57,595	Nov. 13	125	662
Hylin & Co., Fabriks Aktiebolag, Stockholm, Sweden. Antiseptic compound.	54,332	June 26	122	2991
Hyman & Son, Elias, Cincinnati, Ohio. Whisky.	54,752	June 26	122	3008
Hyndman, Robert J., Cincinnati, Ohio. Sheet-metal roofing-plates.	50,815	Apr. 3	121	1657
I. Trager Co., Cincinnati, Ohio. Whisky.	50,301	Mar. 6	121	334
I. Trager Co., Cincinnati, Ohio. Whisky.	50,428	Mar. 13	121	685
I. B. Kleinert Rubber Co., New York, N. Y. Dress-shields.	48,993	Jan. 16	120	899
I. B. Kleinert Rubber Co., New York, N. Y. Dress-shields.	55,482	Aug. 14	123	2305
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	52,549	May 15	122	1031
I. B. Kleinert Rubber Company, New York, N. Y. Hose-supporters.	52,550	May 15	122	1031
I. B. Kleinert Rubber Company, New York, N. Y. Hose-supporters.	52,551	May 15	122	1031
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	52,571	May 15	122	1032
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	52,572	May 15	122	1032
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	52,573	May 15	122	1032
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	52,574	May 15	122	1032
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	52,575	May 15	122	1032
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	54,142	June 19	122	2682
I. B. Kleinert Rubber Company, New York, N. Y. Dress-shields.	57,144	Nov. 6	125	342
I. C. Johnson & Co., Limited, London, England. Portland cement.	54,785	July 31	123	1657
I. S. Remson Mfg. Co., Brooklyn, N. Y. Carriages and wagons.	54,711	June 26	122	3006
Ide & Sons, A. L., Springfield, Ill. Side-crank steam-engines.	54,333	June 26	122	2991
Ide & Sons, A. L., Springfield, Ill. Center-crank steam-engines.	54,334	June 26	122	2991
Ideal Stock Food Co., Cynthiana, Ind. Prepared stock-food.	55,823	Aug. 21	123	2617
Idone, Angelicus R., Pittsburg, Pa. Plasters.	51,968	May 1	122	337
Ihle and Grupp, Buffalo, N. Y. Brushes.	52,143	May 1	122	344
Illinois Laboratories, Chicago, Ill. Tablets for diseases of the entire digestive tract.	50,300	Mar. 6	121	1006
Illinois Laboratories, Chicago, Ill. Medicinal and toilet oil for skin diseases.	50,529	Mar. 20	121	1006
Illinois Printing & Publishing Co., Chicago, Ill. Daily newspaper.	57,368	Nov. 13	125	656
Illinois Sewing Machine Co., Rockford and Chicago, Ill. Sewing-machines and parts thereof.	49,337	Jan. 30	120	1473
Illuminated Novelty Manufacturing Company, New York, N. Y. Advertising-signs.	58,585	Dec. 18	125	2357
Illuminating Engineering Publishing Co., New York, N. Y. Periodical publication.	53,807	June 12	122	2381
Imboden, Adam H., Kansas City, Mo. Certain named games.	55,208	Aug. 14	123	2299
Imperial Specialty Mfg. Co., Pittsburg, Pa. Wall-ties.	55,456	Aug. 14	123	2304
Importers Coffee Company, Duluth, Minn. Roasted coffee in cans or other packages.	52,663	May 15	122	1035
Incorporated New London Wash Silk Co., New London, Conn. Silk floss or embroidery-silk.	49,053	Jan. 23	120	1156
Independence Coffee and Spice Co., Pueblo, Colo. Coffee.	50,299	Mar. 6	121	334
Independent Brewing Ass'n, Chicago, Ill. Malt tonic.	49,154	Jan. 23	120	1160
Independent Brewing Ass'n, Chicago, Ill. Beer.	51,469	Apr. 17	121	2315
Independent Brewing Ass'n, Chicago, Ill. Malt tonic.	57,076	Oct. 30	124	2898
Independent Cotton Oil Co., Chicago, Ill. Cooking and baking oils.	53,487	June 5	122	2051
Independent Harvester Company, Chicago, Ill. Corn-harvesters and grain-harvesters.	58,951	Dec. 25	125	2758

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Independent Packers Fertilizer Co., Columbus, Ohio. Fertilizers.....	50,484	Mar. 20	121	1004
Independent Snuff Co., Chicago, Ill. Smoking and chewing tobacco.....	57,091	Nov. 6	125	341
Independent Snuff Co., Chicago, Ill. Smoking and chewing tobacco.....	57,966	Dec. 4	125	1697
Independent Snuff Co., Chicago, Ill. Smoking and chewing tobacco.....	58,490	Dec. 18	125	2354
Independent Snuff Company, Chicago, Ill. Smoking and chewing tobacco.....	53,315	May 29	122	1716
Independent Tobacco Manufacturers Promoting Company, Chicago, Ill. Cigars, stogies, and che- roots.....	53,344	May 29	122	1717
Independent Tobacco Manufacturers Promoting Company, Chicago, Ill. Leaf-tobacco, smoking and chewing tobacco.....	54,447	June 26	122	2996
India Alkali Works, Boston, Mass. Cleaning preparations.....	49,968	Feb. 27	120	2746
India Alkali Works, Boston, Mass. Preparation for scouring, cleansing, and washing.....	50,855	Apr. 3	121	1659
Indian Head Mills of Alabama, Cordova, Ala. Cotton piece goods.....	49,236	Jan. 30	120	1469
Indian Head Mills of Alabama, Cordova, Ala. Cotton piece goods.....	54,169	June 19	122	2683
Indiana Mfg. Company, Peru, Ind. Refrigerators and ice-chests.....	54,283	June 26	122	2989
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind. Insulated wire and cables and insulating- tape.....	56,559	Oct. 9	124	1837
Indianapolis Brewing Company, Indianapolis, Ind. Beer.....	48,512	Jan. 2	120	317
Indianapolis Brewing Company, Indianapolis, Ind. Beer.....	48,513	Jan. 2	120	317
Indianapolis Brewing Company, Indianapolis, Ind. Beer, porter, and malt extract.....	57,711	Nov. 27	125	1341
Indianapolis Knitting Mills, Indianapolis, Ind. Knit drawers.....	57,381	Nov. 13	125	656
Indianapolis Specialty Shoe Company, Indianapolis, Ind. Leather boots, shoes, and slippers.....	58,758	Dec. 25	125	2753
Industrial Press, New York, N. Y. Annual publication.....	50,161	Mar. 6	121	329
Industrie-Gesellschaft für Schappe, Basel, Switzerland. Spun silk.....	53,633	June 5	122	2058
Ineeda-Copho Co., Louisville, Ky. Stimulating and non-intoxicating tonic beverage.....	49,379	Feb. 6	120	1813
Ineeda-Copho Company, Incorporated, Louisville, Ky. Antiseptic and emollient medicine.....	54,620	June 26	122	3002
Ingersoll & Bro., Robt. H., New York, N. Y. Watches and clocks.....	49,237	Jan. 30	120	1469
Ingoltsby Automatic Car Company, St. Louis, Mo. Dump-cars.....	56,987	Oct. 30	124	2896
Ingram, Frederick F., Detroit, Mich. Face-creams.....	52,177	May 1	122	345
Ingram, Frederick F., Detroit, Mich. Remedy for certain named diseases.....	56,522	Oct. 2	124	1518
Inland Chemical Co., Indianapolis, Ind. Alternatives.....	49,567	Feb. 13	120	2115
Inland Chemical Co., Indianapolis, Ind. Laxatives.....	56,045	Aug. 21	123	2623
Inland Milk Laboratory Company, Indianapolis, Ind. Modified cows' milk.....	58,586	Dec. 18	125	2357
Inland Printer Company, Chicago, Ill. Monthly magazines.....	55,895	Aug. 21	123	2619
Institut Pasteur. (See Yvon, Paul, assignor.)				
Interior Hardwood Co., Indianapolis, Ind. Liquid-varnish coating for interior woodwork.....	53,661	June 12	122	2375
International Art Publishing Co., New York, N. Y. Fancy calendars and show-cards.....	54,848	July 31	123	1659
International Boiler Cleaning Co., Baltimore, Md. Boiler compound.....	58,104	Dec. 4	125	1695
International Cutlery Company, Fremont, Ohio. Snips, shears, and scissors.....	51,653	Apr. 17	121	2322
International Cutlery Company, Fremont, Ohio. Shears and scissors.....	57,115	Nov. 6	125	341
International Harvester Co. of America, Chicago, Ill. Harvesters, mowers, and reapers.....	49,436	Feb. 6	120	1815
International Harvester Co. of America, Chicago, Ill. Harvesters and extra and repair parts and pieces therefor.....	50,467	Mar. 20	121	1004
International Harvester Co. of America, Chicago, Ill. Harvesters and repair parts and pieces therefor.....	50,468	Mar. 20	121	1004
International Harvester Co. of America, Chicago, Ill. Ropes, cords, twine, and binder-twine.....	51,819	Apr. 24	121	2655
International Harvester Co. of America, Chicago, Ill. Self-binding harvesters, reapers, mowers, and separate parts thereof.....	52,097	May 1	122	342
International Harvester Co. of America, Chicago, Ill. Harvesters, mowers, and reapers and parts thereof.....	52,521	May 8	122	724
International Harvester Company of America, Chicago, Ill. Harvesters.....	52,010	May 1	122	339
International Harvester Company of America, Chicago, Ill. Harvesters and parts thereof.....	53,726	June 12	122	2378
International Harvester Company of America, Chicago, Ill. Centrifugal cream-separators.....	54,515	June 26	122	2998
International Harvester Company of America, Chicago, Ill. Fertilizer-distributors.....	58,217	Dec. 11	125	2038
International Harvester Company of America, Chicago, Ill. Fertilizer-distributors.....	58,218	Dec. 11	125	2038
International Harvester Company of America, Chicago, Ill. Centrifugal cream-separators.....	58,219	Dec. 11	125	2038
International Harvester Company of America, Chicago, Ill. Centrifugal cream-separators.....	58,524	Dec. 18	125	2355
International Magazine Company, New York, N. Y. Monthly magazine.....	58,707	Dec. 25	125	2752
International Nickel Company, Constable Hook, N. J. Metal alloy containing nickel and copper.....	58,191	Dec. 11	125	2038
International Nickel Company, Constable Hook, N. J. Culinary vessels made of an alloy contain- ing nickel and copper.....	58,444	Dec. 18	125	2353
International Paper Company, New York, N. Y. Papers made from wood-pulp.....	50,974	Apr. 3	121	1664
International Power Company, Providence, R. I. Fire-engines.....	50,816	Apr. 3	121	1657
International Shirt and Collar Company, Troy, N. Y. Shirts, collars, and cuffs.....	54,664	June 26	122	3004
International Shoe Company, Boston, Mass. Liquid dressing for boots and shoes and other ar- ticles made of leather.....	56,413	Sept. 25	124	1201
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,338	Jan. 30	120	1473
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,339	Jan. 30	120	1473
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,340	Jan. 30	120	1473
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,341	Jan. 30	120	1473
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,769	Feb. 13	120	2123
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,825	Feb. 20	120	2434
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	49,826	Feb. 20	120	2434
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	51,078	Apr. 3	121	1668
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	51,079	Apr. 3	121	1668
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	51,188	Apr. 10	121	1967
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	52,757	May 15	122	1039
International Silver Company, Meriden, Conn. Silver-plated hollow ware.....	57,329	Nov. 13	125	655
International Silver Company, Meriden, Conn. Plated flat ware for table use, including knives, forks, and spoons.....	57,458	Nov. 13	125	658
International Silver Company, Meriden, Conn. Plated flat ware for table use, including knives, forks, and spoons.....	57,509	Nov. 13	125	659
International Silver Company, Meriden, Conn. Plated flat ware for table use, including knives, forks, and spoons.....	57,560	Nov. 13	125	661
International Silver Company, Meriden, Conn. Plated flat ware for table use, including knives, forks, and spoons.....	58,282	Dec. 11	125	2040
International Silver Company, Meriden, Conn. Imitation silverware for table use, including knives, forks, and spoons.....	58,889	Dec. 25	125	2756
International Sprinkler Co., Philadelphia, Pa. Automatic fire-extinguishing apparatus.....	50,274	Mar. 6	121	333
International Textbook Company, Scranton, Pa. Educational books, pamphlets, periodicals, and circulars.....	58,796	Dec. 25	125	2754
International Union of Journeymen Horseshoers, Denver, Colo. Horseshoes.....	52,910	May 22	122	1386
Iowa Soap Company, Burlington, Iowa. Pumice-soap.....	50,071	Mar. 6	121	325
Iowa Soap Company, Burlington, Iowa. Toilet soap.....	54,786	July 31	123	1657
Iron City Chemical Co., Pittsburg, Pa. Insecticide.....	56,046	Aug. 21	123	2623
Irons & Russell, Providence, R. I. Gold-plated badges.....	49,860	Feb. 20	120	2436
Irons & Russell, Providence, R. I. Solid-gold badges.....	50,328	Mar. 13	121	681

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Ironsides Company, Columbus, Ohio. Greases, lubricating-oils, and lubricating mixtures	57,735	Nov. 27	125	1341
Ironsides Company, Columbus, Ohio. Lubricating-oils, lubricating-greases, and lubricating compounds	58,491	Dec. 18	125	2354
Ironsides Company, Columbus, Ohio. Lubricating-oils, lubricating-greases, and lubricating compounds	58,492	Dec. 18	125	2354
Iroquois Brewing Co., Buffalo, N. Y. Lager-beer	55,875	Aug. 21	123	2618
Isaac Harter Milling Company, Toledo and Fostoria, Ohio. Wheat-flour	52,698	May 15	122	1036
Isaac Schmeer's Son & Company, New York, N. Y. Certain named clothing	58,345	Dec. 11	125	2041
Iseman, Samuel, Baltimore, Md. Tonics	49,508	Feb. 13	120	2115
Israel, Warren W., Fairfield, Iowa. Extra-refined paraffin	58,724	Dec. 25	125	2752
Italian Swiss Colony, San Francisco, Cal. Wine	50,096	Mar. 6	121	326
Italian Swiss Colony, San Francisco, Cal. Wine	50,097	Mar. 6	121	326
Italian Swiss Colony, San Francisco, Cal. Wine	51,421	Apr. 17	121	2313
Ives & Co., W. P., Norfolk, Va. Whisky	53,402	June 5	122	2048
Iwahara, Kenzo, New York, N. Y. Cotton sheetings and drills	50,549	Mar. 20	121	1007
Iwahara, Kenzo, New York, N. Y. Cotton sheetings and shirtings	50,574	Mar. 20	121	1008
Iwahara, Kenzo, New York, N. Y. Cotton sheetings and drills	51,294	Apr. 10	121	1971
Iwahara, Kenzo, New York, N. Y. Cotton sheetings and drills	51,768	Apr. 24	121	2652
Iwahara, Kenzo, New York, N. Y. Cotton sheetings and drills	51,844	Apr. 24	121	2656
Iwahara, Kenzo, New York, N. Y. Cotton sheetings and drills	54,553	June 26	122	3000
J. Chr. G. Hupfel Brewing Co., New York, N. Y. Lager-beer	50,022	Feb. 27	120	2745
J. Ellwood Lee Company, Conshohocken, Pa. Suspensory bandages	51,891	Apr. 24	121	2657
J. Ellwood Lee Company, Conshohocken, Pa. Elastic hosiery	52,363	May 8	122	717
J. Ellwood Lee Company, Conshohocken, Pa. Suspensory bandages and trusses	52,422	May 8	122	719
J. Ellwood Lee Company, Conshohocken, Pa. Trusses	52,623	May 15	122	1031
J. Ellwood Lee Company, Conshohocken, Pa. Trusses	52,624	May 15	122	1034
J. Ellwood Lee Company, Conshohocken, Pa. Suspensory bandages	52,664	May 15	122	1035
J. Ellwood Lee Company, Conshohocken, Pa. Adhesive plaster	52,665	May 15	122	1035
J. Ellwood Lee Company, Conshohocken, Pa. Medicinal plasters	54,712	June 26	122	3006
J. Ellwood Lee Company, Conshohocken, Pa. Adhesive plasters	55,500	Aug. 14	123	2305
J. Ellwood Lee Company, Conshohocken, Pa. Medicinal plasters	55,501	Aug. 14	123	2305
J. Ellwood Lee Company, Conshohocken, Pa. Splints	55,538	Aug. 14	123	2306
J. Ellwood Lee Company, Conshohocken, Pa. Medicinal and adhesive plasters	55,539	Aug. 14	123	2306
J. Ellwood Lee Company, Conshohocken, Pa. Trusses and supporters	55,540	Aug. 14	123	2306
J. Ellwood Lee Company, Conshohocken, Pa. Medicinal and adhesive plasters	55,565	Aug. 14	123	2307
J. Ellwood Lee Company, Conshohocken, Pa. Medicinal and adhesive plasters	56,213	Sept. 4	124	313
J. Ellwood Lee Company, Conshohocken, Pa. Medicinal and adhesive plasters	56,233	Oct. 2	124	1518
J. Hauff & Co. G. m. b. H., Feuerbach, near Stuttgart, Germany. Photographic developers	57,145	Nov. 6	125	342
J. Hauff & Co. G. m. b. H., Feuerbach, near Stuttgart, Germany. Photographic developers	57,218	Nov. 6	125	344
J. Samuels & Brother, Incorporated, Providence, R. I. Corsets	58,587	Dec. 18	125	2357
J. Samuels & Brother, Incorporated, Providence, R. I. Hosiery	58,588	Dec. 18	125	2357
J. Samuels & Brother, Incorporated, Providence, R. I. Hosiery	58,646	Dec. 18	125	2358
J. Shepherd Clark Company, New York, N. Y. Monthly magazine or periodical	54,849	July 31	123	1659
J. Sigmund Ullman Co., New York, N. Y. Printing-ink	55,387	Aug. 14	123	2302
J. Spencer Turner Company, New York, N. Y. Cotton duck	58,589	Dec. 18	125	2357
J. A. Bokel Company of Baltimore City, Baltimore, Md. Whisky	49,813	Feb. 20	120	2434
J. A. Scriven Company, New York, N. Y. Knitted and woven underwear	58,978	Dec. 25	125	2759
J. A. Scriven Company, New York, N. Y. Undershirts, drawers, and combination undergarments	58,979	Dec. 25	125	2759
J. A. Wright & Co., Keene, N. H. Polishes	51,240	Apr. 10	121	1969
J. B. Brooks & Co., Limited, Birmingham, England. Cycle-saddles	50,131	Mar. 6	121	327
J. B. King & Co., New York, N. Y. Plaster-of-paris	58,170	Dec. 11	125	2037
J. B. Williams Company, Glastonbury, Conn. Shaving-soap	56,242	Sept. 4	124	314
J. C. Eno, Limited, London, England. Dry preparation for making a non-intoxicating beverage	51,934	Apr. 24	121	2659
J. C. Grant Chemical Company, East St. Louis, Ill. Baking-powder	49,861	Feb. 20	120	2436
J. C. Hubinger Bros. Co., New Haven, Conn. Laundry starch	49,862	Feb. 20	120	2436
J. C. Hubinger Bros. Co., New Haven, Conn. Lump-starch for laundry purposes	49,903	Feb. 20	120	2437
J. C. Hubinger Bros. Co., New Haven, Conn. Corn-starch	49,904	Feb. 20	120	2437
J. C. Marks Liquor Co., Birmingham, Ala. Whiskies	50,997	Apr. 3	121	1665
J. C. Pearson Co., Boston, Mass. Nails provided with a non-metallic coating	52,269	May 8	122	713
J. D. McCann Co., Hornellsville, N. Y. Skin-food and massage-cream	55,896	Aug. 21	123	2618
J. D. Riedel Aktiengesellschaft, Berlin, Germany. Certain named medicinal preparation	53,919	June 12	122	2385
J. D. Riedel Aktiengesellschaft, Berlin, Germany. Medicinal preparation	56,451	Sept. 25	124	1202
J. D. Riedel Aktiengesellschaft, Berlin, Germany. Medicinal preparation	56,452	Sept. 25	124	1202
J. D. & R. S. Christian Co., Richmond, Va. Baking-powder	51,324	Apr. 10	121	1972
J. F. Humphreys & Co., Bloomington, Ill. Canned fruits and vegetables	56,961	Oct. 30	124	2895
J. F. Parkhurst & Son Co., Bangor, Me. Trunks	48,955	Jan. 16	120	897
J. & F. Schroth Packing Co., Cincinnati, Ohio. Hams, shoulders, and bacon	51,325	Apr. 10	121	1972
J. & F. Schroth Packing Co., Cincinnati, Ohio. Lards	54,377	June 26	122	2992
J. & F. Schroth Packing Co., Cincinnati, Ohio. Canned meats	58,310	Dec. 11	125	2041
J. F. Zahm Tobacco Co., Toledo, Ohio. Smoking-tobacco	55,244	Aug. 7	123	1986
J. F. Zahm Tobacco Co., Toledo, Ohio. Smoking-tobacco	55,856	Aug. 21	123	2619
J. G. Brandt Shoe Company, St. Louis, Mo. Leather shoes, boots, and slippers	49,930	Feb. 20	120	2438
J. G. Brill Company, Philadelphia, Pa. Motor-trucks	55,566	Aug. 14	123	2307
J. G. Haas Soap Co., St. Louis, Mo. Laundry soap	52,850	May 22	122	1384
J. G. Haas Soap Co., St. Louis, Mo. Laundry soap	54,429	June 26	122	2995
J. G. Haas Soap Co., St. Louis, Mo. Laundry soap	54,430	June 26	122	2995
J. G. Haas Soap Co., St. Louis, Mo. Laundry soap	55,457	Aug. 14	123	2304
J. G. Haas Soap Co., St. Louis, Mo. Laundry soap	56,414	Sept. 25	124	1201
J. G. McDonald Candy Co., Salt Lake City, Utah. Candies of all kinds	48,927	Jan. 16	120	896
J. H. Rowe Company, Portland, Me., and Gloucester, Mass. Oiled clothing	48,635	Jan. 9	120	647
J. H. Rowe Company, Portland, Me., and Gloucester, Mass. Oiled clothing	48,636	Jan. 9	120	647
J. H. Rowe Company, Portland, Me., and Gloucester, Mass. Oiled clothing	49,278	Jan. 30	120	1471
J. H. Williams & Co., New York, N. Y. Wrenches and vises	54,062	June 19	122	2679
J. J. Conway Tobacco Company, Troy, N. Y. Cigars	58,525	Dec. 18	125	2355
J. J. Douglas Co., Louisville, Ky. Whisky	50,949	Apr. 3	121	1663
J. J. Douglas Co., Louisville, Ky. Gin	53,403	June 5	122	2048
J. J. Saville & Co. Limited, Sheffield, England. Tool-steel	57,459	Nov. 13	125	658
J. M. Carpenter Tap & Die Co., Pawtucket, R. I. Certain named tools	50,950	Apr. 3	121	1663
J. M. Gagan & Co., New York, N. Y., assignor to Paragon Mfg. Co., Chicago, Ill. Cylinder washing-machines	58,952	Dec. 25	125	2758
J. M. Horton Ice Cream Co., New York, N. Y. Ice-cream, ices, and frozen custards	51,969	May 1	122	337
J. M. Kohler Sons Co., Sheboygan, Wis. Enamelled ironware	56,925	Oct. 23	124	2530
J. M. Robinson, Norton & Co., Louisville, Ky. Men's negligée and dress shirts	50,975	Apr. 3	121	1664
J. P. Baden Produce Co., Winfield, Kans. Butter	50,485	Mar. 20	121	1005
J. & P. Coats, Ltd., Paisley, Scotland. Sewing-cotton wound on spools or reels	53,250	May 29	122	1713
J. P. Eustis Mfg. Co., Boston, Mass. Mirrors and mirror frames or supports	50,007	Feb. 27	120	2748

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
J. P. Eustis Mfg. Co., Boston, Mass. Water-sprayers, showers, and parts, fixed or portable.....	50,652	Mar. 27	121	1338
J. P. Eustis Mfg. Co., Portland, Me. Certain named holders.....	54,753	June 26	122	3008
J. P. Hartray Shoe Co., Chicago, Ill. Leather shoes.....	49,124	Jan. 23	120	1159
J. S. Barnett & Sons, Inc., Rochester, N. Y., and Lynn, Mass. Upper-leather.....	57,024	Oct. 30	124	2897
J. S. McCormick Co., Pittsburg, Pa. Foundry facings or blacking.....	51,845	Apr. 24	121	2656
J. S. McCormick Co., Pittsburg, Pa. Foundry facings or blacking.....	51,892	Apr. 24	121	2657
J. S. Murias y Ca., New York, N. Y. Havana cigars.....	54,920	Aug. 7	123	1977
J. T. Kenny & Co., St. Paul, Minn. Soap chips.....	50,682	Mar. 27	121	1339
J. T. Kenny & Co., St. Paul, Minn. Soft soap.....	57,025	Oct. 30	124	2897
J. T. Robertson Company, Manchester, Conn. Soap.....	58,082	Dec. 4	125	1694
J. T. Wamolik & Sons Piano Co., Cleveland, Ohio. Pianos.....	58,647	Dec. 18	125	2358
J. W. Beardsley's Sons, New York, N. Y. Salted and boneless fish.....	52,144	May 1	122	344
J. W. Beardsley's Sons, New York, N. Y. Salted and boneless codfish.....	52,145	May 1	122	344
J. W. Beardsley's Sons, New York, N. Y. Salted and boneless fish.....	54,554	June 26	122	3000
J. W. Beardsley's Sons, New York, N. Y. Shredded codfish.....	55,755	Aug. 21	123	2615
J. W. Biles Co., Cincinnati, Ohio. Blended feeds and distillers' and brewers' dried grains.....	51,793	Apr. 24	121	2653
J. W. Evenden Co., Buffalo, N. Y. Whisky.....	48,602	Jan. 2	120	321
J. W. Evenden Co., Buffalo, N. Y. Whisky.....	50,023	Feb. 27	120	2748
J. W. Evenden Co., Buffalo, N. Y. Gif.....	58,346	Dec. 11	125	2042
J. W. McCoy Pottery Co., Roseville, Ohio. Earthenware cooking vessels.....	54,850	July 31	123	1659
Jaburg Bros., New York, N. Y. Ceylon tea.....	49,523	Feb. 6	120	1819
Jaburg Bros., New York, N. Y. Prepared spices.....	49,657	Feb. 13	120	2118
Jack Frost Baking Powder Co., St. Louis, Mo. Baking-powder.....	50,616	Mar. 27	121	1336
Jackson Company, Nashua, N. H. Cotton piece goods.....	49,437	Feb. 6	120	1815
Jackson, Frank W., New York, N. Y. Dried currants.....	58,145	Dec. 4	125	1696
Jacob J. Seeds & Co., Philadelphia, Pa. Panama hats.....	54,022	June 19	122	2678
Jacob J. Vollrath Mfg. Co., Sheboygan, Wis. Stamped steelware.....	49,799	Feb. 20	120	2433
Jacob & Sons, H., New York, N. Y. Knit leggings.....	58,680	Dec. 25	125	2731
Jacobs & Garrett, Memphis, Tenn. Whisky.....	49,475	Feb. 6	120	1817
Jacobs & Garrett, Memphis, Tenn. Whisky.....	57,646	Nov. 27	125	1339
Jacobs & Garrett, Memphis, Tenn. Whisky.....	57,675	Nov. 27	125	1340
Jacobs, James, Troy, N. Y. White lead.....	55,502	Aug. 14	123	2305
Jacobsen, Peter N., Jr., Davenport, Iowa. Cigars.....	56,998	Oct. 30	124	2896
Jacobson & Bro., A., New York, N. Y. Fur garments.....	51,727	Apr. 24	121	2651
Jacques, Jean, Waterbury, Conn. Mixed drinks.....	49,202	Jan. 30	120	1468
Jaenecke Printing Ink Co., Newark, N. J. Printing-inks.....	49,312	Jan. 30	120	1472
Jaenecke Printing Ink Co., Newark, N. J. Certain named colors and inks.....	53,488	June 5	122	2051
Jaenecke Printing Ink Co., Newark, N. J. Printing-and-lithographing inks, printing-ink varnishes, and dry colors.....	54,604	June 26	122	3002
James A. Banister Company, Newark, N. J. Men's and boys' leather boots, shoes, and slippers.....	52,911	May 22	122	1386
James B. Sipe & Co., Allegheny, Pa. Painting, staining, and graining oil.....	49,863	Feb. 20	120	2436
James C. Lindsay Hardware Co., Pittsburg, Pa. Hatchets, axes, and adzes.....	49,155	Jan. 23	120	1160
James C. Lindsay Hardware Co., Pittsburg, Pa. Pocket-knives and butcher-knives.....	53,754	June 12	122	2379
James II. Rhodes & Company, Chicago, Ill. Natural stone used for rubbing purposes.....	51,445	Apr. 17	121	2314
James Hanley Brewing Co., Providence, R. I. Ale.....	52,036	May 1	122	340
James Irving & Son, Limited, Chester, Pa. Cassimeres.....	54,335	June 26	122	2991
James, Joseph, Baltimore, Md. Compound for cleaning and preparing lithographic stones.....	57,676	Nov. 27	125	1340
James McKay Company, Pittsburg, Pa. Certain named forged-steel articles.....	56,720	Oct. 16	124	2173
James Means Company, Kittory, Me. Leather shoes.....	54,248	June 26	122	2988
James Medicine Company, Paris, Tenn. Remedy for certain named diseases.....	57,510	Nov. 13	125	659
James Rowland & Company, New York, N. Y. Butter.....	55,876	Aug. 21	123	2618
Jameson, Walter D., New York, N. Y. Dried and evaporated fruits.....	58,890	Dec. 25	125	2756
Jamestown Lounge Co., Jamestown, N. Y. Sofas.....	58,366	Dec. 11	125	2042
Jamison Brothers, Philadelphia, Pa. Pantaloon and knee-pants.....	56,405	Sept. 18	124	902
Jamison, James, New York, N. Y. Hosiery.....	54,192	June 19	122	2684
Jandus Electric Co., Cleveland, Ohio. Electric-arc lamps.....	49,250	Jan. 30	120	1470
Jandus Electric Co., Cleveland, Ohio. Electric fans.....	49,251	Jan. 30	120	1470
Janowitz, Julius, New York, N. Y. Corset bones or stays.....	50,514	Mar. 20	121	1006
Janowitz, Julius, New York, N. Y. Dress-bones and corset-bones.....	56,926	Oct. 23	124	2530
Janssen, B. H., New York, N. Y. Pianos.....	56,243	Sept. 4	124	314
Jaros Importing and Distributing Co. (See Clover Leaf Wine Co., assignor.).....				
Jas. Chadwick & Bror. Ltd., Bolton, England. Sewing-thread.....	56,842	Oct. 23	124	2528
Jas. Chadwick & Bror. Ltd., Bolton, England. Sewing-cotton on spools or reels.....	56,927	Oct. 23	124	2530
Jas. E. Pepper & Co., Lexington, Ky. Whisky.....	50,275	Mar. 6	121	333
Jas. R. Ross & Co., Indianapolis, Ind. Whisky.....	51,269	Apr. 10	121	1970
Jas. R. Ross & Co., Indianapolis, Ind. Whisky.....	58,556	Dec. 18	125	2356
Jay C. Wemple Co., New York, N. Y. Window-shade cloth and shades.....	52,912	May 22	122	1386
Jayne & Son, Dr. D., Philadelphia, Pa. Medicinal and chemical preparations.....	48,855	Jan. 16	120	894
Jayne & Son, Dr. D., Philadelphia, Pa. Medicinal and chemical preparations.....	48,856	Jan. 16	120	894
Jayne & Son, Dr. D., Philadelphia, Pa. Medicinal and chemical preparations.....	48,857	Jan. 16	120	894
Jayne & Son, Dr. D., Philadelphia, Pa. Tonic vermifuge.....	56,870	Oct. 23	124	2528
Jayne & Son, Dr. D., Philadelphia, Pa. Hair-tonic.....	56,895	Oct. 23	124	2529
Jayne & Son, Dr. D., Philadelphia, Pa. Remedy for diseases of the respiratory organs.....	57,165	Nov. 6	125	343
Jeantaud, Charles, Paris, France. Electrical accumulators.....	56,303	Sept. 11	124	619
Jefferson Woolen Mills, Jefferson City, Tenn. Trousers.....	56,871	Oct. 23	124	2528
Jefferson Woolen Mills, Jefferson City, Tenn. Jeans.....	56,928	Oct. 23	124	2530
Jeffery & Co., Thomas B., Kenosha, Wis. Automobiles.....	56,185	Aug. 28	123	2971
Jel-Nut Manufacturing Company, Baltimore, Md. Peanut-butter.....	48,669	Jan. 9	120	649
Jenkins, Alfred B., New York, N. Y., and Boston, Mass. Rubber packing, gaskets, disks, rings, and washers.....	54,081	June 19	122	2680
Jenkins, Alfred B., New York, N. Y., and Boston, Mass. Rubber packing, rubber gaskets, rubber disks, rubber rings, and rubber washers.....	54,209	June 19	122	2685
Jenkins, Alfred B., New York, N. Y., and Boston, Mass. Rubber packing, gaskets, disks, rings, and washers.....	56,612	Oct. 9	124	1838
Jenkins, Benjamin S., Conklingville, N. Y. Washboards.....	49,075	Jan. 23	120	1157
Jenkins Bros., New York, N. Y. Insect-poison.....	49,203	Jan. 30	120	1468
Jennings, Albert G., New York, N. Y. Hair-nets.....	52,146	May 1	122	344
Jennings, Albert G., New York, N. Y. Hair-nets.....	52,147	May 1	122	344
Jennings, Albert G., New York, N. Y. Hair-nets.....	58,606	Dec. 18	125	2357
Jennings & Griffin Manufacturing Co., Yalesville, Conn. Chisels, drawing-knives, planes, saws, and augers.....	57,784	Nov. 27	125	1343
Jennison Bros. and Company, Janesville, Minn. Wheat-flour.....	58,220	Dec. 11	125	2038
Jennison, Elmer E., Denver, Colo. Non-explosive lamp-powder.....	55,756	Aug. 21	123	2615
Jesse Moore Hunt Co., Louisville, Ky. Whisky.....	50,175	Mar. 6	121	329
Jesse Moore Hunt Co., San Francisco, Cal. Whisky.....	51,846	Apr. 24	121	2656
Jesse Moore Hunt Co., San Francisco, Cal. Whisky.....	57,647	Nov. 27	125	1339

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Jessup-Wheelan Co., San Francisco, Cal. Clover-seed.....	48,626	Jan. 9	120	647
Jett Bros. Distilling Co., Carrollton, Ky. Whisky.....	59,001	Dec. 25	125	2759
Jewett Piano Co., Leominster, Mass. Pianos.....	52,423	May 8	122	719
Jno. Werner & Co. G. m. b. H., Mannheim, Germany. Brewers' varnishes and enamels.....	55,897	Aug. 21	123	2619
Joern, Theodore, St. Louis, Mo. Preparation for cleaning.....	52,594	May 15	122	1033
Johann Maria Farina gegenüber dem Jülichs-Platz, Cologne, Germany. Eau-de-cologne.....	54,972	Aug. 7	123	1978
Johann Maria Farina gegenüber dem Jülichs-Platz, Cologne, Germany. Eau-de-cologne.....	54,973	Aug. 7	123	1978
John A. Cole Milling Company, Rochester, Minn. Wheat-flour.....	55,686	Aug. 21	123	2613
John A. Cole Milling Company, Rochester, Minn. Wheat-flour.....	56,843	Oct. 23	124	2528
John A. Roebling's Sons Co., Trenton, N. J. Rubber-covered electrical wire.....	56,844	Oct. 23	124	2528
John B. Canepa Company. (See Canepa, John B., assignor.).....				
John B. Canepa Company, Chicago, Ill. Cereal paste goods.....	50,060	Feb. 27	120	2750
John B. Canepa Company, Chicago, Ill. Cereal paste goods.....	50,396	Mar. 13	121	683
John B. Canepa Company, Chicago, Ill. Macaroni, spaghetti and vermicelli.....	52,980	May 22	122	1389
John B. Canepa Company, Chicago, Ill. Macaroni, spaghetti and vermicelli.....	56,828	Oct. 23	124	2527
John B. Stetson Company, Philadelphia, Pa. Soft and stiff felt hats and caps.....	51,893	Apr. 24	121	2657
John B. Stetson Company, Philadelphia, Pa. Hats and caps.....	51,990	May 1	122	338
John Bardenheier Wine and Liquor Co., St. Louis, Mo. Brandy.....	49,204	Jan. 30	120	1468
John Bardenheier Wine and Liquor Co., St. Louis, Mo. Whisky.....	50,933	Apr. 3	121	1662
John Bardenheier Wine & Liquor Co., St. Louis, Mo. Bitters.....	51,352	Apr. 10	121	1974
John Boehm Co., Pittsburg, Pa. Noodles and vermicelli.....	53,462	June 5	122	2050
John Brenner Brewing Co., Covington, Ky. Beer.....	50,736	Mar. 27	121	1341
John Bruner Company, San Francisco, Cal. Mattresses.....	51,110	Apr. 3	121	1670
John Burke Importing Company, New York, N. Y. Scotch whisky.....	56,872	Oct. 23	124	2528
John C. Lewis Co., Louisville, Ky. Corsets.....	51,728	Apr. 24	121	2651
John C. Roth Packing Co., Cincinnati, Ohio. Certain named meats.....	58,192	Dec. 11	125	2038
John C. Weller Co., Louisville, Ky. Whisky.....	51,935	Apr. 24	121	2659
John Callahan and Co., Inc., Seattle, Wash. Boiler-cleaning compounds.....	50,976	Apr. 3	121	1664
John Church Company, Cincinnati, Ohio. Upright pianos.....	48,670	Jan. 9	120	649
John E. Cassidy & Son, Boston, Mass. Punch.....	57,561	Nov. 13	125	661
John Eichler Brewing Co., New York, N. Y. Beer.....	48,728	Jan. 9	120	651
John F. Meyer & Sons Milling Co., St. Louis and Springfield, Mo. Wheat-flour.....	51,794	Apr. 24	121	2653
John F. Meyer & Sons Milling Co., St. Louis and Springfield, Mo. Wheat-flour.....	51,795	Apr. 24	121	2654
John F. Meyer & Sons Milling Co., St. Louis and Springfield, Mo. Wheat-flour.....	54,516	June 26	122	2908
John F. Meyer & Sons Milling Co., St. Louis and Springfield, Mo. Wheat-flour.....	57,396	Nov. 13	125	662
John F. Wiessner & Son's Brewing Co. of Baltimore City, Baltimore, Md. Lager-beer.....	52,585	May 15	122	1032
John Finn Metal Works, San Francisco, Cal. Babbitt metal and antifriction and bearing metals.....	50,817	Apr. 3	121	1657
John Finn Metal Works, San Francisco, Cal. Babbitt metal and antifriction and bearing metals.....	50,818	Apr. 3	121	1657
John Finn Metal Works, San Francisco, Cal. Antifriction and bearing metals.....	50,819	Apr. 3	121	1657
John Gay's Sons, Incorporated, Philadelphia, Pa. Carpets and rugs.....	58,980	Dec. 25	125	2759
John Goodwin Company, New York, N. Y. Silk dress material.....	50,377	Mar. 13	121	683
John Igelstroem Sign & Label Company, St. Louis, Mo. Paper for signs and show-cards.....	56,497	Oct. 2	124	1571
John J. Clark & Co., Pawtucket, R. I. Spool-cotton.....	48,622	Jan. 9	120	647
John J. Clark & Co., Pawtucket, R. I. Spool-cotton.....	52,098	May 1	122	342
John J. Clark & Co., Pawtucket, R. I. Spool-cotton.....	52,099	May 1	122	342
John J. Clark & Co., Pawtucket, R. I. Spool-cotton.....	52,100	May 1	122	342
John J. Clark & Co., Pawtucket, R. I. Spool-cotton.....	53,101	May 1	122	342
John J. Clark & Co., Pawtucket, R. I. Spool-cotton.....	53,102	May 1	122	342
John J. Clark & Co., Pawtucket, R. I. Spool-cotton or sewing-thread.....	57,785	Nov. 27	125	1343
John James & Sons Limited, Redditch, England. Needles, crochet-hooks, knitting-needles, and bodkins.....	57,412	Nov. 13	125	657
John L. Whiting & Son Co., Boston, Mass. Paint, varnish, and sash-tool brushes.....	48,637	Jan. 9	120	648
John L. Whiting & Son Co., Boston, Mass. Paint, varnish, and sash-tool brushes.....	48,662	Jan. 9	120	648
John L. Whiting & Son Co., Boston, Mass. Paint, varnish, and sash-tool brushes.....	48,663	Jan. 9	120	648
John L. Whiting & Son Co., Boston, Mass. Brushes.....	48,820	Jan. 16	120	893
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,830	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,831	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,832	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,833	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,834	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,835	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,836	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,837	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,838	May 22	122	1383
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,851	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,852	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,864	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,865	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,866	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,867	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,868	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,869	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	52,870	May 22	122	1384
John L. Whiting & Son Co., Boston, Mass. Brushes of all kinds.....	53,145	May 29	122	1709
John Lane Company, New York, N. Y. Monthly magazine.....	52,073	May 1	122	341
John M. Wolf Company, Brooklyn, N. Y. Stove-polishes and stove-varnishes.....	50,379	Mar. 13	121	683
John Morrell & Company, Limited, Ottumwa, Iowa. Bacon and hams.....	52,211	May 1	122	347
John P. Squire & Company, Boston and Cambridge, Mass. Certain named meats and lard.....	56,929	Oct. 23	124	2530
John P. Squire & Company, Boston, Mass.; Jersey City, N. J., and Cambridge, Mass. Certain named meats and lard.....				
John Phillips & Co., Ltd., Detroit, Mich. Show-cases.....	58,146	Dec. 4	125	1696
John Power & Son, Ltd., Dublin, Ireland. Irish whisky.....	49,969	Feb. 27	120	2746
John Power & Son, Ltd., Dublin, Ireland. Irish whisky.....	55,687	Aug. 21	123	2613
John Power & Son, Ltd., Dublin, Ireland. Irish whisky.....	57,219	Nov. 6	125	344
John T. Lewis & Bros. Co., Philadelphia, Pa. Pigment colors and colored paints.....	49,041	Jan. 23	120	1156
John T. Lewis & Bros. Co., Philadelphia, Pa. Pigment colors and colored paints.....	51,399	Apr. 17	121	2312
John T. Lewis & Bros. Co., Philadelphia, Pa. Pigment colors and colored paints.....	51,400	Apr. 17	121	2312
John T. Lewis & Bros. Co., Philadelphia, Pa. White lead.....	53,981	June 19	122	2676
John T. Lewis & Bros. Co., Philadelphia, Pa. White lead.....	53,982	June 19	122	2676
John V. Farwell Company, Chicago, Ill. Hosiery.....	56,393	Sept. 18	124	902
John V. Farwell Company, Chicago, Ill. Silk piece goods.....	57,026	Oct. 30	124	2897
John V. Farwell Company, Chicago, Ill. Gingham.....	57,967	Dec. 4	125	1691
John W. Masury & Son, Brooklyn, N. Y. Varnishes.....	49,970	Feb. 27	120	2746
John W. Masury & Son, Brooklyn, N. Y. Mixed paints.....	52,699	May 15	122	1036
John W. Russ Co., Haverhill, Mass. Leather boots and shoes.....	48,638	Jan. 9	120	648
John W. Russ Company, Haverhill, Mass. Leather boots and shoes.....	48,500	Jan. 2	120	317
John W. Russ Company, Haverhill, Mass. Leather boots and shoes.....	49,125	Jan. 23	120	1159

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Johns-Pratt Co., Hartford, Conn. Electrical insulating and protective devices.....	56,013	Aug. 21	123	2622
Johnsen Co., Theo. A., Portland, Me. Snow-shoes, skees, and accessories.....	56,613	Oct. 9	124	1838
Johnson & Co., W. W., Cincinnati, Ohio. Whisky.....	55,293	Aug. 14	123	2300
Johnson Educator Food Co., Boston, Mass. Certain named cereal foods.....	57,092	Nov. 6	125	341
Johnson Educator Food Co., Boston, Mass. Certain named bakery products and cereal foods.....	57,146	Nov. 6	125	342
Johnson, Edwin, Pittsburg, Pa. Wood-finish.....	54,010	June 19	122	2677
Johnson, Henry H., East Orange, N. J. Hair-tonics.....	51,295	Apr. 10	121	1971
Johnson, James F., New York, N. Y. Hair-tonic.....	56,663	Oct. 16	124	2171
Johnson, James F., New York, N. Y. Certain named pharmaceutical preparations.....	56,896	Oct. 23	124	2529
Johnson & Johnson, New Brunswick, N. J. Plasters.....	49,279	Jan. 30	120	1471
Johnson & Johnson, New Brunswick, N. J. Plasters.....	49,280	Jan. 30	120	1471
Johnson & Johnson, New Brunswick, N. J. Membranes.....	49,281	Jan. 30	120	1471
Johnson & Johnson, New Brunswick, N. J. Surgical dressings.....	49,282	Jan. 30	120	1471
Johnson & Johnson, New Brunswick, N. J. Catheters and bougies.....	49,283	Jan. 30	120	1471
Johnson & Johnson, New Brunswick, N. J. Plasters.....	49,380	Feb. 6	120	1813
Johnson & Johnson, New Brunswick, N. J. Soap.....	49,381	Feb. 6	120	1813
Johnson & Johnson, New Brunswick, N. J. Tooth-paste.....	50,378	Mar. 13	121	683
Johnson & Johnson, New Brunswick, N. J. Adhesive plasters.....	52,955	May 22	122	1388
Johnson & Johnson, New Brunswick, N. J. Felted absorbent cotton.....	52,956	May 22	122	1388
Johnson & Johnson, New Brunswick, N. J. Felted absorbent cotton.....	52,957	May 22	122	1388
Johnson & Johnson, New Brunswick, N. J. Suspensory bandages.....	54,235	June 26	122	2987
Johnson & Johnson, New Brunswick, N. J. Suspensory bandages.....	54,249	June 26	122	2988
Johnson & Johnson, New Brunswick, N. J. Medical and surgical plasters.....	54,308	June 26	122	2990
Johnson & Johnson, New Brunswick, N. J. Catheters, stomach-tubes, and bougies.....	54,309	June 26	122	2990
Johnson & Johnson, New Brunswick, N. J. Dental absorbents.....	55,208	Aug. 7	123	1985
Johnson & Johnson, New Brunswick, N. J. Medicinal and adhesive plasters.....	55,541	Aug. 14	123	2306
Johnson & Johnson, New Brunswick, N. J. Syringes.....	55,542	Aug. 14	123	2306
Johnson & Johnson, New Brunswick, N. J. Medicinal plasters.....	55,567	Aug. 14	123	2307
Johnson & Johnson, New Brunswick, N. J. Surgical dressings.....	56,288	Sept. 4	124	315
Johnson & Johnson, New Brunswick, N. J. Soap.....	58,463	Dec. 18	125	2354
Johnson & Lund, Philadelphia, Pa. Artificial teeth and parts connected therewith.....	49,524	Feb. 6	120	1819
Johnson, Manander M., Clay Center, Nebr. Incubators and brooders.....	56,540	Oct. 2	124	1518
Johnson, Mary E., trustee, Fitchburg, Mass. Bicycles.....	56,014	Aug. 21	123	2622
Johnson-Richardson Co., Limited, Montreal, Canada. Dyes and dyestuffs.....	49,101	Jan. 23	120	1158
Johnson, Robert H. N., London, England. Pills.....	53,044	May 22	122	1391
Johnson & Son, S. C., Racine, Wis. Wax.....	51,991	May 1	122	338
Johnson & Son, W. S., Henderson, Ky. Laxatives.....	52,487	May 8	122	722
Johnson & Watson Co., Greensboro, N. C. Leather boots and shoes.....	51,060	Apr. 3	121	1667
Johnston, Michael H., Galesburg, Ill. Laxative for the human system.....	54,109	June 19	122	2681
Johnston, Michael H., Galesburg, Ill. Soaps.....	56,791	Oct. 16	124	2175
Johnston, Thomas, Freeport, N. Y. Medicine for the treatment of alcoholism.....	50,977	Apr. 3	121	1664
Johnston, William J., New York, N. Y. Weekly periodical.....	52,725	May 15	122	1037
Joliet Stove Works, Joliet, Ill. Heating and cooking stoves.....	51,562	Apr. 17	121	2318
Joliet Stove Works, Joliet, Ill. Heating and cooking stoves.....	51,654	Apr. 17	121	2322
Joliet Stove Works, Joliet, Ill. Heating and cooking stoves.....	54,621	June 26	122	3002
Jonas Brook & Bros., Limited, Meltham, England. Sewing-cotton and thread.....	52,148	May 1	122	344
Jonas Brook & Bros., Limited, Meltham, England. Cotton thread.....	54,236	June 26	122	2987
Jonas Brook & Bros., Limited, Meltham, England. Cotton yarn, sewing-cotton, and crochet-cotton.....	54,336	June 26	122	2991
Jonas Brook & Bros., Limited, Meltham, England. Sewing-cotton on spools or reels.....	54,665	June 26	122	3004
Jonas Brook & Bros., Limited, Meltham, England. Cotton thread.....	54,666	June 26	122	3004
Jonas Brook & Bros., Limited, Meltham, England. Cotton thread.....	55,568	Aug. 14	123	2307
Jonas Brook & Bros., Limited, Meltham, England. Sewing-cotton on spools or reels.....	57,147	Nov. 6	125	342
Jonas & Colver Limited, Sheffield, England. Steel, unwrought and partly wrought.....	57,460	Nov. 13	125	658
Jonas & Colver Limited, Sheffield, England. Steel, unwrought and partly wrought.....	57,461	Nov. 13	125	658
Jones, Archer G., Richmond, Va. Cedar shavings or chips chemically prepared.....	56,453	Sept. 25	124	1202
Jones Bros. Overall Company, Dubuque, Iowa. Children's suits and parts of suits.....	53,830	June 12	122	2382
Jones & Co., Paul, Louisville, Ky. Rye and Bourbon whiskies.....	48,548	Jan. 2	120	319
Jones and Co., W. H., Boston, Mass. Whisky.....	50,935	Apr. 3	121	1662
Jones and Co., W. H., Boston, Mass. Whisky.....	51,296	Apr. 10	121	1971
Jones & Co., W. H., Boston, Mass. Whisky.....	51,655	Apr. 17	121	2322
Jones & Co., W. H., Boston, Mass. Whisky.....	51,656	Apr. 17	121	2322
Jones & Co., W. H., Boston, Mass. Wine.....	52,522	May 8	122	724
Jones and Co., W. H., Boston, Mass. Whisky.....	52,595	May 15	122	1033
Jones and Co., W. H., Boston, Mass. Whisky.....	53,045	May 22	122	1391
Jones and Co., W. H., Boston, Mass. Wine.....	53,046	May 22	122	1391
Jones and Co., W. H., Boston, Mass. Cocktails and punch.....	53,423	June 5	122	2049
Jones and Co., W. H., Boston, Mass. Whisky.....	56,524	Oct. 2	124	1518
Jones Dairy Farm, Fort Atkinson, Wis. Sausages.....	58,590	Dec. 18	125	2357
Jones Dairy Farm, Fort Atkinson, Wis. Sausages.....	58,648	Dec. 18	125	2358
Jones Dry Goods Co., Kansas City, Mo. Coats, vests, and trousers.....	51,614	Apr. 17	121	2320
Jones, Frank, Kansas City, Mo. Whisky.....	50,934	Apr. 3	121	1662
Jones, Frank G., Boston, Mass. Leather boots and shoes and leather for the same.....	48,498	Jan. 2	120	317
Jones, Frank M., Lockport, N. Y. Eye-water.....	55,898	Aug. 21	123	2619
Jones, Robert H., Bath, N. Y. Champagne.....	50,820	Apr. 3	121	1657
Jones & Skinner, New York, N. Y. Toilet-paper.....	57,809	Nov. 27	125	1343
Jones & Sons, D., New York, N. Y. Top shirts.....	58,797	Dec. 25	125	2754
Jones, Thaddeus C., St. Paul, Minn. Dressed-skin underwear.....	54,667	June 26	122	3004
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	54,851	July 31	123	1659
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	55,026	Aug. 7	123	1980
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	55,040	Aug. 7	123	1980
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,689	Oct. 16	124	2172
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,721	Oct. 16	124	2173
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,722	Oct. 16	124	2173
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,723	Oct. 16	124	2173
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,724	Oct. 16	124	2173
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,725	Oct. 16	124	2173
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,726	Oct. 16	124	2173
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	56,897	Oct. 23	124	2529
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	57,330	Nov. 13	125	655
Joralemon, Edgar M., Newark, N. J. Certain named seats and tanks.....	54,045	June 19	122	2679
Jordan, Andrew J., St. Louis, Mo. Razor-strops.....	51,894	Apr. 24	121	2657
Jordan, Andrew J., St. Louis, Mo. Certain named cutlery, except of precious metal.....	54,754	June 26	122	3008
Jordan Marsh Company, Boston, Mass. Leather boots and shoes.....	49,205	Jan. 30	120	1468
Jordan Marsh Company, Boston, Mass. Tooth-powders.....	56,335	Sept. 11	124	620
Jordan Marsh Company, Boston, Mass. Taffeta and Prussian binding.....	56,614	Oct. 9	124	1838

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Jordan Marsh Company, Boston, Mass. Perfumery	56,898	Oct. 23	124	2529
Jordan Stabler Co., Baltimore, Md. Flavoring extracts	50,238	Mar. 6	121	332
Jos. M. Wade Publishing Co., Boston, Mass. Weekly journal	57,058	Oct. 30	124	2897
Joseph B. Funke Company, La Crosse, Wis. Chocolate creams and candy	58,591	Dec. 18	125	2357
Joseph Burnett Co., Boston, Mass. Flavoring extracts	50,469	Mar. 20	121	1004
Joseph Burnett Co., Boston, Mass. Color-pastes	53,316	May 29	122	1716
Joseph Campbell Company, Camden, N. J. Condensed soups	48,461	Jan. 2	120	315
Joseph Campbell Company, Camden, N. J. Condensed soups	48,664	Jan. 9	120	649
Joseph Campbell Company, Camden, N. J. Tabasco-catchup and tomato-catchup	50,239	Mar. 6	121	332
Joseph Campbell Company, Camden, N. J. Chili-sauce, tabasco-sauce, and salad-dressing	50,240	Mar. 6	121	332
Joseph Campbell Company, Camden, N. J. Catchup	57,712	Nov. 27	125	1341
Joseph G. Dill, Inc., Richmond, Va. Plug, cut-plug, and smoking tobacco	50,098	Mar. 6	121	326
Joseph N. Eisendrath Company, Chicago, Ill. Leather	49,738	Feb. 13	120	2122
Joseph N. Eisendrath Company, Chicago, Ill. Leather	49,739	Feb. 13	120	2122
Joseph N. Eisendrath Company, Chicago, Ill. Gloves and mittens	50,213	Mar. 6	121	331
Joseph N. Eisendrath Company, Chicago, Ill. Gloves and mittens	51,270	Apr. 10	121	1970
Joseph Pickering & Sons, Limited, Sheffield, England. Preparation for whitening and coloring articles of leather	57,244	Nov. 6	125	345
Joseph Pickering & Sons, Limited, Sheffield, England. Certain named abrasive and polishing materials	58,493	Dec. 18	125	2354
Joseph, Sam A., Fort Worth, Tex. Whisky	57,648	Nov. 27	125	1339
Joseph Schlitz Brewing Company, Milwaukee, Wis. Lager-beer	52,011	May 1	122	339
Joseph Stoeckle Brewing Company, Wilmington, Del. Beer	59,002	Dec. 25	125	2760
Joseph Tomey & Sons, Limited, Birmingham, England. Water-gage glasses for boilers	57,786	Nov. 27	125	1343
Joseph W. Woods and Son Corporation, Boston, Mass. Printed cotton fabrics	53,863	June 12	122	2383
Joseph Williams Co., Sharpsburg, Pa. Certain chemical compounds	58,759	Dec. 25	125	2753
Joshua Oldham and Sons, Brooklyn, N. Y. Circular, band, hand, and crosscut saws	54,874	July 31	123	1659
Joshua Oldham & Sons, Brooklyn, N. Y. Circular band, hand, and crosscut saws	55,503	Aug. 14	123	2305
Josselson Bros. & Co., Louisville, Ky. Whisky	54,170	June 19	122	2683
Josselson Bros. & Co., Louisville, Ky. Whisky	55,181	Aug. 7	123	1984
Jovete Manufacturing Company, Alexandria, Va. Nitro compounds	50,617	Mar. 27	121	1336
Juda Bros., San Francisco, Cal. Ladies' dress-waists	54,498	June 26	122	2998
Judd, Henry S., Chicago, Ill. Washing-machines	53,317	May 29	122	1716
Judson & Co., P. O., New York, N. Y. Linoleum	54,902	July 31	123	1670
Judson L. Thomson M'fg. Co., Waltham, Mass. Rivets	55,076	Aug. 7	123	1981
Jung & Co., Simon, Milwaukee, Wis. Whisky	57,649	Nov. 27	125	1339
Jung, Louis E., New Orleans, La. Bitters	49,658	Feb. 13	120	2119
Jungmann, J., New York, N. Y. Remedy for the cure of liver complaints, constipation, and biliousness	50,376	Mar. 13	121	683
Jungmann, J., New York, N. Y. Remedy for cure of diseases of the respiratory organs	53,920	June 12	122	2385
K K K Medicine Company, Keokuk, Iowa. Laxatives	53,083	May 22	122	1393
K K K Medicine Company, Keokuk, Iowa. Liniments and ointments	53,254	May 29	122	1713
K. k. landespriv. Milly-Kerzen-, Seifen- und Glycerin-Fabrik, von F. A. Sarg's Sohn & Co., Vienna and Liesing, Austria-Hungary. Preparations for the cleansing and preservation of the teeth and of the mouth	54,110	June 19	122	2681
Kabo Corset Company, Chicago, Ill. Corsets	49,827	Feb. 20	120	2434
Kabo Corset Company, Chicago, Ill. Corsets	50,176	Mar. 6	121	329
Kabo Corset Company, Chicago, Ill. Corsets	54,939	Aug. 7	123	1977
Kaempfer, Frederick, Chicago, Ill. Remedy for the ailments of canaries and other seed-eating birds	57,862	Nov. 27	125	1345
Kaempfer, Frederick, Chicago, Ill. Bird-foods	58,891	Dec. 25	125	2757
Kaestner, Edward F., New York, N. Y. Washing fluids	51,796	Apr. 24	121	2654
Kahama, Chemical Co., St. Louis, Mo. Remedies for certain named diseases	50,429	Mar. 13	121	685
Kahle, Francis U., Buffalo, N. Y. Remedy for certain named diseases	53,601	June 5	122	2056
Kahn Bros., New York, N. Y. Whisky	50,415	Mar. 13	121	684
Kahn & Bros., F. & L., Hamilton, Ohio. Stoves and furnaces	52,330	May 8	122	716
Kahn & Co., L., Cleveland, Ohio. Whisky	52,270	May 8	122	713
Kahn, Harry, Cincinnati, Ohio. Whisky	48,583	Jan. 2	120	320
Kahn, Harry, Cincinnati, Ohio. Whisky	50,153	Mar. 6	121	328
Kahn, Harry, Cincinnati, Ohio. Whisky	51,033	Apr. 3	121	1666
Kahn & Mossbacher, New York, N. Y. Sweaters	58,592	Dec. 18	125	2357
Kalamazoo Stove Co., Kalamazoo, Mich. Ranges, cooking-stoves, and heating-stoves	51,297	Apr. 10	121	1971
Kalkhoff, Alfons F., Toledo, Ohio. Medical preparation for genito-urinary diseases	49,284	Jan. 30	120	1471
Kamp Distilling Co., St. Louis, Mo. Whisky	54,193	June 19	122	2684
Kamp Distilling Co., St. Louis, Mo. Whisky	57,650	Nov. 27	125	1339
Kamper's Sons, C., Buffalo, N. Y. Whisky	56,336	Sept. 11	124	620
Kampfe Bros., New York, N. Y. Razors and razor-blades	56,186	Aug. 28	123	2971
Kansas City Spring Bed Company, Kansas City, Mo. Spring mattresses or bottoms	57,502	Nov. 13	125	661
Kansas Portland Cement Co., Toia, Kans. Portland cement	50,877	Apr. 3	121	1660
Kaplan & Goldsoll, New York, N. Y. Certain named boots, shoes, slippers, and ties	55,041	Aug. 7	123	1980
Kasseler Hafer-Kakao-Fabrik Bausen & Co., Actien-Gesellschaft, Cassel, Germany. Chocolate and cocoa	56,498	Oct. 9	124	1517
Kastor & Bros., Adolph, New York, N. Y. Scissors	52,666	May 15	122	1035
Kastor & Bros., Adolph, New York, N. Y. Pocket-knives	52,853	May 22	122	1384
Kastor & Bros., Adolph, New York, N. Y. Razors and knives	54,356	June 26	122	2992
Kastor & Bros., Adolph, New York, N. Y. Pocket-knives, carvers, razors, and farriers' knives	58,229	Dec. 11	125	2039
Kathairo Chemical Co., New York, N. Y. Disinfectants	53,318	May 29	122	1716
Katharmon Chemical Co., St. Louis, Mo. Tonics	49,525	Feb. 6	120	1819
Kaufmann Bros. & Co., Toledo, Ohio. Whisky	53,885	June 12	122	2384
Kaufman, Henry F., New York, N. Y. Cordials	58,347	Dec. 11	125	2042
Kaufmann, Baer & Co., Cincinnati, Ohio. Whisky	50,276	Mar. 6	121	333
Kaufmann, Baer & Co., Cincinnati, Ohio. Whisky	53,047	May 22	122	1591
Kaufmann Bros. & Co., Toledo, Ohio. Whisky	49,659	Feb. 13	120	2119
Kaufmann Bros. & Co., Toledo, Ohio. Gin	55,757	Aug. 21	123	2615
Kaufmann, David J., Perth Amboy, N. J. Poison for animals and insects	51,936	Apr. 24	121	2659
Kaumagraph Co., New York, N. Y. Stamps for stamping trade-marks upon textiles	54,575	June 26	122	3001
Kay and Ess Co., Dayton, Ohio. Paint-oils	55,001	Aug. 7	123	1979
Kay and Ess Co., Dayton, Ohio. Mixed paints	55,002	Aug. 7	123	1979
Kazoo Suspender Co., Kalamazoo, Mich. Combination hose supporters and suspenders, hose-supporters, and suspenders	58,593	Dec. 18	125	2357
Keach & Brown Mfg. Co., Valley Falls, R. I. Muslin shirt-waists and flannelette gowns	56,615	Oct. 9	124	1838
Kearney & Foot Company, Paterson, N. J. Files and rasps	49,382	Feb. 6	120	1813
Kearney & Foot Company, Paterson, N. J. Files and rasps	49,476	Feb. 6	120	1817
Keasbey & Mattison Company, Ambler, Pa. Packings	49,526	Feb. 6	120	1819
Keatinge, John R., New York, N. Y. Carbon-papers	54,668	June 26	122	3004
Keatinge, John R., New York, N. Y. Inked pads for type-writers	54,713	June 26	122	3006
Kees Manufacturing Co., F. D., Beatrice, Nebr. Adjustable corn-huskers	54,755	June 26	122	3008

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Kef Chemical Co., Washington, D. C. Headache medicine.	53,345	May 29	122	1717
Keflac Company Atlanta, Ga. Lozenges or tablets for fermentation purposes.	52,149	May 1	122	344
Kehew-Bradley Company, Boston, Mass. Lubricating-oils.	55,083	Aug. 7	123	1981
Kehew-Bradley Company, Boston, Mass. Hydrocarbon illuminating-oils.	55,504	Aug. 14	123	2305
Kehew-Bradley Company, Boston, Mass. Belt-dressing.	56,792	Oct. 16	124	2175
Kehlmann, Leopold, New York, N. Y. Cigarette-paper in all forms.	52,913	May 22	122	1386
Keidel, Henry, Baltimore, Md. Gasoline and marine engines.	49,285	Jan. 30	120	1471
Keidel, Henry, Baltimore, Md. Shotguns, rifles, and revolvers.	49,342	Jan. 30	120	1473
Keidel, Henry, Baltimore, Md. Rifles, shotguns, and revolvers.	49,713	Feb. 13	120	2121
Keidel, Henry, Baltimore, Md. Bicycles.	51,353	Apr. 10	121	1974
Keidel, Henry, Baltimore, Md. Hoes.	51,797	Apr. 24	121	2654
Keidel, Henry, Baltimore, Md. Razors.	51,992	May 1	122	338
Keidel, Henry, Baltimore, Md. Steel axes and hatchets.	52,331	May 8	122	716
Keil, Julius M., Western Springs, Ill. Crystalline soluble chemical.	49,206	Jan. 30	120	1468
Keith Brothers & Co., Chicago, Ill. Hats and caps for men and boys.	53,602	June 5	122	2056
Keith Brothers & Co., Chicago, Ill. Hats and caps for men and boys.	53,634	June 5	122	2058
Keith, Charles H., Cleveland, Ohio. Catarrh-snuff.	56,759	Oct. 16	124	2174
Keith, Charles H., Cleveland, Ohio. Catarrh-snuff.	56,760	Oct. 16	124	2174
Keith, Simmons & Co., Nashville, Tenn. Scissors and shears.	51,895	Apr. 24	121	2657
Keith, Simmons & Co., Nashville, Tenn. Razors and pocket, butcher, and table knives.	54,669	June 26	122	3004
Keller, A. H., Sioux Falls, S. D. Medicine.	49,098	Jan. 23	120	1158
Keller, George J., Newark, N. J. Coffee.	49,666	Feb. 13	120	2119
Kelley-Clarke Co., Seattle, Wash. Canned fish.	56,962	Oct. 30	124	2895
Kelley-Clarke Co., Seattle, Wash. Canned fish.	56,988	Oct. 30	124	2896
Kelley-Clarke Co., Seattle, Wash. Canned fish.	57,148	Nov. 6	125	342
Kelley & Lysle Milling Company, Leavenworth, Kans. Wheat-flour.	58,981	Dec. 25	125	2759
Kellogg, James C., New York, N. Y. Laundry blue.	57,511	Nov. 13	125	660
Kellogg-Mackay-Cameron Co., Chicago, Ill. Boilers and radiators.	51,615	Apr. 17	121	2320
Kellogg-Mackay-Cameron Co., Chicago, Ill. Bath-tubs and lavatories.	51,616	Apr. 17	121	2320
Kellogg-Mackay-Cameron Co., Chicago, Ill. Boilers for heating purposes.	54,714	June 26	122	3006
Kellom, Charles F., Philadelphia, Pa. Lubricating oils and grease.	53,727	June 12	122	2578
Kelly & Co., M. R., Joliet, Ill. Corn-killing plasters.	50,099	Mar. 6	121	326
Kelly, George W., Belmont, Ohio. Cigars.	53,319	May 29	122	1716
Kelly, John H., Philadelphia, Pa. Pianos.	57,027	Oct. 30	124	2897
Kelsey, Harry S., Providence, R. I. Certain named bakery products.	56,171	Aug. 28	123	2970
Kempshall Manufacturing Company, New York, N. Y. Golf-balls.	55,983	Aug. 21	123	2621
Kempshall Manufacturing Company, New York, N. Y. Golf-balls.	56,139	Aug. 28	123	2969
Kendall Mfg. Co., Providence, R. I. Polishing-soap.	50,878	Apr. 3	121	1660
Kendall Mfg. Co., Providence, R. I. Soap.	50,879	Apr. 3	121	1660
Kendrick, John R., Philadelphia, Pa. Carpet and upholstery trade periodicals, bulletins, and directories.	58,367	Dec. 11	125	2042
Kennedy, Dennis T., Haverhill, Mass. Patent kid and patent colt-skins.	53,424	June 5	122	2049
Kenneweg Company, Cumberland, Md. Wheat-flour.	51,162	Apr. 3	121	1672
Kenney Manufacturing Company, New York, N. Y. Flushing devices for lavatories, water-closets, and the like.	57,752	Nov. 27	125	1342
Kennicott Water Softener Company, Chicago, Ill. Soda-ash.	57,629	Nov. 20	125	987
Kensett & Co., Thomas, Baltimore, Md. Canned fruits and vegetables.	55,929	Aug. 21	123	2620
Kensett & Co., Thomas, Baltimore, Md. Canned sea foods.	58,230	Dec. 11	125	2039
Kent Lubricating Company, Milwaukee, Wis. Grease.	50,100	Mar. 6	121	326
Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm-wagons.	52,576	May 15	122	1032
Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm-wagons.	52,854	May 22	122	1384
Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm-wagons and dump-carts.	52,855	May 22	122	1384
Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm-wagons.	52,856	May 22	122	1384
Kenyon, Thomas N., Minneapolis, Minn. Remedy for nasal, throat, and lung diseases.	57,512	Nov. 13	125	660
Kerough, Charles E., Norwich, N. Y. Veterinary medicine and liniment.	56,845	Oct. 23	124	2528
Kerins, Thomas J., Addison, N. Y. Cigars.	51,422	Apr. 17	121	2313
Kerner, Ellmore H., Evans City, Pa. Stogies and cigars.	58,231	Dec. 11	125	2039
Kerr & Company, New York, N. Y. Metallic belt-lacing.	55,084	Aug. 7	123	1981
Kerrin, Patrick, New York, N. Y. Chemical solution.	53,635	June 5	122	2058
Kertell, Charles P., San Francisco, Cal. Prepared food for animals and poultry.	53,755	June 12	122	2379
Keuffel & Esser Company, Hoboken, N. J. Drawing-paper.	49,252	Jan. 30	120	1470
Keuffel & Esser Company, Hoboken, N. J. Drawing-paper.	58,259	Dec. 11	125	2039
Keuffel & Esser Company, Hoboken, N. J. Drawing-paper.	59,013	Dec. 25	125	2760
Keuffel & Esser Company, Hoboken, N. J. Certain named drawing instruments.	52,488	May 8	122	722
Kevil & Sons, R. U., Princeton, Ky. Wheat-flour.	55,483	Aug. 14	123	2305
Kewanee Boiler Company, Kewanee, Ill. Boilers for steam and water heating systems.	58,221	Dec. 11	125	2038
Keystone Fence Company, Peoria, Ill. Wire fence.	50,008	Feb. 27	120	2748
Keystone Leather Co., Philadelphia, Pa. Glazed and dull or "mat" kid.	55,688	Aug. 21	123	2613
Keystone Leather Co., Philadelphia, Pa. Patent-leather.	49,864	Feb. 20	120	2426
Keystone Nail Company, Inc., Philadelphia, Pa. Galvanized fastening devices.	55,505	Aug. 14	123	2305
Keystone Varnish Co., Brooklyn, N. Y. Varnishes, japans, liquid fillers, and waterproof finish.	55,389	Aug. 14	123	2302
Keystone Watch Case Co., Philadelphia, Pa. Watches, watchcases, and watch-movements.	58,865	Dec. 25	125	2756
Kibbe Brothers Company, Springfield, Mass. All kinds of candy.	50,565	Mar. 20	121	1008
Kickapoo Indian Medicine Co., Clintonville, Conn. Cough cure.	58,043	Dec. 4	125	1693
Kiefer & Co., Los Angeles, Cal. Whisky.	53,886	June 12	122	2384
Kiefer, Oscar H., Los Angeles, Cal. Whisky.	55,758	Aug. 21	123	2615
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	48,702	Jan. 9	120	650
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	48,703	Jan. 9	120	650
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	48,704	Jan. 9	120	650
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	48,729	Jan. 9	120	651
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	48,730	Jan. 9	120	651
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	48,731	Jan. 9	120	651
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrow-wheels.	48,956	Jan. 16	120	898
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Earth-scrapers.	49,313	Jan. 30	120	1472
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Earth-scrapers.	49,314	Jan. 30	120	1472
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	50,627	Mar. 27	121	1337
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Earth-scrapers.	50,834	Apr. 3	121	1658
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Wheelbarrows and the parts thereof.	51,563	Apr. 17	121	2318

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. Earth-scrapers.	52,958	May 22	122	1388
Kilmer & Co., Dr., Binghamton, N. Y. Certain proprietary medicines.	48,789	Jan. 16	120	891
Kilmer & Co., Dr., Binghamton, N. Y. Certain proprietary medicine.	48,790	Jan. 16	120	891
Kilmer & Co., Dr., Binghamton, N. Y. Ointment.	48,791	Jan. 16	120	891
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary medicine.	48,792	Jan. 16	120	891
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary medicine.	48,793	Jan. 16	120	891
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary medicine.	48,794	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary remedy.	48,795	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary medicine.	48,796	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary remedy.	48,797	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary remedy.	48,798	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary remedy.	48,799	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary medicines.	48,800	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary remedy.	48,801	Jan. 16	120	892
Kilmer & Co., Dr., Binghamton, N. Y. Proprietary medicine.	49,156	Jan. 23	120	1160
Kimball Brothers Co., Council Bluffs, Iowa. Scales.	55,543	Aug. 14	121	2306
Kimball Flour Co., Troy, N. Y. Wheat-flour.	58,594	Dec. 18	125	2357
Kinahan & Company Limited, Dublin, Ireland. Scotch whisky.	57,994	Dec. 4	125	1692
Kinahan & Company Limited, Dublin, Ireland. Scotch whisky.	58,032	Dec. 4	125	1693
King & Co., J. B., New York, N. Y. Plastering and finishing cement.	51,710	Apr. 24	121	2650
King & Co., J. B., New York, N. Y. Cement-plaster.	54,517	June 26	122	2998
King & Co., J. B., New York, N. Y. Plaster-of-paris.	57,535	Nov. 13	125	660
King Collar Button Co., New York, N. Y. Collar and cuff buttons.	48,627	Jan. 9	120	647
King, Elliott H., Brooklyn, N. Y. Canned soups.	48,994	Jan. 16	120	899
King Manufacturing Co., Piqua, Ohio. Roll-paper holders and cutters.	48,957	Jan. 16	120	898
King & Son, Charles, Alexandria, Va. Wheat-flour.	51,498	Apr. 17	121	2316
King, Winfield L., Pittsburg, Pa. Healing-salve.	58,760	Dec. 25	125	2753
Kingston & Kellogg, Waukesha, Wis. Hair-renewers.	55,899	Aug. 21	123	2619
Kinney & Co., F. G., New Orleans, La. Vegetable-oil cake.	58,147	Dec. 4	125	1696
Kirk-Geary & Co., Sacramento, Cal. Medicinal cordial.	49,971	Feb. 27	120	2746
Kirk-Geary & Company, Sacramento and San Francisco, Cal. Intensifiers for weak negatives.	52,103	May 1	122	342
Kiser & Co., S. L., Indianapolis, Ind. Fountain-pens.	54,830	July 31	123	1658
Klas, Hilarius, San Francisco, Cal. Peach bitters.	54,605	June 26	122	3002
Klauber Wangerheim Co., San Diego, Cal. Canned fruits and canned vegetables.	58,148	Dec. 4	125	1696
Klauer Mfg. Co., Dubuque, Iowa. Metal roofing, ridges, eaves-troughs, conductor-pipes, and elbows.	57,968	Dec. 4	125	1691
Kleanit Manufacturing Company, Akron, Ohio. Soap containing a fine grit.	55,458	Aug. 14	123	2304
Klein Bros., Cincinnati, Ohio. Whisky.	48,584	Jan. 2	120	320
Kleinschmidt, Augustus A., St. Louis, Mo. Blood-purifier and liver-tonic.	52,726	May 15	122	1037
Klemm, Charles W., Bloomington, Ill. Children's suits.	53,179	May 29	122	1710
Klen-So Pharmacal Company, Philadelphia, Pa. Compound for cleaning and disinfecting.	49,207	Jan. 30	120	1468
Kline, John J., Brooklyn, N. Y. Salve which is a cure or remedy for freckles.	53,921	June 12	122	2385
Klinger, Richard, Gumpoldskirchen, Austria-Hungary. Packing for stuffing-boxes and the like.	50,978	Apr. 3	121	1664
Kloczewski & Co., Washington, D. C. Vegetable compound.	53,224	May 29	122	1712
Kloczewski & Co., Washington, D. C. Medicine for headache and neuralgia.	56,115	Aug. 28	123	2969
Knapp Rubber Binding Co., New York, N. Y. India-rubber stair-nosings.	51,896	Apr. 24	121	2658
Knapp Rubber Binding Co., New York, N. Y. India-rubber stair-nosings.	51,897	Apr. 24	121	2658
Knapp Rubber Binding Co., New York, N. Y. India-rubber binding.	51,937	Apr. 24	121	2659
Knapp Rubber Binding Co., New York, N. Y. India-rubber binding.	51,938	Apr. 24	121	2659
Knapp Rubber Binding Company, New York, N. Y. India-rubber binding.	55,085	Aug. 7	123	1981
Knapp Rubber Binding Company, New York, N. Y. India-rubber stair-nosings.	55,086	Aug. 7	123	1981
Knapp, Lester H., Buffalo, N. Y. Anesthetic for dental and surgical operations.	56,369	Sept. 18	124	901
Knerr, Levi J., Philadelphia, Pa. Certain named medicine.	52,473	May 8	122	721
Knickerbocker Brace Co., Easton, Pa. Shoulder-braces, chest-expanders, and suspenders.	49,383	Feb. 6	120	1813
Knickerbocker Brace Co., Easton, Pa. Shoulder-braces, chest-expanders, and suspenders.	57,116	Nov. 6	125	341
Knickerbocker Chocolate Company, New York, N. Y. Chocolate.	49,157	Jan. 23	120	1160
Knickerbocker Chocolate Company, New York, N. Y. Chocolate and cocoa.	49,343	Jan. 30	120	1473
Knickerbocker Chocolate Company, New York, N. Y. Chocolate and cocoa.	49,714	Feb. 13	120	2121
Knickerbocker Chocolate Company, New York, N. Y. Rock-candy and rock-candy syrups.	53,463	June 5	122	2650
Knob, Harry, Cleveland, Ohio. Soap powder.	56,590	Oct. 9	124	1838
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Medical compound to be used as an astringent.	51,898	Apr. 24	121	2658
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Medical compound to be used as a hemostatic.	51,899	Apr. 24	121	2658
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Preparations of sodium theobromate and sodium salicylate.	55,759	Aug. 21	123	2615
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Medicine for kidney and heart diseases.	56,371	Sept. 18	124	901
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Certain named medicinal compounds.	57,220	Nov. 6	125	344
Koch Vegetable Tea Co., Dr., Winona, Minn. Stock food or tonic for horses, cattle, sheep, and hogs.	58,405	Dec. 11	125	2043
Knothe, Adolph C., New York, N. Y. Suspenders.	55,087	Aug. 7	123	1981
Knox Automobile Company, Springfield, Mass. Automobiles.	49,905	Feb. 20	120	2437
Knox, Charles B., Johnstown, N. Y. Compound for curing blood and skin diseases.	50,380	Mar. 13	121	683
Knox, Edward M., New York, N. Y. Hats and caps.	50,790	Mar. 27	121	1343
Knox Hat Manufacturing Co., Brooklyn, N. Y. Hats and caps.	49,783	Feb. 13	120	2123
Knox Hat Manufacturing Co., Brooklyn, N. Y. Hats and caps.	49,784	Feb. 13	120	2123
Knox Motor Truck Co., Springfield, Mass. Motor-vehicles known as automobiles.	55,088	Aug. 7	123	1981
Kny-Scheerer Company, Brooklyn, N. Y. Certain named toilet preparation.	51,326	Apr. 10	121	1973
Koch Butchers' Supply Company, Kansas City, Mo. Sausage-filler.	56,352	Sept. 18	124	901
Koch, Gustave, New York, N. Y. Feather dusters.	55,330	Aug. 14	123	2301
Kochlin & Engelhardt, Newark, N. J. Silver and silver-plated hollow ware and flat ware.	56,499	Oct. 2	124	1517
Koehler, Julius, Cleveland, Ohio. Peanut-butter.	58,149	Dec. 4	125	1696
Koernlein, Edgar J., Cincinnati, Ohio. Salve and ointment.	48,549	Jan. 2	120	319
Kohrý, Alexander A., Pittsburg, Pa. Smoking-tobacco, chewing-tobacco, and tobacco used for making cigarettes.	54,499	June 26	122	2998
Koháry, Alexander A., Pittsburg, Pa. Cigars and cheroots.	57,093	Nov. 6	125	341
Koháry, Alexander A., Pittsburg, Pa. Smoking-tobacco.	57,117	Nov. 6	125	341
Kohler & Campbell, New York, N. Y. Pianos.	58,283	Dec. 11	125	2040
Kohler Manufacturing Co., Baltimore, Md. Corn-salve.	55,760	Aug. 21	123	2615
Kohler Manufacturing Co., Baltimore, Md. Medical preparation for the cure of headache and neuralgia.	56,140	Aug. 28	123	2969
Kohlman, Benjamin J., Mobile, Ala. Whisky.	55,689	Aug. 21	123	2613
Kohlman, Benjamin J., Mobile, Ala. Whisky.	55,824	Aug. 21	123	2617
Kohn, Adler & Co., Philadelphia, Pa. Ribbons.	54,940	Aug. 7	123	1977
Kohn, David, Philadelphia, Pa. Whisky.	51,585	Apr. 17	121	2319
Kohnstamm & Co., H., New York, N. Y. Laundry starch.	58,105	Dec. 4	125	1695
Köller & Co., F., Solingen, Germany. Pocket-knives.	50,904	Apr. 3	121	1661
Köller & Co., F., Solingen, Germany. Scissors.	51,564	Apr. 17	121	2318
Kopp, Charles R., York, Pa. Soothing-syrup.	51,172	Apr. 3	121	1672

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Kops Bros., New York, N. Y. Corsets, corset-waists, and corset-steels.	50,936	Apr. 3	121	1662
Kops Bros., New York, N. Y. Corsets.	52,683	May 15	122	1036
Kops Bros., New York, N. Y. Corsets.	55,569	Aug. 14	123	2307
Kora Co., New York, N. Y. Dress-shields.	54,555	June 26	122	3000
Kornit Manufacturing Company, New York, N. Y. Plastic composition made from animals' horns and hoofs.	55,984	Aug. 21	123	2621
Körting & Mathiesen Aktiengesellschaft, Leutzsch, Germany. Electric lamps of all kinds.	52,424	May 8	122	719
Körting & Mathiesen Aktiengesellschaft, Leutzsch, Germany. Electric arc and incandescent lamps.	55,506	Aug. 14	123	2305
Körting & Mathiesen Aktiengesellschaft, Leutzsch, Germany. Electric search-lights and parts thereof.	57,059	Oct. 30	124	2898
Krag Imperial Cabinet Company, Chicago, Ill. Desks, tables, and cabinets.	56,807	Oct. 16	124	2175
Krag Imperial Cabinet Company, Chicago, Ill. Desks, tables, and cabinets.	57,462	Nov. 13	125	658
Krakauer Bros., New York, N. Y. Pianos and automatic piano-players.	57,863	Nov. 27	125	1345
Kramig & Co., R. E., Cincinnati, Ohio. Heat or cold insulation.	57,677	Nov. 27	125	1340
Kramig & Co., R. E., Cincinnati, Ohio. Heat or cold insulation.	57,678	Nov. 27	125	1340
Krank, Alfred J., St. Paul, Minn. Dandruff and skin cure.	51,657	Apr. 17	121	2322
Kratz, Paul, Louisville, Ky. Periodical.	54,284	June 26	122	2989
Kraus & Glauberg Co., New York, N. Y. Hair combs, retainers, ornaments, and pins.	48,753	Jan. 9	120	652
Kraus & Glauberg Co., New York, N. Y. Hair combs, retainers, ornaments, and pins.	48,754	Jan. 9	120	652
Krauser & Brother, E., Milton, Pa. Liquid extract of smoke for preserving meats.	50,416	Mar. 13	121	684
Krebs, Ernst T., Bridgeport, Conn. Anodynes in liquid form.	56,873	Oct. 23	124	2528
Krebs Pigment & Chemical Co., Wilmington, Del. Pigments for paints.	49,031	Jan. 23	120	1155
Kreiselheimer Bros., Seattle, Wash. Whisky.	48,755	Jan. 9	120	652
Kreiselheimer Bros., Seattle, Wash. Whisky.	57,651	Nov. 27	125	1339
Krementz & Co., Newark, N. J. Collar-buttons.	49,770	Feb. 13	120	2123
Krementz & Co., Newark, N. J. Brooches, scarf-pins, and cuff-pins.	53,386	June 5	122	2047
Krementz & Co., Newark, N. J. Hat-pins, combs, and hair-pins of gold.	54,831	July 31	123	1658
Krementz & Co., Newark, N. J. Chains, necklaces, and fobs.	55,027	Aug. 7	123	1980
Kremlin Mill and Elevator Co., Kremlin, Okla. Ter. Wheat-flour.	58,132	Dec. 4	125	1695
Krieg, Joseph, Jersey City, N. J. Liquid compound of honey and rock-candy.	56,761	Oct. 16	124	2174
Kriete, John E., Dunsmville, Va. Canned fruits and vegetables.	51,080	Apr. 3	121	1668
Krix-ol Chemical Co., Washington, D. C. Disinfectants.	55,637	Aug. 21	123	2612
Kroeger Piano Co., New York, N. Y. Pianos.	54,670	June 26	122	3005
Kroto Pharmaceutical Company, Albany, N. Y. Specific for the treatment of whooping-cough.	52,455	May 8	122	721
Krupp Remedy Co., Chicago, Ill. Remedy for certain named diseases.	54,976	Aug. 7	123	1978
Krusius, Ewald, New York, N. Y. Knives and razors.	54,171	June 19	122	2684
Krusius, Ewald, New York, N. Y. Scissors and shears.	55,375	Aug. 14	123	2302
Kuhlmann, Elizabeth, Cincinnati, Ohio. Whisky.	52,150	May 1	122	344
Kullman, Salz & Company, San Francisco, Cal. Oak-tanned cowhide.	48,821	Jan. 16	120	893
Kullman, Salz & Company, San Francisco, Cal. Oak-tanned cowhide, harness-leather, skirting, and cut stock.	51,900	Apr. 24	121	2658
Kunhardt & Co., New York, N. Y. Cotton piece goods.	56,322	Sept. 11	124	619
Kupfer & Co., Henry, New York, N. Y. Velvets and velveteens.	57,969	Dec. 4	125	1691
Kupfer & Co., Henry, New York, N. Y. Velveteen.	58,681	Dec. 25	125	2751
Kuttowait Butter Cutter Company, Chicago, Ill. Butter-cutters.	49,693	Feb. 13	120	2120
Kuttroff, Pickhardt & Company, assignor to Continental Color and Chemical Co., New York, N. Y. Dyestuff.	52,425	May 8	122	719
Kuttroff, Pickhardt & Company, assignor to Continental Color and Chemical Co., New York, N. Y. Dyestuff.	52,426	May 8	122	719
Kuttroff, Pickhardt & Company, assignor to Continental Color and Chemical Co., New York, N. Y. Dyestuff.	52,427	May 8	122	720
Kuttroff, Pickhardt & Company, assignor to Continental Color and Chemical Co., New York, N. Y. Dyestuff.	52,428	May 8	122	720
Kuttroff, Pickhardt & Company, assignors to Continental Color and Chemical Co., New York, N. Y. Dyestuff.	57,060	Oct. 30	124	2898
L. Hardy Co., Worcester, Mass. Shaving and whitening blades.	56,070	Aug. 21	123	2623
L. Martin Company, New York, N. Y. Lamp and gas black.	55,089	Aug. 7	123	1981
L. Otzen & Co., Inc., San Francisco, Cal. Dried fruits.	54,378	June 26	122	2993
L. Rose & Co., Limited, London, England. Glass bottles.	51,682	Apr. 24	121	2649
L. A. Thompson Scenic Railway Co., New York, N. Y. Scenic railways.	51,820	Apr. 24	121	2655
L. E. Waterman Company, New York, N. Y. Fountain-pens.	49,478	Feb. 6	120	1817
L. E. Waterman Company, New York, N. Y. Fountain-pens.	49,715	Feb. 13	120	2121
L. E. Waterman Company, New York, N. Y. Fountain-pens.	51,993	May 1	122	338
L. F. Hignbotham Co., New York, N. Y. Artists' and draftsmen's paper and cardboard.	55,350	Aug. 14	123	2301
L. S. Brown Charcoal Company, Incorporated, Springfield, Mass. Charcoal.	53,225	May 29	122	1712
L'Electrique Erdébé Sté Anonyme, Brussels, Belgium. Electric glow-lamps and accessories, sockets, keys, commutators.	57,095	Nov. 6	125	341
L'Electrique Erdébé Sté Anonyme, Brussels, Belgium. Electric glow-lamps and accessories, sockets, keys, commutators.	57,096	Nov. 6	125	341
La Bastie Glass Co., Ottawa, Ill. Glass lamp-chimneys.	50,618	Mar. 27	121	1336
La Bastie Glass Co., Ottawa, Ill. Lamp-chimneys.	58,682	Dec. 25	125	2751
La Bastie Glass Co., Ottawa, Ill. Lamp-chimneys.	58,798	Dec. 25	125	2754
La France Manufacturing Company, Philadelphia, Pa. Laundry soap.	58,081	Dec. 4	125	1694
La-Lo Manufacturing Company, Boston, Mass. Chemical preparations.	54,672	June 26	122	3005
La Vigne, Alexander A., Cleveland, Ohio. Depilatory.	58,044	Dec. 4	125	1693
La Vigne, Alexander A., Cleveland, Ohio. Depilatory.	58,062	Dec. 4	125	1693
Labatt, John, London, Canada. Ale.	53,048	May 22	122	1391
Labatt, John, London, Canada. Stout.	55,209	Aug. 7	123	1985
Labatt, John, London, Ontario, Canada. Porter.	57,040	Oct. 30	124	2897
Laboratory Company, Leeds, England. Medicinal pills, tablets, and capsules.	54,671	June 26	122	3005
Lacey & Co., C. E., Aberdeen, S. D. Insecticides.	51,241	Apr. 10	121	1969
Lactoleum-Werke Ges. mit. beschr. Hitzg., Berlin, Germany. Composition of matter.	55,544	Aug. 14	123	2306
Lacy, Henry, Syracuse, N. Y. Cream, milk, butter, and cheese.	57,652	Nov. 27	125	1339
Lacy, Lane, Richmond, Va. Bearing metal.	55,090	Aug. 7	123	1981
Laffin & Rand Powder Company, New York, N. Y. Explosive powder.	57,426	Nov. 13	125	657
Laffin & Rand Powder Company, New York, N. Y. Gunpowder.	57,995	Dec. 4	125	1692
Laffin & Rand Powder Company, New York, N. Y. Explosive powder, including smokeless powder.	58,022	Dec. 4	125	1693
Laffin & Rand Powder Company, New York, N. Y. Explosive powder.	58,557	Dec. 18	125	2356
Laine Chemical Company, New York, N. Y. Hepatic stimulant, antizymotic, uric-acid solvent, and eliminant.	58,082	Dec. 4	125	1694
Laliberte, Albert S., Williamstown, Mass. Liquid paint.	54,194	June 19	122	2684
Lamar & Rankin Drug Co., Atlanta, Ga. Preparation for the treatment of certain named diseases.	49,569	Feb. 13	120	2115
Lamar & Rankin Drug Company, Atlanta, Ga. Castor-oil.	54,357	June 26	122	2992
Lambert, Moses H., New Haven, Conn. Shirts, collars, and cuffs.	52,037	May 1	122	340
Lambert Pharmacal Co., St. Louis, Mo. Soaps.	57,563	Nov. 13	125	661
Lambert Pharmacal Company, St. Louis, Mo. Tooth-powder.	55,690	Aug. 21	123	2613

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Lambertville Rubber Company, Lambertville, N. J. Rubber boots and shoes.	51,711	Apr. 24	121	2650
Lamont, Corliss & Co., New York, N. Y. Pills.	50,047	Feb. 27	120	2749
Lanahan & Son, Wm., Baltimore, Md. Whisky.	55,691	Aug. 21	123	2615
Landau & Co., St. Louis, Mo. Canned fruits and vegetables.	53,346	May 29	122	1717
Landers, Frary and Clark, New Britain, Conn. Carving-knives.	54,875	July 31	123	1060
Landers, Frary and Clark, New Britain, Conn. Percolators.	55,331	Aug. 14	123	2301
Landers, Frary and Clark, New Britain, Conn. Right and left hand stop and waste cocks.	55,570	Aug. 14	123	2307
Landers, Frary and Clark, New Britain, Conn. Bread and cake making machines and egg-beating machines.	56,846	Oct. 23	124	2528
Landers, Frary and Clark, New Britain, Conn. Coffee and spice mills.	56,847	Oct. 23	124	2528
Landers, Frary and Clark, New Britain, Conn. Rotary food-choppers.	56,848	Oct. 23	124	2528
Landers, Frary and Clark, New Britain, Conn. Rotary meat and vegetable choppers.	56,930	Oct. 23	124	2530
Landers, Frary and Clark, New Britain, Conn. Certain named butchers' tools.	57,077	Oct. 30	124	2898
Landers, Frary & Clark, New Britain, Conn. Certain solid or plated precious-metal ware.	57,221	Nov. 6	125	344
Landers, Frary and Clark, New Britain, Conn. Table and carving knives.	57,787	Nov. 27	125	1343
Landers, Frary and Clark, New Britain, Conn. Certain named cutlery.	57,788	Nov. 27	125	1343
Landers, Frary and Clark, New Britain, Conn. Lard and fruit presses and sausage-stuffers.	57,833	Nov. 27	125	1344
Landers, Frary and Clark, New Britain, Conn. Certain named cutlery.	58,445	Dec. 18	125	2353
Lang & Co., H. A., Philadelphia, Pa. Men's, women's, and children's hosiery.	51,798	Apr. 24	121	2654
Lang, Schenck & Co., Columbus, Ohio. Whisky.	52,332	May 8	122	716
Lang, Schenck & Co., Columbus, Ohio. Whisky.	52,648	May 15	122	1035
Lang, Schenck & Co., Columbus, Ohio. Whisky.	58,023	Dec. 4	125	1693
Lange, Morris, Cincinnati, Ohio. Whisky.	48,822	Jan. 16	120	893
Lange, Morris, Cincinnati, Ohio. Whisky.	49,477	Feb. 6	120	1817
Lange, Morris, Cincinnati, Ohio. Whisky.	49,661	Feb. 13	120	2119
Lange, Morris, Cincinnati, Ohio. Whisky.	54,448	June 26	122	2996
Langigan, Edward N., St. Louis, Mo. Toilet powders and toilet creams.	53,583	June 5	122	2055
Langman & Kemp, New York, N. Y. Sugar-coated pills.	49,570	Feb. 13	120	2115
Langman & Kemp, New York, N. Y. Hair-tonics.	50,979	Apr. 3	121	1664
Langman & Kemp, New York, N. Y. Sarsaparilla.	52,456	May 8	122	721
Langman & Kemp, New York, N. Y. Toilet waters.	54,993	Aug. 7	123	1979
Lansingh, Van Kesselaar, New York, N. Y. Periodical publication.	53,808	June 12	122	2381
Langston Monotype Machine Co., Philadelphia, Pa. Type casting and composing machines.	56,963	Oct. 30	124	2895
Langston Monotype Machine Co., Philadelphia, Pa. Paper ribbons or controllers for type casting and composing machines.	58,649	Dec. 18	125	2358
Lappe, Th., Neu-Dietendorf, Germany. Stomach-bitters.	55,692	Aug. 21	123	2613
Lappin Tea Company, New York, N. Y. Tea.	58,558	Dec. 18	125	2356
Laracy, Francis J., Kearney, N. J. Photographs.	55,332	Aug. 14	123	2301
Larned, Carter and Co., Detroit, Mich. Coats, pants, overalls, and blouses.	48,481	Jan. 2	120	316
Larom, Frank W., New York, N. Y. Ladies' and gentlemen's kid, cloth, and chamois gloves.	51,586	Apr. 17	121	2319
Larson, John P., Chicago, Ill. Snuff.	55,545	Aug. 14	123	2306
Lash's Bitters Co., San Francisco, Cal. Bitters.	55,003	Aug. 7	123	1979
Lash's Bitters Co., San Francisco, Cal. Stomach-bitters.	58,408	Dec. 11	125	2043
Lattemann, John J., New York, N. Y. Leather boots and shoes.	49,209	Jan. 30	120	1468
Lattemann, John J., New York, N. Y. Ankle-supporting leather shoes.	53,785	June 12	122	2380
Lattimer-Williams Manufacturing Company, Columbus, Ohio. Stoves and ranges.	52,333	May 8	122	716
Lauber, Carl F., Philadelphia, Pa. Gins.	51,081	Apr. 3	121	1668
Lauber, Carl F., Philadelphia, Pa. Brandies and fruit-brandies.	51,082	Apr. 3	121	1668
Lauber, Carl F., Philadelphia, Pa. Beer.	56,699	Oct. 16	124	2172
Lauber, Carl F., Philadelphia, Pa. Beer, ale, and brown stout.	57,513	Nov. 13	125	660
Lauber, Carl F., Philadelphia, Pa. Rums and arracks.	58,311	Dec. 11	125	2041
Laughlin, Elmyr A., Chicago, Ill. Prepared roofing-felt.	52,012	May 1	122	339
Laurel Silk Works, New York, N. Y. Broad silks.	55,004	Aug. 7	123	1979
Lauritzen Malt Co., Minneapolis, Minn. Non-intoxicating table-malt.	49,384	Feb. 6	120	1813
Lavadura Chemical Co., Savannah, Ga. Demulcents.	49,286	Jan. 30	120	1471
Lavaline Manufacturing Company, Milwaukee, Wis. Cleaning-powder.	57,653	Nov. 27	125	1339
Lavalth Bros., San Francisco, Cal. Whisky.	49,527	Feb. 6	120	1819
Lavoris Chemical Company, Minneapolis, Minn. Mouth, nose, and throat wash.	53,922	June 12	122	2385
Law, Hartland, Herbert E. Law, San Francisco, Cal. Remedies for certain named diseases.	54,673	June 26	122	3005
Lawall's Son & Co., Cyrus, Easton, Pa. Vermicide.	52,780	May 15	122	1040
Lawler, Lewis B., Rushville, Ill. Cleaning compound.	56,998	Oct. 30	124	2896
Lawrence, Benjamin B., New York, N. Y. Local anesthetics.	50,725	Mar. 27	121	1341
Lawrence, Charles H., El Paso, Tex. Cigar-clippings.	55,157	Aug. 7	123	1983
Lawrence Feed Co. Ltd., Crowley, La. Mixed feed.	55,825	Aug. 21	123	2617
Lawrence Machine Co., Lawrence, Mass. Centrifugal pumps.	58,982	Dec. 25	125	2759
Lawrence Publishing Co., Cleveland, Ohio. Magazines and periodicals.	56,762	Oct. 16	124	2174
Lawrence & Son, W. A., Chester, N. Y. Neufchâtel cheese.	50,619	Mar. 27	121	1336
Lawrence & Son, W. A., Chester, N. Y. Cream-cheese.	57,094	Nov. 6	125	341
Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass. Wheat-flour.	52,151	May 1	122	344
Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass. Wheat-flour.	52,152	May 1	122	344
Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass. Wheat-flour.	53,439	June 5	122	2049
Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass. Wheat-flour.	54,470	June 26	122	2997
Lawton, Harry A., Cleveland, Ohio. Mineral compound for cleaning brass and other metals.	52,444	May 8	122	720
Laxo Company, Durham, N. C. Remedy for certain named diseases.	56,214	Sept. 4	124	313
Lazarus, Louis, Lynchburg, Va. Whisky.	52,586	May 15	122	1032
Lazarus, Louis, Lynchburg, Va. Whisky.	55,294	Aug. 14	123	2303
Lazarus and Nassauer, Cairo, Ill. Whisky.	49,771	Feb. 13	120	2123
Lazarus & Nassauer, Cairo, Ill. Whisky.	53,887	June 12	122	2384
Lazarus & Nassauer, Cairo, Ill. Gin.	58,063	Dec. 4	125	1693
Lazell, Dalley & Co., Incorporated, New York, N. Y. Perfumes and toilet waters.	54,764	June 26	122	3008
Le Compte, Benjamin W., Galveston, Tex. Whisky.	53,425	June 5	122	2049
Le Compte, Benjamin W., Galveston, Tex. Whisky.	55,761	Aug. 21	123	2615
Le Dane, Thomas H., Hagerstown, Md. Remedy for certain named diseases.	57,041	Oct. 30	124	2897
Leak, William H., Watertown, N. Y. Root-canal filling.	52,463	May 8	122	721
Leas & McVitty, Incorporated, Philadelphia, Pa. Tanned leather.	48,823	Jan. 16	120	893
Leatheroid Manufacturing Company, Kennebunk, Me. Parchmentized paper-board.	54,832	July 31	123	1658
Leavy, William L., Brooklyn, N. Y. Infants' and children's dresses.	55,091	Aug. 7	123	1981
Lebovitz, Herman J., Chicago, Ill. Whisky.	55,269	Aug. 14	123	2299
Leclanché Battery Co., New York, N. Y. Electric batteries.	50,937	Apr. 3	121	1662
Ledeboer & Van Der Held, Rotterdam, Netherlands. Wheat-flour.	52,534	May 8	122	724
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.	51,901	Apr. 24	121	2658
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.	53,375	June 5	122	2047
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.	56,727	Oct. 16	124	2173
Lee, Frank, Newport News, Va. Medicine for poultry.	52,498	May 8	122	722
Lee, Fred E., et al., executors. (See Beckwith, Philo D.)				
Lee, William H., Chicago, Ill. Diaries.	52,038	May 1	122	340

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page
Lee, Wm. H., Chicago, Ill. Books.....	49,528	Feb. 6	120	1819
Leedy, Charles J., Baltimore, Md. Cleaning preparation.....	57,427	Nov. 13	125	657
Lefebvre, Michel T., Montreal, Canada. Coffee substitutes.....	49,906	Feb. 20	120	2437
Leffler Mfg. Co., New York, N. Y. Perfumes.....	56,015	Aug. 21	123	2622
Leffler, Thiele & Co., New York, N. Y. Hollow enameled steelware.....	52,886	May 22	122	1385
Leggett & Brother, New York, N. Y. Chlorid of lime.....	49,210	Jan. 30	120	1468
Leggett & Brother, New York, N. Y. Insecticides.....	52,781	May 15	122	1040
Lehealol Preparation Co., Melrose, Mass. Ointments and lotions.....	49,253	Jan. 30	120	1470
Lehealol Preparation Co., Melrose, Mass. Toilet and medicated soaps.....	54,787	July 31	123	1657
Lehigh Coal & Navigation Company, Philadelphia, Pa. Coal.....	56,244	Sept. 4	124	314
Lehigh Portland Cement Co., Ormrod and Allentown, Pa. Portland cement.....	49,238	Jan. 30	120	1469
Lehmaier, Louis A., New York, N. Y. Writing-paper.....	50,550	Mar. 20	121	1007
Lehmann, William C., New York, N. Y. Wash for treatment of affections of the eye.....	48,860	Jan. 16	120	894
Lehn & Fink, New York, N. Y. Spices.....	51,470	Apr. 17	121	2315
Lemcke, Albert W., New York, N. Y. Whisky.....	58,239	Dec. 11	125	2039
Lengerke & Detmold, von, New York, N. Y. Shotguns.....	54,954	Aug. 7	123	1978
Lennox Furnace Co., Marshalltown, Iowa. Furnaces.....	51,799	Apr. 24	121	2654
Leo I. Meinhard Company, New York, N. Y. Silk, duck, and leather belts.....	56,572	Oct. 9	124	1837
Leo, V. de, Tampa, Fla. Medicinal preparation.....	50,781	Mar. 27	121	1343
Leon, Charles, New York, N. Y. Tablets for laxative and digestive purposes.....	58,832	Dec. 25	125	2755
Leona Garment Company, Chicago, Ill. Women's combination undergarments.....	53,101	May 29	122	1707
Leonard, Charles H., Boonton, N. J. Wheat-flour.....	57,097	Nov. 6	125	341
Leonard & Co., George H., Boston, Mass. Sumac, gambier, oak, and hemlock extracts.....	52,464	May 8	122	721
Leonardt & Co., D., Birmingham, England. Steel pens.....	56,763	Oct. 16	124	2174
Leonhardt & Co., Schoeneberg, Germany. Horseshoe-studs.....	53,127	May 29	122	1708
Leonhardt, Oscar F., Baltimore, Md. Toothache-wax.....	52,457	May 8	122	721
Les Produits Chimiques de Croissy, Paris, France, assignor, by mesne assignments, to Special Products Company. Powder to fix fresco and lime colors.....	57,331	Nov. 13	125	655
Lester E. Keeley Co., Dwight, Ill. Medicinal preparation.....	49,315	Jan. 30	120	1472
Lester H. Greene Co., Montpelier, Vt. Pulmonary cough remedy in liquid and pill form.....	55,693	Aug. 21	123	2613
Lester Piano Company, Philadelphia, Pa. Upright and grand pianos.....	53,387	June 5	122	2047
Leuschner, Paul, Mount Clemens, Mich. Ointments.....	54,237	June 26	122	2991
Levalley, Christopher W., Milwaukee, Wis. Shaft-hangers.....	50,620	Mar. 27	121	1336
Levalley, Christopher W., Milwaukee, Wis. Shaft-couplings.....	56,964	Oct. 30	124	2895
Lever Brothers Company, Cambridge, Mass. Soap.....	53,489	June 5	122	2052
Lever Brothers Company, Cambridge, Mass. Soap.....	57,369	Nov. 13	125	656
Lever Brothers Company, Cambridge, Mass. Soap.....	57,399	Nov. 13	125	657
Lever Brothers Company, Cambridge, Mass. Soap.....	57,536	Nov. 13	125	660
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	57,713	Nov. 27	125	1341
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	57,714	Nov. 27	125	1341
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	58,464	Dec. 18	125	2354
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	58,465	Dec. 18	125	2354
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	58,465	Dec. 18	125	2354
Levering Coffee Co., Baltimore, Md. Coffee.....	50,048	Feb. 27	120	2749
Levey Bros. & Co., Indianapolis, Ind. Bank-checks.....	48,824	Jan. 16	120	893
Levi & Blum, New York, N. Y. Dress-shields.....	55,005	Aug. 7	123	1979
Levi & Blum, New York, N. Y. Dress-shields.....	58,559	Dec. 18	125	2356
Levi, Simon, Terre Haute, Ind. Wool blankets.....	50,178	Mar. 6	121	329
Levi, Sol E., Portland, Oreg. Whisky.....	48,585	Jan. 2	120	320
Levi Strauss & Co., San Francisco, Cal. Outer garments.....	50,748	Mar. 27	121	1341
Levi Strauss & Company, San Francisco, Cal. Overshirts.....	51,528	Apr. 17	121	2317
Levi Strauss and Company, San Francisco, Cal. Undervests, jerseys, and drawers.....	53,102	May 29	122	1707
Levinson, Sol, Brooklyn, N. Y. Celery tonic beverage.....	55,210	Aug. 7	123	1985
Levinstein, Israel, Baltimore, Md. Leather boots and shoes.....	50,132	Mar. 6	121	328
Levinstein, Israel, Baltimore, Md. Leather boots and shoes.....	50,155	Mar. 6	121	328
Levy & Co., L. W., Galveston, Tex. Whisky.....	49,208	Jan. 30	120	1468
Levy & Co., Lee, St. Louis, Mo. Whisky.....	50,277	Mar. 6	121	333
Levy, David H., New York, N. Y. Cigars and cheroots.....	49,662	Feb. 13	120	2119
Levy, Henry S., Brooklyn, N. Y. Bread.....	54,431	June 26	122	2995
Lewinsohn, E., Berlin, Germany. Fancy feathers, ostrich-feathers, and feather trimmings.....	53,923	June 12	122	2385
Lewis Bros., Jordan, N. Y. Ointment.....	56,016	Aug. 21	123	2622
Lewis De Groff & Son, New York, N. Y. Canned, bottled, and preserved fruits and vegetables.....	54,891	July 31	123	1680
Lewis, Frank P., Peoria, Ill. Cigars.....	57,098	Nov. 6	125	341
Lewis Pharmacal Co., Baltimore, Md. Headache remedy.....	50,575	Mar. 20	121	1008
Lewy, Gustave, New York, N. Y. Whisky.....	58,024	Dec. 4	125	1693
Lexington Manufacturing Co., Baltimore, Md. Powder for cleaning and polishing.....	51,902	Apr. 24	121	2658
Libbey Glass Co., Toledo, Ohio. Cut-glass articles and electric-light globes.....	56,500	Oct. 2	124	1517
Libbey Glass Company, Toledo, Ohio. Cut-glass articles.....	54,172	June 19	122	2684
Libbey Glass Company, Toledo, Ohio. Lantern-globes.....	55,042	Aug. 7	123	1980
Libbey Glass Company, Toledo, Ohio. Lantern-globes.....	55,092	Aug. 7	123	1982
Liberty Mills, Nashville, Tenn. Wheat-flour.....	52,535	May 8	122	724
Liberty Mills, Nashville, Tenn. Wheat-flour.....	52,536	May 8	122	724
Liberty Mills, Nashville, Tenn. Wheat-flour.....	52,537	May 8	122	724
Liberty Mills, Nashville, Tenn. Wheat-flour.....	55,211	Aug. 7	123	1985
Liberty Mills, Nashville, Tenn. Wheat-flour.....	58,560	Dec. 18	125	2356
Liberty Mills, Nashville, Tenn. Wheat-flour.....	59,003	Dec. 25	125	2760
Liberty Silk Co., New York, N. Y. Dress-silks.....	49,438	Feb. 6	120	1815
Liberty Silk Company, New York, N. Y. Dress-silk.....	52,153	May 1	122	344
Liberty Stove Company, Philadelphia, Pa. Stoves and ranges.....	49,907	Feb. 20	120	2437
Lichtenstein, Max, Jerome, Ariz. Ter. Remedies for certain named diseases.....	51,939	Apr. 24	121	2659
Lichtenstein's Sons, L., Richmond, Va. Linen thread.....	53,252	May 29	122	1713
Lidgerwood Mill Company, Lidgerwood, N. D. Wheat-flour.....	55,694	Aug. 21	123	2613
Lieber, Albert, Indianapolis, Ind. Malt extracts and peptonized malt foods.....	48,501	Jan. 2	120	317
Lieberman, Samuel, Brooklyn, N. Y. Whisky.....	50,278	Mar. 6	121	333
Liebig Extract Company, New York, N. Y. Beef extracts and beef, iron, and wine.....	52,782	May 15	122	1040
Liebold & Co., Berlin, Germany. Cement for building purposes, gypsum, and lime.....	51,683	Apr. 24	121	2649
Lillard, Benj., New York, N. Y. Monthly trade journal.....	55,993	Aug. 7	123	1982
Lilly Coal Co., Altoona, Pa. Semibituminous coal used for welding and forging iron and steel.....	52,489	May 8	122	722
Lincoln Iron Works, Rutland, Vt. Certain named machines and parts thereof.....	56,561	Oct. 9	124	1837
Lincoln Paint & Color Co., Lincoln, Nebr. Paints, colors, enamels, and varnishes.....	57,891	Dec. 4	125	1689
Lindsay, Samuel W., Omaha, Nebr. Gold rings.....	50,980	Apr. 3	121	1664
Linker, William, Philadelphia, Pa. Gold and silver flat ware, hollow ware, and tableware.....	55,945	Aug. 21	123	2620
Linn & Son, Geo. W., Chicago, Ill. Butter.....	57,099	Nov. 6	125	341
Lion Bros. Co., Baltimore, Md. Silk embroideries.....	54,903	July 31	123	1680
Lion Bros. Co., Baltimore, Md. Kimonos and dressing-sacks.....	55,546	Aug. 14	123	2306
Lion Bros. Co., Baltimore, Md. Dress-skirts and underskirts.....	56,455	Sept. 25	124	1202
Lion Extract Co., Winoosboro, S. C. Flavoring extracts.....	51,327	Apr. 10	121	1973

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Lion Fence Co., Adrian, Mich. Wire fencing.....	52,039	May 1	122	340
Lipman, Albert, Cincinnati, Ohio. Whisky.....	52,577	May 15	122	1032
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. Candy.....	54,500	June 26	122	2998
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. Candy.....	56,156	Sept. 25	124	1202
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. Candy.....	56,457	Sept. 25	124	1202
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. Candy.....	56,458	Sept. 25	124	1202
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. Candy.....	57,597	Nov. 13	125	662
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. Candy.....	57,715	Nov. 27	125	1341
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Culinary utensils made of copper ware.....	52,809	May 15	122	1041
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Culinary utensils made of galvanized ware.....	52,914	May 22	122	1386
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Household articles made of enameled steel-ware.....	53,388	June 5	122	2047
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Cooking utensils made of tinware.....	53,404	June 5	122	2048
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Culinary articles made of tinware.....	53,756	June 12	122	2379
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Household articles made of copper ware.....	53,786	June 12	122	2380
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Household articles made of galvanized ware.....	53,809	June 12	122	2381
Lisk Manufacturing Co., Limited, Canandaigua, N. Y. Cooking utensils made of tinware.....	55,333	Aug. 14	123	2301
Lister & Company, Limited, Bradford, England, and New York, N. Y. Waterproofed silk pile fabrics.....	55,119	Aug. 7	123	1982
Lister & Company, Limited, Bradford, England, and New York, N. Y. Mohair pile fabrics.....	55,120	Aug. 7	123	1982
Listman Mill Company, La Crosse, Wis. Wheat-flour.....	49,529	Feb. 6	120	1819
Little, Calvin W., Montclair, N. J. Medals and badges.....	54,358	June 26	122	2992
Little & Company, A. E., Lynn, Mass. Boots and shoes of leather and of leather and cloth.....	50,329	Mar. 13	121	681
Little & Company, A. E., Lynn, Mass. Arch-supporters.....	57,463	Nov. 13	125	658
Littlefield & Steere Co., Knoxville, Tenn. Candy.....	55,390	Aug. 14	123	2302
Littleford, George, Cincinnati, Ohio. Hair-pins.....	54,715	June 26	122	3006
Livingston Seed Co., Columbus, Ohio. Garden, flower, and field seeds.....	50,530	Mar. 20	121	1006
Lloyd Brothers, Cincinnati, Ohio. Antiseptics.....	50,515	Mar. 20	121	1006
Lloyd Brothers, Cincinnati, Ohio. Escharotics.....	50,516	Mar. 20	121	1006
Lloyd Brothers, Cincinnati, Ohio. Pharmaceutical preparation.....	50,517	Mar. 20	121	1006
Lloyd Brothers, Cincinnati, Ohio. Pharmaceutical preparation.....	50,518	Mar. 20	121	1006
Lloyd Brothers, Cincinnati, Ohio. Antiseptics or germicides.....	50,519	Mar. 20	121	1006
Lloyd Brothers, Cincinnati, Ohio. Pharmaceutical preparation.....	52,178	May 1	122	345
Lloyd Brothers, Cincinnati, Ohio. Anodynes.....	52,490	May 8	122	722
Lloyd Brothers, Cincinnati, Ohio. Antiseptic dressing for sores, &c.....	56,644	Oct. 16	124	2171
Locke, Herbert E., Boston, Mass., and St. Louis, Mo. Cotton thread.....	57,413	Nov. 13	125	657
Locke Shoe Company, Wheeling, W. Va. Leather boots and shoes.....	56,501	Oct. 2	124	1517
Lodge & Shipley Machine Tool Co., Cincinnati, Ohio. Metal-turning lathes.....	49,595	Feb. 13	120	2116
Lodge and Shipley Machine Tool Company, Cincinnati, Ohio. Book of directions for technical instructions.....	52,302	May 8	122	714
Lodor, Napoleon, Richmond, Va. Headache remedies.....	56,764	Oct. 16	124	2174
Lodor, Napoleon, Richmond, Va. Headache remedies.....	56,765	Oct. 16	124	2174
Loeb, Adolph, Cincinnati, Ohio. Whisky.....	49,716	Feb. 13	120	2121
Loeb, Adolph, Cincinnati, Ohio. Whisky.....	53,888	June 12	122	2384
Loeb Bloom & Co., Paducah, Ky. Whisky.....	48,825	Jan. 16	120	893
Loeb, Bloom & Co., Paducah, Ky. Whisky.....	57,061	Oct. 30	124	2898
Loeb Bloom & Co., Paducah, Ky. Whisky.....	57,716	Nov. 27	125	1341
Loeb & Co., Wm., Providence, R. I. Finger-rings.....	50,009	Feb. 27	120	2748
Loeser & Co., Frederick, Brooklyn, N. Y. Leather shoes.....	55,311	Aug. 14	123	2300
Loeser & Co., Frederick, Brooklyn, N. Y. Certain named textiles.....	56,766	Oct. 16	124	2174
Loeser & Co., Frederick, New York, N. Y. Antiseptic mouth-wash.....	58,106	Dec. 4	125	1695
Loewé & Co., London, England. Wooden tobacco-pipes.....	57,789	Nov. 27	125	1343
Loewy, Joseph, New York, N. Y. Dress-shirts.....	56,102	Aug. 21	123	2624
Logan, Millie B., Rochester, N. Y. Gold, silver, and plated spoons.....	50,938	Apr. 3	121	1662
London Needle Company, New York, N. Y. Self-threading needles.....	52,104	May 1	122	343
Londonderry Lithia Spring Water Company, Nashua, N. H. Lithia spring-water.....	52,334	May 8	122	716
Lone Star Brewing Co., San Antonio, Tex. Beer.....	57,028	Oct. 30	124	2897
Long, Newton W., Duquesne, Pa. Certain named medicines.....	57,874	Nov. 27	125	1345
Longmont Farmers Milling & Elevator Co., Longmont, Colo. Wheat-flour.....	57,598	Nov. 13	125	662
Lonke, John, New York, N. Y. Woollen dress goods.....	51,588	Apr. 17	121	2319
Lonke, John, New York, N. Y. Bolted woollen dress goods.....	54,556	June 26	122	3000
Lonke, John, New York, N. Y. Certain named textile fabrics.....	58,561	Dec. 18	125	2356
Loomis, George D., Tiffin, Ohio. Well-drilling machines.....	56,728	Oct. 16	124	2173
Loonen, Charles, Paris, France. Tooth-brushes.....	50,470	Mar. 20	121	1004
Loonen, Charles, Paris, France. Tooth-brushes.....	53,271	May 29	122	1714
Loos & Dilworth, Philadelphia, Pa. Liquid turpentine substitutes.....	57,892	Dec. 4	125	1689
Loos & Dilworth, Philadelphia, Pa. Preparation of mica for printing on wall-paper.....	57,910	Dec. 4	125	1690
Lopez y Cia., Havana, Cuba. Cigars.....	51,699	Apr. 24	121	2650
Lopez y Cia., Havana, Cuba. Cigars.....	51,700	Apr. 24	121	2650
Loray Mills, Gastonia, N. C. Sheetings and drills.....	51,271	Apr. 10	121	1970
Lord & Nagle Company, Boston, Mass. Trade-journal periodical or magazine.....	49,828	Feb. 20	120	2434
Lord & Taylor, New York, N. Y. Hosiery.....	51,800	Apr. 24	121	2654
Lord & Taylor, New York, N. Y. Hosiery.....	51,801	Apr. 24	121	2654
Lord & Taylor, New York, N. Y. Hosiery.....	55,131	Aug. 7	123	1983
Lorillard Refrigerator Co., New York, N. Y. Refrigerators.....	52,074	May 1	122	341
Lorillard Refrigerator Co., New York, N. Y. Refrigerators.....	52,429	May 8	122	720
Los Angeles Olive Growers' Ass'n, Los Angeles, Cal. Olives and pickled olives.....	49,663	Feb. 13	120	2119
Los Angeles Olive Growers Association, Los Angeles, Cal. Olive-oil.....	51,298	Apr. 10	121	1971
Lothrop, Lee & Shepard Company, Boston, Mass. Books of fiction.....	51,744	Apr. 24	121	2652
Lott, William R., Navasota, Tex. Salves.....	58,409	Dec. 11	125	2043
Louderbough, Harry, Jersey City, N. J. Marine paint.....	51,423	Apr. 17	121	2313
Louderbough, Harry, Jersey City, N. J. Marine paint.....	54,432	June 26	122	2995
Louderbough, Harry, Jersey City, N. J. Marine paint.....	54,433	June 26	122	2995
Louis Bergdoll Brewing Company, Philadelphia, Pa. Lager-beer.....	48,732	Jan. 9	120	651
Louis Lipp Co., Mill Creek township, Ohio. Enamel metallic bath-tubs.....	57,464	Nov. 13	125	658
Louisiana Molasses Co. Ltd., New Orleans, La. Roasted coffee.....	57,599	Nov. 13	125	262
Low Moor Company, Limited, Low Moor, near Bradford, England. Rivets.....	51,189	Apr. 10	121	1967
Low Moor Company, Limited, Low Moor, near Bradford, England. Iron bars, rods, sheets, plates, hoopings, and tires.....	51,242	Apr. 10	121	1969
Lowe Bros. Co., Dayton, Ohio. Certain named paints and painters' materials.....	58,562	Dec. 18	125	2356
Lowe Brothers Company, Dayton, Ohio. Liquid and paste paints.....	56,989	Oct. 30	124	2896
Lowe Brothers Company, Dayton, Ohio. Paints ground in water, oil, varnishes, and japan.....	57,893	Dec. 4	125	1689
Lowell Weaving Company, Lowell and Boston, Mass. Cotton duck.....	51,589	Apr. 17	121	2319
Lowell Weaving Company, Lowell and Boston, Mass. Cotton duck.....	51,590	Apr. 17	121	2319
Lowenstein & Co., Atlanta, Ga. Carbonated ginger-ale.....	50,683	Mar. 27	121	1339
Lowenthal & Brother, Max, Rochester, N. Y. Double-breasted buttonless infants' vests.....	48,482	Jan. 2	120	316

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Lowenthal, Milton S., Niagara Falls, N. Y. Whisky.....	54,716	June 26	122	3006
Lowenthal, William, Cohoes, N. Y. Cotton-batting.....	52,727	May 15	122	1038
Lowenthal, William, Cohoes, N. Y. Cotton-batting.....	52,915	May 22	122	1886
Lowerre, Francis G., New York, N. Y., and Denver, Colo. Journal or periodical.....	57,942	Dec. 4	125	1690
Lubelsky & Son, Moses, New York, N. Y. White lead.....	53,728	June 12	122	2378
Lucas & Co., John, Philadelphia, Pa. Paint or coloring material.....	58,240	Dec. 11	125	2039
Lucas & Co., John, Philadelphia, Pa. Paint and varnish removers.....	58,241	Dec. 11	125	2039
Lucas & Co., John, Philadelphia, Pa. Enamel-paints.....	58,242	Dec. 11	125	2039
Luckenbach, D. and A., Bethlehem, Pa. Wheat-flour.....	55,182	Aug. 7	123	1984
Ludlow Manfg. Associates, Boston, Mass. Jute bagging.....	48,995	Jan. 16	120	899
Ludlow Manfg. Associates, Boston, Mass. Jute bagging.....	49,000	Jan. 16	120	899
Ludlow Valve Manufacturing Company, Troy, N. Y. Valves, hydrants, and valve-indicators.....	49,457	Feb. 6	120	1816
Ludowici Roofing Tile Company, Chicago and Chicago Heights, Ill., and Ludowici, Ga. Roofing-tiles made of clay.....	55,132	Aug. 7	123	1983
Lueders & Co., George, New York, N. Y.; Chicago, Ill., and San Francisco, Cal. Vanillin and cumarin.....	52,783	May 15	122	1040
Lueders & Co., George, New York, N. Y.; Chicago, Ill., and San Francisco, Cal. Olive-oil and salad-oil for table use and cooking.....	52,810	May 15	122	1041
Lufkin Rule Co., Saginaw, Mich. Measuring-tapes.....	54,338	June 26	122	2991
Lulu Manufacturing Company, Waterloo, Iowa. Scouring-powder.....	57,894	Dec. 4	125	1689
Lumen Bearing Company, Buffalo, N. Y. Non-ferrous alloys.....	49,950	Feb. 27	120	2745
Lundin & Lundin, Litchfield, Minn. Heave cure.....	54,994	Aug. 7	123	1979
Luneschloss, Alexander, New York, N. Y. Champagne.....	56,645	Oct. 16	124	2171
Lung Germine Co., Jackson, Mich. Medicine for certain named diseases.....	56,245	Sept. 4	124	314
Lung Germine Co., Jackson, Mich. Medicine for certain named diseases.....	56,246	Sept. 4	124	314
Lung Germine Co., Jackson, Mich. Medicine for certain named diseases.....	56,247	Sept. 4	124	314
Lunkenheimer Company, Cincinnati, Ohio. Grease-cups.....	49,887	Feb. 20	120	2436
Lunkenheimer Company, Cincinnati, Ohio. Grease-cups.....	50,453	Mar. 20	121	1003
Lunkenheimer Company, Cincinnati, Ohio. Oil-cups.....	50,595	Mar. 27	121	1335
Lunkenheimer Company, Cincinnati, Ohio. Grease-cups.....	52,335	May 8	122	716
Lunkenheimer Company, Cincinnati, Ohio. Blow-off valves.....	52,336	May 8	122	716
Lustig Bros., New York, N. Y. Panama hats.....	51,970	May 1	122	337
Lustig Bros., New York, N. Y. Hats.....	53,253	May 29	122	1713
Lüthi & Buhtz, assignors to Bauer & Cie., Berlin, Germany. Medicaments for internal use to heal and prevent infectious diseases.....	58,683	Dec. 25	125	2751
Luyties Brothers, New York, N. Y. Ginger-ale.....	49,158	Jan. 23	120	1160
Luyties Brothers, New York, N. Y. Sherry.....	51,213	Apr. 10	121	1968
Luyties Brothers, New York, N. Y. Gin.....	53,924	June 12	122	2385
Luyties Brothers, New York, N. Y. Whisky.....	55,695	Aug. 21	123	2613
Luyties, F. August, St. Louis, Mo. Tonics.....	49,588	Feb. 13	120	2116
Luyties, Frederick A., St. Louis, Mo. Laxative medicines.....	56,248	Sept. 4	124	314
Luze & Fils, A. de, Bordeaux, France. Wines of all kinds.....	54,082	June 19	122	2680
Lydia E. Pinkham Medicine Company, Lynn, Mass. Pills for the treatment of the liver.....	58,761	Dec. 25	125	2753
Lynchburg Shoe Co., Lynchburg, Va. Leather boots and shoes.....	49,793	Feb. 20	120	2433
Lynchburg Shoe Co., Lynchburg, Va. Leather boots and shoes.....	50,133	Mar. 6	121	328
Lynchburg Shoe Co., Lynchburg, Va. Leather boots and shoes.....	53,389	June 5	122	2047
Lynchburg Shoe Co., Lynchburg, Va. Leather boots and shoes.....	54,285	June 26	122	2989
Lyon, A. Maynard, New York, N. Y. Chewing-gum.....	53,320	May 29	122	1716
Lyon & Healy, Chicago, Ill. Guitars and mandolins.....	48,483	Jan. 2	120	316
Lyon & Healy, Chicago, Ill. Guitars and mandolins.....	49,385	Feb. 6	120	1813
Lyon & Healy, Chicago, Ill. Guitars and mandolins.....	50,591	Mar. 27	121	1335
Lyon & Healy, Chicago, Ill. Strings for violins and guitars.....	50,981	Apr. 3	121	1664
Lyon & Healy, Chicago, Ill. Pianos.....	51,190	Apr. 10	121	1967
Lyon & Healy, Chicago, Ill. Strings for violins.....	51,299	Apr. 10	121	1971
Lyon & Healy, Chicago, Ill. Self-playing pianos without keyboards.....	51,370	Apr. 17	121	2311
Lyon & Healy, Chicago, Ill. Strings for violins.....	51,371	Apr. 17	121	2311
Lyon & Healy, Chicago, Ill. Guitars and mandolins.....	51,372	Apr. 17	121	2311
Lyon & Healy, Chicago, Ill. Banjos.....	51,373	Apr. 17	121	2311
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	51,374	Apr. 17	121	2311
Lyon & Healy, Chicago, Ill. Drums.....	51,729	Apr. 24	121	2651
Lyon & Healy, Chicago, Ill. Musical boxes and tune-disks.....	53,146	May 29	122	1709
Lyon & Healy, Chicago, Ill. Guitars and mandolins.....	53,147	May 29	122	1709
Lyon & Healy, Chicago, Ill. Guitars and mandolins.....	53,148	May 29	122	1709
Lyon & Healy, Chicago, Ill. Concertinas and accordions.....	53,180	May 29	122	1710
Lyon & Healy, Chicago, Ill. Certain named musical instruments.....	53,390	June 5	122	2047
Lyon & Healy, Chicago, Ill. Supplies for musical instruments.....	54,359	June 26	122	2992
Lyon & Healy, Chicago, Ill. Guitars and zithers.....	54,518	June 26	122	2999
Lyon & Healy, Chicago, Ill. Supply-packages for musical instruments.....	54,519	June 26	122	2999
Lyon & Healy, Chicago, Ill. Pianos and self-playing pianos and parts thereof.....	57,078	Oct. 30	124	2898
Lyon & Healy, Chicago, Ill. Certain named musical instruments.....	57,100	Nov. 6	125	341
Lyon & Healy, Chicago, Ill. Strings for banjos.....	57,101	Nov. 6	125	341
Lyon & Healy, Chicago, Ill. Strings for violins.....	57,102	Nov. 6	125	341
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	57,370	Nov. 13	125	656
Lyon & Healy, Chicago, Ill. Strings for stringed instruments.....	57,623	Nov. 20	125	987
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	57,810	Nov. 27	125	1343
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	57,811	Nov. 27	125	1343
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	57,970	Dec. 4	125	1691
Lyon & Healy, Chicago, Ill. Pianos.....	58,650	Dec. 18	125	2358
Lyons Ink, Limited, Manchester, England. Liquid glue, gum, and mucilage.....	52,981	May 22	122	1389
M. Gans Company, Pine Bluff, Ark. Whisky.....	58,064	Dec. 4	125	1694
M. Shaughnessy Distilling Company, St. Louis, Mo. Whisky.....	49,017	Jan. 23	120	1155
M. Steinert & Sons Co., Boston, Mass. Pianos.....	54,639	June 26	122	3003
M. Wile & Company, Buffalo, N. Y. Coats, vests, trousers, and overcoats.....	52,959	May 22	122	1388
M. A. Gedney Pickling Co., Minneapolis, Minn. Vinegar.....	55,826	Aug. 21	123	2617
M. A. Gedney Pickling Co., Minneapolis, Minn. Certain named relishes.....	56,829	Oct. 23	124	2527
M. A. Gedney Pickling Co., Minneapolis, Minn. Certain named relishes.....	56,849	Oct. 23	124	2528
M. A. Gedney Pickling Co., Minneapolis, Minn. Certain named relishes.....	57,000	Oct. 30	124	2896
M. A. Packard Company, Brockton, Mass. Boots and shoes made of leather.....	50,551	Mar. 20	121	1007
M. C. Rosenfeld Co., Boston, Mass. Bottle-washing machines.....	54,876	July 31	123	1660
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.....	54,111	June 19	122	2681
M. D. Wells Co., Chicago, Ill. Rubber boots, shoes, and overshoes.....	54,833	July 31	123	1658
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.....	55,351	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.....	55,352	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.....	55,353	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.....	55,354	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.....	55,355	Aug. 14	123	2301

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,356	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,357	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,358	Aug. 14	123	2301
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,391	Aug. 14	123	2302
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,392	Aug. 14	123	2302
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,393	Aug. 14	123	2302
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,429	Aug. 14	123	2303
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,484	Aug. 14	123	2305
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	55,946	Aug. 21	123	2620
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	56,767	Oct. 16	124	2174
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	56,768	Oct. 16	124	2174
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	56,769	Oct. 16	124	2174
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	56,770	Oct. 16	124	2174
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	56,771	Oct. 16	124	2174
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	56,772	Oct. 16	124	2174
M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	57,834	Nov. 27	125	1344
M. H. Alexander Co., Cincinnati, Ohio Syrups, molasses, and sorghum.	48,671	Jan. 9	120	649
M.I.S.T. Co., Toledo, Ohio. Medicines for purifying the blood.	50,798	Mar. 27	121	1344
M.I.S.T. Co., Toledo, Ohio. Medicines for purifying the blood.	50,799	Mar. 27	121	1344
M. K. Goetz Brewing Co., St. Joseph, Mo. Malt extracts.	52,758	May 15	122	1039
M. K. Goetz Brewing Co., St. Joseph, Mo. Malt extracts.	53,405	June 5	122	2048
M. L. Getchell Company, Monmouth, Mo. Moccasins.	56,071	Aug. 21	123	2623
M. N. Arnold Co., North Abington and Boston, Mass. Leather boots and shoes.	49,530	Feb. 6	120	1819
M. T. Richardson Company, New York, N. Y. Trade journal.	50,010	Feb. 27	120	2748
MacCutcheon, George W., New York, N. Y. Linen damasks.	58,243	Dec. 11	125	2039
MacKenzie, Robert H. M., Pittsburg, Pa. Remedies for diseases of the genital-urinary organs.	58,065	Dec. 4	125	1694
MacLaren Imperial Cheese Company. (See A. F. MacLaren Imperial Cheese Co., assignor.)				
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	48,502	Jan. 2	120	317
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	48,586	Jan. 2	120	320
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	50,330	Mar. 13	121	681
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	53,518	June 5	122	2053
Macbeth-Evans Glass Company, Pittsburg, Pa. Cartons for lamp chimneys and globes.	54,834	July 31	123	1658
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	51,802	Apr. 24	121	2654
Macben & Hudson, C., Liverpool, England. Ale and stout.	49,571	Feb. 13	120	2115
Mackenzie, Cora T., Baltimore, Md. External remedy.	52,784	May 15	122	1040
Mackrell, Susanna W., Asbury Park, N. J. Remedy for the cure of St. Vitus' dance or chorea.	51,083	Apr. 3	121	1668
Macleod, Warren M., Philadelphia, Pa. Medical tablet.	53,553	June 5	122	2054
Macomber & Whyte Rope Company, Chicago, Ill. Wire rope.	58,983	Dec. 25	125	2759
Macomber & Whyte Rope Company, Chicago, Ill. Wire rope.	54,501	June 26	122	2998
Madden, William J., New York, N. Y. Candied popcorn.	54,852	July 31	123	1659
Maddox, William J., Jamestown, N. Y. Tables.	49,717	Feb. 13	120	2121
Magee Furnace Co., Boston, Mass. Stoves, ranges, furnaces, heaters, and parts thereof.	53,049	May 22	122	1391
Magic Curler Company, Philadelphia, Pa. Hair-curlers.	57,198	Nov. 6	125	344
Magic Keller Soap Works Limited, New Orleans, La. Laundry soap.	49,387	Feb. 6	120	1813
Magic Soap Co., Ltd., New Orleans, La. Laundry soap.	49,388	Feb. 6	120	1813
Magne-Silica Company, Los Angeles, Cal. Fireproof insulation for floors and walls.	55,930	Aug. 21	123	2620
Magnet Wire Company, New York, N. Y. Magnet-wire for trolley use.	53,636	June 5	122	2058
Magnolia Metal Company, New York, N. Y. Antifriction metals or alloys.	53,519	June 5	122	2053
Magnolia Metal Company, New York, N. Y. Antifriction metals or alloys.	53,520	June 5	122	2053
Magnolia Metal Company, New York, N. Y. Antifriction metals or alloys.	54,717	June 26	122	3007
Magnus & Co., Jos. A., Cincinnati, Ohio. Whisky.	50,279	Mar. 6	121	333
Magnus & Co., Jos. A., Cincinnati, Ohio. Whisky.	53,050	May 22	122	1392
Mahan Supply Co., Wichita, Kans. Whisky.	51,591	Apr. 17	121	2319
Mahn, Godfrey S., New York, N. Y. Cigars, cigarettes, and smoking-tobacco.	58,446	Dec. 18	125	2353
Mahn, Godfrey S., New York, N. Y. Cigars, cigarettes, and smoking-tobacco.	58,447	Dec. 18	125	2353
Mahoney, J. & E., Portsmouth, Va. Whisky.	48,550	Jan. 2	120	319
Mahoney, J. & E., Portsmouth, Va. Whisky.	50,179	Mar. 6	121	329
Mahoney, J. & E., Portsmouth, Va. Whisky.	54,449	June 26	122	2996
Mahoney, J. & E., Portsmouth, Va. Whisky.	58,033	Dec. 4	125	1693
Maillard, Henry, New York, N. Y. Bonbons, chocolates, and sweet chocolate.	57,166	Nov. 6	125	343
Maillard, Henry, New York, N. Y. Chocolates, sweet chocolate, and candy.	58,133	Dec. 4	125	1695
Main Belting Co., Philadelphia, Pa. Machine-belting.	51,471	Apr. 17	121	2315
Maine Manufacturing Co., Nashua, N. H. Refrigerators.	57,911	Dec. 4	125	1690
Maire, August E., Minneapolis, Minn. Roof-preserving paint.	55,043	Aug. 7	123	1980
Makin, Charles, New London, Conn. Loaf-bread.	58,595	Dec. 18	125	2357
Malarine Medical Company, Providence, R. I. Medicine for fever.	53,554	June 5	122	2054
Malcomson, Alexander Y., Detroit, Mich. Coal.	54,640	June 26	122	3003
Maline Mills Company, Salem, N. C. Covers for corsets, ladies' pants and vests.	50,998	Apr. 3	121	1665
Mallard Distilling Co., New York, N. Y. Whisky.	58,260	Dec. 11	125	2039
Malleable Iron Fittings Company, Branford, Conn. Metal pipe-fittings.	51,529	Apr. 17	121	2317
Malone Manufacturing Company, Malone, N. Y. Men's and boys' pants.	51,530	Apr. 17	121	2317
Maltine Company, Brooklyn, N. Y. Medical preparations.	48,761	Jan. 9	120	652
Manabran Laxative Biscuit Company, Chicago, Ill. Biscuits.	58,107	Dec. 4	125	1695
Manacea Water Company, Northport and New York, N. Y. Mineral water.	56,874	Oct. 23	124	2528
Manahan, Thomas, New York, N. Y. Mothproof bags.	48,712	Jan. 9	120	650
Manas y Britapaja, Carolina Vda de Reveron, Ponce, Porto Rico. Remedy for anemia.	57,564	Nov. 13	125	661
Manchester Furniture Co. (Inc.), Manchester, Va. Washboards.	55,094	Aug. 7	123	1982
Manchester Furniture Co. Inc., Manchester, Va. Washboards.	55,571	Aug. 14	123	2307
Mandis, Anthony K., Washington, D. C. Remedy for epilepsy.	50,241	Mar. 6	121	332
Mandis, Anthony K., Washington, D. C. Medicine for epilepsy.	54,286	June 26	122	2989
Manhattan Color Works, New York, N. Y. Calcimine.	56,353	Sept. 18	124	901
Manhattan Color Works, New York, N. Y. Cold-water paints and calcimines.	56,354	Sept. 18	124	901
Manhattan Screw & Stamping Works, New York, N. Y. Inverted gas-lamps and the parts thereof.	56,017	Aug. 21	123	2622
Manheimer & Bros., Louis, Chicago, Ill. Watch-movements.	54,083	June 19	122	2680
Manheimer & Bros., Louis, Chicago, Ill. Watch-movements and watchcases.	51,835	July 31	123	1658
Manheimer & Bros., Louis, Chicago, Ill. Watch-movements and watchcases.	58,025	Dec. 4	125	1693
Manifest Shirt Co., Philadelphia, Pa. Dress and negligée shirts.	49,801	Feb. 20	120	2433
Manifest Shirt Co., Philadelphia, Pa. Dress and negligée shirts.	49,839	Feb. 20	120	2435
Manitou Mineral Springs Company, Manitou, Colo. Natural mineral water.	49,171	Jan. 23	120	1161
Manitou Mineral Springs Company, Manitou, Colo. Ginger-champagne.	53,662	June 12	122	2375
Manitou Mineral Springs Company, Manitou, Colo. Effervescent or carbonated mineral water.	53,663	June 12	122	2375
Manitou Mineral Springs Company, Manitou, Colo. Ginger-champagne.	53,664	June 12	122	2375
Manitou Mineral Springs Company, Manitou, Colo. Mineral and table water.	56,591	Oct. 9	124	1338
Manitou Mineral Springs Company, Manitou, Colo. Beverage made from ginger.	56,592	Oct. 9	124	1338
Mankin, James T., Mangum, Okla. Ter. Remedy for certain named diseases.	55,900	Aug. 21	123	2619
Manning, Joseph A., Boston, Mass. Leather and cloth shoes.	53,376	June 5	122	2047

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Manogue-Pidgeon Iron Company, Memphis, Tenn. Tin-plate.....	56,616	Oct. 9	124	1838
Maness Shoe Manufacturing Company, Cincinnati, Ohio. Leather boots and shoes.....	51,061	Apr. 3	121	1667
Manufacture Française D'Oeillets Métalliques (ancienne Maison G. Bac), Paris, France. Eyelets for shoes.....	52,811	May 15	122	1041
Manufacture Française D'Oeillets Métalliques (ancienne Maison G. Bac), Paris, France. Eyelets for shoes.....	57,042	Oct. 30	124	2897
Manufacturers' Record Publishing Company, Baltimore, Md. Newspaper.....	50,331	Mar. 13	121	681
Manufacturers' Record Publishing Company, Baltimore, Md. Newspapers.....	54,853	July 31	123	1659
Manufacturers' Record Publishing Company, Baltimore, Md. Weekly magazine.....	55,901	Aug. 21	123	2619
Manufacturing Company of America, Philadelphia, Pa. Mint candy.....	52,075	May 1	122	341
Manufacturing Company of America, Philadelphia, Pa. Candy.....	53,555	June 5	122	2054
Manufacturing Company of America, Philadelphia, Pa. Candy.....	57,717	Nov. 27	125	1341
Manufacturing Company of America, Philadelphia, Pa. Candy.....	58,150	Dec. 4	125	1696
Many, Blanc & Co., Chicago, Ill. Whisky.....	48,587	Jan. 2	120	320
Many, Blanc & Co., Chicago, Ill. Whisky.....	49,952	Feb. 27	120	2746
Many, Blanc & Co., Chicago, Ill. Whisky.....	58,348	Dec. 11	125	2042
Maple City Soap Works, Monmouth, Ill. Laundry soap.....	49,344	Jan. 30	120	1473
Maple City Soap Works, Monmouth, Ill. Laundry soap.....	49,345	Jan. 30	120	1473
Maple City Soap Works, Monmouth, Ill. Toilet and laundry soap.....	50,684	Mar. 27	121	1339
Maple City Soap Works, Monmouth, Ill. Soap.....	50,856	Apr. 3	121	1659
Mapleton Milling Company, Mapleton, Minn. Wheat-flour.....	49,531	Feb. 6	120	1819
Mapleton Milling Company, Mapleton, Minn. Wheat-flour.....	57,679	Nov. 27	125	1340
Marbleoid Company, New Durham township, Bergen county, N. J. Artificial marble.....	55,485	Aug. 14	123	2305
Marchand, Charles, New York, N. Y. Powdered dry beef.....	57,149	Nov. 6	125	342
Marchand and Sons, M., Buffalo, N. Y. Leather shoes.....	57,465	Nov. 13	125	658
Marchesini Bros., New York, N. Y. Olive-oil.....	49,076	Jan. 23	120	1157
Marcus Bros., New York, N. Y. Tafteta silk, crêpe de chine, mousseline silk, and peau de soie.....	53,556	June 5	122	2054
Marcus, Julius, New York, N. Y. Gluten feed and dried distillery-slops.....	56,850	Oct. 23	124	2528
Margolish, Matthew L., New York, N. Y. Hose-supporters.....	57,943	Dec. 4	125	1690
Mariani & Co., New York, N. Y. Cordials.....	50,939	Apr. 3	121	1662
Mariani & Co., New York, N. Y. Tonics and medicated wines.....	53,084	May 22	122	1393
Mariani & Co., New York, N. Y. Round glass bottles.....	55,394	Aug. 14	123	2302
Mariani & Co., New York, N. Y. Glass bottles.....	55,395	Aug. 14	123	2302
Mariani & Co., New York, N. Y. Pills, powders, lozenges, tablets, and dragees.....	55,611	Aug. 21	123	2611
Maribel Mineral Springs Company, Cooperstown, Wis. Mineral water.....	55,612	Aug. 21	123	2611
Marietta Knitting Co., Marietta, Ga. Hosiery.....	50,982	Apr. 3	121	1664
Marietta Paint & Color Co., Marietta, Ohio. Certain named painters' materials.....	50,895	Dec. 4	125	1689
Marietta Paint & Color Co., Marietta, Ohio. Certain named painters' materials.....	57,896	Dec. 4	125	1689
Marine Engineering, Inc., New York, N. Y. Magazine.....	57,912	Dec. 4	125	1690
Marine Paint Corporation, Norfolk, Va. Mixed paint.....	53,490	June 5	122	2052
Marine Paint Corporation, Norfolk, Va. Mixed paint.....	55,507	Aug. 14	123	2305
Marino, Charles G., Coney Island, N. Y. Medicines for venereal diseases.....	50,749	Mar. 27	121	1342
Marion Iron & Brass Bed Co., Marion, Ind. Metal bedsteads.....	49,126	Jan. 23	120	1159
Marks, A. A., New York, N. Y. Artificial legs, arms, feet, and hands.....	54,941	Aug. 7	123	1977
Marks, Martin D., Elmira, N. Y. Pianos and organs.....	58,725	Dec. 25	125	2752
Marks Rothenberg & Co., Meridian, Miss. Leather boots and shoes.....	49,772	Feb. 13	120	2123
Marlin Fire Arms Company, New Haven, Conn. Shotguns, rifles, revolvers, and parts thereof.....	55,158	Aug. 7	123	1983
Marlin Fire Arms Company, New Haven, Conn. Shotguns, rifles, and pistols.....	56,280	Sept. 4	124	315
Marryatt, Edward B., Brooklyn, N. Y. Pianos.....	58,368	Dec. 11	125	2042
Marshner, Alfred, Omaha, Nebr. Chewing-tobacco in cigar form.....	50,857	Apr. 3	121	1659
Marsh Brothers Co., Sheffield, England. Steel, unwrought and partly wrought, and wire made of steel.....	57,428	Nov. 13	125	657
Marsh Oil Company, Kansas City, Mo. Castor-oil.....	56,459	Sept. 25	124	1202
Marsh & Riley, Pine Bluff, Ark. Wheat-flour.....	53,440	June 5	122	2050
Marsh, William A., Columbus, Ohio. Periodical.....	49,972	Feb. 27	120	2746
Marshall Chem. Co., New York, N. Y. Cleaning and polishing preparations.....	57,897	Dec. 4	125	1689
Marshall Chemical Company, Marshall, Va. Cleaning and polishing soap.....	54,413	June 26	122	2094
Marshall Chemical Company, New York, N. Y. Polishing preparations for metals.....	57,222	Nov. 6	125	344
Marshall Chemical Company, New York, N. Y. Cleaning and polishing preparation.....	57,245	Nov. 6	125	345
Marshall Chemical Company, New York, N. Y. Polishing preparations for metals.....	57,246	Nov. 6	125	345
Marshall Chemical Company, New York, N. Y. Polishing preparations for metals.....	57,247	Nov. 6	125	345
Marshall Chemical Company, New York, N. Y. Polishing preparations for metals.....	57,248	Nov. 6	125	345
Marshall Chemical Company, New York, N. Y. Polishing preparations for metals.....	57,249	Nov. 6	125	345
Marshall Field & Company, Chicago, Ill. Corsets.....	50,049	Feb. 27	120	2749
Marshall Field & Company, Chicago, Ill. Quilts.....	51,592	Apr. 17	121	2319
Marshall Field & Company, Chicago, Ill. Quilts.....	54,557	June 26	122	3000
Marshall Field & Company, Chicago, Ill. Hosiery.....	54,641	June 26	122	3003
Marshall Field & Company, Chicago, Ill. Knitted underwear and hosiery.....	54,674	June 26	122	3005
Marshall Field & Company, Chicago, Ill. Hosiery.....	57,118	Nov. 6	125	342
Marshall Field & Company, Chicago, Ill. Hosiery.....	57,119	Nov. 6	125	342
Marshall Field & Company, Chicago, Ill. Hosiery.....	57,812	Nov. 27	125	1343
Marshall Oil Company, Marshalltown, Iowa. Illuminating-oil.....	57,250	Nov. 6	125	345
Marshall, Thomas P., Macon, Ga. Remedy for bowel complaint.....	55,762	Aug. 21	123	2615
Marshuetz & Co., A. G., New York, N. Y. Whisky.....	53,889	June 12	122	2384
Martha Washington Scouring Compound Co., Martinsburg, W. Va. Scouring compound.....	58,799	Dec. 25	125	2754
Martin & Bro., G. W., New York, N. Y. Eggs.....	53,441	June 5	122	2050
Martin & Bro., G. W., New York, N. Y. Butter.....	55,159	Aug. 7	123	1983
Martin, Frédéric, Columbus, Ohio. Washboards.....	58,953	Dec. 25	125	2758
Martin L. Cohn Co., New York, N. Y. Dress goods and linings.....	51,034	Apr. 3	121	1666
Martin & McAndrews, Baltimore, Md. Whisky.....	50,653	Mar. 27	121	1338
Martin, Robert C., Albemarle, La. Sugar and molasses.....	54,379	June 26	122	2993
Martin, Wm. L., New York, N. Y. Tooth-brushes.....	58,284	Dec. 11	125	2040
Martindale & Co., Thomas, Philadelphia, Pa. Champagne.....	51,214	Apr. 10	121	1968
Martindale & Co., Thomas, Philadelphia, Pa. Olive-oil.....	54,622	June 26	122	3002
Martinez, Mary B., New York, N. Y. Ribbon, ribbon-bows, and galloon-bindings.....	50,381	Mar. 13	121	683
Martinez & Bros., W. J., New Orleans, La. Leather boots and shoes.....	56,562	Oct. 9	124	1837
Martinoni, Emil, San Francisco, Cal. Whisky.....	58,026	Dec. 4	125	1693
Marx & Haas Clothing Co., St. Louis, Mo. Overcoats, coats, vests, and trousers.....	49,287	Jan. 30	120	1471
Maryland Distilling Co., Chicago, Ill. Whisky.....	50,180	Mar. 6	121	329
Maryland Distilling Co., Chicago, Ill. Whisky.....	53,890	June 12	122	2384
Maryland Distilling Co., Baltimore, Md. Whisky.....	52,728	May 15	122	1038
Mason, Albert G., Cleveland, Ohio. Sewing-machines.....	48,551	Jan. 2	120	319
Mason, Albert G., Cleveland, Ohio. Sewing-machines.....	51,531	Apr. 17	121	2317
Mason, Albert G., Cleveland, Ohio. Sewing-machines.....	52,076	May 1	122	341
Mason, Albert G., Cleveland, Ohio. Sewing-machines, covers, stands, tables, and attachments.....	56,289	Sept. 4	124	315
Mason, Frédéric S., New York, N. Y. Liniment.....	57,865	Nov. 27	125	1345

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Vol.	Official Gazette, Page.
Mason, Frédéric S., New York, N. Y. Remedy for rheumatism and gout.	58,800	Dec. 25	125	2754
Mason, Frédéric S., New York, N. Y. Remedy for rheumatism and gout.	58,801	Dec. 25	125	2754
Mason & Hamlin Co., Cambridge, Mass. Pianos.	51,446	Apr. 17	121	2314
Mason Regulator Co., Boston, Mass. Steam-regulating devices, steam-pumps, and steam-engines.	58,494	Dec. 18	125	2354
Maspero Freres, Limited, London, England. Cigarettes, cigars, smoking and chewing tobacco.	56,337	Sept. 11	124	620
Maspero Freres, Limited, London, England, and Cairo, Egypt. Cigarettes.	58,495	Dec. 18	125	2354
Massachusetts Association for Promoting the Interests of the Adult Blind, Boston, Mass. Mops, mop-heads, and mop parts.	55,857	Aug. 21	123	2618
Massachusetts Chemical Company, Boston, Mass. Rubber heels and soles.	49,159	Jan. 23	120	1160
Massachusetts Chemical Company, Walpole, Mass. Insulating-tape.	49,439	Feb. 6	120	1815
Massachusetts Chemical Company, Walpole, Mass. Insulating-tape.	52,857	May 22	122	1384
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	48,484	Jan. 2	120	316
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	48,503	Jan. 2	120	317
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	48,639	Jan. 9	120	648
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,077	Jan. 23	120	1157
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,211	Jan. 30	120	1468
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,212	Jan. 30	120	1468
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,288	Jan. 30	120	1471
Massachusetts Cotton Mills, Lowell, Mass. Drillings and sheetings.	49,440	Feb. 6	120	1815
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,718	Feb. 13	120	2121
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,719	Feb. 13	120	2121
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,720	Feb. 13	120	2121
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,773	Feb. 13	120	2123
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	49,829	Feb. 20	120	2434
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	50,750	Mar. 27	121	1341
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	50,751	Mar. 27	121	1341
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	51,684	Apr. 24	121	2649
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	51,867	Apr. 24	121	2656
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	51,994	May 1	122	338
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	52,154	May 1	122	344
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	52,271	May 8	122	713
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	52,272	May 8	122	713
Massachusetts Cotton Mills, Lowell, Mass. Denims.	52,578	May 15	122	1032
Massachusetts Cotton Mills, Lowell, Mass. Blue denims.	52,579	May 15	122	1032
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,637	June 5	122	2058
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,824	June 12	122	2381
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,825	June 12	122	2381
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,826	June 12	122	2381
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,831	June 12	122	2382
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,832	June 12	122	2382
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,833	June 12	122	2382
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,834	June 12	122	2382
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	53,925	June 12	122	2385
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	54,558	June 26	122	3000
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	54,559	June 26	122	3000
Massachusetts Cotton Mills, Lowell, Mass. Unbleached cotton piece goods.	54,922	Aug. 7	123	1977
Massachusetts Cotton Mills, Lowell, Mass. Certain named textile fabrics.	55,133	Aug. 7	123	1983
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	55,613	Aug. 21	123	2611
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	55,614	Aug. 21	123	2611
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	55,615	Aug. 21	123	2611
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	55,616	Aug. 21	123	2611
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	55,763	Aug. 21	123	2615
Massachusetts Cotton Mills, Lowell, Mass. Cotton piece goods.	55,985	Aug. 21	123	2621
Massachusetts Cotton Mills, Lowell, Mass. Cotton shirtings, osnaburgs, denims, and canton-flannel.	56,875	Oct. 23	124	2528
Masurite Explosive Company, Masury, Ohio. Explosives.	49,973	Feb. 27	120	2746
Masurite Explosive Company, Masury, Ohio. Explosives.	50,654	Mar. 27	121	1338
Masurite Explosive Company, Masury, Ohio. Electrical exploders.	53,521	June 5	122	2053
Masurite Explosive Company, Masury, Ohio, and New York, N. Y. Explosives.	54,310	June 26	122	2990
Masury, Young & Co., Boston, Mass. Disinfectants in liquid and powdered form.	55,638	Aug. 21	123	2612
Matchless Metal Polish Co., New York, N. Y., and Chicago, Ill. Cleaning and polishing preparation.	56,617	Oct. 9	124	1838
Matchless Metal Polish Co., New York, N. Y., and Chicago, Ill. Material for cleaning and polishing metal, glass, marble, and the like.	56,814	Oct. 23	124	2527
Matchless Metal Polish Co., New York, N. Y., and Chicago, Ill. Material for cleaning and polishing.	57,565	Nov. 13	125	661
Matchless Metal Polish Co., New York, N. Y., and Chicago, Ill. Material for cleaning and polishing metal, glass, and marble.	57,736	Nov. 27	125	1341
Mathie Brewing Co., Wausau, Wis. Lager-beer.	57,680	Nov. 27	125	1340
Mathie Brewing Company, Wausau, Wis. Lager-beer.	57,718	Nov. 27	125	1341
Mathis, John B., Detroit, Tex. Laundry soaps.	53,953	June 19	122	2675
Matthews, John, New York, N. Y. Soda-water with or without the addition of flavoring materials.	55,764	Aug. 21	123	2615
Matthews, William B., Washington, D. C. Natural water.	48,858	Jan. 16	120	894
Maule, Wm. H., Philadelphia, Pa. Weekly newspaper of general interest.	55,430	Aug. 14	123	2303
Maw, Son & Sons, S., London, England. Brushes.	53,051	May 22	122	1392
Maxwell Manufacturing Co., Wilson, N. C. Fumigating, spraying, and bathing preparation.	57,167	Nov. 6	125	343
May and Fieberger, Akron, Ohio. Air-heating furnaces for buildings.	52,273	May 8	122	713
May, James O., deceased; A. H. Dayton and G. T. Wigmore, administrators, Naugatuck, Conn. Emulsified preparations, cough mixtures, and lotions.	53,913	June 12	122	2385
Mayer & Loewenstein, New York, N. Y. Varnishes and japans.	49,042	Jan. 23	120	1156
Mayer, M. & C., New York, N. Y. Knit hosiery and underwear.	48,929	Jan. 16	120	896
Mayer, M. & C., New York, N. Y. Knit hosiery and underwear.	49,908	Feb. 20	120	2437
Mayer, M. & C., New York, N. Y. Knit hosiery and underwear.	49,909	Feb. 20	120	2437
Mayer, Scheuer, Offner & Co., Cincinnati, Ohio. Men's and boys' coats and overcoats.	49,054	Jan. 23	120	1156
Mayer, Sons & Co., Philadelphia, Pa. Whisky.	53,864	June 12	122	2383
Mayer, Sons & Co., Philadelphia, Pa. Whisky.	53,865	June 12	122	2383
Mayer, Sons & Co., Philadelphia, Pa. Whisky.	53,926	June 12	122	2385
Mayer, Sons & Co., Philadelphia, Pa. Whisky.	57,719	Nov. 27	125	1341
Mayer & Sons, S., New York, N. Y. Infants' hats and caps.	49,386	Feb. 6	120	1813
Mayers, H. J., Cleveland, Ohio. Effervescent laxative fruit preparation.	49,865	Feb. 20	120	2436
Maynard, Charles A., Springfield, Mass. Proprietary medicine.	51,903	Apr. 24	121	2658
Mayor, Henry A., Kansas City, Mo. Hair-color restorer or hair-dye.	50,940	Apr. 3	121	1662
Mazawattee Tea Company, Limited, London, England. Tea and coffee.	56,990	Oct. 30	124	2896
Mazawattee Tea Company, Limited, London, England. Tea and coffee.	57,621	Nov. 13	125	662
Mazo Manufacturing Company, St. Louis, Mo. Soap.	55,044	Aug. 7	123	1980
McAleer & Sons, John, Philadelphia, Pa. Wheat-flour.	48,713	Jan. 9	120	650
McAnulty, Marie D., New York, N. Y. Magazines.	51,769	Apr. 24	121	2652
McAvoy Brewing Co., Chicago, Ill. Malt tonic.	48,504	Jan. 2	120	317

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
McAvoy Brewing Co., Chicago, Ill. Malt tonic.....	48,930	Jan. 16	120	896
McBride, John H., Des Moines, Iowa. Clothes-pins.....	50,417	Mar. 13	121	684
McCall, T. E. & C. S., Bennettsville, S. C. Fertilizer-distributors.....	57,790	Nov. 27	125	1343
McCaun & Co., New Orleans, La. Molasses.....	49,078	Jan. 23	120	1157
McCart Mosset Co., Cleveland, Ohio. Whisky.....	50,302	Mar. 6	121	334
McCart-Mosset Co., Cleveland, Ohio. Whiskies.....	55,765	Aug. 21	123	2615
McCaskey, John G., Pittsburg, Pa. Sauer-kraut.....	52,155	May 1	122	344
McCleary, Wallin & Crouse, Amsterdam, N. Y. Rugs.....	53,927	June 12	122	2385
McClellan, Hugh H., Troy, N. Y. Outer and dress shirts.....	51,084	Apr. 3	121	1669
McClosky Brothers, New Orleans, La. Wheat-flour.....	51,472	Apr. 17	121	2315
McConnel & Co., Limited, Manchester, England. Cotton yarns.....	56,072	Aug. 21	123	2623
McConway & Torley Co., Pittsburg, Pa. Automatic car-couplings.....	48,958	Jan. 16	120	898
McConway & Torley Co., Pittsburg, Pa. Iron and steel castings and forgings.....	50,628	Mar. 27	121	1337
McCormick Brewery Co., Boston, Mass. Ale.....	57,996	Dec. 4	125	1692
McCormick & Co., Baltimore, Md. Teas.....	58,984	Dec. 25	125	2759
McCray Refrigerator Co., Kendallville, Ind. Refrigerators.....	52,105	May 1	122	343
McCreedy, Joseph L., Baltimore, Md. Fresh-shucked oysters.....	55,766	Aug. 21	123	2615
McCrohan, Jeremiah J., Chicago, Ill. Tonic.....	48,859	Jan. 16	120	894
McDonald, Benjamin H., Fort Worth, Tex. Aerated or carbonated bottled soda-water and syrup for the same.....	51,803	Apr. 24	121	2654
McDonough Manufacturing Co., Eau Claire, Wis. Sawing, trimming, and lumber-handling machinery.....	57,120	Nov. 6	125	342
McDonough, Michael F., Philadelphia, Pa. Whisky.....	50,941	Apr. 3	121	1662
McDougall, Charles P., Indianapolis, Ind. Kitchen-cabinets.....	49,213	Jan. 30	120	1468
McFarlane, Charles H., New York, N. Y. Candied fruit.....	58,193	Dec. 11	125	2038
McGinn, John, Philadelphia, Pa. Whisky.....	54,143	June 19	122	2682
McGraw Publishing Co., New York, N. Y. Weekly periodical.....	57,063	Oct. 30	124	2898
McIlhenny's Son, E., Avery's Island, La. Pepper-sauce.....	51,035	Apr. 3	121	1666
McIlhenny's Son, E., Avery Island and New Iberia, La. Pepper-sauce.....	53,928	June 12	122	2385
McIlhenny's Son, E., Avery Island and New Iberia, La. Pepper-sauce.....	53,929	June 12	122	2385
McKay, Edward B., Philadelphia, Pa. Carbonated beverages, mineral waters, and sterilized waters.....	56,525	Oct. 2	124	1518
McKee, Andrew K., Philadelphia, Pa. Coal.....	53,954	June 19	122	2675
McKee, John A., Toronto, Canada. Pills.....	52,179	May 1	122	345
McKeesport Brick Co., McKeesport, Pa. Brick and terra-cotta.....	57,414	Nov. 13	125	657
McKenney, I. A., Philadelphia, Pa. Certain named medicines.....	56,899	Oct. 23	124	2529
McKesson & Robbins, New York, N. Y. Pharmaceutical preparations for the treatment of kidney diseases.....	50,752	Mar. 27	121	1342
McKesson & Robbins, New York, N. Y. Chemical preparation.....	50,983	Apr. 3	121	1664
McKesson & Robbins, New York, N. Y. Certain named chemical preparations.....	52,729	May 15	122	1038
McKesson & Robbins, New York, N. Y. Laxative remedy.....	53,930	June 12	122	2385
McKesson & Robbins, New York, N. Y. Products of petroleum or preparations containing such products.....	56,690	Oct. 16	124	2172
McKesson & Robbins, New York, N. Y. Salad-oil.....	56,729	Oct. 16	124	2173
McKinley Music Co., Chicago, Ill. Music in sheet, folio, and book form.....	55,334	Aug. 14	123	2301
McKinney, William C., New Brighton, assignor to Porcela Company, Pittsburg, Pa. Preparations for cleaning enameled and porcelain ware.....	50,471	Mar. 20	121	1004
McKinney, William C., New Brighton, assignor to Porcela Company, Pittsburg, Pa. Preparations for cleaning enameled and porcelain ware.....	51,447	Apr. 17	121	2314
McKittrick, Walter, St. Louis, Mo. Leather boots and shoes.....	57,913	Dec. 4	125	1690
McKittrick, Walter, St. Louis, Mo. Brooches and rings.....	58,285	Dec. 11	125	2040
McLaren, John D., New York, N. Y. Remedy for pain in crayon form.....	49,289	Jan. 30	120	1471
McMullen, Charles P., Brooklyn, N. Y. Governors for pumping-engines.....	50,011	Feb. 27	120	2748
McNab & Harlin Manufacturing Company, New York, N. Y. Steam, gas, oil, and water pipes, fittings, and connections therefor.....	52,587	May 15	122	1032
McQuade, Elias A., Lowell, Mass. Whisky.....	53,866	June 12	122	2383
McRae & Bevil, Memphis, Tenn. Leather and canvas shoes and slippers.....	49,953	Feb. 27	120	2746
McRae & Bevil, Memphis, Tenn. Leather and canvas shoes and slippers.....	49,974	Feb. 27	120	2746
Meadville, Pennsylvania Distilling Company, Meadville, Pa. Whiskies.....	50,280	Mar. 6	121	333
Meadville, Pennsylvania Distilling Company, Inc. Meadville, Pa. Pure rye and malt whiskies.....	54,450	June 26	122	2996
Mealy, Edw. H., Baltimore, Md. Electric heel-plates.....	48,552	Jan. 2	120	319
Mechanical Metal Mfg. Co., Philadelphia, Pa. Solders, newspaper metals, and Babbitt metals.....	48,931	Jan. 16	120	897
Mechanical Rubber Co., New York, N. Y. Piston, rod, and joint packings.....	56,187	Aug. 28	123	2971
Medical Lake Salts Mfg. Co., Spokane, Wash. Toilet soap.....	50,885	Apr. 3	121	1660
Medical Lake Salts Mfg. Co., Spokane, Wash. Medicinal plasters.....	55,639	Aug. 21	123	2612
Medical Lake Salts Mfg. Co., Spokane, Wash. Ointment.....	57,866	Nov. 27	125	1345
Medicinal Balsam Company, San Francisco and Palo Alto, Cal. Remedy for catarrh, tuberculosis, and allied diseases.....	50,797	Mar. 27	121	1344
Medicure Food Co., Indianapolis, Ind. Medicated stock and poultry food.....	54,339	June 26	122	2991
Megier, Joseph G., Brookfield, Wash. Canned salmon.....	50,050	Feb. 27	120	2749
Megier, Joseph G., Brookfield, Wash. Canned salmon.....	50,051	Feb. 27	120	2749
Megier, Joseph G., Brookfield, Wash. Canned salmon.....	50,052	Feb. 27	120	2750
Megier, Joseph G., Brookfield, Wash. Canned salmon.....	50,281	Mar. 6	121	333
Megier, Joseph G., Brookfield, Wash. Canned salmon.....	50,282	Mar. 6	121	333
Meier, Hermann F., Dresden-Blasewitz, Germany. Hollow-walled vessels.....	51,995	May 1	122	338
Melchers & Effer, Toledo, Ohio. Whisky.....	55,245	Aug. 7	123	1986
Melini & Eakin, Albuquerque, N. Mex. Ter. Whisky.....	48,826	Jan. 16	120	893
Mellier Drug Company, St. Louis, Mo. Synthetic coal-tar product.....	50,012	Feb. 27	120	2748
Mellier Drug Company, St. Louis, Mo. Tonic and general stimulant.....	51,499	Apr. 17	121	2316
Mellier Drug Company, St. Louis, Mo. Specific for neuralgia and rheumatism.....	51,500	Apr. 17	121	2316
Mellor, Norman, Philadelphia, Pa. Machine-bearings.....	56,563	Oct. 9	124	1837
Menard, Robert P., Macon, Ga. Remedy for croup and colds.....	50,791	Mar. 27	121	1343
Mendleson's Sons, A., Albany, N. Y. Potash, lye, and caustic soda.....	50,792	Mar. 27	121	1343
Mendleson's Sons, A., Albany, N. Y. Chlorid of lime.....	54,675	June 26	122	3005
Mendleson's Sons, A., Albany, N. Y. Potash and lye.....	56,141	Aug. 28	123	2969
Mendleson's Sons, A., Albany, N. Y. Potash and lye.....	56,160	Sept. 25	124	1202
Mendleson's Sons, A., Albany, N. Y. Potash and lye.....	56,481	Sept. 25	124	1203
Mendleson's Sons, A., Albany, N. Y. Potash.....	51,375	Apr. 17	121	2311
Menendez, Joaquin, New York, N. Y. Butter.....	58,496	Dec. 18	125	2354
Menn, August Jr., San Jose, Cal. Whisky.....	56,931	Oct. 23	124	2530
Mentelle, Louise M., Epiphany, S. D. Remedies for certain named diseases.....	57,600	Nov. 13	125	662
Menzies Shoe Company, Detroit, Mich. Leather shoes.....	58,651	Dec. 18	125	2358
Mercantile Supply Company, Middletown, N. Y. Flavoring extracts.....	51,593	Apr. 17	121	2319
Mercer Chemical Company, Mercer, Pa. Antiseptic solution.....	50,472	Mar. 20	121	1004
Merchant & Evans Co., Camden, N. J. Antifriction metals.....	58,448	Dec. 18	125	2353
Merchant & Evans Company, Philadelphia, Pa. Ventilators.....	50,858	Apr. 3	121	1659
Merchants Coal Company, Baltimore, Md. Coal.....	50,858	Apr. 3	121	1659

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Merchants Coffee Co., Baltimore, Md. Roasted coffee.....	55,183	Aug. 7	123	1984
Merchants Coffee Company of New Orleans, Ltd., New Orleans, La. Coffee.....	54,520	June 26	122	2999
Merchants Gargling Oil Company, Lockport, N. Y. Oil liniment.....	54,977	Aug. 7	123	1978
Merchants' Review Publishing Co., New York, N. Y. Weekly journal.....	57,001	Oct. 30	124	2896
Merck, E., Darmstadt, Germany. Dipropyl-barbituric acid.....	48,756	Jan. 9	120	652
Merck, E., Darmstadt, Germany. Soluble thiosinamine compound for medicinal use.....	49,160	Jan. 23	120	1160
Merck, E., Darmstadt, Germany. Serum.....	54,995	Aug. 7	123	1979
Merckens, August, New York, N. Y. Chewing-gum.....	57,168	Nov. 6	125	343
Merkel & Sons, Isaac, Plattsburg, N. Y. Whisky.....	56,215	Sept. 4	124	313
Merkel & Sons, Isaac, Plattsburg, N. Y. Whisky.....	56,664	Oct. 16	124	2171
Mermod, Jaccard & King Jewelry Co., St. Louis, Mo. Watches and clocks.....	57,654	Nov. 27	125	1339
Merrell-Soule Company, Syracuse, N. Y. Condensed mince-meat.....	50,242	Mar. 6	121	332
Merry Optical Company, Kansas City, Mo. Spectacle and eyeglass frames and mountings.....	56,502	Oct. 2	124	1517
Merry Optical Company, Kansas City, Mo. Spectacle and eyeglass frames and mountings.....	56,503	Oct. 2	124	1517
Merry Optical Company, Kansas City, Mo. Opera-glasses.....	56,573	Oct. 9	124	1837
Merry Optical Company, Kansas City, Mo. Opera-glasses.....	56,574	Oct. 9	124	1837
Merry Optical Company, Kansas City, Mo. Spectacle and eyeglass frames and mountings.....	58,222	Dec. 11	125	2038
Mertz, Edward P., Washington, D. C. Medicines for certain named diseases.....	53,347	May 29	122	1717
Meserole, William H., New York, N. Y. Portland cement.....	51,996	May 1	122	338
Metal Industry Publishing Company, New York, N. Y. Monthly journal.....	58,652	Dec. 18	125	2358
Metallic Cap Manufacturing Coy., New York, N. Y. Primers or caps for blasting purposes.....	53,557	June 5	122	2054
Metallic Cap Manufacturing Co'y, New York, N. Y. Caps or primers for blasting purposes.....	54,011	June 19	122	2677
Metallic Cap Manufacturing Co'y, New York, N. Y. Caps or primers for blasting purposes.....	54,012	June 19	122	2677
Metaxin-Fabrik Dr. Lilienfeld & Dr. Tedesko, Vienna, Austria-Hungary. Colored and ornamented paper.....	55,877	Aug. 21	123	2618
Metcalfe Brothers & Co., New York, N. Y. Woven woolen and worsted fabrics in the piece.....	57,103	Nov. 6	125	341
Metropolitan Manufacturing Company, Boston, Mass. Wringers and the rolls thereof.....	52,077	May 1	122	341
Mettler, John W., New Brunswick, N. J. Knitted hosiery, undershirts, and drawers.....	49,830	Feb. 20	120	2434
Metzenaur, Emil, Little Rock, Ark., and St. Louis, Mo. Baking-powder.....	58,108	Dec. 4	125	1695
Metzenaur, Emil, Little Rock, Ark., and St. Louis, Mo. Baking-powder.....	58,762	Dec. 25	125	2753
Metzenaur, Emil, Little Rock, Ark., and St. Louis, Mo. Baking-soda.....	58,763	Dec. 25	125	2753
Meukow & Co., A. C. Cognac, France. Cognac brandy.....	52,208	May 1	122	347
Meurer, Jacob, Brooklyn, N. Y. Tin plates and roofing-tin.....	51,712	Apr. 24	121	2650
Meurer, Jacob, Brooklyn, N. Y. Tin plates and roofing-tin.....	51,745	Apr. 24	121	2652
Meurer, Jacob, Brooklyn, N. Y. Tin plates and roofing-tin.....	51,746	Apr. 24	121	2652
Meurer, Jacob, Brooklyn, N. Y. Tin plates and roofing-tin.....	51,971	May 1	122	337
Meurer, Jacob, Brooklyn, N. Y. Tin plates and roofing-tin.....	51,972	May 1	122	337
Meux's Brewery Company, Limited, London, England. Beer.....	57,655	Nov. 27	125	1339
Meyer Brothers Coffee and Spice Company, St. Louis, Mo. Coffee.....	48,932	Jan. 16	120	897
Meyer Brothers Coffee and Spice Company, St. Louis, Mo. Coffee.....	49,001	Jan. 16	120	899
Meyer Brothers Coffee and Spice Company, St. Louis, Mo. Coffee.....	49,002	Jan. 16	120	899
Meyer Brothers Coffee and Spice Company, St. Louis, Mo. Coffee.....	52,209	May 1	122	347
Meyer & Goetze, New York, N. Y. Certain named cotton fabrics.....	49,831	Feb. 20	120	2434
Meyer, John H., New York, N. Y. Khaki-dyed cotton goods, drills, and ducks.....	58,312	Dec. 11	125	2041
Meyer, Martin & Co., New York, N. Y. Plain and fancy linens.....	58,369	Dec. 11	125	2042
Meyer Marx Co., Birmingham, Ala. Whisky.....	54,144	June 19	122	2683
Meyer Marx Co., Birmingham, Ala. Whisky.....	55,696	Aug. 21	123	2613
Meyer Marx Co., Birmingham, Ala. Whisky.....	57,656	Nov. 27	125	1339
Meyer Marx Co., Birmingham, Ala. Whisky.....	57,657	Nov. 27	125	1339
Meyrowitz Manufacturing Company, New York, N. Y. Automobile-goggles.....	58,964	Dec. 25	125	2758
Michaels & Sons, M., New York, N. Y. Gelatin.....	49,055	Jan. 23	120	1156
Michaels & Sons, M., New York, N. Y. Cocoa-oatmeal preparations.....	51,147	Apr. 3	121	1671
Michaels, David, Boston, Mass. Liquid medicinal compound.....	53,348	May 29	122	1717
Michelson & Bros., I., Cincinnati, Ohio. Whisky.....	50,152	Mar. 6	121	328
Michelson & Bros., I., Cincinnati, Ohio. Whisky.....	50,418	Mar. 13	121	684
Michelson & Bros., I., Cincinnati, Ohio. Whisky.....	56,646	Oct. 16	124	2171
Michigan Alkali Company, Ford City, Mich. Soda-ash and caustic soda.....	53,349	May 29	122	1717
Michigan Carbon Works, Detroit, Mich. Jelly preparation.....	50,053	Feb. 27	120	2750
Michigan Carbon Works, Detroit, Mich. Gelatin.....	52,538	May 8	122	724
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	51,401	Apr. 17	121	2312
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	51,424	Apr. 17	121	2313
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	54,380	June 26	122	2993
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	55,246	Aug. 7	123	1986
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	55,247	Aug. 7	123	1986
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	56,249	Sept. 4	124	314
Michigan Condensed Milk Co., Lansing, Mich., and New York, N. Y. Condensed milk.....	56,250	Sept. 4	124	314
Michigan Macaroni Co., Detroit, Mich. Macaroni and spaghetti.....	58,171	Dec. 11	125	2037
Midget Fly Plate Company, San Francisco, Cal. Sticky fly-paper.....	50,999	Apr. 3	121	1665
Midland Manufacturing Co., Tarkio, Mo. Cultivators.....	51,617	Apr. 17	121	2320
Migranose Importing Co., Philadelphia, Pa. Headache specific put up in tabular form.....	50,382	Mar. 13	121	683
Migranose Importing Co., Philadelphia, Pa. Headache specific put up in tabular form.....	53,085	May 22	122	1393
Miller, John W., Chicago, Ill. Puzzle score-cards.....	58,685	Dec. 25	125	2751
Millard, Thos. C., Flint, Mich. Remedy for certain named diseases.....	58,046	Dec. 4	125	1693
Miller Bros., Washington, D. C. Whiskies.....	55,160	Aug. 7	123	1983
Miller, Charles A., Buffalo, N. Y. Games.....	51,473	Apr. 17	121	2315
Miller, Cyrus R., Milwaukee, Wis. Bread.....	53,757	June 12	122	2379
Miller, Du Brul & Peters Mfg. Co., Cincinnati, Ohio. Cigarettes.....	50,893	Apr. 3	121	1660
Miller, John H., Warren, Pa. Medicated uterine wafers.....	54,978	Aug. 7	123	1978
Miller Ladder Company, Chicago, Ill. Wooden ladders of all kinds.....	49,548	Feb. 6	120	1820
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,304	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,305	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,306	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,307	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,308	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,309	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,310	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,311	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,312	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,313	Sept. 11	124	619
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,314	Sept. 11	124	611
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,372	Sept. 18	124	901
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,373	Sept. 18	124	901
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,374	Sept. 18	124	901
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,375	Sept. 18	124	902
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,394	Sept. 18	124	902
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.....	56,395	Sept. 18	124	902

INDEX OF PATENTS ISSUED FROM THE

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.	56,396	Sept. 18	124	902
Miller Lock Company, Frankford, Pa. Locks, padlocks, and keys.	56,461	Sept. 25	124	1202
Miller Lock Company, Philadelphia, Pa. Locks, padlocks, and keys.	56,636	Oct. 9	124	1839
Miller Lock Company, Philadelphia, Pa. Locks, padlocks, and keys.	56,851	Oct. 23	124	2528
Miller Manufacturing Company, Fort Worth, Tex. Coats, vests, trousers, overalls, and jumpers.	57,791	Nov. 27	125	1343
Miller, Richard, Appleton, Wis. Car-movers.	48,643	Jan. 9	120	648
Miller Rubber Manufacturing Co., Akron, Ohio. Seamless rubber gloves.	57,753	Nov. 27	125	1342
Miller, Sidney F., Brooklyn, N. Y. Whisky.	56,773	Oct. 16	124	2174
Miller, Thomas A., Toledo, Ohio. Tonic remedy.	50,655	Mar. 27	121	1338
Milliken, Consens & Co., Portland, Me. Certain named clothing.	52,253	May 1	122	348
Milliken, Tomlinson Co., Portland, Me. Coffee-berry.	56,774	Oct. 16	124	2174
Milliken, Tomlinson Co., Portland, Me. Coffee-berry, either whole or ground.	49,346	Jan. 30	120	1473
Milloy and Co., John, Chicago, Ill. Cloth having a polished finish.	50,473	Mar. 20	121	1004
Mills Novelty Co., Chicago, Ill. Coin-operated vending-machines.	51,804	Apr. 24	121	2654
Miloslawsky & Kraus, Chicago, Ill. Whisky.	56,172	Aug. 28	123	2970
Milton Bradley Co., Springfield, Mass. Game.	49,794	Feb. 20	120	2433
Milton Bradley Co., Springfield, Mass. Game.	55,459	Aug. 14	123	2304
Milwal Drug Company, Pottsville, Pa. Certain named medicines.	55,460	Aug. 14	123	2304
Milwis Manufacturing Company, Milwaukee, Wis. Certain named sheet-metal ware.	58,892	Dec. 25	125	2757
Minard's Liniment Manufacturing Company, Framingham and Boston, Mass. Liniment.	57,944	Dec. 4	125	1690
Minard's Liniment Manufacturing Company, Framingham and Boston, Mass. Liniment.	52,210	May 1	122	347
Miner, Benjamin F., Montague, Mass. Hair-tonic.	58,802	Dec. 25	125	2754
Miner, Benjamin F., Montague, Mass. Remedy for inflammation.	52,465	May 8	122	721
Miner, Benjamin F., Montague, Mass. Compound used as a tonic and flavoring.	52,466	May 8	122	721
Mineral Heave Remedy Co., Pittsburg, Pa. Remedy for the cure of heaves in horses.	54,063	June 19	122	2679
Mining Reporter Publishing Company, Denver, Colo. Magazines.	55,617	Aug. 21	123	2611
Minneapolis Brewing Co., Minneapolis, Minn. Beer.	57,914	Dec. 4	125	1690
Minneapolis Brewing Co., Minneapolis, Minn. Beer.	54,642	June 26	122	3003
Minneapolis Brewing Co., Minneapolis, Minn. Malt extract.	54,643	June 26	122	3003
Minnesota Mining & Manufacturing Co., Duluth, Minn. Corundum, garnet, and emery paper and cloth.	55,270	Aug. 14	123	2299
Minor & Son, P. W., Batavia, N. Y. Rubber heels for boots and shoes.	56,397	Sept. 18	124	902
Minor & Son, P. W., Batavia, N. Y. Leather boots and shoes.	50,206	Mar. 6	121	330
Minot, Hooper & Co., New York, N. Y. Sheeting.	50,283	Mar. 6	121	333
Minot, Hooper & Co., New York, N. Y. Cotton piece goods.	54,311	June 26	122	2990
Minot Hooper & Co., New York, N. Y. Cotton piece goods.	56,618	Oct. 9	124	1838
Minot Hooper & Co., New York, N. Y. Cotton piece goods.	57,079	Oct. 30	124	2898
Minot Hooper & Co., New York, N. Y. Cotton sheetings.	58,596	Dec. 18	125	2357
Missouri Valley Milling Company, Mandan, N. D. Wheat-flour.	52,539	May 8	122	724
Missouri Valley Milling Company, Mandan, N. D. Wheat-flour.	53,128	May 29	122	1708
Missouri Valley Milling Company, Mandan, N. D. Wheat-flour.	53,208	May 29	122	1711
Missouri Valley Milling Company, Mandan, N. D. Wheat-flour.	58,151	Dec. 4	125	1696
Mistletoe Manufacturing Company, Denver, Colo. Cream for the toilet.	55,697	Aug. 21	123	2613
Mitchell, Clarence B., Boston, Mass. Canned sardines.	50,284	Mar. 6	121	333
Mitchell, Clarence B., Boston, Mass. Canned sardines.	51,868	Apr. 24	121	2656
Mitchell, Fletcher & Company, Incorporated, Philadelphia, Pa. Whisky.	49,016	Jan. 23	120	1155
Mitchell, William F., Philadelphia, Pa. Cordials.	49,721	Feb. 13	120	2121
Mittag, Frank O., Park Ridge, N. J. Type-writer ribbons.	53,254	May 29	122	1713
Mittag, Frank O., Park Ridge, N. J. Type-writer ribbons.	53,350	May 29	122	1717
Mittineague Paper Company, West Springfield, Mass. Paper and cardboard.	57,915	Dec. 4	125	1690
Mittineague Paper Company, West Springfield, Mass. Paper and cardboard.	57,916	Dec. 4	125	1690
Mittineague Paper Company, West Springfield, Mass. Certain named paper.	58,607	Dec. 18	125	2357
Model Milling & Elevator Company, Greeley, Colo. Wheat-flour.	50,303	Mar. 6	121	334
Mohs-Frese Commercial Company, San Francisco, Cal. Wheat-flour.	54,381	June 26	122	2993
Molassine Company, Ltd., London, England. Stock-food.	52,982	May 22	122	1389
Molassine Company, Ltd., London, England. Food for stock.	55,827	Aug. 21	123	2617
Moline Plow Co., Moline, Ill. Beet-pullers and potato-diggers.	56,018	Aug. 21	123	2622
Moline Plow Co., Moline, Ill. Stalk-cutters.	56,019	Aug. 21	123	2622
Moline Wagon Compy., Moline, Ill. Wagons.	49,099	Jan. 23	120	1158
Moline Wagon Company, Moline, Ill. Wagons.	54,112	June 19	122	2681
Moline Wagon Company, Moline, Ill. Carriages and wagons.	55,547	Aug. 14	123	2306
Monaghan, Michael W., Woodhaven, N. Y. Liquid rheumatic remedy.	51,191	Apr. 10	121	1967
Monahan Antiseptic Co., Chicago, Ill. Soap.	52,933	May 22	122	1387
Monarch Milling Co., Hutchinson, Kans. Wheat-flour.	54,382	June 26	122	2993
Monter Drill Co., St. Louis Park and Minneapolis, Minn. Seeding-machines.	49,596	Feb. 13	120	2116
Mono Vineyard & Wine Co., Chicago, Ill. Wines.	57,043	Oct. 30	124	2897
Monohansett Mfg. Co., Putnam, Conn. Sheetings and shirtings.	58,866	Dec. 25	125	2756
Monroe Butter & Cheese Factory, Monroe, Mich. Butter.	56,730	Oct. 16	124	2173
Monroe Foundry & Furnace Co., Monroe, Mich. Heating-furnaces and boilers.	52,667	May 15	122	1035
Montanye, Charles H., New York, N. Y. Coffees.	53,810	June 12	122	2381
Montgomery Bros. Inc., Philadelphia, Pa. Rubber cement.	52,430	May 8	122	720
Montgomery Bros. Inc., Philadelphia, Pa. Rubber cement.	52,431	May 8	122	720
Montgomery Bros. Inc., Philadelphia, Pa. Rubber cement.	52,445	May 8	122	720
Montgomery Bros. Inc., Philadelphia, Pa. Rubber cement.	52,446	May 8	122	720
Montgomery Bros. Inc., Philadelphia, Pa. Rubber cement.	52,447	May 8	122	720
Montgomery Bros. Inc., Philadelphia, Pa. Rubber cement.	52,448	May 8	122	720
Montgomery, G. L., New York, N. Y. Sheetings and drillings.	49,056	Jan. 23	120	1156
Monticello Distilling Company, Baltimore, Md. Whisky.	52,649	May 15	122	1035
Montmorency Cotton Mills Coy., Montmorency, Canada. Sheetings and shirtings.	56,173	Aug. 28	123	2970
Monumental Brewing Co. of Baltimore City, Baltimore and Highlandtown, Md. Beer.	57,514	Nov. 13	125	660
Moody, William A., Boston, Mass., assignor to Brockton Shoe Company. Leather boots, shoes, and slippers.	53,811	June 12	122	2381
Moon Desk Co., Muskegon, Mich. Certain named furniture.	57,199	Nov. 6	125	344
Moore-Shafer Shoe Mfg. Co., Brockport, N. Y. Leather boots, shoes, oxfords, sandals, and slippers.	54,287	June 26	122	2989
Mora, José M. de, Cadiz, Spain. Sherries.	58,833	Dec. 25	125	2755
Moran Flexible Joint Co., Louisville, Ky. Pipe-joints.	55,396	Aug. 14	123	2302
Moras, Edmond R., Chicago, Ill. Certain named medicine.	53,931	June 12	122	2386
Morehouse, William H., Toledo, Ohio. Field-seeds.	54,064	June 19	122	2679
Morey, Charles I., New York, N. Y. Cocktail-sauce.	52,180	May 1	122	345
Morgan Crucible Co., Limited, London, England. Brushes for motors and dynamos.	57,382	Nov. 13	125	656
Morgenthau, Mengo L., New York, N. Y. Candies, bonbons, and chocolate candy.	53,004	May 22	122	1390
Morgenthau, Mengo L., New York, N. Y. Candies, bonbons, and chocolate candies.	55,397	Aug. 14	123	2302
Morgenthau, Mengo L., New York, N. Y. Candies, bonbons, and chocolate candies.	58,194	Dec. 11	125	2038
Morgenthau, Mengo L., New York, N. Y. Candies, bonbons, and chocolate candies.	58,195	Dec. 11	125	2038
Morin, Edouard, Quebec, Canada. Remedy for certain named diseases.	58,764	Dec. 25	125	2753
Morley Bros., St. Louis, Mo. Medicated stock-food.	58,867	Dec. 25	125	2756

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Morley, I. & R., London, England. Hosiery and knitted underwear.	55,134	Aug. 7	123	1983
Morning Journal Association, New York, N. Y. Daily newspaper.	57,356	Nov. 13	125	655
Moro Medical Co., Montreal, Canada. Remedy for certain named diseases.	53,086	May 22	122	1393
Moroney, James, deceased, Philadelphia, Pa.; J. E. Moroney, executor. Whisky.	58,370	Dec. 11	125	2042
Moroney, James, deceased, Philadelphia, Pa.; J. E. Moroney, executor. Whisky.	58,371	Dec. 11	125	2042
Morrin-Powers Merc. Co., Kansas City, Mo. Whisky.	52,785	May 15	122	1040
Morrin-Powers Merc. Co., Kansas City, Mo. Whisky.	54,145	June 19	122	2683
Morris Bros., New York, N. Y. Suspenders.	49,043	Jan. 23	120	1156
Morris Bros., Allegheny, Pa. Castor-oil.	50,726	Jan. 27	121	1341
Morris and Company, Yardville, N. J. Carpets.	51,085	Apr. 3	121	1669
Morris & Company, Nelson, Chicago, Ill. Hash and hashed meats.	51,474	Apr. 17	121	2315
Morris, James P., Paris, Tex. Remedy for skin diseases.	54,607	June 26	122	3002
Morris, Moss, Brooklyn, N. Y. Tonics for the hair.	56,665	Oct. 16	124	2171
Morrison, John C., New York, N. Y. Hat-fasteners.	50,332	Mar. 13	121	681
Morrison Manufacturing Company, Pierre, S. D., and Fort Madison, Iowa. Plows, listers, cultivators, and harrows.	48,933	Jan. 16	120	897
Morse, Hazen, New Rochelle, N. Y. Nutritive tonics and tissue-builders.	51,658	Apr. 17	121	2322
Morse & Rogers, New York, N. Y. Boots, shoes, and slippers and soles therefor.	49,161	Jan. 23	120	1161
Morse & Rogers, New York, N. Y. Boots, shoes, and slippers and soles therefor.	49,954	Feb. 27	120	2746
Morse & Rogers, New York, N. Y. Boots, shoes, and slippers and soles therefor.	49,955	Feb. 27	120	2746
Morse & Rogers, New York, N. Y. Boots, shoes, and slippers of leather or textile material, or both, and soles therefor.	54,312	June 26	122	2990
Morse & Rogers, New York, N. Y. Certain named boots, shoes, and slippers and soles therefor.	54,360	June 26	122	2992
Morse & Rogers, New York, N. Y. Certain named boots, shoes, slippers, and soles.	55,828	Aug. 21	123	2617
Morse Twist Drill & Machine Company New Bedford, Mass. Drills, reamers, taps, dies, counter-bores, and milling-cutters.	56,932	Oct. 23	124	2530
Morton & Son, Boston, Mass. Heel-counters.	57,383	Nov. 13	125	656
Morway & Son, Felix P., Worcester, Mass. Whisky.	49,532	Feb. 6	120	1819
Moses & Co., L., Louisville, Ky. Trousers.	58,373	Dec. 11	125	2042
Moshy & Rahaim, New York, N. Y. Razors.	57,429	Nov. 13	125	657
Mossberg Wrench Company, Central Falls, R. I. Counter-shafts and appurtenances thereto.	48,959	Jan. 16	120	898
Mossberg Wrench Company, Central Falls, R. I. Counter-shafts and appurtenances thereto.	50,835	Apr. 3	121	1658
Mossberg Wrench Company, Central Falls, R. I. Wrenches.	53,665	June 12	122	2375
Mosser & Co., Wm. F., Boston, Mass. Sole-leather.	54,608	June 26	122	3002
Motor Vehicle Publishing Co., Ridgewood, N. J., and New York, N. Y. Monthly periodical.	58,726	Dec. 25	125	2752
Mount & Robertson, New York, N. Y. Office-partitions.	55,359	Aug. 14	123	2301
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	49,044	Jan. 23	120	1156
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	49,214	Jan. 30	120	1468
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Canvas, hose-duck, awning-stripes, and sail-duck.	49,722	Feb. 13	120	2121
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	49,774	Feb. 13	120	2123
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	50,013	Feb. 27	120	2748
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	50,181	Mar. 6	121	329
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	50,182	Mar. 6	121	329
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	51,173	Apr. 3	121	1672
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Fabric of cotton duck.	51,532	Apr. 17	121	2317
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	53,522	June 5	122	2053
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	53,638	June 5	122	2058
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	55,640	Aug. 21	123	2612
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	56,398	Sept. 18	124	902
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	56,575	Oct. 9	124	1837
Mountain City Mill Co., Chattanooga, Tenn. Wheat-flour.	55,212	Aug. 7	123	1985
Mountain City Mill Co., Chattanooga, Tenn. Certain named bakery products.	55,931	Aug. 21	123	2620
Mountain City Mill Co., Chattanooga, Tenn. Certain named bakery products.	55,932	Aug. 21	123	2620
Mountain City Mill Co., Chattanooga, Tenn. Certain named bakery products.	55,933	Aug. 21	123	2620
Mountain City Mill Co., Chattanooga, Tenn. Certain named bakery products.	56,073	Aug. 21	123	2623
Mountain City Mill Co., Chattanooga, Tenn. Certain named bakery products.	56,355	Sept. 18	124	901
Mountain City Mill Co., Chattanooga, Tenn. Certain named bakery products.	56,356	Sept. 18	124	901
Mountain Distg. Co., Cincinnati, Ohio. Whisky.	51,659	Apr. 17	121	2322
Mountain Distg. Co., Cincinnati, Ohio. Whisky.	51,660	Apr. 17	121	2322
Mountain Distg. Co., Cincinnati, Ohio. Whisky.	51,661	Apr. 17	121	2322
Mountain Distg. Co., Cincinnati, Ohio. Whisky.	51,662	Apr. 17	121	2322
Mountain Distg. Co., Cincinnati, Ohio. Whisky.	51,904	Apr. 24	121	2658
Mountain Distilling Co., Cincinnati, Ohio. Whisky.	56,691	Oct. 16	124	2172
Mountain Valley Springs Company, Mountain Valley Springs, Ark. Mineral-spring water.	51,448	Apr. 17	121	2314
Mouson & Co., J. G., Frankfurt-on-the-Main, Germany. Soaps.	54,788	July 31	123	1657
Mouson & Co., J. G., Frankfurt-on-the-Main, Germany. Toilet soap.	54,789	July 31	123	1657
Moyer Bros., Bloomsburg, Pa. Remedy for certain named diseases.	57,002	Oct. 30	124	2896
Mrs. McCullough Yeast Co., Centralia, Ill. Yeast-cakes.	58,134	Dec. 4	125	1695
Mueller Chemical Co. Inc., Wapakoneta, Ohio. Remedy for certain named diseases.	54,979	Aug. 7	123	1978
Mueller, Edward P., Milwaukee, Wis. Molasses food for horses and cattle.	52,156	May 1	122	345
Mueller, Wathen & Kobert, Lebanon, Ky. Whisky.	50,207	Mar. 6	121	330
Mueller, Wathen & Kobert, Lebanon, Ky. Whisky.	55,213	Aug. 7	123	1985
Mueller, Wathen & Kobert, Lebanon, Ky. Whisky.	55,214	Aug. 7	123	1985
Mueller, Wathen & Kobert, Lebanon, Ky. Whisky.	55,215	Aug. 7	123	1985
Mueller, Wathen & Kobert, Lebanon, Ky. Whisky.	55,271	Aug. 14	123	2299
Mueller, Wathen & Kobert, Lebanon, Ky. Whisky.	56,174	Aug. 28	123	2970
Mulconroy Co., Inc., Philadelphia, Pa. Rod-packing.	51,192	Apr. 10	121	1967
Mulconroy Co., Inc., Philadelphia, Pa. Rubber hose.	51,193	Apr. 10	121	1967
Mulconroy Co., Inc., Philadelphia, Pa. Rubber hose.	51,194	Apr. 10	121	1967
Mülhens & Kropff, New York, N. Y. Toilet soaps.	50,685	Mar. 27	121	1339
Mülhens & Kropff, New York, N. Y. Glycerin soap.	51,386	Apr. 17	121	2311
Müller, C. H. F., Hamburg, Germany. Vacuum-tubes, X-ray tubes, and parts thereof.	48,934	Jan. 16	120	897
Muller, Frederick, Jr., Hoboken, N. J. Medicine for the cure of constipation and bowel stomach ailments.	52,467	May 8	122	721
Mulligan Liniment Co., Corning, N. Y. Liniment.	58,834	Dec. 25	125	2755
Mumford, Chas. B., Kansas City, Mo. Remedy for coughs, colds, croup, and consumption.	49,215	Jan. 30	120	1468
Mumford, Chas. B., Kansas City, Mo. Remedies for the cure of blood diseases and rheumatism.	50,942	Apr. 3	121	1662
Mumford, Charles B., Kansas City, Mo. Liver and kidney pills.	55,947	Aug. 21	123	2620
Mumford, Charles B., Kansas City, Mo. Liniments for neuralgia and rheumatism.	57,223	Nov. 6	125	344
Mumm & Co., G. H., Rheims, France. Champagne-wine.	51,869	Apr. 24	121	2657
Mumm & Co., G. H., Rheims, France. Champagne-wine.	54,113	June 19	122	2681
Mumm & Co., G. H., Rheims, France. Champagne-wine.	55,641	Aug. 21	123	2612
Mumm & Co., G. H., Rheims, France. Champagne-wine.	55,642	Aug. 21	123	2612
Mumm & Co., G. H., Rheims, France. Champagne-wine.	55,643	Aug. 21	123	2612
Mumm & Co., G. H., Rheims, France. Champagne-wine.	58,835	Dec. 25	125	2755

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Mundy, Joseph S., Newark, N. J. Steam hoisting, mining, stationary, and dredging engines.....	54,718	June 26	122	307
Municipal Engineering Company, Indianapolis, Ind. Magazine.....	50,333	Mar. 13	121	681
Munn & Co., New York, N. Y. News periodicals and magazines.....	49,533	Feb. 6	120	1819
Munson, James G., San Jose, Cal. Remedy for headache, neuralgia, and nervousness.....	58,653	Dec. 18	125	2358
Munson Supply Company, New York, N. Y. Cushion finger-keys.....	49,534	Feb. 6	120	1819
Munyon's Homoeopathic Home Remedy Co., Philadelphia, Pa. Pills for biliousness and constipation.....	52,364	May 8	122	717
Munyon's Homoeopathic Home Remedy Co., Philadelphia, Pa. Stomach-bitters.....	51,148	Apr. 3	121	1671
Munyon's Homoeopathic Home Remedy Co., Philadelphia, Pa. Toilet soaps.....	51,618	Apr. 17	121	2320
Munyon's Homoeopathic Home Remedy Co., Philadelphia, Pa. Homoeopathic medical preparations for the prevention and cure of diseases.....	52,040	May 1	122	340
Muralo Company, New York, N. Y. Oil-paints, varnishes, and enamels.....	54,114	June 19	122	2681
Murbach Company, Baltimore, Md. Candy.....	57,332	Nov. 13	125	655
Murfreesboro Bottling Works, Murfreesboro, Tenn. Beverages made from coca-leaves.....	49,102	Jan. 23	120	1158
Murine Eye Remedy Company, Chicago, Ill. Eye remedies.....	55,878	Aug. 21	123	2618
Murphy & Co., Frank, Chillicothe, Ohio. Whisky.....	49,888	Feb. 20	120	2437
Murphy & Company, James B., Danbury, Conn. Stiff fur hats.....	55,698	Aug. 21	123	2613
Murphy, Grant & Co., New York, N. Y., and San Francisco, Cal. Knit underwear.....	57,835	Nov. 27	125	1344
Murphy, Grant & Co., New York, N. Y., and San Francisco, Cal. Knit hosiery.....	51,805	Apr. 24	121	2654
Murphy, John J., New York, N. Y. Certain named toilet preparations.....	51,806	Apr. 24	121	2654
Murphy Shoe Co., Portsmouth, Ohio. Men's leather shoes.....	57,867	Nov. 27	125	1345
Murphy Varnish Company, Newark, N. J. Varnishes.....	56,504	Oct. 2	124	1517
Murphy Varnish Company, Newark, N. J. Priming, coating, and preparing material for varnishes.....	53,955	June 19	122	2675
Murphy Varnish Company, Newark, N. J. Varnish, japan, and varnish-stains.....	53,956	June 19	122	2675
Murphy Varnish Company, Newark, N. J. Certain named painters' materials.....	57,737	Nov. 27	125	1341
Murphy Varnish Company, Newark, N. J. Mixed paints.....	58,497	Dec. 18	125	2354
Murr, Richard, San Francisco, Cal. Cut glass.....	58,765	Dec. 25	125	2753
Murray, Edgar A., Detroit, Mich. Compound for exterminating vermin.....	54,609	June 26	122	3002
Musselman, Norman B., Philadelphia, Pa. Glue and cements.....	52,157	May 1	122	345
Myers & Andrews, Boston, Mass. Men's and children's overcoats, coats, vests, and trousers.....	58,047	Dec. 4	125	1693
Myers, Angelo, Philadelphia, Pa. Whisky.....	48,505	Jan. 2	120	317
Myers, Angelo, Philadelphia, Pa. Whisky.....	48,588	Jan. 2	120	320
Myers, Angelo, Philadelphia, Pa. Whisky.....	48,589	Jan. 2	120	320
Myers, Angelo, Philadelphia, Pa. Whisky.....	49,535	Feb. 6	120	1819
Myers, Angelo, Philadelphia, Pa. Whisky.....	50,552	Mar. 20	121	1007
Myers, Angelo, Philadelphia, Pa. Whisky.....	52,181	May 1	122	346
Myers & Bro., F. E., Ashland, Ohio. Hay-carriers.....	52,365	May 8	122	717
Myers & Bro., F. E., Ashland, Ohio. Pumps.....	53,603	June 5	122	2056
Myers & Bro., F. E., Ashland, Ohio. Hay-rack clamps.....	58,172	Dec. 11	125	2037
Myers & Brother, F. E., Ashland, Ohio. Water-pumps.....	52,274	May 8	122	713
Myers & Brother, F. E., Ashland, Ohio. Hay-carriers.....	56,933	Oct. 23	124	2530
Myers & Gordon, New York, N. Y. Metal-polish in soap form.....	55,398	Aug. 14	123	2302
Myers, Henry R., Covington, Ky. Gin.....	50,183	Mar. 6	121	329
Myers, Henry R., Covington, Ky. Whisky.....	50,520	Mar. 20	121	1006
Myers, Henry R., Covington, Ky. Wine.....	53,827	June 12	122	2381
Myers, Henry R., Covington, Ky. Blackberry cordial.....	54,756	June 26	122	3008
Myers, Henry R., Covington, Ky. Brandy.....	55,295	Aug. 14	123	2300
Myers, Henry R., Covington, Ky. Rum.....	55,699	Aug. 21	123	2614
Myers, Henry R., Covington, Ky. Tonic.....	55,700	Aug. 21	123	2614
Myers, Herman C., New York, N. Y. Whisky.....	58,261	Dec. 11	125	2039
Myers, J. & P. B., New York, N. Y. Checker-boards.....	58,686	Dec. 25	125	2751
Myers Remedy Co., Detroit, Mich. Tablets for the cure of stomach troubles.....	58,083	Dec. 4	125	1694
N. Benjamin Son Inc., Brooklyn, N. Y. Beer.....	52,759	May 15	122	1039
N. Erlanger, Blumgart & Co., New York, N. Y. Mohair dress goods.....	49,293	Jan. 30	120	1471
N. K. Fairbank Company, Chicago, Ill. Lard and lard compound.....	49,694	Feb. 13	120	2120
N. K. Fairbank Company, Chicago, Ill. Prepared fatty, oleaginous, or unctuous food substances.....	50,430	Mar. 13	121	685
N. K. Fairbank Company, Chicago, Ill. Soap.....	51,243	Apr. 10	121	1969
N. K. Fairbank Company, Chicago, Ill. Soap.....	51,425	Apr. 17	121	2313
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,597	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,598	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,599	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,600	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,601	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,602	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,603	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,604	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,605	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,606	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,607	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,608	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,609	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,610	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,611	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,612	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,613	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,614	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,615	May 15	122	1033
N. K. Fairbank Company, Chicago, Ill. Soap.....	52,786	May 15	122	1040
N. K. Fairbank Company, Chicago, Ill. Prepared fatty, oleaginous, or unctuous food substances.....	52,787	May 15	122	1040
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,005	May 22	122	1390
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,006	May 22	122	1390
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,007	May 22	122	1390
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,226	May 29	122	1712
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,321	May 29	122	1716
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,322	May 29	122	1716
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,323	May 29	122	1716
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,351	May 29	122	1717
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,352	May 29	122	1717
N. K. Fairbank Company, Chicago, Ill. Lard.....	53,464	June 5	122	2051
N. K. Fairbank Company, Chicago, Ill. Lard.....	53,465	June 5	122	2051
N. K. Fairbank Company, Chicago, Ill. Soap.....	53,491	June 5	122	2052
N. K. Fairbank Company, Chicago, Ill. Soap.....	54,013	June 19	122	2677
N. K. Fairbank Company, Chicago, Ill. Soap.....	55,045	Aug. 7	123	1980
N. K. Fairbank Company, Chicago, Ill. Prepared fatty, oleaginous, or unctuous food substances.....	55,216	Aug. 7	123	1985
N. K. Fairbank Company, Chicago, Ill. Washing-powder.....	57,224	Nov. 6	125	344
N. K. Fairbank Company, Chicago, Ill. Washing-powder.....	57,430	Nov. 13	125	657

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
N. K. Fairbank Company, Chicago, Ill. Soap.....	57,738	Nov. 27	125	1344
N. K. Fairbank Company, Chicago, Ill. Soap.....	58,466	Dec. 18	125	2354
N. K. Fairbank Company, Chicago, Ill. Soap.....	58,467	Dec. 18	125	2354
N. K. Fairbank Company, Chicago, Ill. Soap.....	58,468	Dec. 18	125	2354
N. K. Fairbank Company, Chicago, Ill. Soap.....	58,469	Dec. 18	125	2354
N. K. Fairbank Company, Chicago, Ill. Prepared fatty, oleaginous, or unctuous food substances.	58,985	Dec. 25	125	2759
N. W. Taussig Co., New York, N. Y. Molasses.....	50,445	Mar. 20	121	1003
N. Z. Graves Co., Inc., Philadelphia, Pa. Black paints and japans.....	51,426	Apr. 17	121	2313
N. Z. Graves Co., Inc., Philadelphia, Pa. Black paints and japans.....	51,451	Apr. 17	121	2314
Na Kau Trading Corporation, New York, N. Y. Silk piece goods.....	49,003	Jan. 16	120	899
Naprstek, Henriette, New York, N. Y. Insecticides and rodent-poisons.....	55,767	Aug. 21	123	2615
Narrow Fabric Co., Wyomissing, Pa. Shoe-laces.....	54,014	June 19	122	2677
Nash, George, New York, N. Y. Unmanufactured steel, including steel blanks, shapes, rods, billets, and sheets.....	52,625	May 15	122	1034
Nashville Carbon & Oil Company, Nashville, Tenn. Carbon paints.....	56,251	Sept. 4	124	314
Nashville Chemical Co., Nashville, Tenn. Fire-kindling material.....	56,541	Oct. 2	124	1518
Nashville Chemical Company, Nashville, Tenn. Stains.....	53,957	June 19	122	2675
Nashville Tobacco Works, Nashville, Tenn. Any form of smoking or chewing tobacco.....	51,402	Apr. 17	121	2312
Nashville Tobacco Works, Nashville, Tenn. Smoking or chewing tobacco.....	54,471	June 26	122	2997
Nashville Tobacco Works, Nashville, Tenn. Smoking or chewing tobacco.....	54,472	June 26	122	2997
Nashville Tobacco Works, Nashville, Tenn. Smoking or chewing tobacco.....	54,473	June 26	122	2997
Nashville Tobacco Works, Nashville, Tenn. Smoking or chewing tobacco.....	54,474	June 26	122	2997
Nathan & Co., Julius, Fort Wayne, Ind. Whisky.....	53,324	May 29	122	1716
Nath'l Fisher & Co., New York, N. Y. Boots, shoes, and slippers of leather or textile material, or both, and soles therefor.....	51,149	Apr. 3	121	1671
National-Acme Manufacturing Company, Cleveland, Ohio. Lathes.....	49,597	Feb. 13	120	2116
National Candy Company, Jersey City, N. J., and St. Louis, Mo. Marshmallows.....	58,608	Dec. 18	125	2357
National Candy Mold and Manufacturing Company, Dayton, Ohio. Roll-paper holders and cutters.....	54,046	June 19	122	2679
National Cash Register Co., Jersey City, N. J., and Dayton, Ohio. Cash-registers and autographic registers.....	53,129	May 29	122	1708
National Casket Co., Allegheny, Pa. Burial-caskets and casket attachments.....	49,079	Jan. 23	120	1157
National Casket Co., New York, N. Y. Caskets, coffins, and fixtures therefor.....	49,162	Jan. 23	120	1161
National Casket Co., New York, N. Y. Burial-caskets, coffins, and fixtures therefor.....	49,441	Feb. 6	120	1815
National Casket Co., New York, N. Y. Burial-caskets, coffins, and fixtures therefor.....	54,047	June 19	122	2679
National Coal Tar Co., Boston, Mass. Roofing and waterproofing material.....	49,290	Jan. 30	120	1471
National Coal Tar Co., Boston, Mass. Certain coal-tar preparations.....	57,515	Nov. 13	125	600
National Coal Tar Company, Boston, Mass. Certain named chemical preparation.....	54,048	June 19	122	2679
National Coal Tar Company, Boston, Mass. Ready felt roofing.....	55,399	Aug. 14	123	2302
National Cutlery Co., Detroit, Mich. Axes and hatchets.....	52,013	May 1	122	339
National Distilling Co., Milwaukee, Wis. Gin.....	49,018	Jan. 23	120	1155
National Distilling Co., Milwaukee, Wis. Gin.....	50,184	Mar. 6	121	330
National Distilling Co., Milwaukee, Wis. Yeast.....	55,768	Aug. 21	123	2615
National Eye Remedy Co., Blair, Wis. Remedy for diseases of the eye.....	58,084	Dec. 4	125	1694
National Food Co., Fond du Lac, Wis. Ointments.....	48,935	Jan. 16	120	897
National Grocer Company, Chicago, Ill. Syrup and molasses.....	52,182	May 1	122	346
National Grocer Company, Chicago, Ill. Fruits, vegetables, preserves, and jellies in tins and glass.	56,462	Sept. 25	124	1202
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	48,525	Jan. 2	120	318
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	49,291	Jan. 30	120	1471
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	49,292	Jan. 30	120	1471
National Lead Company, Jersey City, N. J., and New York, N. Y. Babbitt metal.....	49,404	Feb. 6	120	1814
National Lead Company, Jersey City, N. J., and New York, N. Y. Babbitt metal.....	49,405	Feb. 6	120	1814
National Lead Company, Jersey City, N. J., and New York, N. Y. Babbitt metal.....	49,406	Feb. 6	120	1814
National Lead Company, Jersey City, N. J., and New York, N. Y. Babbitt metal.....	49,407	Feb. 6	120	1814
National Lead Company, Jersey City, N. J., and New York, N. Y. Babbitt metal.....	49,408	Feb. 6	120	1814
National Lead Company, Jersey City, N. J., and New York, N. Y. Solder.....	49,409	Feb. 6	120	1814
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	49,665	Feb. 13	120	2119
National Lead Company, Jersey City, N. J., and New York, N. Y. Castor-oil.....	50,553	Mar. 20	121	1007
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	51,244	Apr. 10	121	1969
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	51,245	Apr. 10	121	1969
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	51,300	Apr. 10	121	1971
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead and oxids of lead.....	51,301	Apr. 10	121	1971
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	51,302	Apr. 10	121	1971
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	51,303	Apr. 10	121	1972
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead and oxids of lead.....	51,403	Apr. 17	121	2312
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead and oxids of lead.....	51,404	Apr. 17	121	2312
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead and oxids of lead.....	51,405	Apr. 17	121	2312
National Lead Company, Jersey City, N. J., and New York, N. Y. Babbitt metal.....	51,565	Apr. 17	121	2318
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead and oxids of lead.....	53,983	June 19	122	2676
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead and oxids of lead.....	53,984	June 19	122	2676
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	54,015	June 19	122	2677
National Lead Company, Jersey City, N. J., and New York, N. Y. Castor-oil.....	54,115	June 19	122	2681
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	54,222	June 19	122	2685
National Lead Company, Jersey City, N. J., and New York, N. Y. Solder.....	54,250	June 26	122	2908
National Lead Company, Jersey City, N. J., and New York, N. Y. Oxids of lead and white lead.....	55,400	Aug. 14	123	2302
National Lead Company, Jersey City, N. J., and New York, N. Y. Oxids of lead.....	56,252	Sept. 4	124	314
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	56,357	Sept. 18	124	901
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	56,815	Oct. 23	124	2527
National Lead Company, Jersey City, N. J., and New York, N. Y. Oxids of lead and linseed-oil.....	57,466	Nov. 13	125	658
National Lead Company, Jersey City, N. J. White lead.....	50,859	Apr. 3	121	1659
National Lead Company of Massachusetts, Boston, Mass. White lead.....	49,866	Feb. 20	120	2436
National Lead & Oil Co. of Pa., Pittsburg, Pa. Linseed-oil.....	53,758	June 12	122	2379
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	53,985	June 19	122	2676
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	54,016	June 19	122	2677
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	54,017	June 19	122	2677
National Lead & Oil Co. of Pa., Pittsburg, Pa. Oxids of lead.....	54,018	June 19	122	2677
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	56,416	Sept. 25	124	1201
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	56,417	Sept. 25	124	1201
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	56,418	Sept. 25	124	1201
National Lead & Oil Co. of Pa., Pittsburg, Pa. White lead and oxids of lead.....	56,419	Sept. 25	124	1201
National Liquid Paint Co., San Francisco, Cal. Liquid paint.....	48,802	Jan. 16	120	892
National Lock Washer Company, Newark, N. J. Lock-washers and nut-locks.....	52,366	May 8	122	717
National Malleable Castings Company, Cleveland, Ohio. Vertical-plane car-couplings.....	50,951	Apr. 3	121	1663
National Malleable Castings Company, Cleveland, Ohio. Vertical-plane car-couplings.....	50,952	Apr. 3	121	1663
National Malleable Castings Company, Cleveland, Ohio. Vertical-plane car-couplings.....	52,916	May 22	122	1386
National Malleable Castings Company, Cleveland, Ohio. Railway-car castings.....	55,135	Aug. 7	123	1983

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
National Malleable Castings Company, Cleveland, Ohio, and Indianapolis, Ind. Railway-car castings.	53,103	May 29	122	1707
National Malleable Castings Company, Cleveland and Toledo, Ohio. Railway-car castings.	53,558	June 5	122	2054
National Malleable Castings Company, Cleveland and Toledo, Ohio. Journal-boxes for railway-cars.	57,754	Nov. 27	125	1342
National Malleable Castings Company, Cleveland and Toledo, Ohio. Journal-boxes for railway-cars.	57,755	Nov. 27	125	1342
National Malleable Castings Company, Cleveland, Ohio, and Sharon, Pa. Railway-car castings.	53,559	June 5	122	2054
National Medical Company, Sheldon, Iowa. Antiseptic germ, insect, and worm destroyer.	53,227	May 29	122	1712
National Medical Company, Sheldon, Iowa. Antiseptic germ, insect, and worm destroyer.	56,323	Sept. 11	124	619
National Musical String Co., New Brunswick N. J. Harmonicas.	52,432	May 8	122	720
National Needle Co., Springfield, Mass. Sewing-machine needles.	57,124	Nov. 6	125	342
National Oyster Carrier Company, Albuquerque, N. Mex. Ter. Containers for oysters, clams, fish, and other sea foods.	54,719	June 26	122	3007
National Pipe Bending Company, New Haven, Conn. Feed-water heaters.	52,871	May 22	122	1384
National Remedy Company, New York, N. Y. Remedies for diseases of the throat and lungs.	54,980	Aug. 7	123	1978
National Remedy Company, New York, N. Y. Nerve and brain food.	55,769	Aug. 21	123	2615
National Remedy Company, New York, N. Y. Hair-preservative.	55,770	Aug. 21	123	2615
National Remedy Company, New York, N. Y. Specific for malaria.	55,771	Aug. 21	123	2615
National Remedy Company, New York, N. Y. Medicinal oil or liniment.	55,772	Aug. 21	123	2615
National Remedy Company, New York, N. Y. Remedy for certain named diseases.	55,773	Aug. 21	123	2615
National Remedy Company, New York, N. Y. Specific for worms.	55,774	Aug. 21	123	2615
National Remedy Company, New York, N. Y. Fluid extract of sarsaparilla.	56,047	Aug. 21	123	2623
National School of Salesmanship, Minneapolis, Minn. Books on salesmanship.	52,078	May 1	122	341
National School of Salesmanship, Minneapolis, Minn. Books on salesmanship.	52,303	May 8	122	714
National School of Salesmanship, Minneapolis, Minn. Books on salesmanship.	52,934	May 22	122	1387
National Soap Co., Detroit, Mich. Soap.	53,958	June 19	122	2675
National Specialty Manufacturing Co., Philadelphia, Pa. Sausage-stuffers and lard-presses.	49,867	Feb. 20	120	2436
National Specialty Manufacturing Company, Philadelphia, Pa. Coffee-grinders.	50,474	Mar. 20	121	1004
National Spring Bed Company, New Britain, Conn. Bed-bottoms and bedsteads.	48,832	Jan. 16	120	893
National Sweeper Co., Marion, Ind. Carpet-sweepers.	58,526	Dec. 18	125	2355
National Sweeper Co., Marion, Ind. Carpet-sweepers.	58,527	Dec. 18	125	2355
National Sweeper Co., Marion, Ind. Carpet-sweepers.	58,528	Dec. 18	125	2355
National Sweeper Co., Marion, Ind. Carpet-sweepers.	58,529	Dec. 18	125	2355
National Toilet Company, Paris, Tenn. Cream ointments.	49,589	Feb. 13	120	2116
Natural Food Company, Niagara Falls, N. Y. Biscuit or crackers.	52,858	May 22	122	1384
Natural Food Company, Niagara Falls, N. Y. Biscuit or crackers.	52,961	May 22	122	1388
Naumkeag Steam Cotton Co., Salem, Mass. Cotton sheetings.	56,731	Oct. 16	124	2173
Naumkeag Steam Cotton Co., Salem, Mass. Cotton sheetings.	56,775	Oct. 16	124	2174
Navaho Indian Medicine Co., Jonesboro, Ark. Remedy for certain named diseases.	56,647	Oct. 16	124	2171
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	53,703	June 12	122	2377
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	53,704	June 12	122	2377
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	53,705	June 12	122	2377
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	53,706	June 12	122	2377
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	53,707	June 12	122	2377
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	54,434	June 26	122	2995
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.	56,420	Sept. 25	124	1201
Nave-McCord Mercantile Company, St. Joseph, Mo. Coffee.	56,074	Aug. 21	123	2623
Nave-McCord Mercantile Company, St. Joseph, Mo. Coffee.	56,075	Aug. 21	123	2623
Nave-McCord Mercantile Company, St. Joseph, Mo. Pancake-flour.	58,196	Dec. 11	125	2038
Nazareth Waist Co., Reading, Pa., and New York, N. Y. Children's underwaists.	51,328	Apr. 10	121	1973
Neagle, James H., Oakland, Cal. Medicine for certain named diseases.	49,536	Feb. 6	120	1819
Noble, Alexander L., Brooklyn, N. Y. Ice-cream.	55,335	Aug. 14	123	2301
Neckelmann Hnos., Valparaiso and Concepcion, Chile. Shears and scissors.	57,260	Nov. 6	125	345
Neer, Elizabeth A., Paterson, N. J. Liquid remedy.	48,689	Jan. 9	120	650
Neil, Robert H., Cincinnati, Ohio. Fruit-juices.	55,217	Aug. 7	123	1985
Nelson Distilling Co., St. Louis, Mo. Whisky.	48,590	Jan. 2	120	320
Nelson Distilling Co., St. Louis, Mo. Whisky.	53,891	June 12	122	2384
Nelson Distilling Co., St. Louis, Mo. Whisky.	58,034	Dec. 4	125	1693
Nelson Distilling Co., St. Louis, Mo. Whisky.	58,066	Dec. 4	125	1694
Nelson, Louisa, Nashville, Tenn. Whisky.	49,775	Feb. 13	120	2123
Nelson, Louisa, Nashville, Tenn. Whisky.	51,195	Apr. 10	121	1967
Nelson, Louisa, Nashville, Tenn. Whisky.	52,212	May 1	122	347
Nelson, Louisa, Nashville, Tenn. Whisky.	58,027	Dec. 4	125	1693
Nelson, Nathaniel M., Haverhill, Mass. Leather boots and shoes.	52,812	May 15	122	1041
Neostyle Company, New York, N. Y. Duplicating-ink.	53,787	June 12	122	2380
Neostyle Company, New York, N. Y. Stencil-duplicating machines and parts thereof.	54,288	June 26	122	2989
Nesbit, David M., London, England. Certain named separators.	55,902	Aug. 21	123	2619
Nesmith, Jeannette W., Denver, Colo. Remedies for certain named diseases.	58,766	Dec. 25	125	2753
Nesmith Shoe Company, Brockton and Boston, Mass. Leather boots and shoes.	50,134	Mar. 6	121	328
Nestor Gianaclis Company, Boston, Mass. Cigarettes and tobacco for cigarettes.	54,790	July 31	123	1657
Nestor Gianaclis Company, Boston, Mass. Cigarettes and tobacco for cigarettes.	54,791	July 31	123	1657
Neumer, Ferdinand, New York, N. Y. Ale, porter, and half-and-half.	57,251	Nov. 6	125	345
Neumeyer & Dimond, New York, N. Y. Scissors.	55,903	Aug. 21	123	2619
Neurhrer, Julius, Newark, N. J. Biscuits.	52,213	May 1	122	347
Neuss, Hessel & Co., New York, N. Y. Bleached, gray, printed, and fancy damasks.	53,892	June 12	122	2384
Neuss, Hessel & Co., New York, N. Y. Bleached, gray, printed, and fancy damasks.	54,560	June 26	122	3000
Neuss, Hessel & Co., New York, N. Y. Cotton piece goods and blankets.	56,324	Sept. 11	124	619
Neuss, Hessel & Co., New York, N. Y. Cotton piece goods and blankets.	56,325	Sept. 11	124	619
Neuss, Hessel & Co., New York, N. Y. Cotton piece goods and blankets.	56,399	Sept. 18	124	902
Neuss, Hessel & Co., New York, N. Y. Cotton piece goods and blankets.	56,576	Oct. 9	124	1837
Nevermyss Fire Extinguisher Company, Middletown, N. Y. Fire-extinguisher in powdered form.	52,788	May 15	122	1040
Neverslip Manufacturing Company, New Brunswick, N. J. Horseshoes and calks.	52,917	May 22	122	1386
Neverslip Manufacturing Company, New Brunswick, N. J. Horseshoe-calks.	56,965	Oct. 30	124	2895
Neverslip Manufacturing Company, New Brunswick, N. J. Horseshoes.	57,756	Nov. 27	125	1342
New Century Milling Company, Dallas, Tex. Wheat-flour.	56,830	Oct. 23	124	2527
New Columbia Shirt Co., New York, N. Y. Shirts, collars, and cuffs.	51,594	Apr. 17	121	2320
New Columbia Shirt Co., New York, N. Y. Shirts, collars, and cuffs.	51,770	Apr. 24	121	2653
New Columbia Shirt Co., New York, N. Y. Shirt fabrics.	56,666	Oct. 16	124	2171
New Departure Manufacturing Company, Bristol, Conn. Brakes for cycles and cycle-hubs.	57,917	Dec. 4	125	1690
New Departure Manufacturing Company, Bristol, Conn. Brakes for cycles and cycle-hubs.	57,918	Dec. 4	125	1690
New England Biscuit Company, Worcester, Mass. Lunch biscuit or cracker.	58,563	Dec. 18	125	2356
New England Box Co., Greenfield, Mass. Wooden boxes.	49,133	Jan. 23	120	1159
New England Brewing Company, Boston, Mass. Beer.	53,932	June 12	122	2386
New England Brewing Company, Boston, Mass. Malt wine.	54,116	June 19	122	2681
New England Brewing Company, Boston, Mass. Ale.	54,196	June 19	122	2684

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
New England Brewing Company, Boston, Mass. Ale	54,435	June 26	122	2995
New England Confectionery Co., Boston, Mass. Candy	49,239	Jan. 30	120	1469
New England Confectionery Co., Boston, Mass. Chocolate drops	49,294	Jan. 30	120	1471
New England Confectionery Co., Boston, Mass. Candy	49,295	Jan. 30	120	1471
New England Confectionery Co., Boston, Mass. Lozenges	50,475	Mar. 20	121	1004
New England Confectionery Co., Portland, Me., and Boston, Mass. Candy	55,401	Aug. 14	123	2302
New England Newspaper Publishing Company, Boston, Mass. Daily newspaper	57,357	Nov. 13	125	655
New England Supply Co., Providence, R. I., and Philadelphia, Pa. Peanut-butter	58,893	Dec. 25	125	2757
New Era Milling Company, Arkansas City, Kans. Wheat-flour	57,225	Nov. 6	125	344
New Hammondsport Wine Company, Hammondsport, N. Y. Wines, both still and sparkling	57,180	Nov. 6	125	343
New Hammondsport Wine Company, Hammondsport, N. Y. Wines, both still and sparkling	57,200	Nov. 6	125	344
New Haven Dairy Company, New Haven, Conn. Potato chips	57,720	Nov. 27	125	1341
New Iberia Extract of Tabasco Pepper Company Lt'd., New Iberia, La. Extract of tabasco pepper and catsup	58,894	Dec. 25	125	2757
New Jersey Car Spring & Rubber Co., Jersey City, N. J. Elastic tubing adapted for use as hose or packing	51,955	Apr. 24	121	2660
New Jersey Car Spring & Rubber Co., Jersey City, N. J. Hose	54,340	June 26	122	2991
New Jersey Wire Cloth Co., Trenton, N. J. Wire-netting, wire fencing, wire-cloth, and wire lathing	57,384	Nov. 13	125	656
New Jersey Wire Cloth Co., Trenton, N. J. Certain wire goods	58,687	Dec. 25	125	2751
New London Milling Company, New London and Willmar, Minn. Wheat-flour	51,036	Apr. 3	121	1666
New London Milling Company, New London and Willmar, Minn. Wheat-flour	55,296	Aug. 14	123	2300
New London Milling Company, New London, Minn. Wheat-flour	54,502	June 26	122	2998
New Orleans Coffee Co. Ltd., New Orleans, La. Molasses, syrup, and sorghum	58,609	Dec. 18	125	2357
New Orleans Coffee Co. Ltd., New Orleans, La. Molasses, syrup, and sorghum	58,654	Dec. 18	125	2359
New Orleans Coffee Co. Ltd., New Orleans, La. Molasses, syrup, and sorghum	58,655	Dec. 18	125	2359
New Orleans Coffee Co. Ltd., New Orleans, La. Molasses, syrup, and sorghum	58,656	Dec. 18	125	2359
New Orleans Coffee Co. Ltd., New Orleans, La. Molasses, syrup, and sorghum	58,657	Dec. 18	125	2355
New Orleans Coffee Co., Ltd., New Orleans, La. Roasted and ground coffee	49,057	Jan. 23	120	1157
New Orleans Coffee Co., Ltd., New Orleans, La. Coffee	50,446	Mar. 20	121	1003
New Orleans Coffee Co. Ltd., New Orleans, La. Laundry starch	52,304	May 8	122	714
New Orleans Coffee Co. Ltd., New Orleans, La. Roasted and ground coffee	53,130	May 29	122	1708
New Orleans Coffee Co. Ltd., New Orleans, La. Laundry starch	54,576	June 26	122	3001
New Orleans Import Co., Limited, New Orleans, La. Mixed teas	53,492	June 5	122	2052
New Orleans Import Co., Limited, New Orleans, La. Mixed teas	53,493	June 5	122	2052
New Orleans Import Co., Limited, New Orleans, La. Teas	55,184	Aug. 7	123	1984
New Process Raw Hide Co., Syracuse, N. Y. Specially-prepared rawhide	52,275	May 8	122	713
New Process Yeast Co., Chicago, Ill. Yeast	53,759	June 12	122	2379
New Publication Company, New York, N. Y. Monthly magazine	55,689	Dec. 25	125	2751
New Winona Mfg. Co., Winona, Minn. Grinding-mills	53,639	June 5	122	3058
New York Blind and Transom Adjuster Company, New York, N. Y. Transom-adjusters	57,467	Nov. 13	125	658
New York Blind and Transom Adjuster Company, New York, N. Y. Blind-adjusters	57,468	Nov. 13	125	658
New York Central Iron Works Co., Geneva, N. Y. Steam and hot-water boilers for heating purposes	53,729	June 12	122	2378
New York Coffee Company, New York, N. Y. Coffee	56,076	Aug. 21	123	2623
New York Coffee Company, New York, N. Y., and New Orleans, La. Tea	57,601	Nov. 13	125	662
New York Coffee Company, New York, N. Y., and New Orleans, La. Pepper	57,721	Nov. 27	125	1341
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,531	Jan. 2	120	318
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,532	Jan. 2	120	318
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,561	Jan. 2	120	319
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,562	Jan. 2	120	319
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,563	Jan. 2	120	319
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,564	Jan. 2	120	319
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,733	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,734	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,735	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,736	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,737	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,738	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,739	Jan. 9	120	651
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,762	Jan. 9	120	652
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,763	Jan. 9	120	652
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,764	Jan. 9	120	653
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,765	Jan. 9	120	653
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,766	Jan. 9	120	653
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,767	Jan. 9	120	653
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,768	Jan. 9	120	653
New York Consolidated Card Company, New York, N. Y. Playing-cards	48,769	Jan. 9	120	653
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,103	Jan. 23	120	1158
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,104	Jan. 23	120	1158
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,105	Jan. 23	120	1158
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,106	Jan. 23	120	1158
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,107	Jan. 23	120	1158
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,108	Jan. 23	120	1158
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,109	Jan. 23	120	1159
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,110	Jan. 23	120	1159
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,111	Jan. 23	120	1159
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,413	Feb. 6	120	1814
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,414	Feb. 6	120	1814
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,415	Feb. 6	120	1814
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,416	Feb. 6	120	1815
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,417	Feb. 6	120	1815
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,418	Feb. 6	120	1815
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,742	Feb. 13	120	2122
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,840	Feb. 20	120	2435
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,841	Feb. 20	120	2435
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,842	Feb. 20	120	2435
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,843	Feb. 20	120	2435
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,889	Feb. 20	120	2437
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,936	Feb. 27	120	2745
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,937	Feb. 27	120	2745
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,938	Feb. 27	120	2745
New York Consolidated Card Company, New York, N. Y. Playing-cards	49,939	Feb. 27	120	2745
New York Consolidated Card Company, New York, N. Y. Playing-cards	50,024	Feb. 27	120	2748
New York Consolidated Card Company, New York, N. Y. Playing-cards	50,025	Feb. 27	120	2748
New York Consolidated Card Company, New York, N. Y. Playing-cards	50,061	Feb. 27	120	2750
New York Consolidated Card Company, New York, N. Y. Playing-cards	50,073	Mar. 6	121	325

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,074	Mar. 6	121	325
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,075	Mar. 6	121	325
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,076	Mar. 6	121	325
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,077	Mar. 6	121	325
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,106	Mar. 6	121	328
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,107	Mar. 6	121	328
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,108	Mar. 6	121	328
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,109	Mar. 6	121	327
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,110	Mar. 6	121	327
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,111	Mar. 6	121	327
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,112	Mar. 6	121	327
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,113	Mar. 6	121	327
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	50,114	Mar. 6	121	327
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	51,449	Apr. 17	121	2314
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	51,450	Apr. 17	121	2314
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	51,475	Apr. 17	121	2315
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	51,847	Apr. 24	121	2656
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,014	May 1	122	339
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,015	May 1	122	339
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,016	May 1	122	339
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,017	May 1	122	339
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,018	May 1	122	339
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,019	May 1	122	339
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,491	May 8	122	722
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,552	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,553	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,554	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,555	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,556	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,557	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,558	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	52,559	May 15	122	1031
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,052	May 22	122	1392
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,053	May 22	122	1392
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,054	May 22	122	1392
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,131	May 29	122	1708
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,406	June 5	122	2048
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,426	June 5	122	2049
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,427	June 5	122	2049
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	53,442	June 5	122	2050
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	54,451	June 26	122	2996
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	54,452	June 26	122	2996
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	54,623	June 26	122	3002
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	54,836	July 31	123	1658
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	55,508	Aug. 14	123	2305
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	55,509	Aug. 14	123	2305
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	57,104	Nov. 6	125	341
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	57,105	Nov. 6	125	341
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	57,150	Nov. 6	125	342
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	57,169	Nov. 6	125	343
New York Consolidated Card Company, New York, N. Y. Playing-cards.....	57,170	Nov. 6	125	343
New York Evening Journal Publishing Company, New York, N. Y. Daily newspaper.....	57,358	Nov. 13	125	655
New York Gas Tubing Company, New York, N. Y. Flexible gas-tubing.....	51,476	Apr. 17	121	2315
New York Glucose Co., New York, N. Y. Laundry starch.....	50,419	Mar. 13	121	684
New York Glucose Co., New York, N. Y. Corn-starch or corn-flour.....	52,214	May 1	122	347
New York Herald Company, New York, N. Y. Comic section of newspapers.....	49,499	Feb. 6	120	1818
New York Herald Company, New York, N. Y. Comic sections or pages of newspapers.....	54,720	June 26	122	3007
New York House Furnishing Goods Company. (See Brown, Norman A., assignor.)				
New York Insulated Wire Company, New York, N. Y. Insulated wire and adhesive tapes com- monly used for insulating.....	52,337	May 8	122	716
New York Insulated Wire Company, New York, N. Y. Insulated wire and insulating-tapes.....	53,666	June 12	122	2375
New York Leather Belting Co., New York, N. Y. Canvas stitched and balata belting.....	49,479	Feb. 6	120	1817
New York Leather Belting Co., New York, N. Y. Lace-leather.....	49,934	Feb. 27	120	2745
New York Leather Belting Co., New York, N. Y. Belt-cement.....	51,246	Apr. 10	121	1969
New York Merchandise Company, New York, N. Y. Ribbon.....	55,121	Aug. 7	123	1982
New York & New Jersey Lubricant Co., Plainfield, N. J., and New York, N. Y. Lubricating-oils and lubricating-oil compositions or greases.....	56,809	Oct. 16	124	2175
New York Standard Watch Co., Jersey City, N. J. Watches, watchcases, watch-movements, and parts thereof.....	52,839	May 22	122	1383
Newark Lime & Cement M'fg Co., Newark, N. J., and Rondout, N. Y. Natural-rock or hydraulic cement, lime, and plaster.....	48,644	Jan. 9	120	648
Newark Watch Case Material Co., Newark, N. J. Watch-insulators.....	57,722	Nov. 27	125	1341
Newbold, David M., Jr., Baltimore, Md. Monthly periodical.....	56,776	Oct. 16	124	2174
Newell, Clarence D., New York, N. Y. Printed cotton duck.....	58,688	Dec. 25	125	2751
Newell, Robert L., Union, Nebr. Tooth-cleaning paste.....	55,904	Aug. 21	123	2619
Newman, William J., Boston, Mass. Leather boots and shoes.....	51,150	Apr. 3	121	1671
Newton Milling & Elevator Company, Newton, Kans. Wheat-flour.....	58,197	Dec. 11	125	2038
Newton Milling & Elevator Company, Newton, Kans. Wheat-flour.....	58,410	Dec. 11	125	2043
Newton Milling & Elevator Company, Newton, Kans. Wheat-flour.....	58,411	Dec. 11	125	2043
Niagara Machine & Tool Works, Buffalo, N. Y. Certain named sheet-metal-working machines.....	58,232	Dec. 11	125	2039
Nichols, Howard E., St. Louis, Mo. Hair tonics, stains, removers, and dandruff cures.....	53,933	June 12	122	2386
Nicholson File Company, Providence, R. I. Files and rasps and holders and handles therefor.....	49,410	Feb. 6	120	1814
Nicholson File Company, Providence, R. I. Files and rasps.....	49,411	Feb. 6	120	1814
Nicholson File Company, Providence, R. I. Files and rasps.....	49,412	Feb. 6	120	1814
Nicholson File Company, Providence, R. I. Files and rasps.....	49,666	Feb. 13	120	2119
Nicholson File Company, Providence, R. I. Files and rasps.....	50,136	Mar. 6	121	328
Nicholson File Company, Providence, R. I. Files, rasps, and handles and holders therefor.....	50,137	Mar. 6	121	328
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor.....	50,880	Apr. 3	121	1660
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor.....	50,881	Apr. 3	121	1660
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor.....	50,882	Apr. 3	121	1660
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor.....	50,883	Apr. 3	121	1660
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor.....	50,905	Apr. 3	121	1661
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor.....	50,906	Apr. 3	121	1661
Nicholson File Company, Providence, R. I., and Beaver Falls, Pa. Files and rasps.....	50,135	Mar. 6	121	328
Nickerson, L. C., Denver, Colo. Ointment.....	51,940	Apr. 24	121	2659
Nicolay & Co., Zurich, Switzerland. Ferruginous preparation.....	54,341	June 26	122	2991

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Nicolay & Co., Zurich, Switzerland. Medicine for the blood.....	55,701	Aug. 21	123	2614
Nicolay & Co., Hanau, Germany. Ferruginous preparation.....	58,412	Dec. 11	125	2043
Niemann, Hermeria A., Philadelphia, Pa. Odorless chemical fertilizer compound.....	57,739	Nov. 27	125	1341
Nierhaus, John, Baltimore, Md. Remedy for consumption.....	55,644	Aug. 21	123	2612
Niles Tool Works Co., Hamilton, Ohio. Filter-presses.....	55,986	Aug. 21	123	2621
Ninety Six Cotton Mill, Ninety Six, S. C. Cotton piece goods.....	53,560	June 5	122	2054
Nistle, Frank P., Reading, Pa. Pretzels.....	58,198	Dec. 11	125	2038
Nitedals Tændstikfabrik, Grönvold, Ostre Akor, and Christiania, Norway. Safety-matches.....	58,313	Dec. 11	125	2041
Nitedals Tændstikfabrik, Christiania, Norway. Safety-matches.....	58,540	Dec. 18	125	2356
Nitedals Tændstikfabrik, Grönvold and Christiania, Norway. Safety-matches.....	58,658	Dec. 18	125	2359
Nitzsche, Hugo, St. Louis, Mo. Cigars.....	56,542	Oct. 2	124	1518
Nitzsche, Hugo, St. Louis, Mo. Cigars.....	56,793	Oct. 16	124	2175
Nixie Cough Co., York, Pa. Specific for certain named diseases.....	54,981	Aug. 7	123	1979
No Name Hat M'fg. Co., Orange, N. J. Soft and stiff fur-felt hats.....	48,506	Jan. 2	120	317
Nobels Explosives Co. Ltd., Glasgow, Scotland. Gunpowder.....	57,997	Dec. 4	125	1692
Nobel's Explosives Company Limited, Glasgow, Scotland. Explosives.....	51,566	Apr. 17	121	2318
Noeling-Looker Laxative Food Company, Akron, Ohio. Certain named medicine.....	56,619	Oct. 9	124	1838
Noelle, Gebr., Lüdenscheid, Germany. Knives, forks, and spoons made of Britannia metal.....	50,984	Apr. 3	121	1664
Non-Corrosive Coating Co., Connellsville, Pa. Soldering fluid.....	50,821	Apr. 3	121	1657
Nonotuck Silk Company, Florence and Boston, Mass. Thread.....	50,194	Mar. 6	121	330
Norddeutsche Kartoffelmehl-Fabrik mit Beschränkter Haftung, Küstrin, Germany. Dextrin.....	48,665	Jan. 9	120	649
Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung, Cüstrin, Germany. Starch and dextrin.....	49,667	Feb. 13	120	2119
Norddeutsche Kartoffelmehl-Fabrik mit Beschränkter Haftung, Cüstrin, Germany. Potato-flour, potato-starch, and dextrin.....	49,911	Feb. 20	120	2437
Norden, Hermann, New York, N. Y. Cotton sheeting.....	56,326	Sept. 11	124	619
Nordenholz, Ernest E., Baltimore, Md. Whisky.....	50,656	Mar. 27	121	1338
Nordstjernan Publishing Co., New York, N. Y. Weekly newspapers.....	55,905	Aug. 21	123	2619
Norfolk Loom Picker Co., Norfolk, Va. Loom-pickers.....	49,868	Feb. 20	120	2436
Norfolk Novelty Corporation, Norfolk, Va. Burglar-alarms.....	52,367	May 8	122	717
Norfolk Silk Company, Paterson, N. J., and Norfolk, Va. Dress-silks.....	51,870	Apr. 24	121	2657
Norfolk Silk Company, Paterson, N. J., and Norfolk, Va. Dress-silks.....	51,871	Apr. 24	121	2657
Norris, Alfred E., Philadelphia, Pa. Whisky.....	49,019	Jan. 23	120	1155
Norris & Christian Stone & Lime Co., Marion, Ohio. Lime.....	51,406	Apr. 17	121	2312
Norris Sash Pulley Company, Baltimore, Md. Sash-pulleys.....	50,822	Apr. 3	121	1657
North American Metaline Co., Long Island City, N. Y. Metal bearings, bushings, and journals.....	51,247	Apr. 10	121	1969
North, Ellen H., Geneseo, N. Y. Jams, jellies, preserves, and pickles.....	55,829	Aug. 21	123	2617
Northfield Knife Company, Northfield, Conn. Pocket-knives and razors.....	54,877	July 31	123	1660
Northwestern Consolidated Milling Co., Minneapolis, Minn. Wheat-flour.....	54,503	June 26	122	2998
Northwestern Consolidated Milling Company, Minneapolis, Minn. Wheat-flour.....	48,462	Jan. 2	120	315
Northwestern Consolidated Milling Company, Minneapolis, Minn. Wheat-flour.....	48,463	Jan. 2	120	315
Northwestern Consolidated Milling Company, Minneapolis, Minn. Wheat-flour.....	48,464	Jan. 2	120	315
Northwestern Consolidated Milling Company, Minneapolis, Minn. Wheat-flour.....	56,463	Sept. 25	124	1202
Northwestern Hide & Fur Co., Minneapolis, Minn. Pelts, hides, skins, and furs.....	57,125	Nov. 6	125	342
Northwestern Knitting Company, Minneapolis, Minn. Knit underwear.....	49,004	Jan. 16	120	899
Norton Emery Wheel Company, Worcester, Mass. Scythe-stones, abrasive stones, and hones.....	54,792	July 31	123	1657
Norwall Manufacturing Company, Chicago, Ill. Air-vent valves for radiators.....	56,852	Oct. 23	124	2528
Norwich Pharmaceutical Company, New York, N. Y. Succedaneum for cod-liver oil.....	50,026	Feb. 27	120	2749
Norwich Pharmacal Company, Norwich, N. Y. Reconstructive food and tonic.....	53,353	May 29	122	1717
Nostrand Trading Co., New York, N. Y. Extract of sarsaparilla.....	52,813	May 15	122	1041
Nostrand Trading Co., New York, N. Y. Extract of sarsaparilla.....	52,814	May 15	122	1041
Nostrand Trading Co., New York, N. Y. Extract of sarsaparilla.....	52,815	May 15	122	1041
Noyes & Company, Joseph P., Binghamton, N. Y. Combs.....	51,941	Apr. 24	121	2659
Nuhring, Charles, Cincinnati, Ohio. Machinery-packing.....	52,983	May 22	122	1389
Nuhring, Charles, Cincinnati, Ohio. Unlined linen fire-hose.....	55,402	Aug. 14	123	2302
Nungesser Electric Battery Co., Cleveland, Ohio. Dry batteries.....	51,821	Apr. 24	121	2655
Nusbaum, Samuel, Albany, N. Y. Bags.....	52,403	May 8	122	719
Nutrolactis Co., New York, N. Y. Tonic.....	48,705	Jan. 9	120	650
Nutter, Charles P., Boston, Mass. Check-protectors.....	54,878	July 31	123	1660
Nuyens & Cie., Bordeaux, France. Apricot brandy.....	50,554	Mar. 20	121	1007
O. F. Egginton Co., Corning, N. Y. Cut-glass ware.....	49,036	Jan. 23	120	1156
O. K. Stock Food Company, Chicago, Ill. Remedies for live stock and poultry.....	58,767	Dec. 25	125	2753
O. K. Stock Food Company, Chicago, Ill. Prepared foods for live stock and poultry.....	58,895	Dec. 25	125	2757
O. W. Nottingham Co., (now New Century Toilet Company,) Martinsville, Ind. Tablets and writing-pads.....	55,906	Aug. 21	123	2619
O. W. Peirce Company, La Fayette, Ind. Wheat-flour.....	51,329	Apr. 10	121	1973
O. W. Peirce Company, La Fayette, Ind. Coffee.....	51,477	Apr. 17	121	2315
O. & W. Thum Company, Grand Rapids, Mich. Sticky fly-paper.....	57,537	Nov. 13	125	660
O. & W. Thum Company, Grand Rapids, Mich. Sticky preparation and sticky fly-paper.....	57,566	Nov. 13	125	661
O. & W. Thum Company, Grand Rapids, Mich. Sticky fly-paper.....	57,567	Nov. 13	125	661
O'Brien, Patrick T., Philadelphia, Pa. Whisky.....	58,924	Dec. 25	125	2757
O'Bryan Bros., Nashville, Tenn. Coats, vests, trousers, and overalls.....	53,255	May 29	122	1713
O'Callaghan & Fedden, New York, N. Y. Hosiery.....	50,156	Mar. 6	121	328
O'Callaghan & Fedden, New York, N. Y. Hosiery.....	52,158	May 1	122	345
O'Donald & Co., C. R., Boston, Mass. Dress goods and cloakings.....	48,623	Jan. 9	120	647
O'Keefe, Thomas E., Oswego, N. Y. Whisky.....	50,658	Mar. 27	121	1338
O'Keefe, Thomas E., Oswego, N. Y. Whisky.....	54,453	June 26	122	2996
O'Keefe, Thomas E., Oswego, N. Y. Whisky.....	53,830	Aug. 21	123	2617
O'Keefe, Thomas E., Oswego, N. Y. Whisky.....	56,526	Oct. 2	124	1518
O'Neill, Lawrence A., Holyoke, Mass. Bread.....	55,218	Aug. 7	123	1985
O'Toole, James F., Baltimore, Md. Whisky.....	58,868	Dec. 25	125	2756
Oakes & Burger, Cattaraugus, N. Y. Milk-cans.....	51,905	Apr. 24	121	2058
Oakes & Co., Thos., Bloomfield, N. J. Suitings for men and boys.....	49,240	Jan. 30	120	1469
Obernauer, Herman, Pittsburg, Pa. Wines.....	58,564	Dec. 18	125	2356
Oberndorfer, Joseph, Salt Lake City, Utah. Laundry tablets.....	57,898	Dec. 4	125	1689
Odell, Theodore F., Nyack, N. Y. Cement composition.....	58,836	Dec. 25	125	2755
Odum, James L., Lester, S. C. Remedies for the cure of rheumatism and similar diseases.....	55,087	May 22	122	1393
Oehm & Co., Baltimore, Md. Coats, overcoats, pants, and vests.....	52,159	May 1	122	345
Offertinger, Henry T., Washington, D. C. Cigars.....	48,803	Jan. 16	120	892
Offertinger, Henry T., Washington, D. C. Cigars.....	50,657	Mar. 27	121	1338
Ogilvie, Glencairn S., Woodbridge, England. Vehicle-wheels.....	57,919	Dec. 4	125	1690
Ohio Brass Company, Mansfield, Ohio. Insulating material.....	57,792	Nov. 27	125	1343
Ohio Cultivator Company, Bellevue, Ohio. Certain named agricultural machines.....	56,565	Oct. 9	124	1837
Ohio Cultivator Company, Bellevue, Ohio. Certain named agricultural machinery.....	57,757	Nov. 27	125	1342
Ohmer Fare Register Co., Dayton, Ohio. Ticket issuing and recording machines.....	50,823	Apr. 3	121	1657
Oil Seeds Company, New York, N. Y. Coconut-butter.....	54,624	June 26	122	3003

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Oklahoma Wholesale Grocer Co., Oklahoma, Okla. Ter. Roasted coffee.....	52,730	May 15	122	1038
Oklahoma Wholesale Grocer Co., Oklahoma, Okla. Ter. Spices.....	52,887	May 22	122	1385
Oklahoma Wholesale Grocer Co., Oklahoma, Okla. Ter. Flavoring extracts.....	54,625	June 26	122	3003
Oklahoma Wholesale Grocer Co., Oklahoma, Okla. Ter. Canned fish and canned oysters.....	57,602	Nov. 13	125	662
Okonite Company, Limited, New York, N. Y. Adhesive tape or cloth.....	48,515	Jan. 2	120	317
Okonite Company, Limited, New York, N. Y. Rubber insulating compound.....	50,139	Mar. 6	121	328
Okonite Company, Limited, New York, N. Y. Adhesive tape.....	53,523	June 5	122	2053
Old Bangor Slate Company, Bethlehem and Bangor, Pa. Roofing-slates.....	55,510	Aug. 14	123	2305
Old Hickory Chair Co., Martinsville, Ind. Rustic chairs, settees, tables, and stools.....	51,685	Apr. 24	121	2649
Old Kentucky Distillery, Louisville, Ky. Whisky.....	53,494	June 5	122	2052
Old Kentucky Distillery, Louisville, Ky. Whisky.....	53,495	June 5	122	2052
Old Kentucky Distillery, Louisville, Ky. Whisky.....	53,524	June 5	122	2053
Old Kentucky Distillery, Louisville, Ky. Whisky.....	53,604	June 5	122	2056
Old Kentucky Distillery, Louisville, Ky. Whisky.....	53,605	June 5	122	2056
Old Kentucky Distillery, Louisville, Ky. Whisky.....	55,702	Aug. 21	123	2614
Old "76" Distilling Co., Finchtown, Ky. Whisky.....	58,067	Dec. 4	125	1694
Old "76" Distilling Co., Finchtown, Ky. Whisky.....	58,498	Dec. 18	125	2354
Old "76" Distilling Co., Finchtown, Ky. Whisky.....	58,896	Dec. 25	125	2757
Old Times Distillery Company, Louisville, Ky. Whisky.....	48,591	Jan. 2	120	320
Old Town Canoe Co., Oldtown, Me. Canoes.....	57,385	Nov. 13	125	656
Old Veteran Rheumatic Cure Company, Adairville, Ky. Rheumatic cure.....	50,243	Mar. 6	121	332
Oldenburg, William J., New Orleans, La. Cures for corns, bunions, and warts.....	58,109	Dec. 4	125	1695
Oldfield, John M., Philadelphia, Pa. Remedy for the treatment and prevention of diseases peculiar to women.....	52,789	May 15	122	1040
Olds, Edward A., New York, N. Y. Tar soap.....	49,389	Feb. 6	120	1813
Olds, Edward A., New York, N. Y. Solid and liquid soaps.....	50,334	Mar. 13	121	681
Olds, Edward A., New York, N. Y. Soap.....	51,086	Apr. 3	121	1669
Olds, Edward A., New York, N. Y. Toilet and medicinal lotions.....	53,525	June 5	122	2053
Oliver Typewriter Company, Chicago, Ill. Type-writing machines and parts therefor.....	48,960	Jan. 16	120	898
Oliver Typewriter Company, Chicago, Ill. Type-writing machines.....	51,111	Apr. 3	121	1670
Oliver Typewriter Company, Chicago, Ill. Carbon or transfer paper.....	56,620	Oct. 9	124	1839
Olney & McDaid, Clinton, Iowa. Liniment.....	57,868	Nov. 27	125	1345
Olympia Brewing Co., Olympia, Wash. Lager-beer.....	51,997	May 1	122	338
Omnes, Charles L. M., Paris, France. Tonic and strengthening compounds.....	55,775	Aug. 21	123	2616
Oneida Community Limited, Kenwood, N. Y. Canned fruits and vegetables.....	58,610	Dec. 18	125	2357
Oneida Hosiery Company, Oneida, N. Y. Hosiery.....	50,943	Apr. 3	121	1662
Openhym & Sons, Wm., New York, N. Y. Velveteens, corduroys, and other cotton-velvet fabrics.....	50,944	Apr. 3	121	1662
Openhym & Sons, Wm., New York, N. Y. Velvet ribbons.....	51,686	Apr. 24	121	2649
Openhym & Sons, Wm., New York, N. Y. Velveteens and corduroys.....	51,713	Apr. 24	121	2650
Oppenheimer, Ely, Cincinnati, Ohio. Whisky.....	54,676	June 26	122	3005
Oppenheimer, Seasongood, Guiterman & Co., Cincinnati, Ohio. Coats, vests, and pants.....	58,541	Dec. 18	125	2356
Oppenheimer's Sons, Lewis, Philadelphia, Pa. Men's suspenders.....	48,507	Jan. 2	120	317
Oppenheimer's Sons, Lewis, Philadelphia, Pa. Men's garters.....	48,508	Jan. 2	120	317
Orangeburg Mfg. Co., Orangeburg, S. C. Sheetings and drillings.....	56,621	Oct. 9	124	1839
Ordway, Aaron P., New York, N. Y. Bitters.....	52,468	May 8	122	721
Ordway, Aaron P., New York, N. Y. Plasters.....	58,110	Dec. 4	125	1695
Oregon Importing Co., Portland, Oreg. Whisky.....	48,592	Jan. 2	120	321
Oregon Nursery Company Limited, Salem, Oreg. Fruit-trees, buds, and scions therefor.....	50,621	Mar. 27	121	1336
Oregon Nursery Company Limited, Salem, Oreg. Fruit-trees, buds, and scions thereof.....	55,312	Aug. 14	123	2300
Ores & Metals Publishing Co., Denver, Colo. Magazine or periodical.....	58,413	Dec. 11	125	2043
Oriental Liquor Company, Peoria, Ill. Whisky.....	58,015	Dec. 4	125	1692
Oriental Liquor Company, Peoria, Ill. Wine.....	58,035	Dec. 4	125	1693
Original Farmers Coal Company, Kansas City, Mo. Coal.....	55,548	Aug. 14	123	2306
Orrine Company of the District of Columbia, Washington, D. C. Medicines for the cure of alcoholic and drug habits.....	53,354	May 29	122	1717
Oscar Onken Co., Cincinnati, Ohio. Certain named furniture.....	52,276	May 8	122	713
Oshkosh Clothing Manufacturing Company, Oshkosh, Wis. Overalls, blouses, coats, vests, and trousers.....	48,509	Jan. 2	120	317
Oshkosh Grass Matting Co., Oshkosh, Wis. Rugs, art squares, and matting made of grass twine.....	51,533	Apr. 17	121	2317
Oshkosh Grass Matting Co., Oshkosh, Wis. Rugs, art squares, and matting made of grass twine.....	51,906	Apr. 24	121	2658
Ostasiatische Handels-Gesellschaft, Hamburg, Germany. Rubber boots, shoes, and galoshes.....	54,475	June 26	122	2997
Ostby and Barton Co., Providence, R. I. Finger-rings.....	57,296	Nov. 13	125	654
Ostermayer, Philipp, Jersey City, N. J. Heel-ball, black-ball, and polishing wax for shoemakers' use.....	52,215	May 1	122	347
Ostermoor & Co., New York, N. Y. Prepared cotton.....	51,687	Apr. 24	121	2649
Oswego Maize Products Co., Oswego, N. Y. Laundry starch.....	54,173	June 19	122	2684
Ott, Francis S., Sacramento, Cal. Remedy for malaria, chills, and fever.....	51,354	Apr. 10	121	1972
Ottenheimer, Alfred, New York, N. Y. Corsets.....	53,561	June 5	122	2054
Ottenheimer & Sons, E., Louisville, Ky. Baking-powder.....	53,466	June 5	122	2051
Otto Gas Engine Works, Philadelphia, Pa. Gas and gasoline engines.....	50,486	Mar. 20	121	1005
Otto Huber Brewery, Brooklyn, N. Y. Malt extracts.....	48,690	Jan. 9	120	650
Otto Huber Brewery, Brooklyn, N. Y. Malt extract.....	51,872	Apr. 24	121	2657
Otto Marmet Coal & Mining Company, Raymond City, W. Va. Coal.....	56,547	Oct. 2	124	1518
Ouerbacker Gilmore Co., Louisville, Ky. Coffee.....	55,703	Aug. 21	123	2614
Outing Publishing Company, Deposit, N. Y. Magazines.....	53,496	June 5	122	2052
Overholt & Co., A., Pittsburg, Pa. Whisky.....	52,183	May 1	122	346
Overholt & Co., A., Pittsburg, Pa. Whisky.....	56,876	Oct. 23	124	2528
Owl Drug Co., San Francisco, Cal. Medical compounds.....	51,942	Apr. 24	121	2659
Owl's Head Creamery Company, Enosburg Falls, Vt. Butter.....	53,008	May 22	122	1390
Oxygen Chemical Company. (See W. L. Milner & Company, assignor.)				
Ozone-Vanillin Co., Niagara Falls, N. Y. Vanillin.....	58,152	Dec. 4	125	1696
P. Hohenadel, Jr., Canning Co., Rochelle, Ill. Canned corn.....	51,040	Apr. 3	121	1667
P. Hohenadel, Jr., Co., Janesville, Wis. Canned corn.....	51,039	Apr. 3	121	1666
P. Rielly & Son, Newark, N. J. Buffed leather.....	48,828	Jan. 16	120	893
P. Rielly & Son, Newark, N. J. Chrome-tanned leather.....	50,592	Mar. 27	121	1335
P. C. Murphy Trunk Company, St. Louis, Mo. Trunks, valises, and satchels.....	52,368	May 8	122	717
P. H. & F. M. Roots Co., Connerville, Ind. Rotary blowers.....	58,986	Dec. 25	125	2759
P. J. Bowlin Liquor Co., St. Paul, Minn. Whisky.....	48,827	Jan. 16	120	893
P. J. Bowlin Liquor Co., St. Paul, Minn. Whisky.....	50,014	Feb. 27	120	2748
P. J. Bowlin Liquor Co., St. Paul, Minn. Wine.....	50,101	Mar. 6	121	326
P. J. Bowlin Liquor Co., St. Paul, Minn. Whisky.....	50,185	Mar. 6	121	330
P. J. Bowlin Liquor Co., St. Paul, Minn. Wine.....	50,420	Mar. 13	121	685
P. J. Bowlin Liquor Co., St. Paul, Minn. Brandy.....	51,037	Apr. 3	121	1666
P. J. Bowlin Liquor Co., St. Paul, Minn. Brandy.....	51,038	Apr. 3	121	1666
P. J. Bowlin Liquor Co., St. Paul, Minn. Rock and rye.....	51,567	Apr. 17	121	2312
P. J. Bowlin Liquor Co., St. Paul, Minn. Rock and rye.....	52,650	May 15	122	1035

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
P. J. Bowlin Liquor Co., St. Paul, Minn. Brandy	53,055	May 22	122	1392
P. J. Bowlin Liquor Co., St. Paul, Minn. Whisky	54,117	June 19	122	2682
P. J. Bowlin Liquor Co., St. Paul, Minn. Wines	56,648	Oct. 16	124	2171
P. R. Warren Company, Boston, Mass. Paper linings for boxes	57,920	Dec. 4	125	1690
Paas Dye Co., Newark, N. J. Dyes	50,727	Mar. 27	121	1341
Paas Dye Co., Newark, N. J. Dyes	50,728	Mar. 27	121	1341
Paas Dye Co., Newark, N. J. Transfer-papers	56,808	Oct. 16	124	2175
Paas Dye Co., Newark, N. J. Transfer-papers	57,516	Nov. 13	125	660
Pabst Brewing Company, Milwaukee, Wis. Beer	49,975	Feb. 27	120	2746
Pabst Brewing Company, Milwaukee, Wis. Beer	55,858	Aug. 21	123	2618
Pabst Brewing Company, Milwaukee, Wis. Beer	57,226	Nov. 6	125	344
Pabst Brewing Company, Milwaukee, Wis. Malt tonic	57,333	Nov. 13	125	655
Pabst Brewing Company, Milwaukee, Wis. Beer	57,334	Nov. 13	125	655
Pabst Brewing Company, Milwaukee, Wis. Extract of malt and hops	57,335	Nov. 13	125	655
Pabst Brewing Company, Milwaukee, Wis. Malt tonic	57,336	Nov. 13	125	655
Pabst Brewing Company, Milwaukee, Wis. Malt tonic	57,343	Nov. 13	125	655
Pabst Brewing Company, Milwaukee, Wis. Beer	57,998	Dec. 4	125	1692
Pabst Brewing Company, Milwaukee, Wis. Beer	57,999	Dec. 4	125	1692
Pacific Coast Borax Company, San Francisco, Cal. Borax soap	50,383	Mar. 13	121	683
Pacific Coast Borax Company, San Francisco, Cal. Borax soap	50,555	Mar. 20	121	1007
Pacific Coast Condensed Milk Co., Seattle, Wash. Condensed milk	54,383	June 26	122	2993
Pacific Creamery Company, Buena Park and Los Angeles, Cal. Sterilized cream	51,688	Apr. 24	121	2649
Pacific Mills, Lawrence, Mass. Printed cotton fabrics	55,006	Aug. 7	123	1979
Pacific Mills, Lawrence, Mass. Wool and cotton piece goods	55,704	Aug. 21	123	2614
Pacific Portland Cement Co., San Francisco, Cal. Portland cement	54,476	June 26	122	2997
Pacific Refining & Roofing Co., San Francisco, Cal. Roofing paints and stains	55,572	Aug. 14	123	2307
Packard Company, Fort Wayne, Ind. Pianos	53,788	June 12	122	2380
Packard Company, Fort Wayne, Ind. Organs	54,174	June 19	122	2684
Packard & Field, Brockton, Mass. Leather boots, shoes, and slippers and leather therefor	49,127	Jan. 23	120	1159
Packard & Field, Brockton, Mass. Leather boots, shoes, and slippers and upper and sole leather	49,480	Feb. 6	120	1817
Packard & Field, Brockton, Mass. Leather boots, shoes, and slippers and leather used in their manufacture	57,431	Nov. 13	125	657
Paducah Saddlery Company, Incorporated, Paducah, Ky. Harness, saddles, collars, and bridles	49,128	Jan. 23	120	1159
Paine Lumber Company, Limited, Oshkosh, Wis. Doors	53,789	June 12	122	2380
Palami Company, Boston, Mass. Cleansing and scouring preparation	50,686	Mar. 27	121	1339
Palethorpe, Percy R., Louisville, Ky. Remedy for blood and nerve diseases	49,129	Jan. 23	120	1159
Palethorpe, Percy R., Louisville, Ky. Medicine for certain named diseases	49,537	Feb. 6	120	1819
Pallman, Magdalena, Munich, Germany. Parquetry-floor wax	58,708	Dec. 25	125	2752
Palmarine Malarial Remedy Company, New York, N. Y. Fever cures	54,118	June 19	122	2682
Palmer, Eddy, New York, N. Y. Perfumed powders	51,907	Apr. 24	121	2658
Palmer, Eddy, New York, N. Y. Perfumes, extracts, essences, colognes, and toilet waters	51,943	Apr. 24	121	2659
Palmer, Eddy, New York, N. Y. Lotions for affections of the skin	51,944	Apr. 24	121	2660
Palmer, Eddy, New York, N. Y. Soap	53,497	June 5	122	2052
Palmer, Hill & Co., Cincinnati, Ohio. Mops	51,748	Apr. 24	121	2652
Palmetto Medicine Co., Mobile, Ala. Preparations for certain named diseases	58,837	Dec. 25	125	2755
Palmetto Metal Company, Chicago, Ill. Babbitt and antifiriction bearing metals	54,342	June 26	122	2991
Palmetto Metal Company, Chicago, Ill. Babbitt and antifiriction bearing metals	55,005	Aug. 7	123	1982
Palmiter, Hubert L., Columbus, N. Y. Insecticide and deodorizer	58,838	Dec. 25	125	2755
Panchaud, Joseph A., Vevey, Switzerland. Artificial milk for rearing young animals	56,297	Sept. 4	124	315
Pantasote Leather Co., Passaic, N. J. Manufactured imitation leather	57,945	Dec. 4	125	1691
Papyrhesion Company, New York, N. Y. Sizing-strengthening compound	48,811	Jan. 16	120	892
Paracymph Company, Louisville, Ky. Laxatives	50,253	Mar. 6	121	332
Paradis, Joseph, Holke, Mass. Sarsaparilla	55,618	Aug. 21	123	2611
Paraffine Paint Co., San Francisco, Cal. Waterproof and weatherproof building and roofing materials	57,538	Nov. 13	125	660
Paragon Malt Extract Co., New York, N. Y. Malt extract	49,981	Feb. 27	120	2747
Paragon Malt Extract Co., New York, N. Y. Malt extracts	58,897	Dec. 25	125	2757
Paragon Malt Extract Company, New York, N. Y. Malt extract	50,907	Apr. 3	121	1061
Paragon Malt Extract Company, New York, N. Y. Malt extract	56,376	Sept. 18	124	901
Paragon Mfg. Co. (See J. M. Gagan & Co., assignor.)				
Paragon Plaster Company, Syracuse, N. Y. Plasters and plastic compounds	54,477	June 26	122	2997
Paramount Knitting Co., Chicago, Ill. Hosiery	56,142	Aug. 28	123	2970
Paramount Knitting Co., Chicago, Ill. Hosiery	56,143	Aug. 28	123	2970
Paramount Knitting Co., Chicago, Ill. Hosiery	56,144	Aug. 28	123	2970
Paramount Knitting Co., Chicago, Ill. Hosiery	56,145	Aug. 28	123	2970
Pardridge & Blackwell, Detroit, Mich. Toilet soap	51,272	Apr. 10	121	1970
Pardridge & Blackwell, Detroit, Mich. Whisky	53,181	May 29	122	1710
Paris Medicine Co., St. Louis, Mo. Antiseptic healing-oil	50,244	Mar. 6	121	332
Paris Medicine Co., St. Louis, Mo. Antiseptic healing-oil	50,245	Mar. 6	121	332
Paris Medicine Co., St. Louis, Mo. Remedies for malarial diseases	50,285	Mar. 6	121	334
Paris, Samuel C., Philadelphia, Pa. Panama hats	51,689	Apr. 24	121	2649
Park Brewing Co., Winona, Minn. Beer	56,593	Oct. 9	124	1838
Park Steel Company, Pittsburg, Pa. Steel	49,163	Jan. 23	120	1161
Park Steel Company, Pittsburg, Pa. Steel	49,164	Jan. 23	120	1161
Park Steel Company, Pittsburg, Pa. Steel	49,869	Feb. 20	120	2436
Park Steel Company, Pittsburg, Pa. Steel	52,277	May 8	122	713
Park Steel Company, Pittsburg, Pa. Steel	52,278	May 8	122	713
Park Steel Company, Pittsburg, Pa. Steel	54,019	June 19	122	2678
Park Steel Company, Pittsburg, Pa. Steel	54,361	June 26	122	2992
Parke, Davis & Co., Detroit, Mich., and New York, N. Y. Hemostatic, astringent, blood-pressure-raising, and stimulating preparations for medicinal or surgical purposes	53,934	June 12	122	2386
Parke, Davis & Co., Detroit, Mich. Dentifrices, toilet creams, and toilet powders	58,085	Dec. 4	125	1694
Parker Blake Co. Ltd., New Orleans, La. Vermifuge	53,355	May 29	122	1717
Parker Blake Co. Ltd., New Orleans, La. Vermifuge	53,356	May 29	122	1717
Parker Blake Co. Ltd., New Orleans, La. Medicinal tonic for women	54,084	June 19	122	2680
Parker, Bridget & Co., Washington, D. C. Leather shoes	57,971	Dec. 4	125	1691
Parker, Charles S., New York, N. Y. Remedies for gout, rheumatism, liver, kidney, and bowel troubles	58,111	Dec. 4	125	1695
Parker & Co., E. L., Baltimore, Md. Certain named metal manufactures	53,667	June 12	122	2375
Parker & Co., E. L., Baltimore, Md. Certain named metal manufactures	53,668	June 12	122	2375
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers	51,151	Apr. 3	121	1671
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers	51,174	Apr. 3	121	1672
Parker, Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers	51,873	Apr. 24	121	2657
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers	52,816	May 15	122	1041
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers	55,046	Aug. 7	123	1980
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers	55,948	Aug. 21	123	2620

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Parker, Joseph A., Portsmouth, Va. Knitted stockings.....	56,175	Aug. 28	123	2970
Parker, Joseph A., Portsmouth, Va. Knitted stockings.....	56,176	Aug. 28	123	2970
Parker, Joseph A., Portsmouth, Va. Knitted stockings.....	57,816	Nov. 27	125	1343
Parker Pen Company, Janesville, Wis. Fountain-pens.....	57,817	Nov. 27	125	1343
Parker, Webb & Co., Detroit, Mich. Leaf-lard.....	57,603	Nov. 13	125	662
Parker Webb & Co., Detroit, Mich. Substitute for butter and lard.....	58,173	Dec. 11	125	2037
Parkhill Mfg. Co., Fitchburg, Mass. Cotton piece goods.....	51,730	Apr. 24	121	2651
Parks Bros. & Rogers, Providence, R. I. Certain named jewelry.....	50,384	Mar. 13	121	683
Parks Bros. & Rogers, Providence, R. I. Sleeve and collar buttons and studs.....	51,701	Apr. 24	121	2650
Parks Bros. & Rogers, Providence, R. I. Sleeve and collar buttons and studs.....	51,702	Apr. 24	121	2650
Parlin & Orendorff Co., Canton, Ill. Riding and walking plows.....	50,593	Mar. 27	121	1335
Parlin & Orendorff Co., Canton, Ill. Plows.....	51,663	Apr. 17	121	2325
Parlin & Orendorff Co., Canton, Ill. Plows.....	51,822	Apr. 24	121	2655
Parlin & Orendorff Co., Canton, Ill. Riding and walking plows.....	54,313	June 26	122	2990
Parsons Bros., New York, N. Y. Paper and paper-board.....	57,921	Dec. 4	125	1690
Parsons Brothers, Inc., New York, N. Y. Chip braids and straw braids.....	57,386	Nov. 13	125	656
Parsons Brothers, Inc., New York, N. Y. Chip braids and straw braids.....	57,469	Nov. 13	125	658
Parsons, Charles A., Newcastle-upon-Tyne, England. Electric generators and motors and parts thereof.....	51,568	Apr. 17	121	2319
Parsons, Charles A., Newcastle-upon-Tyne, England. Turbo-compressors and pumps.....	51,998	May 1	122	338
Parsons, Charles A., Newcastle-upon-Tyne, England. Steam-turbines and parts thereof.....	51,999	May 1	122	338
Parsons & Parsons, Cleveland, Ohio. Rubber collars.....	57,818	Nov. 27	125	1344
Paschall, N. Julian, Fulton, Ky. Tonic for chills and fevers.....	55,776	Aug. 21	123	2616
Paso Real Fruit Company, Cincinnati, Ohio. Citrus fruits and pineapples.....	51,731	Apr. 24	121	2651
Pass Packing Co., Pass Christian, Miss. Canned shrimp and similar shell-fish.....	55,777	Aug. 21	123	2616
Passaic Print Works, Passaic, N. J. Calico prints.....	56,966	Oct. 30	124	2895
Passaic Print Works, Passaic, N. J. Calico prints.....	56,967	Oct. 30	124	2895
Passano & Company, Baltimore, Md. Pickles.....	58,174	Dec. 11	125	2037
Passano & Company, Baltimore, Md. Pickles and brandied fruits.....	58,611	Dec. 18	125	2357
Passavant & Co., New York, N. Y. Ribbons.....	51,087	Apr. 3	121	1669
Passavant & Co., New York, N. Y. Ribbons.....	51,248	Apr. 10	121	1969
Passavant & Co., New York, N. Y. Silk piece goods.....	52,369	May 8	122	717
Paste, Lemuel W., Galion, Ohio. Medicated stock-foods.....	55,645	Aug. 21	123	2612
Pasteur Vaccine Co. Ltd., London, England. Antifermentative, antiseptic, antispasmodic, anti-periodic, and anodyne.....	58,768	Dec. 25	125	2753
Patent Button Co., Waterbury, Conn. Fasteners.....	49,740	Feb. 13	120	2122
Pater, Joseph J., Hamilton, Ohio. Remedy for hog-cholera.....	50,793	Mar. 27	121	1343
Patten, John H., Butler, Mo. Salve.....	51,041	Apr. 3	121	1667
Patterson Coal & Supply Co., Pittsburg, Pa. Plaster for molding.....	56,968	Oct. 30	124	2895
Patterson Coal & Supply Co., Pittsburg, Pa. Plaster for walls.....	56,969	Oct. 30	124	2895
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Drills and reamers.....	48,691	Jan. 9	120	650
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Saws of all kinds.....	48,692	Jan. 9	120	650
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Punches of all kinds.....	48,693	Jan. 9	120	650
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Screw-drivers and screw-driver holders.....	48,936	Jan. 16	120	897
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Grinding and polishing heads.....	48,937	Jan. 16	120	897
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Forges, blowers, and twyer-irons.....	48,938	Jan. 16	120	897
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Lathes.....	49,347	Jan. 30	120	1473
Patterson, Gottfried & Hunter, Limited, New York, N. Y. Leather belting.....	50,157	Mar. 6	121	329
Patterson, Gottfried & Hunter, Ltd., New York, N. Y. Jacks, jack-screws, and parts thereof.....	57,972	Dec. 4	125	1691
Patterson, Gottfried & Hunter, Ltd., New York, N. Y. Jacks, jack-screws, and parts thereof.....	57,973	Dec. 4	125	1691
Patterson, Gottfried & Hunter, Ltd., New York, N. Y. Jacks, jack-screws, and parts thereof.....	57,974	Dec. 4	125	1691
Patterson, Gottfried & Hunter, Ltd., New York, N. Y. Jacks, jack-screws, and parts thereof.....	57,975	Dec. 4	125	1691
Patterson Sargent Co., Cleveland, Ohio. Carbon paints.....	51,407	Apr. 17	121	2312
Patterson Sargent Company, Cleveland, Ohio. Mixed paints.....	54,521	June 26	122	2999
Patty & Evans, Chicago, Ill. Adhesives for calcimine and cold-water paste for wall-paper.....	56,794	Oct. 16	124	2175
Paul Bros. Medicine Co., Alton, Ill. Medicine for certain named diseases.....	50,576	Mar. 20	121	1008
Paul E. Wolff Shirt Company, St. Louis, Mo. Outer shirts.....	54,677	June 26	122	3005
Paul E. Wolff Shirt Company, St. Louis, Mo. Outer shirts.....	54,678	June 26	122	3005
Paul F. Beich Co., Bloomington, Ill. Candy.....	53,761	June 12	122	2379
Paul J. Daemicke Co., Chicago, Ill. Refrigerators, cooling-rooms, ice-boxes, and freezers.....	58,839	Dec. 25	125	2755
Paul Rieger & Co., San Francisco, Cal. Perfumes.....	58,769	Dec. 25	125	2753
Paul Taylor Brown Co., New York, N. Y. Canned pineapples.....	53,443	June 5	122	2050
Pavian-Adams Co., St. Paul, Minn. Pocket-knives.....	56,146	Aug. 28	123	2970
Payot, Upham & Co., San Francisco, Cal. Steel pens.....	52,888	May 22	122	1385
Payot, Upham & Co., San Francisco, Cal. Steel pens.....	52,889	May 22	122	1385
Peacock Chemical Co., St. Louis, Mo. Preparation of bromids.....	49,572	Feb. 13	120	2115
Peacock Chemical Co., St. Louis, Mo. Medicines for diseases of the liver.....	50,054	Feb. 27	120	2750
Peacock Chemical Co., St. Louis, Mo. Medicinal preparation used as a nerve sedative.....	51,534	Apr. 17	121	2317
Peacock Chemical Company, St. Louis, Mo. Remedy for diseases of the liver.....	53,867	June 12	122	2383
Peacock Distillery Co., Paris, Ky. Whisky.....	58,898	Dec. 25	125	2757
Pearl & Co., I. L., Johnson, Vt. Trousers.....	51,619	Apr. 17	121	2321
Pearl & Co., I. L., Johnson, Vt. Trousers.....	56,548	Oct. 2	124	1518
Pearsall & Co., James, London, England. Embroidery and knitting silk.....	49,795	Feb. 20	120	2433
Pearson, Albert M., Cleveland, Ohio. Chewing-gum.....	58,659	Dec. 18	125	2359
Peck, Albert W., Traverse City, Mich. Remedies for diseases of the mucous membrane of the eyes and nose.....	55,949	Aug. 21	123	2620
Peck & Company, Samuel W., New York, N. Y. Men's and boys' suits, coats, vests, pants, and trousers.....	58,374	Dec. 11	125	2042
Peck, Frederick W., Cohoes, N. Y. Axes, adzes, and hatchets.....	52,106	May 1	122	343
Peckham Seamless Ring Mfg. Co., New York, N. Y. Solid-gold finger-rings.....	51,152	Apr. 3	121	1671
Peckham's Croup Remedy Co., Freeport, Mich. Croup remedy.....	56,649	Oct. 16	124	2171
Peck Beverage Company, Birmingham, Ala. Non-alcoholic extract and syrup for the making of beverages.....	55,705	Aug. 21	123	2614
Peck Bros. & Winch, Limited, London, England. Tea.....	56,505	Oct. 2	124	1517
Peck, David T., deceased; H. M. Burns and H. A. Peek, New York, N. Y., administrators. Pianos.....	57,018	Oct. 30	124	2896
Peck, Henry A., et al., administrators. (See Peek, David T.).....				
Peerless Enamel Paint Works, New York, N. Y. Enamel paints.....	49,976	Feb. 27	120	2746
Peerless Medicine Company, Los Angeles, Cal. Certain named medicines.....	57,869	Nov. 27	125	1345
Peerless Smelting & Refining Co., Philadelphia, Pa. Babbitt metal.....	53,584	June 5	122	2055
Peirce, Isaac B., Pasadena, Cal. Compounds for treatment of catarrhal diseases.....	57,568	Nov. 13	125	661
Peirce & Son, Thomas F., Providence, R. I. Leather boots and shoes.....	52,760	May 15	122	1039
Pellucide Company, San Francisco, Cal. Polishing preparations for glass or bright metal.....	54,020	June 19	122	2678
Peltason, Leo H., St. Louis, Mo. Lamp-chimneys and lamp-globes.....	49,723	Feb. 13	120	2121
Peltier, Ella A., Delphos, Ohio. Games and toys.....	51,478	Apr. 17	121	2315
Pelton Water Wheel Co., San Francisco, Cal. Water-wheels and water-wheel motors.....	52,020	May 1	122	339

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Peltzer Bros., Crefeld, Germany. Silks, satins, velvets, and plushes.	56,667	Oct. 16	124	2171
Pelzer M'fg. Co., Pelzer, S. C. Sheetings.	58,925	Dec. 25	125	2757
Pemberton Company, Lawrence and Boston, Mass. Cotton flannel.	49,832	Feb. 20	120	2434
Pen-Mar Distilling Co., Waynesboro, Pa. Whisky.	50,397	Mar. 13	121	683
Penick & Ford, Ltd., Shreveport, La. Syrups and molasses.	54,384	June 26	122	2993
Penick & Ford, Ltd., Shreveport, La. Syrup.	54,385	June 26	122	2993
Penick & Ford, Ltd., Shreveport, La. Sugar-cane syrups and molasses.	54,577	June 26	122	3001
Peninsular Paper Co., Ypsilanti, Mich. Book and cover paper.	52,731	May 15	122	1038
Penn Tobacco Co., Wilkes-Barre, Pa. Smoking and chewing tobacco.	57,080	Oct. 30	124	2898
Penn Wall Paper Company, Pittsburg, Pa. Wall-paper.	50,985	Apr. 3	121	1664
Pennsylvania Baking Company, Scranton, Pa. Ginger-snaps.	52,523	May 8	122	724
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.	58,899	Dec. 25	125	2757
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Potash.	53,935	June 12	122	2386
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Bicarbonate of soda.	53,936	June 12	122	2386
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Potash.	56,048	Aug. 21	123	2623
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Lye.	56,049	Aug. 21	123	2623
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Bicarbonate of soda.	56,050	Aug. 21	123	2623
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Lye.	56,077	Aug. 21	123	2623
Pennsylvania Salt Manuf'g Co., Philadelphia, Pa. Lye.	56,078	Aug. 21	123	2624
Pennsylvania Soap Company, Lancaster, Pa. Soap.	53,730	June 12	122	2378
Penny, Salvatore, New York, N. Y. Antirheumatic and gout remedy.	56,877	Oct. 23	124	2528
Penny, Salvatore, New York, N. Y. Certain named medicinal compound.	57,029	Oct. 30	124	2897
Peoria Drill and Seeder Co., Peoria, Ill. Broadcast seeding-machines.	52,370	May 8	122	717
Pepper Company, Peabody, Mass. Candy.	54,522	June 26	122	2999
Percival, Herbert E., Houston, Tex. Certain chemical composition.	57,517	Nov. 13	125	660
Percival, Herbert E., Houston, Tex. Chemical composition for preserving vegetable fiber.	58,086	Dec. 4	125	1694
Percy, L. Jennie, New York, N. Y. Phosphates, phosphites, and hypophosphites.	55,778	Aug. 21	123	2616
Perkins, Charles B., Boston, Mass. Cigars.	50,884	Apr. 3	121	1660
Perkins, Charles B., Boston, Mass. Cigars.	50,886	Apr. 3	121	1660
Perkins, Charles B., Boston, Mass. Cigars.	52,400	May 8	122	718
Perkins, Charles B., Boston, Mass. Cigars.	52,401	May 8	122	718
Perkins, Charles B., Boston, Mass. Cigars.	54,478	June 26	122	2997
Perkins, Charles B., Boston, Mass. Cigars.	54,479	June 26	122	2997
Perkins Corporation, Hartford, Conn. Snap-switches.	54,626	June 26	122	3003
Perkins, George H., Gloucester, Mass. Cured fish, (dried, smoked, or salted).	51,771	Apr. 24	121	2653
Perkins, George H., Gloucester, Mass. Cured fish, (dried, smoked, or salted).	51,772	Apr. 24	121	2653
Perkins, George H., Gloucester, Mass. Cured fish, (smoked, dried, or salted).	51,773	Apr. 24	121	2653
Perkins, George H., Gloucester, Mass. Cured fish, (dried, smoked, or salted).	51,874	Apr. 24	121	2657
Perkins, George H., Gloucester, Mass. Cured fish, (smoked, dried, or salted).	53,256	May 29	122	1713
Perkins, George H., Gloucester, Mass. Cured fish, (smoked, dried, or salted).	53,257	May 29	122	1713
Perkins, George H., Gloucester, Mass. Cured fish.	53,444	June 5	122	2050
Perkins, George H., Gloucester, Mass. Cured fish, (smoked, dried, or salted).	55,272	Aug. 14	123	2299
Perkins, George H., Gloucester, Mass. Cured fish, (smoked, dried, or salted).	55,879	Aug. 21	123	2618
Perkins, Van Bergen & Co., Paris, France, and New York, N. Y. French broadcloth.	56,577	Oct. 9	124	1837
Perrman, Louis H., New York, N. Y. Pills for the cure of constipation.	58,112	Dec. 4	125	1695
Perrin & Cie., Charles, Grenoble, France. Kid gloves.	54,504	June 26	122	2998
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,403	Aug. 14	123	2302
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,404	Aug. 14	123	2303
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,405	Aug. 14	123	2303
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,431	Aug. 14	123	2303
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,432	Aug. 14	123	2303
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,433	Aug. 14	123	2303
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	55,434	Aug. 14	123	2303
Perrin & Cie., V., New York, N. Y., and Grenoble, France. Leather gloves.	56,878	Oct. 23	124	2528
Perry & Co., Philadelphia, Pa. Coats, vests, pantaloons, overcoats, and men's and boys' suits.	52,732	May 15	122	1038
Perry & Company Limited, Birmingham, England. Steel pens.	49,776	Feb. 13	120	2123
Perry & Company, Limited, Birmingham, England. Steel, fountain, and stylographic pens and penholders.	50,986	Apr. 3	121	1664
Perry & Company, Limited, Birmingham, England. Pens.	56,338	Sept. 11	124	620
Personeni, Joseph, New York, N. Y. Solid salts for making beverages.	51,196	Apr. 10	121	1967
Peter Henderson & Co., New York, N. Y. Agricultural and horticultural seeds.	52,492	May 8	122	722
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,149	May 29	122	1709
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,182	May 29	122	1710
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,183	May 29	122	1710
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,184	May 29	122	1710
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,428	June 5	122	2049
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,429	June 5	122	2049
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,430	June 5	122	2049
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,431	June 5	122	2049
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,432	June 5	122	2049
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,433	June 5	122	2049
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	53,893	June 12	122	2384
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	54,644	June 26	122	3003
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	55,880	Aug. 21	123	2618
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	58,314	Dec. 11	125	2041
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	58,565	Dec. 18	125	2356
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.	58,566	Dec. 18	125	2357
Peterman, William, New York, N. Y. Insecticides.	56,400	Sept. 18	124	902
Peterman, William, New York, N. Y. Insecticides.	56,401	Sept. 18	124	902
Peterman, William, New York, N. Y. Poison for the extermination of rats and mice.	56,402	Sept. 18	124	902
Peters, Harry S., Dover, N. J. Overalls and workmen's shirts, coats or jackets, and pants.	49,045	Jan. 23	120	1136
Peters Shoe Co., St. Louis, Mo. Leather shoes.	54,578	June 26	122	3001
Peters Shoe Co., St. Louis, Mo. Leather shoes.	56,079	Aug. 21	123	2624
Peters Shoe Co., St. Louis, Mo. Leather shoes.	56,080	Aug. 21	123	2624
Peters Shoe Co., St. Louis, Mo. Leather shoes.	56,177	Aug. 28	123	2970
Peters Shoe Co., St. Louis, Mo. Leather shoes.	56,253	Sept. 4	124	314
Peters Shoe Co., St. Louis, Mo. Leather shoes.	57,946	Dec. 4	125	1691
Petersen, Christian, Chicago, Ill. Preparation for cleaning cloth.	54,793	July 31	123	1657
Petersen, Otto L., New York, N. Y. Composition for painting iron and steel.	57,976	Dec. 4	125	1691
Peterson, Frank W., Minneapolis, Minn. Hair-tonic.	56,020	Aug. 21	123	2622
Petraccione, Louis, New York, N. Y. Combination sash adjusters and locks.	53,009	May 22	122	1390
Pfabe, Hugo, Delavan, Wis. Flash-light compounds.	52,216	May 1	122	347
Pfeifer & Co., Chas. M., Cincinnati, Ohio. Whisky.	55,185	Aug. 7	123	1984
Pfeifer, Edward, Columbus, Ohio. Blood-purifier designed to cure consumption.	56,403	Sept. 18	124	902
Pfeiffer & Diller, Harchheim, near Worms, Germany. Coffee preparation.	49,668	Feb. 13	120	2119
Pfister & Vogel Leather Company, Milwaukee, Wis. Leather for shoes, gloves, and harness.	51,427	Apr. 17	121	2313

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Pfromm, Adam, Philadelphia, Pa. Bluing	53,467	June 5	122	2051
Pfromm, Adam, Philadelphia, Pa. Bluing	53,468	June 5	122	2051
Phelps Company, Meadville, Pa. Chocolates	50,669	Mar. 27	121	1338
Phenix Cheese Co., South Edmeston, N. Y. Cheese	50,286	Mar. 6	121	334
Phenix Cheese Co., South Edmeston, N. Y. Cheese	58,597	Dec. 18	125	2356
Philadelphia Grease Manufacturing Co., Philadelphia, Pa. Lubricating-grease	49,316	Jan. 30	120	1472
Philadelphia Rubber Works, Philadelphia, Pa. Restored or devulcanized rubber	49,481	Feb. 6	120	1817
Philadelphia Watch Case Co., Riverside, N. J. Watches, watchcases, and watch-movements	49,482	Feb. 6	120	1817
Philadelphia Watch Case Co., Riverside, N. J. Watches, watchcases, and watch-movements	49,483	Feb. 6	120	1817
Philadelphia Watch Case Co., Riverside, N. J. Watches, watchcases, and watch-movements	49,538	Feb. 6	120	1819
Philadelphia Watch Case Co., Riverside, N. J. Watches, watchcases, and watch-movements	52,859	May 22	122	1384
Philip Hano & Co., New York, N. Y. Manifold devices	52,021	May 1	122	339
Philipp Bauer Co., New York, N. Y. Shoe polish or blacking	56,081	Aug. 21	123	2624
Philippart, Gustave, Paris, France. Double spinning-tops for games	58,955	Dec. 25	125	2758
Phillips Drug Co., Warren, Pa. Rheumatic remedies	51,088	Apr. 3	121	1669
Phillips Insulated Wire Co., Pawtucket, R. I. Insulated wire and wire cables	50,824	Apr. 3	121	1657
Phillips Insulated Wire Co., Pawtucket, R. I. Insulated conducting-wires	50,826	Apr. 3	121	1657
Phillips Insulated Wire Co., Pawtucket, R. I. Insulated wires	52,626	May 15	122	1034
Phillips, John Q., Clinton, S. C. May-apple pills	48,939	Jan. 16	120	897
Phoenix Cap Company, New York, N. Y. Caps and corks	50,892	Apr. 3	121	1660
Phoenix Flour Mill, Evansville, Ind. Wheat-flour	55,706	Aug. 21	123	2614
Phoenix Glass Co., Pittsburg, Pa. Glass electric globes and glass shades	49,741	Feb. 13	120	2122
Phoenix Glass Co., Pittsburg, Pa. Decorated vase-lamps made of glass	53,562	June 5	122	2055
Phoenix Horse Shoe Co., Chicago, Ill. Horse and mule shoes	53,986	June 19	122	2676
Phoenix Horse Shoe Co., Chicago, Ill. Metal horse and mule shoes	54,942	Aug. 7	123	1977
Phoenix Milling Co., Sacramento, Cal. Wheat-flour	55,779	Aug. 21	123	2616
Phoenix Jewelry Co., New York, N. Y. Certain named jewelry	48,804	Jan. 16	120	892
Phoenix Jewelry Co., New York, N. Y. Certain named jewelry	51,479	Apr. 17	121	2315
Phosphor-Bronze Smelting Co., Limited, Philadelphia, Pa. Metallic alloys	55,096	Aug. 7	123	1982
Phosphor-Bronze Smelting Co., Limited, Philadelphia, Pa. Metallic alloys	55,406	Aug. 14	123	2303
Picchianti, Elvira, Chicago, Ill. Sauce for spaghetti	51,042	Apr. 3	121	1667
Pickering Governor Co., Portland, Conn. Engine-governors	51,569	Apr. 17	121	2319
Pickering Governor Company, Portland, Conn. Engine-governors	52,627	May 15	122	1034
Pickering Governor Company, Portland, Conn. Engine-governors	57,470	Nov. 13	125	658
Picot, Max, Paris, France. Surgical bandages	58,449	Dec. 18	125	2353
Pictorial Stationery Co. Limit., London, England. Photographs, post-cards with views thereon, and colored views	56,377	Sept. 18	124	902
Piedmont Mfg. Co., Piedmont, S. C. Cotton sheetings and drillings	55,950	Aug. 21	123	2620
Piedmont Mfg. Co., Piedmont, S. C. Sheetings	56,578	Oct. 9	124	1837
Pierce, Arthur F., Wallingford, Conn. Remedy for the treatment of the feet	54,982	Aug. 7	123	1979
Pierce, Ray V., Buffalo, N. Y. Certain named medicines	57,518	Nov. 13	125	660
Pierce, Ray V., Buffalo, N. Y. Pills, pellets, or granules for the cure of biliousness	57,519	Nov. 13	125	660
Pierce, Ray V., Buffalo, N. Y. Remedy for catarrh	57,539	Nov. 13	125	660
Pierce, Ray V., Buffalo, N. Y. Remedy for chronic weaknesses and complaints peculiar to females	58,414	Dec. 11	125	2043
Pierce, Ray V., Buffalo, N. Y. Remedy for certain named diseases	58,415	Dec. 11	125	2043
Pike Manufacturing Company, Pike, Littleton and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt., and New York, N. Y. Sharpening-stones	49,357	Jan. 30	120	1474
Pike Manufacturing Company, Pike, Littleton and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt., and New York, N. Y. Hones	49,358	Jan. 30	120	1474
Pike Manufacturing Company, Pike, Littleton and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt., and New York, N. Y. Abrading materials and tools	49,396	Feb. 6	120	1814
Pike Manufacturing Company, Pike, Littleton and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt., and New York, N. Y. Sharpening-stones	49,669	Feb. 13	120	2119
Pike Manufacturing Company, Pike, Littleton and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt., and New York, N. Y. Sharpening-stones	49,695	Feb. 13	120	2120
Pilkington Bros., Limited, St. Helens, England. Glass	55,435	Aug. 14	123	2303
Pillsbury-Washburn Flour Mills Company, Ltd., Minneapolis, Minn. Flour made from wheat	49,005	Jan. 16	120	899
Pillsbury-Washburn Flour Mills Company, Ltd., Minneapolis, Minn. Wheat-flour	50,622	Mar. 27	121	1336
Pillsbury-Washburn Flour Mills Company, Ltd., Minneapolis, Minn. Wheat-flour	50,687	Mar. 27	121	1339
Pillsbury-Washburn Flour Mills Company, Ltd., Minneapolis, Minn. Wheat-flour	50,802	Mar. 27	121	1344
Pillsbury-Washburn Flour Mills Company Limited, Minneapolis, Minn. Wheat-flour	51,480	Apr. 17	121	2315
Pillsbury-Washburn Flour Mills Company, Limited, Minneapolis, Minn. Wheat breakfast-food	54,627	June 26	122	3003
Pimbley Paint & Glass Co., St. Joseph, Mo. House-paints	52,338	May 8	122	716
Pinechin Johnson & Co. Ltd., London, England. Enamel paint	57,344	Nov. 13	125	655
Pine, John H., Ardmore and Philadelphia, Pa. Tablets for colds, coughs, and bronchial affections	58,987	Dec. 25	125	2759
Pine-Ozone Company. (See Adams, Frederick C., assignor.)				
Pine Products Company, New York, N. Y., and Savannah, Ga. Turpentine and turpentine substitutes derived from yellow pine	57,181	Nov. 6	125	343
Pine Tree Silk Mills Company, Philadelphia, Pa. Ribbons	55,780	Aug. 21	123	2616
Pinet, Elise, Minneapolis, Minn. Toilet waters	50,987	Apr. 3	121	1664
Pioneer Packing Company, Omaha, Nebr. Extract of beef	52,984	May 22	122	1389
Pioneer Suspender Company, Philadelphia, Pa. Suspenders	52,371	May 8	122	717
Pioneer Suspender Company, Philadelphia, Pa. Hose-supporters	53,272	May 29	122	1714
Pioneer Suspender Company, Philadelphia, Pa. Hose-supporters	55,859	Aug. 21	123	2618
Pioneer Tar Soap Co., Dayton, Ohio Tar soap	49,317	Jan. 30	120	1472
Piorkowski, Max, Berlin, Germany. Venereal disease remedies	53,894	June 12	122	2384
Piper, George W., New York, N. Y. Mixed paints	53,325	May 29	122	1716
Piso Company, Warren, Pa. Consumption remedy	50,770	Mar. 27	121	1342
Piso Company, Warren, Pa. Remedy for catarrh	50,771	Mar. 27	121	1342
Pita y Cia. S. en C., M., Vigo, Spain. Sardines and other preserved fish	55,781	Aug. 21	123	2616
Pittman & Harrison Co., Sherman, Tex. Cornmeal and corn-chop	53,790	June 12	122	2380
Pitts Sanitary Company Providence, R. I. Soap	57,400	Nov. 13	125	657
Pitts Sanitary Company, Providence, R. I. Soap	57,401	Nov. 13	125	657
Pittsburg Provision & Packing Co., Allegheny, Pa. Hams, breakfast-bacon, lard, and sausage	58,926	Dec. 25	125	2757
Pittsburgh Brewing Company, Pittsburg, Pa. Beer	55,707	Aug. 21	123	2614
Pittsburgh Crushed Steel Co. Limited, Pittsburg, Pa. Abrasives	57,201	Nov. 6	125	344
Pittsburgh Crushed Steel Co. Limited, Pittsburg, Pa. Abrasives	57,227	Nov. 6	125	344
Pittsburgh Hardware & Home Supply Company, Pittsburg, Pa. Stoves, ranges, and furnaces	57,471	Nov. 13	125	658
Pittsburgh Hardware & Home Supply Company, Pittsburg, Pa. Stoves, ranges, and furnaces	57,758	Nov. 27	125	1342
Pittsburgh Milling Co., Pittsburg, Pa. Wheat-flour	49,912	Feb. 20	120	2438
Pittsburgh Milling Co., Allegheny, Pa. Wheat-flour	50,476	Mar. 20	121	1004
Pittsburgh Milling Co., Allegheny, Pa. Wheat flour	56,290	Sept. 4	124	315
Pittsburgh Plate Glass Company, Pittsburg, Pa. Plaster formed of wood fiber	58,727	Dec. 25	125	2752
Placht, Anthony J., St. Louis, Mo. Cornets and trombones	58,728	Dec. 25	125	2752
Plainville Stock Company, Plainville, Mass. Certain named jewelry	55,907	Aug. 21	123	2619

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Plank, Frederick F., Petaluma, Cal. Vegetable-sauce.....	54,175	June 19	122	2684
Planten, John R., New York, N. Y. Filled gelatin capsules.....	51,355	Apr. 10	121	1974
Planten, John R., New York, N. Y. Filled gelatin capsules.....	51,356	Apr. 10	121	1974
Planters Packing and Preserving Co., Delray, Fla. Canned pineapples.....	51,747	Apr. 24	121	2652
Platt & Company, Baltimore, Md. Canned fruits and vegetables.....	52,684	May 15	122	1036
Platt & Company, Baltimore, Md. Canned fruits and vegetables.....	54,523	June 26	122	2999
Platt Iron Works Co., Dayton, Ohio. Hot-water heaters.....	57,126	Nov. 6	125	342
Platt Iron Works Co., Dayton, Ohio. Power-pumps.....	57,127	Nov. 6	125	343
Platt, Mary E., New York, N. Y. Liquid disinfectants.....	50,246	Mar. 6	121	332
Pleasant Valley Wine Co., Rheims, N. Y. Wine.....	50,335	Mar. 13	121	681
Plouvier, Paul J., Paris, France. Biscuits.....	58,900	Dec. 25	125	2757
Plume & Atwood Mfg. Co., Waterbury, Conn., and New York, N. Y. Pins.....	49,458	Feb. 6	120	1816
Plume & Atwood Mfg. Co., Waterbury, Conn., and New York, N. Y. Solid-headed straight pins.....	54,943	Aug. 7	123	1977
Plume & Atwood Mfg. Co., Waterbury, Conn., and New York, N. Y. Rivets, washers, and burs of copper or brass.....	55,122	Aug. 7	123	1982
Plume & Atwood Mfg. Co., Waterbury, Conn., and New York, N. Y. Oil-heaters, oil-stoves, oil-lamps, and burners therefor.....	57,540	Nov. 13	125	660
Plume & Atwood Mfg. Co., Waterbury, Conn., and New York, N. Y. Straight solid-headed pins.....	58,729	Dec. 25	125	2752
Plymouth Cordage Company, Plymouth, Mass. Twine and binder-twine.....	48,714	Jan. 9	120	650
Plymouth Cordage Company, Plymouth, Mass. Fibrous rope and twine.....	48,715	Jan. 9	120	650
Plymouth Cordage Company, Plymouth, Mass. Fibrous or textile rope and twine.....	48,716	Jan. 9	120	650
Plymouth Cordage Company, Plymouth, Mass. Fibrous or textile rope and twine.....	48,717	Jan. 9	120	651
Plymouth Cordage Company, Plymouth, Mass. Fibrous and textile rope and twine.....	54,721	June 26	122	3007
Plymouth Cordage Company, Plymouth, Mass. Ropes, yarns, twines, and cords.....	56,622	Oct. 9	124	1839
Pneumatic Rubber Sole and Heel Syndicate, Limited, Leicester, England. Soles, heels, and protectors for boots and shoes.....	57,836	Nov. 27	125	1344
Pocatello Mercantile Co., Pocatello, Idaho. Whisky.....	58,036	Dec. 4	125	1693
Pohlman & Co., John, Indianapolis, Ind. Whisky.....	49,216	Jan. 30	120	1468
Pohlman & Co., John, Indianapolis, Ind. Whisky.....	49,217	Jan. 30	120	1468
Pohlman & Co., John, Indianapolis, Ind. Whisky.....	49,218	Jan. 30	120	1468
Pollasky, Max E., Buffalo, N. Y. Whisky.....	56,527	Oct. 2	124	1518
Pomeroy Company, New York, N. Y. Elastic stockings.....	52,279	May 8	122	713
Poncet & Neeser, New York, N. Y. Malines and mousselines.....	58,244	Dec. 11	125	2039
Pond's Extract Company, New York, N. Y. Distillation of hamamelis.....	49,484	Feb. 6	120	1817
Pond's Extract Company, New York, N. Y. Cream for the treatment of the skin.....	51,089	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Certain medical compound.....	51,090	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Certain medical compound.....	51,091	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Ointments.....	51,092	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Certain medical compound.....	51,093	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Catarrh remedies.....	51,094	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Veterinary remedies for horses and all domestic animals.....	51,095	Apr. 3	121	1669
Pond's Extract Company, New York, N. Y. Toilet-paper.....	51,408	Apr. 17	121	2312
Pond's Extract Company, New York, N. Y. Talcum powder.....	52,107	May 1	122	343
Pond's Extract Company, New York, N. Y. Skin-cream.....	52,108	May 1	122	343
Pond's Extract Company, New York, N. Y. Dentifrices in powder, paste, or liquid form.....	52,109	May 1	122	343
Pope, Henry C., Birmingham, Ala. Antiseptic.....	48,694	Jan. 9	120	650
Pope, Henry C., Birmingham, Ala. Antiseptic remedy.....	50,729	Mar. 27	121	1341
Pope, Lawrence K., Chicago, Ill. Cigars.....	54,794	July 31	123	1657
Pope Manufacturing Company, Hartford, Conn. Automobiles and parts thereof.....	54,924	Aug. 7	123	1977
Popper & Bro., Herman, Coney Island, N. Y. Whisky.....	55,291	Aug. 14	123	2300
Popper, Gray & Co., New York, N. Y. Cheese.....	52,890	May 22	122	1385
Popper, Gray & Co., New York, N. Y. Cheese.....	56,831	Oct. 23	124	2527
Popper, Gray & Co., New York, N. Y. Cheese.....	58,660	Dec. 18	125	2359
Porcela Co., Pittsburg, Pa. Compositions for cleaning.....	58,113	Dec. 4	125	1695
Porcela Co., Pittsburg, Pa. Chemical compounds for softening water.....	58,709	Dec. 25	125	2752
Porcela Company. (See McKinney William C., assignor.).....				
Porritt & Sons, Joseph, Helmsboro, England. Paper-makers' feltings.....	54,579	June 26	122	3001
Porter, Charles F., Boston, Mass. Hair-wavers.....	56,650	Oct. 16	124	2171
Porter Medicine Company, Paris, Tenn. Remedy for certain named diseases.....	49,579	Feb. 13	120	2116
Portland Packing Co., Portland, Me. Canned corn.....	53,791	June 12	122	2380
Portland Packing Company, Portland, Me. Canned fruits and vegetables.....	49,670	Feb. 13	120	2119
Portland Packing Company, Portland, Me. Canned fruits and vegetables.....	49,671	Feb. 13	120	2119
Portland Packing Company, Portland, Me. Canned fruits and vegetables.....	49,672	Feb. 13	120	2119
Portland Packing Company, Portland, Me. Canned fruits and vegetables.....	49,673	Feb. 13	120	2119
Portland Packing Company, Portland, Me. Canned lobsters, canned mackerel, canned clams, and canned clam-chowder.....	54,176	June 19	122	2684
Portland Packing Company, Portland, Me. Canned vegetables.....	56,216	Sept. 4	124	313
Portland Packing Company, Portland, Me. Canned vegetables.....	56,217	Sept. 4	124	313
Portland Packing Company, Portland, Me. Canned corn.....	56,298	Sept. 4	124	315
Porto Rico Co., San Francisco, Cal. Coffee.....	49,674	Feb. 13	120	2119
Post & Lester Company, Hartford, Conn. Automobile and motor-boat horns.....	58,262	Dec. 11	125	2039
Postum Cereal Co., Limited, Battlecreek, Mich. Candy.....	49,913	Feb. 20	120	2438
Postum Cereal Co., Limited, Battle Creek, Mich. Breakfast-foods prepared from cereals.....	51,153	Apr. 3	121	1671
Postum Cereal Co., Limited, Battle Creek, Mich. Non-alcoholic food drinks which are produced from a cereal.....	52,560	May 15	122	1031
Potter, Arthur H., Cambridge, Mass. Candies and bonbons.....	55,436	Aug. 14	123	2303
Potter Drug & Chemical Corporation, Boston, Mass. Ointment.....	49,573	Feb. 13	120	2115
Potter Drug & Chemical Corporation, Boston, Mass. Medicated and perfumed soap.....	49,675	Feb. 13	120	2119
Potter Drug & Chemical Corporation, Boston, Mass. Medicine for internal use.....	49,724	Feb. 13	120	2121
Potter Drug & Chemical Corporation, Boston, Mass. Medicine for internal use.....	50,753	Mar. 27	121	1342
Potter Drug & Chemical Corporation, Boston, Mass. Ointment.....	50,754	Mar. 27	121	1342
Potter Drug & Chemical Corporation, Boston, Mass. Medicated and perfumed soap.....	53,762	June 12	122	2379
Potter Drug & Chemical Corporation, Boston, Mass. Pills.....	55,708	Aug. 21	123	2614
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Healing-plaster.....	58,690	Dec. 25	125	2751
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicinal plasters.....	58,691	Dec. 25	125	2751
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicinal plasters.....	58,770	Dec. 25	125	2753
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Certain medicinal preparation.....	58,771	Dec. 25	125	2753
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Remedy for cutaneous diseases and veterinary use.....	58,956	Dec. 25	125	2758
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Salve.....	58,957	Dec. 25	125	2758
Potter, Foster F., New York, N. Y. Preparation of uncooked cereals pressed into a wafer.....	55,831	Aug. 21	123	2617
Potteries Selling Company, Trenton, N. J. Vitreous earthenware water-closets, urinals, and lavatories.....	55,007	Aug. 7	123	1979
Powell, Chas. A., Whitesboro N. Y. Corset-covers and corset-waists.....	51,273	Apr. 10	121	1970

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Power Specialty Co., Detroit, Mich. Tools for cleaning steam-boilers.	50,826	Apr. 3	121	1658
Powers, Lewis J., Springfield, Mass. Writing-paper, envelops, and tablets.	56,178	Aug. 28	123	2970
Prall, Delbert E., Saginaw, Mich. Perfumes.	56,378	Sept. 18	124	902
Pratt, Abram E., New York, N. Y. Compounds for filling teeth and curing toothaches.	54,679	June 26	122	3005
Pratt, Charles G., San Francisco, Cal. Remedy for stomach troubles.	57,228	Nov. 6	125	344
Pratt Company, B. G., New York, N. Y. Insecticides.	54,343	June 26	122	2991
Pratt Food Co., Philadelphia, Pa. Washes or lotions to rid animals of vermin.	51,096	Apr. 3	121	1669
Pratt Food Co., Philadelphia, Pa. Remedies for bloat in animals.	52,790	May 15	122	1040
Pratt Food Company, Philadelphia, Pa. Harness-soap.	56,623	Oct. 9	124	1839
Pratt Food Company, Philadelphia, Pa. Powder to be used as a remedy for fevers.	58,416	Dec. 11	125	2043
Pratt Food Company, Philadelphia, Pa. Remedy for cholera.	58,710	Dec. 25	125	2752
Pratt & Lambert, Buffalo, N. Y. Liquid driers.	50,688	Mar. 27	121	1339
Pratt-Low Preserving Co., San Jose, Cal. Canned fruits and vegetables.	50,623	Mar. 27	121	1336
Pratt-Low Preserving Co., San Jose, Cal. Canned fruits and vegetables.	51,043	Apr. 3	121	1667
Pratt-Low Preserving Co., San Jose, Cal. Canned fruits and vegetables.	53,326	May 29	122	7116
Pratt-Low Preserving Co., San Jose, Cal. Canned fruits and vegetables.	57,658	Nov. 27	125	1339
Premier Motor Manufacturing Company, Indianapolis, Ind. Motor-vehicles commonly known as automobiles.	52,872	May 22	122	1385
Prescott, Amos L., New York, N. Y. Certain named polish.	52,733	May 15	122	1038
Prescott, Amos L., New York, N. Y. Polish.	56,254	Sept. 4	124	314
Prescott, Amos L., New York, N. Y. Polish for stoves and similar articles.	56,624	Oct. 9	124	1839
Prescott, Jesse, Webster, Mass. Wall-ties.	53,185	May 29	122	1710
Preservaline Manufacturing Company, New York, N. Y. Binders, fillers, absorbents, and thickeners used in food products.	56,509	Oct. 2	124	1517
Preservaline Mfg. Co., New York, N. Y. Paste.	49,785	Feb. 13	120	2123
Presto Pharmacal Company, Reading, Pa. Soothing-syrup.	51,097	Apr. 3	121	1669
Presto Pharmacal Company, Reading, Pa. Salves.	51,620	Apr. 17	121	2321
Preston B. Keith Shoe Co., Brockton, Mass. Leather boots, shoes, and slippers.	50,659	Mar. 27	121	1338
Preston B. Keith Shoe Company, Brockton, Mass. Leather boots, shoes, and slippers.	53,228	May 29	122	1712
Preston, John N., Pawtucket, R. I. Liquid preparation for external application.	56,777	Oct. 16	124	2174
Preston Manufacturing Company, Portland, Oreg. Antiseptic and disinfectant mineral soap.	53,731	June 12	122	2378
Pressed Prism Plate Glass Company, Morgan District, W. Va. Slabs or plates of vitreous material.	55,437	Aug. 14	123	2303
Pressed Prism Plate Glass Company, Morgan District, W. Va. Slabs or plates of vitreous material.	55,438	Aug. 14	123	2303
Preventol Chemical Co., St. Louis, Mo. Medicine for the prevention of gonorrhea.	57,520	Nov. 13	125	660
Prewitt-Spurr Mfg. Co., Nashville, Tenn. Certain named wooden receptacles.	49,777	Feb. 13	120	2123
Price Baking Powder Company, Chicago, Ill. Baking-powder.	49,006	Jan. 16	120	899
Price Baking Powder Company, Chicago, Ill. Baking-powder.	50,421	Mar. 13	121	685
Price Baking Powder Company, Chicago, Ill. Baking-powder.	52,734	May 15	122	1038
Price Fireproofing Company, Poughkeepsie, N. Y. Fireproof starch.	52,735	May 15	122	1038
Price Fireproofing Company, Poughkeepsie, N. Y. Fireproof starch.	53,229	May 29	122	1712
Price Fireproofing Company, Poughkeepsie, N. Y. Fireproof starch.	58,417	Dec. 11	125	2043
Price, Joseph M., New York, N. Y. Coffee.	57,128	Nov. 6	125	342
Price's Patent Candle Co. Limited, London, Battersea, and Bromborough Pool Works, England. Soap of all kinds.	51,807	Apr. 24	121	2654
Price's Patent Candle Co. Limited, London, Battersea, and Bromborough Pool Works, England. Illuminating and heating oils.	51,808	Apr. 24	121	2654
Price's Patent Candle Co. Limited, London, Battersea, and Bromborough Pool Works, England. Glycerin.	52,110	May 1	122	343
Price's Patent Candle Company Limited, London, Battersea, and Bromborough Pool Works, England. Candles and tapers.	52,079	May 1	122	342
Prince Mfg Co., New York, N. Y. Metallic paint in dry powder and in oil.	54,414	June 26	122	2994
Prince's Metallic Paint Company, Allentown, Pa. Metallic paint.	50,945	Apr. 3	121	1662
Pritchard, Edward, New York, N. Y. Tomato catsup, relish, and chili sauce.	54,628	June 26	122	3003
Probst, Arthur O., New York, N. Y. Sheetting, shirting, and drills.	58,988	Dec. 25	125	2759
Procter & Gamble Co., Ivorydale and Cincinnati, Ohio, and Kansas City, Kans. Soap for toilet, laundry, and general use.	54,415	June 26	122	2994
Progressive Mfg. Co., Torrington, Conn. Internal-combustion engines.	50,836	Apr. 3	121	1658
Protected Metal Company, Canton, Mass. Metal sheets covered with asbestos and used for roofing.	57,415	Nov. 13	125	657
Protected Metal Company, Canton, Mass. Metal sheets covered with asbestos and used for roofing.	57,472	Nov. 13	125	658
Protopazzi Brothers, London, England. Dried figs.	54,580	June 26	122	3001
Prout & Harsant, London, England, and New York, N. Y. Pills.	58,114	Dec. 4	125	1695
Prout & Harsant, London, England, and New York, N. Y. Pills.	58,115	Dec. 4	125	1695
Prouty-Bowling Soap Company, Des Moines, Iowa. Laundry soap.	51,044	Apr. 3	121	1667
Provident Chemical Works, St. Louis, Mo. Powdered acid phosphate of lime.	51,357	Apr. 10	121	1974
Punch Brothers, St. Louis, Mo. Skirts.	51,098	Apr. 3	121	1669
Purcell Mill & Elevator Company, Purcell, Ind. Ter. Wheat-flour.	50,304	Mar. 6	121	334
Purdy, Charles G., Brooklyn, N. Y. Butter made from nuts.	50,422	Mar. 13	121	685
Pure Oil Company, Philadelphia, Pa. Lubricating-oils.	59,004	Dec. 25	125	2760
Pure Oil Company, Philadelphia, Pa. Lubricating-oils.	59,005	Dec. 25	125	2760
Pure Oil Company, Philadelphia, Pa. Lubricating-oils.	59,006	Dec. 25	125	2760
Pure Oil Company, Philadelphia, Pa. Lubricating-oils.	59,007	Dec. 25	125	2760
Puritan Drug Company, Boston, Mass. Tooth washes and powders.	49,219	Jan. 30	120	1468
Putnam & Co., W. W., Staunton, Va. Organs.	50,072	Mar. 6	121	325
Putnam, F. Henry, Boston, Mass. Medicinal tablets.	56,255	Sept. 4	124	314
Putnam, Frederic H., Boston, Mass. Medicinal tablets.	53,327	May 29	122	1716
Putnam, Frederic H., Boston, Mass. Medicinal tablets or pelloids.	56,379	Sept. 18	124	902
Putnam Hooker Company, Cincinnati, Ohio. Brown and bleached sheetings and drills.	56,733	Oct. 16	124	2173
Quaker City Chocolate and Confectionery Company, Philadelphia, Pa. Chocolate candy.	54,944	Aug. 7	123	1978
Quaker City Chocolate and Confectionery Company, Philadelphia, Pa. Chocolate candy.	54,945	Aug. 7	123	1978
Quaker City Chocolate and Confectionery Company, Philadelphia, Pa. Hard and soft candy.	54,946	Aug. 7	123	1978
Quaker City Chocolate and Confectionery Company, Philadelphia, Pa. Hard and soft candy.	57,604	Nov. 13	125	662
Quaker City Chocolate and Confectionery Company, Philadelphia, Pa. Hard and soft candy.	57,605	Nov. 13	125	662
Quaker Valley Manufacturing Company, Chicago, Ill. Certain named spoons, forks, and knives.	56,579	Oct. 9	124	1837
Queen Manufacturing Company, New York, N. Y. Ladies' dress-waists, dress-skirts, coats, and wraps.	55,987	Aug. 21	123	2621
Quinn-Whiskey Co., Louisville, Ky. Tonic and remedy for certain named diseases.	57,062	Oct. 30	124	2898
Quinn, Edward J., Washington, D. C. Whisky.	49,220	Jan. 30	120	1468
Quinn, Lorenzo D., Athens, Ala. Internal remedy for asthma, catarrh, &c.	51,908	Apr. 24	121	2658
Quinn & Nolan Beverwyck Brewing Company, Albany, N. Y. Lager-beer.	51,249	Apr. 10	121	1669
R. Herschel Manufacturing Co., Peoria, Ill. Mower and reaper knife sections.	57,151	Nov. 6	125	342
R. Hudnut's Pharmacy, New York, N. Y. Toilet water and liquid perfumes.	49,221	Jan. 30	120	1468
R. Hudnut's Pharmacy, New York, N. Y. Toilet water.	49,485	Feb. 6	120	1817
R. Hudnut's Pharmacy, New York, N. Y. Soap.	52,080	May 1	122	342
R. Hudnut's Pharmacy, New York, N. Y. Toilet and sachet powder.	52,160	May 1	122	345
R. Hudnut's Pharmacy, New York, N. Y. Fluid soap.	55,573	Aug. 14	123	2307
R. Hudnut's Pharmacy, New York, N. Y. Cold-cream.	56,854	Oct. 23	124	2528

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	Vol.	Page.
R. Hudnut's Pharmacy, New York, N. Y. Liquid and powdered perfumes	56,855	Oct. 23	124	2528	
R. Hudnut's Pharmacy, New York, N. Y. Tooth-powder	57,064	Oct. 30	124	2898	
R. Hudnut's Pharmacy, New York, N. Y. Toilet water and liquid perfume	58,048	Dec. 4	125	1694	
R. Hudnut's Pharmacy, New York, N. Y. Face-powder	58,049	Dec. 4	125	1693	
R. Hudnut's Pharmacy, New York, N. Y. Talcum powder	58,087	Dec. 4	125	1693	
R. Schiffmann Company, St. Paul, Minn. Remedy for certain named diseases	51,358	Apr. 10	121	1974	
R. Wallace & Sons Mfg. Co., Wallingford, Conn. Knives, forks, and spoons which are made of steel and tinned	48,527	Jan. 2	120	313	
R. Wallace & Sons Mfg. Co., Wallingford, Conn. Sterling silver ware	54,561	June 26	122	3000	
R. E. Dietz Company, New York, N. Y. Lantern-burners	52,817	May 15	122	1041	
R. E. Dietz Company, New York, N. Y. Lamps and lanterns and parts thereof	54,289	June 26	122	2989	
R. E. Dietz Company, New York, N. Y. Tubular lamps and lanterns and parts thereof	56,201	Sept. 4	124	315	
R. E. Dietz Company, New York, N. Y. Oil-burning dark-room lamps	57,003	Oct. 30	124	2896	
R. E. Dietz Company, New York, N. Y. Tubular lanterns	57,759	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Oil-burning lamps and lanterns	57,760	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,761	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,762	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,763	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,764	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,765	Nov. 27	125	1342	
R. E. Dietz Company, New York, N. Y. Oil-burning lamps and lanterns	57,793	Nov. 27	125	1343	
R. E. Dietz Company, New York, N. Y. Oil-burning lamps and lanterns	57,794	Nov. 27	125	1343	
R. E. Dietz Company, New York, N. Y. Oil-burning vehicle-lamps	57,795	Nov. 27	125	1343	
R. E. Dietz Company, New York, N. Y. Oil-burning engine, switch, and rear-signal lamps	57,796	Nov. 27	125	1343	
R. E. Dietz Company, New York, N. Y. Oil-burning vehicle-lamps	57,797	Nov. 27	125	1343	
R. E. Dietz Company, New York, N. Y. Oil-burning engine, switch, and rear-signal lamps	57,798	Nov. 27	125	1343	
R. E. Dietz Company, New York, N. Y. Oil-burning vehicle-lamps	57,922	Dec. 4	125	1690	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	57,923	Dec. 4	125	1690	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	57,924	Dec. 4	125	1690	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,925	Dec. 4	125	1690	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	57,926	Dec. 4	125	1690	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	57,977	Dec. 4	125	1691	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	57,978	Dec. 4	125	1691	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	57,979	Dec. 4	125	1691	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	58,000	Dec. 4	125	1692	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	58,001	Dec. 4	125	1692	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	58,002	Dec. 4	125	1692	
R. E. Dietz Company, New York, N. Y. Oil-burning lamps and lanterns	58,003	Dec. 4	125	1692	
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns	58,037	Dec. 4	125	1693	
R. E. Dietz Company, New York, N. Y. Burners for oil-burning lamps and lanterns	58,038	Dec. 4	125	1693	
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns	58,315	Dec. 11	125	2041	
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns	58,316	Dec. 11	125	2041	
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns	58,317	Dec. 11	125	2041	
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns	58,318	Dec. 11	125	2041	
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns	58,319	Dec. 11	125	2041	
R. E. Dietz Company, New York, N. Y. Oil-burning lamps	58,499	Dec. 18	125	2354	
R. E. Wathen & Company, Louisville, Ky. Whisky	56,651	Oct. 16	124	2171	
R. L. Perry Co., Boston, Mass. Chocolates and bonbons	48,511	Jan. 2	120	317	
R. L. Perry Co., Boston, Mass. Chocolates and bonbons	50,287	Mar. 6	121	334	
R. L. Perry Co., Boston, Mass. Chocolates and bonbons	50,689	Mar. 27	121	1339	
R. L. Perry Co., Boston, Mass. Chocolates and bonbons	53,357	May 29	122	1717	
R. M. Rose Co., Atlanta, Ga. Whisky	51,571	Apr. 17	121	2319	
R. M. Rose Co., Atlanta, Ga. Whisky	58,349	Dec. 11	125	2042	
R. M. Rose Co., Atlanta, Ga. Whisky	58,350	Dec. 11	125	2042	
R. & W. Jenkinson Co., Pittsburg, Pa. Stogies	50,015	Feb. 27	120	2748	
R. & W. Jenkinson Co., Pittsburg, Pa. Cigars	50,016	Feb. 27	120	2748	
R. & W. Jenkinson Co., Pittsburg, Pa. Stogies	50,737	Mar. 27	121	1341	
Racine Boat Manufacturing Company, Muskegon, Mich. Certain named boats	58,016	Dec. 4	125	1692	
Racine Feet Knitting Company, Racine, Wis. Hosiery	57,837	Nov. 27	125	1344	
Radam, Ida, New York, N. Y. Microbe-killer	50,521	Mar. 20	121	1006	
Radam, Ida, New York, N. Y. Microbe-killer	52,499	May 8	122	723	
Radcliffe & Company, New York, N. Y. Bridge-whist score-cards	58,803	Dec. 25	125	2754	
Radermacher, John L., New York, N. Y. Mattresses	51,197	Apr. 10	121	1974	
Radio-Sulpho Co., Denver, Colo. Remedies for certain named diseases	48,533	Jan. 2	120	318	
Rahn, Charles C., Thompsonville, Conn. Certain named tobacco products	56,991	Oct. 30	124	2896	
Rahtjen's American Composition Company, New York, N. Y. Anticorrosive and antifouling paint	55,908	Aug. 21	123	2619	
Railroad Gazette, New York, N. Y. Weekly journal	57,065	Oct. 30	124	2898	
Railway Educational Association, New York, N. Y. Educational books for railway employees	52,700	May 15	122	1036	
Railway Educational Association, New York, N. Y. Educational books for railway employees	52,701	May 15	122	1036	
Railway Educational Association, New York, N. Y. Educational books for railway employees	54,251	June 26	122	2988	
Railway Equipment & Publication Co., New York, N. Y. Serial publications	54,855	July 31	123	1659	
Railway Equipment & Publication Co., New York, N. Y. Serial publications	54,856	July 31	123	1659	
Railway Steel-Spring Company, Jersey City, N. J., and New York, N. Y. Metal pipe-flanges, metal bands, and rings	58,958	Dec. 25	125	2758	
Raimer Heiny Co., Danville, Ill. Tonic	58,418	Dec. 11	125	2043	
Raimer-Heiny Co., Danville, Ill. Tomato tonic and beverage	54,177	June 19	122	2684	
Rall, Charles E., Detroit, Mich. Candies and chocolates	58,153	Dec. 4	125	1696	
Ralli Brothers, New York, N. Y. Binding-cords of jute fiber	56,625	Oct. 9	124	1839	
Ralph, James, Rodney, Ontario, Canada. Embalming fluid	56,464	Sept. 25	124	1202	
Ralston Purina Co., St. Louis, Mo. Stock-feed	51,428	Apr. 17	121	2313	
Ramage, James S., Chicago, Ill. Preparations for the teeth	58,840	Dec. 25	125	2755	
Ramage, James S., Chicago, Ill. Preparations for the skin and complexion	58,841	Dec. 25	125	2755	
Randall-Adams Co., Lynn, Mass. Leather boots and shoes	52,217	May 1	122	347	
Randall Mattress Company, Cleveland, Ohio. Mattresses, pillows, and feathers	51,000	Apr. 3	121	1665	
Randolph Milling Company, Baldwin, Ill. Wheat-flour	54,210	June 19	122	2685	
Ransom & Randolph Co., Toledo, Ohio. Fire and acid proof composition	53,640	June 5	122	2058	
Ransom & Randolph Company, Toledo, Ohio. Cast dentures	57,899	Dec. 4	125	1689	
Raphael Tuck and Sons Co., Ltd., New York, N. Y. Art-lithographs	49,130	Jan. 23	120	1159	
Raphael Tuck & Sons Co. Ltd., New York, N. Y. Pictorial post-cards	55,028	Aug. 7	123	1980	
Raphael & Zeugschmidt, Pittsburg, Pa. Whisky	49,222	Jan. 30	120	1468	
Raphael & Zeugschmidt, Pittsburg, Pa. Whisky	49,223	Jan. 30	120	1468	
Raphael & Zeugschmidt, Pittsburg, Pa. Whisky	58,028	Dec. 4	125	1693	
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers	53,682	June 12	122	2376	
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers	53,683	June 12	122	2376	
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers	53,684	June 12	122	2376	
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers	53,708	June 12	122	2377	

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers.....	53,959	June 19	122	2675
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers.....	55,709	Aug. 21	123	2614
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers.....	57,624	Nov. 20	125	987
Rasin-Monumental Company of Anne Arundel County, Baltimore, Md. Fertilizers.....	57,625	Nov. 20	125	987
Rath, Chas., Philadelphia, Pa. Metal-polishes.....	52,702	May 15	122	1037
Raven Gloss Mfg. Co., New York, N. Y. Dressings or polish for tan or russet shoes and leather.....	57,626	Nov. 20	125	987
Ray Chemical Co., Detroit, Mich. Nitrogen-fixing bacteria.....	58,500	Dec. 18	125	2355
Ray, Rachel B., Eureka Springs, Ark. Ointment.....	50,730	Mar. 27	121	1341
Raymond, George T., New York, N. Y. Medicated plasters.....	55,549	Aug. 14	123	2306
Rea, Charles L., New York, N. Y. Veterinary gall-ointments, healing-powders, and liniments.....	54,362	June 26	122	2992
Rea-Patterson Milling Company, Coffeyville, Kans. Wheat-flour.....	54,386	June 26	122	2993
Rea-Patterson Milling Company, Coffeyville, Kans. Wheat-flour.....	54,387	June 26	122	2993
Read, Benjamin S., Bryan, Tex. Specific for treatment of the liver.....	55,710	Aug. 21	123	2614
Read Carpet Company, Bridgeport, Conn. Rugs.....	49,743	Feb. 13	120	2122
Read, Lawson O., Memphis, Tenn. Medicinal beverage.....	55,646	Aug. 21	123	2612
Read, Samuel H., New Haven, Conn. Substitute for lard.....	55,186	Aug. 7	123	1984
Reade, William J., New York, N. Y. Weed-destroyer.....	48,757	Jan. 9	120	652
Reading Hardware Company, Reading, Pa., assignor to Columbian Hardware Company, Cleveland, Ohio. Hinges.....	58,692	Dec. 25	125	2751
Reavis Distributing Co., Jackson, Tenn. Carbonated tonic beverages.....	56,879	Oct. 23	124	2529
Rebboli Sons Co., Worcester, Mass. Candy.....	56,256	Sept. 4	124	314
Records & Goldsborough, Baltimore, Md. Whisky.....	58,320	Dec. 11	125	2011
Red Cross Company, Boston, Mass. Certain named surgical dressings.....	58,017	Dec. 4	125	1692
Red Diamond Clothing Co., St. Louis, Mo. Overalls, coats, and trousers.....	51,154	Apr. 3	121	1671
Red Jacket Manufacturing Company, Davenport, Iowa. Piston well-pumps.....	52,372	May 8	122	717
Red Snapper Sauce Co., Memphis, Tenn. Sauces and relishes.....	50,385	Mar. 13	121	683
Red Star Trading Stamp Co., Newark, N. J. Trading-stamps.....	57,900	Dec. 4	125	1689
Reddick, William A., Niles, Mich. Animal-traps.....	53,641	June 5	122	2058
Redlands Home Company, Redlands, Cal. Leather strop for stropping razors.....	56,543	Oct. 2	124	1518
Reed & Barton Corporation, Taunton, Mass. Hollow silverware.....	54,119	June 19	122	2682
Reed & Company, Henry B., Manchester, N. H. Men's leather boots, and particularly waterproof boots.....	57,387	Nov. 13	125	656
Reed and Gamage, Gloucester, Mass. Dry, pickled, and canned fish.....	48,718	Jan. 9	120	651
Reed and Gamage, Gloucester, Mass. Salted, smoked, fresh, and canned fish, except canned lobsters, mackerel, clams, clam-chowder, and salmon.....	55,988	Aug. 21	123	2621
Reed Manufacturing Co., Newark, N. Y. Culinary utensils made of tinware.....	53,150	May 29	122	1709
Reed Manufacturing Co., Newark, N. Y. Household utensils made of enameled metal ware.....	55,336	Aug. 14	123	2301
Reed Manufacturing Co., Newark, N. Y. Culinary articles made of tinware.....	56,853	Oct. 23	124	2528
Reeves & Co., J. S., Nashville, Tenn. Woven cotton piece goods.....	54,178	June 19	122	2684
Reeves & Co., J. S., Nashville, Tenn. Knitted underwear and hosiery.....	57,627	Nov. 20	125	987
Reeves, Walter M., Los Angeles, Cal. Picture-cards.....	58,612	Dec. 18	125	2357
Regent Shirt Company, New York, N. Y. Certain named shirts.....	55,136	Aug. 7	123	1983
Regent Shirt Company, New York, N. Y. Certain named shirts.....	55,439	Aug. 14	123	2303
Regent Wine Company, New York, N. Y. Wines and champagnes.....	57,229	Nov. 6	125	344
Regina Company, Rahway, N. J. Certain named musical instruments.....	58,661	Dec. 18	125	2359
Regnell, Bigney and Co., Attleboro, Mass. Imitations of precious stones for jewelry.....	49,870	Feb. 20	120	2436
Regnell, Bigney and Co., Attleboro, Mass. Pins, bracelets, and chains.....	58,039	Dec. 4	125	1693
Reichfeld, Herrman, New York, N. Y. Preserved beef-tongue.....	56,692	Oct. 16	124	2172
Reichhelm & Co., E. P., New York, N. Y. Jewelers' saws.....	56,566	Oct. 9	124	1837
Reiling, David & Schoen, New York, N. Y. Certain named piece goods.....	56,652	Oct. 16	124	2171
Reiling, David & Schoen, New York, N. Y. Poplin piece goods.....	56,970	Oct. 30	124	2895
Reimers, Reimer, Moline, Ill. Cigars, stogies, tobacco cigarettes, and smoking-tobacco.....	57,004	Oct. 30	124	2896
Reimert, Adolphus, New York, N. Y. Cordial for blending whiskies.....	50,660	Mar. 27	121	1338
Reimert, Adolphus, New York, N. Y. Tom and jerry.....	56,082	Aug. 21	123	2624
Reimert Publishing Co., Denver, Colo. Newspapers.....	57,947	Dec. 4	125	1691
Reins & Meiss, Cincinnati, Ohio. Hosiery.....	53,868	June 12	122	2383
Reinschuld, Carl, New York, N. Y. Tonic.....	57,870	Nov. 27	125	1345
Reisch Brewing Co., Springfield, Ill. Beer.....	56,934	Oct. 23	124	2530
Reisinger, Hugo, New York, N. Y. Carbons for electrical purposes.....	52,668	May 15	122	1035
Reliable Flour Company, Boston, Mass. Self-raising prepared flour.....	56,083	Aug. 21	123	2624
Reliable Poultry Journal Publishing Co., Quincy, Ill. Magazine or periodical.....	55,440	Aug. 14	123	2303
Remppis, W. F., Reading, Pa. Motor-cycles.....	49,348	Jan. 30	120	1473
Remsen, George W., Philadelphia, Pa. Certain named remedy.....	55,711	Aug. 21	123	2614
Renal Pharmacal Co., Mount Vernon, N. Y. Rheumatic cure.....	50,288	Mar. 6	121	334
Renal Pharmacal Co., Mount Vernon, N. Y. Remedy for diabetes.....	50,289	Mar. 6	121	334
Renfrew Manufacturing Company, Adams, Mass. Cotton piece goods.....	48,645	Jan. 9	120	648
Rendle, Arthur E., New York, N. Y. Windows and skylights.....	53,563	June 5	122	2055
Renton, Edward, Trenton, N. J., assignor to R. A. Boehlke, Philadelphia, Pa. Mechanical illusion apparatus.....	54,344	June 26	122	2991
Renziehausen, Frederick C., Pittsburg, Pa. Whisky.....	52,184	May 1	122	346
Renziehausen, Frederick C., Pittsburg, Pa. Whisky.....	57,723	Nov. 27	125	1341
Reo Car Co., Lansing, Mich. Automobile vehicles.....	54,722	June 26	122	3007
Repsold, Amandus, San Francisco, Cal. Brandy.....	56,626	Oct. 9	124	1839
Republic Belting & Supply Co., Cleveland, Ohio. Leather belting.....	54,581	June 26	122	3001
Republic Marble Company, Knoxville, Tenn. Marble in blocks and slabs.....	55,574	Aug. 14	123	2307
Republic Metalware Company, Buffalo, N. Y. Cake and pie tins.....	55,337	Aug. 14	123	2301
Republic of France, Paris, France. Smoking-tobacco, chewing-tobacco, snuff, and tobacco extracts.....	51,452	Apr. 17	121	2314
Republic of France, Paris, France. Smoking-tobacco.....	51,453	Apr. 17	121	2314
Retardo Fire-Proofing Co., Milwaukee, Wis. Fireproof paint.....	57,681	Nov. 27	125	1340
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,005	Oct. 30	124	2896
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,230	Nov. 6	125	344
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,252	Nov. 6	125	345
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,359	Nov. 13	125	655
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,371	Nov. 13	125	656
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,388	Nov. 13	125	656
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,389	Nov. 13	125	656
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,402	Nov. 13	125	657
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,403	Nov. 13	125	657
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,432	Nov. 13	125	657
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	57,473	Nov. 13	125	659
Revere Rubber Company, Boston, Mass. Belting and hose.....	58,351	Dec. 11	125	2042
Revere Rubber Company, Boston, Mass. Belting and machinery packings.....	58,375	Dec. 11	125	2042
Revere Rubber Company, Boston, Mass. Horseshoe-nads.....	58,376	Dec. 11	125	2042
Reversible Collar Company, Boston and Cambridge, Mass. Shirt-fronts and false shirt-bosoms.....	51,595	Apr. 17	121	2320
Review Publishing Company, New York, N. Y. Monthly magazine.....	50,158	Mar. 6	121	329
Review Publishing Company, New York, N. Y. Semimonthly magazine.....	57,606	Nov 13	125	662

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Vol.	Page.
Review Publishing Company, New York, N. Y. Semimonthly periodical.....	58,730	Dec. 25	125	2755
Rex Chemical Co., Toledo, Ohio. Certain named medicine.....	51,250	Apr. 10	121	1969
Rex Fluid Company, Des Moines, Iowa. Embalming fluids.....	58,088	Dec. 4	125	1694
Rex Manufacturing Co., Oakland, Cal. Building-paper.....	56,795	Oct. 16	124	2175
Roymer & Brothers, Incorporated, Pittsburg, Pa. Candy.....	48,526	Jan. 2	120	318
Roymer & Brothers, Incorporated, Pittsburg, Pa. Candy.....	49,486	Feb. 6	120	1817
Roymer & Brothers, Incorporated, Pittsburg, Pa. Candy.....	50,690	Mar. 27	121	1339
Roymer & Brothers, Incorporated, Pittsburg, Pa. Candy.....	53,564	June 5	122	2055
Roymer & Brothers, Incorporated, Pittsburg, Pa. Candy.....	54,524	June 26	122	2999
Roymer & Brothers, Incorporated, Pittsburg, Pa. Cigars.....	55,550	Aug. 14	123	2306
Reynolds "Aertite" Carton Co., Dayton, Ohio. Paper cartons.....	55,575	Aug. 14	123	2307
Reynolds, Bion F., Brockton, Mass. Leather boots and shoes.....	51,198	Apr. 10	121	1967
Reynolds & Co., James E., New York, N. Y. Carpet-warps.....	53,358	May 29	122	1717
Reynolds, James E., New York, N. Y. Carpet-warps.....	52,373	May 8	122	717
Reynolds, James E., East Orange, N. J. Sheetings.....	58,598	Dec. 18	125	2357
Rheinstrom, Bettman, Johnson & Co., Cincinnati, Ohio. Cocktails.....	58,352	Dec. 11	125	2042
Rheinstrom, Bettman, Johnson & Co., Cincinnati, Ohio. Preserved fruits.....	58,352	Dec. 18	125	2359
Rheumatic King Co., Traverse City, Mich. Remedies for certain named diseases.....	56,778	Oct. 16	124	2174
Rhinol Medicine Co., Carrollton, Mo. Veterinary remedy for poll-evil and fistula.....	55,619	Aug. 21	123	2611
Rhoads & Sons, J. E., Philadelphia, Pa., and Wilmington, Del. Leather belting and leather pack- ing.....	56,567	Oct. 9	124	1837
Rhoads & Sons, J. E., Philadelphia, Pa., and Wilmington, Del. Leather belting and leather pack- ing.....	56,568	Oct. 9	124	1837
Rhomberg Bros. & Co., Dubuque, Iowa. Whisky.....	53,606	June 5	122	2056
Rhomberg Bros. & Co., Dubuque, Iowa. Whisky.....	53,642	June 5	122	2058
Rhuma-Sulphur Co., St. Louis, Mo. Germicides.....	50,531	Mar. 20	121	1006
Rice & Co., A. H., Pittsfield, Mass. Plain braids.....	51,945	Apr. 24	121	2660
Rice & Co., A. H., Pittsfield, Mass. Silk thread.....	53,104	May 29	122	1707
Rice, Erie H., Jamestown, N. Y. Skin-food or massage-cream.....	54,680	June 26	122	3005
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	51,848	Apr. 24	121	2656
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins, Incorporated. Leather boots and shoes and leather used in their manufacture.....	52,000	May 1	122	338
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins, Incorporated. Leather boots and shoes and leather used in their manufacture.....	52,628	May 15	122	1034
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Rub- ber boots and shoes of all kinds.....	54,525	June 26	122	2999
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	54,526	June 26	122	2999
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,313	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,314	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,315	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,316	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,317	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,318	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,319	Aug. 14	123	2300
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,360	Aug. 14	123	2301
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	55,712	Aug. 21	123	2614
Rice and Hutchins Incorporated. (See Rice & Hutchins Incorporated, assignor.).....				
Rice & Hutchins, Incorporated, Boston, Mass. Leather boots and shoes and leather used in their manufacture.....	56,944	Oct. 23	124	2530
Rice & Hutchins Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	57,044	Oct. 30	124	2897
Rice & Hutchins Incorporated, Boston, Mass., assignor to Rice and Hutchins Incorporated. Leather boots and shoes and leather used in their manufacture.....	57,182	Nov. 6	125	343
Rice & Hutchins, Incorporated, Boston, Mass., assignor to Rice and Hutchins, Incorporated. Leather boots and shoes and leather used in their manufacture.....	57,231	Nov. 6	125	345
Rice, Stearns & Co., Hanford, Cal. Foot-powder.....	52,474	May 8	122	721
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	51,535	Apr. 17	121	2317
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	51,536	Apr. 17	121	2317
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	51,596	Apr. 17	121	2320
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	51,597	Apr. 17	121	2320
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	54,290	June 26	122	2989
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	54,291	June 26	122	2989
Rice, Stix Dry Goods Company, St. Louis, Mo. Men's and boys' outer and dress shirts and blouses.....	56,084	Aug. 21	123	2624
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.....	58,263	Dec. 11	125	2039
Rice, William S., Adams, N. Y. Medicated pads.....	58,450	Dec. 18	125	2353
Rice's Sons, Bernard, New York, N. Y. Silver-plated hollow ware.....	55,248	Aug. 7	123	1986
Richard B. Green & Co., Limited, Liverpool, England. Canned and tinned salmon.....	53,792	June 12	122	2380
Richard Young Company, New York, N. Y. Tanned sheepskins.....	49,725	Feb. 13	120	2121
Richard Young Company, New York, N. Y. Sheepskins having a special finish.....	52,818	May 15	122	1041
Richards, Albert B., Sherman, Tex. Tonic remedy for certain named diseases.....	54,983	Aug. 7	123	1970
Richards, Albert B., Sherman, Tex. Remedy for skin diseases and eruptions.....	55,620	Aug. 21	123	2611
Richards, Albert B., Sherman, Tex. Liniment.....	55,713	Aug. 21	123	2614
Richards, Ed. T., Chicago, Ill. Powdered nerve and muscle tonic.....	52,500	May 8	122	723
Richards, Edwin G., Sharon, Mass. Self-rising flour.....	54,388	June 26	122	2993
Richardson & Boynton Company, New York, N. Y. Stoves, ranges, heaters, furnaces, and parts thereof.....	51,570	Apr. 17	121	2319
Richardson Brunsing Co., San Francisco, Cal. Whisky.....	54,681	June 26	122	3005
Richardson, George, Grayslake, Ill. Remedies for asthma.....	51,215	Apr. 10	121	1968
Richardson, Roberts Dry Goods Co., St. Joseph, Mo. Dress-shirts.....	49,726	Feb. 13	120	2121
Richardson, Roberts Dry Goods Co., St. Joseph, Mo. Pants, overalls, coats, and vests.....	50,988	Apr. 3	121	1664
Richardson Roberts Dry Goods Co., St. Joseph, Mo. Hosiery.....	51,690	Apr. 24	121	2649
Richford Garment Company, Richford, Vt. Overalls, bibs, and coats.....	53,860	June 12	122	2383
Richmond & Backus Co., Detroit, Mich. Ledgers.....	52,305	May 8	122	714
Richmond Cedar Works, Richmond, Va. Ice-cream freezers.....	56,945	Oct. 23	124	2530
Richter, Friedrich A., New York, N. Y., and Rudolstadt, Germany. Perfuming extracts.....	53,643	June 5	122	2058

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Liniment.	54,292	June 26	122	2989
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Music-boxes.	54,582	June 26	122	3001
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Toy stone building-blocks.	58,567	Dec. 18	125	2356
Ridenour-Baker Grocery Company, Kansas City, Mo. Coffee.	51,155	Apr. 3	121	1671
Rieger & Lindley, Salt Lake City, Utah. Whisky.	58,245	Dec. 11	125	2039
Ries, Jacob, Shakopee, Minn. Carbonated tonic beverage.	53,644	June 5	122	2058
Ries, Jacob, Shakopee, Minn. Carbonated tonic beverage.	53,645	June 5	122	2058
Ries, Jacob, Shakopee, Minn. Carbonated tonic beverage.	54,610	June 26	122	3002
Ries, Jacob, Shakopee, Minn. Table-water.	55,714	Aug. 21	123	2614
Rife Hyd. Engine Mfg. Co., New York, N. Y., and Waynesboro, Va. Hydraulic engines and rams.	49,296	Jan. 30	120	1471
Riggs, George C., New York, N. Y. Linen and linen piece goods.	52,475	May 8	122	721
Rightmire, Thomas F., New York, N. Y. Horseradish.	51,823	Apr. 24	121	2655
Riley & Co., Wm. B., Philadelphia, Pa. Horse-blankets.	50,055	Feb. 27	120	2750
Riley, Wm. E., Louisville, Ky. Non-alcoholic tonic beverage.	58,869	Dec. 25	125	2756
Rinald Bros., Philadelphia, Pa. Paint for metallic surfaces.	48,666	Jan. 9	120	649
Rincones, Pedro R., New York, N. Y. Coffee.	58,154	Dec. 4	125	1696
Rindge Kalmbach Logie & Co., Ltd, Grand Rapids, Mich. Leather boots, shoes, and slippers.	50,522	Mar. 20	121	1006
Rinehart, Amanda M., North Yakima, Wash. Tablets, pastils, suppositories, and injections.	58,419	Dec. 11	125	2043
Ring Paper Clip Company, Providence, R. I. Spring paper-clips.	53,273	May 29	122	1714
Rio Chemical Co., New York, N. Y. Uterine tonic and restorative.	49,814	Feb. 20	120	2434
Riordan, Charles F., Boston, Mass. Whisky.	49,977	Feb. 27	120	2747
Ripans Chemical Co., New York, N. Y. Remedy for certain named diseases.	56,465	Sept. 25	124	1202
Ripans Chemical Co., New York, N. Y. Remedy for certain named diseases.	56,483	Sept. 25	124	1203
Rippen, Herman, Perth Amboy, N. J. Smoking and chewing tobacco.	55,249	Aug. 7	123	1986
Rippen, Herman, Perth Amboy, N. J. Smoking and chewing tobacco.	55,576	Aug. 14	123	2307
Rippen, Herman, Perth Amboy, N. J. Smoking and chewing tobacco.	58,451	Dec. 18	125	2353
Ritter Dental Mfg. Co., Rochester, N. Y. Dental chairs.	50,556	Mar. 20	121	1007
Ritter Dental Mfg. Co., Rochester, N. Y. Dental chairs.	50,557	Mar. 20	121	1007
Ritter Dental Mfg. Co., Rochester, N. Y. Dental chairs.	56,946	Oct. 23	124	2530
River Co., Waterbury, Conn. Corrugated brass shoe-nails.	52,022	May 1	122	339
Riverside Metal Co., Riverside, N. J. Metallic alloy and articles of which such alloy forms a part.	48,706	Jan. 9	120	650
Riverside Navel Orange Company, Riverside, Cal. Oranges, lemons, grape-fruit, and citron.	51,703	Apr. 24	121	2630
Roaring Spring Blank Book Co., Roaring Spring, Pa. Blank books, tablets, ruled and flat papers.	49,487	Feb. 6	120	1817
Robards Tobacco Company, Mayfield, Ky. Tobacco twists.	58,501	Dec. 18	125	2355
Robert B. Brown Oil Company, St. Louis, Mo. Castor-oil.	56,528	Oct. 2	124	1518
Robert F. Mackenzie Co., Cleveland, Ohio. Molasses taffy, candy kisses, and other candies.	48,516	Jan. 2	120	317
Robert F. Mackenzie Co., Cleveland, Ohio. Candy.	53,010	May 22	122	1390
Robert F. Mackenzie Co., Cleveland, Ohio. Cough-drops.	53,646	June 5	122	2058
Robert F. Mackenzie Co., Cleveland, Ohio. Candy.	53,732	June 12	122	2378
Robert H. Foerderer, Inc., Philadelphia, Pa. Leather for the uppers of shoes.	48,510	Jan. 2	120	317
Robert H. Foerderer, Incorporated, Philadelphia, Pa. Leather for the uppers of shoes.	48,829	Jan. 16	120	893
Robert Porter & Company, Limited, London, England. Beer.	55,273	Aug. 14	123	2299
Robert Smith Ale Brewing Co., Philadelphia, Pa. Ale.	52,469	May 8	122	721
Robert Smith Ale Brewing Company, Philadelphia, Pa. Ale.	50,917	Apr. 3	121	1661
Robert Smith Ale Brewing Company, Philadelphia, Pa. Stout.	53,407	June 5	122	2048
Robert Smith Ale Brewing Company, Philadelphia, Pa. Stout.	53,408	June 5	122	2048
Roberts, Johnson & Rand Shoe Co., St. Louis, Mo. Leather boots and shoes.	49,539	Feb. 6	120	1819
Roberts, Johnson & Rand Shoe Co., St. Louis, Mo. Leather boots and shoes.	49,540	Feb. 6	120	1819
Roberts, Johnson & Rand Shoe Co., St. Louis, Mo. Leather boots and shoes.	49,541	Feb. 6	120	1820
Roberts, Joseph C., Portland, Oreg. Mattresses.	55,338	Aug. 14	123	2301
Robertson, Arthur R., Boston, Mass. Hammers.	49,590	Feb. 13	120	2116
Robertson, Arthur R., Boston, Mass. Hammers.	51,501	Apr. 17	121	2316
Robertson & Son, John, Bellows Falls, Vt. Toilet-paper.	53,812	June 12	122	2381
Robie, George T., Chicago, Ill. Sewing-machine needles.	55,137	Aug. 7	123	1983
Robie, George T., Chicago, Ill. Sewing-machine oil.	55,407	Aug. 14	123	2303
Robie, George T., Chicago, Ill. Sewing-machine needles.	57,948	Dec. 4	125	1691
Robins Conveying Belt Company, New York, N. Y. Machinery for conveying and hoisting.	57,819	Nov. 27	125	1344
Robinson and Aronheim, Detroit, Mich. Whisky.	56,653	Oct. 16	124	2171
Robinson, Louis, New York, N. Y. Pants and trousers.	57,799	Nov. 27	125	1343
Robinson & Parker, Carrollton, Ala. Whisky.	57,474	Nov. 13	125	659
Robinson & Parker, Carrollton, Ala. Whisky.	57,569	Nov. 13	125	661
Roby, Frank F., Kearney, Nebr. Wheat-flour.	55,187	Aug. 7	123	1984
Rochester Candy Works, Rochester, N. Y. Candies.	53,607	June 5	122	2057
Rochester Nonrust Tinware Co., Rochester, N. Y. Sheet-metal vessels for domestic or household purposes.	52,561	May 15	122	1031
Rochester Panoramic Camera Company, Rock Springs, Wyo. Panoramic cameras.	51,824	Apr. 24	121	2655
Rochester, Richmond, New York, N. Y. Vegetable-fiber rope, cord, and twine.	54,252	June 26	122	2988
Rock Hill Buggy Co., Rockhill, S. C. Buggies and carriages.	51,664	Apr. 17	121	2322
Rock Hill Buggy Co., Rockhill, S. C. Buggies and carriages.	51,665	Apr. 17	121	2322
Rock Hill Buggy Co., Rock Hill, S. C. Buggies and carriages.	54,947	Aug. 7	123	1978
Rock Plaster Co. of New York & New Jersey, New York, N. Y. Lime and plaster.	52,588	May 15	122	1032
Rock Plaster Company of New York and New Jersey, New York, N. Y. Lime.	56,257	Sept. 4	124	314
Rock-Spring Distg. Co., Owensboro, Ky. Whisky.	50,208	Mar. 6	121	330
Rockey, Joseph W., Miamisburg, Ohio. Peach-trees.	52,081	May 1	122	342
Rockford Silver Plate Co., Rockford, Ill. Sterling and solid silverware.	56,380	Sept. 18	124	902
Rock Watch Co., New York, N. Y. Watch-dials and watch-movements.	55,647	Aug. 21	123	2612
Rodearmel, Montgomery G., Minneapolis, Minn. Knives and slicers.	48,719	Jan. 9	120	651
Roderick Lean Manufacturing Co., Mansfield, Ohio. Harrows.	53,105	May 29	122	1707
Roderick Lean Manufacturing Company, Mansfield, Ohio. Harrows, drills, and cultivators.	58,452	Dec. 18	125	2353
Rodriguez, Arguelles & Company, Havana, Cuba. Cigars.	51,691	Apr. 24	121	2649
Rodriguez, Arguelles & Company, Havana, Cuba. Cigars.	51,714	Apr. 24	121	2650
Rodwell Sign Co., Buffalo, N. Y. Glass and metal advertising-signs.	48,720	Jan. 9	120	651
Rodwell Sign Co., Buffalo, N. Y. Glass and metal advertising-signs.	48,721	Jan. 9	120	651
Roe, Wm. H., New York, N. Y. Silk dress goods.	52,339	May 8	122	716
Roessler & Hasslacher Chemical Co., New York, N. Y. Chemicals for the ceramic arts.	48,770	Jan. 9	120	653
Roessler & Hasslacher Chemical Co., New York, N. Y. Chemical compound for producing hydrogen.	56,594	Oct. 9	124	1838
Roessler & Hasslacher Chemical Co., New York, N. Y. Liquid preparation for gilding.	57,740	Nov. 27	125	1341
Roessler & Hasslacher Chemical Co., New York, N. Y. Material for insulation.	58,199	Dec. 11	125	2038
Roessler & Hasslacher Chemical Co., New York, N. Y. Chemical compound.	58,693	Dec. 25	125	2751
Roessler & Hasslacher Chemical Co., New York, N. Y. Ferro alloys and metals used for alloying in steel-making.	58,959	Dec. 25	125	2758
Roewekamp Bros., Oshkosh, Wis. Whisky.	58,264	Dec. 11	125	2039
Rogers & Hubbard Co., Middletown, Conn. Bone rings.	51,274	Apr. 10	121	1970
Rogers & Hubbard Co., Middletown, Conn. Bone for case-hardening, coloring, and annealing.	52,082	May 1	122	342
Rogers Paper Mfg. Co., Inc'd, Manchester, Conn. Press-board or press-paper.	51,330	Apr. 10	121	1973

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Rogers Paper Mfg. Co. Inc., South Manchester, Conn. Press-board or press-paper.....	54,629	June 26	122	3003
Rogers Paper Mfg. Co. Inc., South Manchester, Conn. Press-board or press-paper.....	54,682	June 26	122	3005
Rogers, Richard J., New York, N. Y. Sardines.....	58,200	Dec. 11	125	2038
Rogers & Thompson, New York, N. Y. Silk piece goods having a rough surface.....	49,871	Feb. 20	120	2436
Rogers & Thompson, New York, N. Y. Silk piece goods.....	52,023	May 1	122	339
Rogers & Thompson, assignors to Rogers & Thompson, New York, N. Y. Silk dress goods in the piece.....	53,647	June 5	122	2058
Rogers & Thompson, assignor to Rogers & Thompson, New York, N. Y. Silk dress goods in the piece.....	55,138	Aug. 7	123	1983
Rohe & Brother, New York, N. Y. Sausages.....	55,989	Aug. 21	123	2621
Rokeach, Aaron, New York, N. Y. Toilet and scouring soap.....	58,804	Dec. 25	125	2754
Rolka & Klein, New York, N. Y. Razors, razor-blades, shears, and scissors.....	58,201	Dec. 11	125	2038
Roosa, Herbert H., Lincoln, Nebr. Leather boots, shoes, slippers, and insoles.....	54,363	June 26	122	2992
Rose Co., R. M., Atlanta, Ga. Whisky.....	55,297	Aug. 14	123	2300
Rose, Ernest W., St. Louis, Mo. Remedy for diseases of the skin and scalp.....	57,066	Oct. 30	124	2898
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	50,186	Mar. 6	121	330
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	52,685	May 15	122	1036
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	52,962	May 22	122	1388
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	54,211	June 19	122	2685
Rosemary Manufacturing Company, Roanoke, N. C. Cotton damask.....	56,147	Aug. 28	123	2970
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	56,258	Sept. 4	124	314
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	56,259	Sept. 4	124	314
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	56,327	Sept. 11	124	619
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask.....	56,328	Sept. 11	124	619
Rosenbaum Company, Pittsburg, Pa. Waists, dresses, and suits.....	51,537	Apr. 17	121	2317
Rosenbaum Company, Pittsburg, Pa. Corsets.....	52,041	May 1	122	340
Rosenbaum Company, Pittsburg, Pa. Hosiery.....	55,648	Aug. 21	123	2612
Rosenbaum Company, Pittsburg, Pa. Leather and textile gloves.....	56,148	Aug. 28	123	2970
Rosenbaum's Sons, Morris, New York, N. Y. Woolens, silks, cotton goods, and velvets.....	57,813	Nov. 27	125	1343
Rosenbaum's Sons, Morris, New York, N. Y. Woolens, silks, cotton goods, and velvets.....	57,814	Nov. 27	125	1343
Rosenbaum's Sons, Morris, New York, N. Y. Woolens, silks, cotton goods, and velvets.....	57,815	Nov. 27	125	1343
Rosenbaum's Sons, Morris, New York, N. Y. Cloth and piece goods.....	57,949	Dec. 4	125	1691
Rosenberg, Jacob, New York, N. Y. Laxative tonic.....	57,541	Nov. 13	125	660
Rosenberg, Joseph L., New York, N. Y. Hats for women.....	49,046	Jan. 23	120	1156
Rosenblatt Co., San Francisco, Cal. Wines.....	48,961	Jan. 16	120	898
Rosenburg Bros. & Booth, Decatur, Tex. Cattle fever cure.....	58,842	Dec. 25	125	2755
Rosenbush & Co., Al. A., Boston, Mass. Leather boots and shoes.....	52,935	May 22	122	1387
Rosenfield Bros. & Co., Chicago, Ill. Whisky.....	49,542	Feb. 6	120	1820
Rosenfield Bros. & Co., Chicago, Ill. Whisky.....	55,715	Aug. 21	123	2614
Rosenfield Bros. & Co., Chicago, Ill. Whisky.....	56,466	Sept. 25	124	1202
Rosenheim & Son, H., Baltimore, Md. Whisky.....	55,320	Aug. 14	123	2300
Rosenheim & Son, H., Baltimore, Md. Whisky.....	57,542	Nov. 13	125	660
Rosenthal Bros. Co., New York, N. Y. Ladies' and misses' shirt-waists and suits.....	49,442	Feb. 6	120	1815
Rosenwasser Bros., New York, N. Y. Leggings.....	52,042	May 1	122	340
Rosenzweig & Baumann, Kasseler Farben-, Glasuren- und Lackfabrik, Cassel, Germany. Germicide.....	58,089	Dec. 4	125	1694
Rosenzweig, Ira, Chicago, Ill. Wine.....	57,337	Nov. 13	125	655
Rosenzweig, Louis, Chicago, Ill. Fruit-wine.....	50,102	Mar. 6	121	326
Rosenzweig, Louis, Chicago, Ill. Whisky.....	50,661	Mar. 27	121	1338
Rosenzweig, Louis, Chicago, Ill. Whisky.....	57,232	Nov. 6	125	345
Rosenzweig, Louis, Chicago, Ill. Whisky.....	58,068	Dec. 4	125	1694
Ross Brothers, Worcester, Mass. Chicken-feed.....	50,691	Mar. 27	121	1339
Ross & Co., Charles H., Baltimore, Md. Whisky.....	48,593	Jan. 2	120	321
Ross & Co., Charles H., Baltimore, Md. Whisky.....	49,224	Jan. 30	120	1468
Ross & Co., Charles H., Baltimore, Md. Whisky.....	51,359	Apr. 10	121	1974
Ross & Co., Charles H., Baltimore, Md. Whisky.....	54,723	June 26	122	3007
Ross & Co., Chas. H., Baltimore, Md. Gin.....	58,286	Dec. 11	125	2040
Ross & Co., Chas. H., Baltimore, Md. Whisky.....	58,321	Dec. 11	125	2041
Ross, Lewis P., Rochester, N. Y. Lumbermen's rubbers and rubber boots.....	51,099	Apr. 3	121	1669
Ross Marble Company, Knoxville, Tenn. Marble in blocks and slabs.....	57,233	Nov. 6	125	345
Ross Marble Company, Knoxville, Tenn. Marble in blocks and slabs.....	57,253	Nov. 6	125	345
Ross, William A., New York, N. Y. Whisky.....	58,530	Dec. 18	125	2355
Rosskam, Gerstley & Co., Philadelphia, Pa. Whisky.....	49,020	Jan. 23	120	1155
Roth, Charles, Cincinnati, Ohio. Whisky.....	51,045	Apr. 3	121	1667
Roth & Co., San Francisco, Cal. Whisky.....	51,046	Apr. 3	121	1667
Roth & Engelhardt, New York, N. Y. Pneumatically-actuated pianofortes.....	50,386	Mar. 13	121	683
Rothenburg & Schloss, Kansas City, Mo. Havana cigars.....	50,887	Apr. 3	121	1660
Rothschild & Company, Chicago, Ill. Pianos.....	58,711	Dec. 25	125	2752
Round Top Cement Company, Bloomfield, N. J. Artificial Portland and hydraulic cement.....	50,387	Mar. 13	121	683
Round Top Cement Company, Bloomfield, N. J. Natural and artificial Portland and hydraulic cement.....	51,502	Apr. 17	121	2316
Roussy de Sales, Jules F. G. de, Paris, France. Soaps.....	51,454	Apr. 17	121	2314
Rowe Patent Square Shoulder Shoe Calk Co., Hartford, Conn. Horseshoes and horseshoe-calks.....	50,336	Mar. 13	121	681
Rowell, Jennie, St. Louis, Mo. Ointment for the complexion.....	54,293	June 26	122	2989
Rowlinski, Robert A., Savannah, Ga. Cream or salve for the skin and complexion.....	54,984	Aug. 7	123	1979
Roxbury Carpet Company, Boston, Mass. Tapestry Brussels and tapestry velvet carpets.....	51,621	Apr. 17	121	2321
Royal Baking Powder Company, New York, N. Y. Flavoring extracts.....	53,209	May 29	122	1711
Royal Baking Powder Company, New York, N. Y. Cream of tartar.....	54,120	June 19	122	2682
Royal Metal Steel Co., New York, N. Y. Tool-steel.....	52,111	May 1	122	343
Royal Remedy & Extract Co., Dayton, Ohio. Chewing-gum.....	57,607	Nov. 13	125	667
Royal Remedy & Extract Company, Dayton, Ohio. Flavoring extracts.....	58,843	Dec. 25	125	2755
Royal Remedy & Extract Company, Dayton, Ohio. Flavoring extracts.....	58,844	Dec. 25	125	2755
Royal Remedy & Extract Company, Dayton, Ohio. Flavoring extracts.....	58,845	Dec. 25	125	2755
Royal Remedy & Extract Company, Dayton, Ohio. Flavoring extracts.....	58,846	Dec. 25	125	2755
Royal Remedy & Extract Company, Dayton, Ohio. Flavoring extracts.....	58,847	Dec. 25	125	2755
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	50,187	Mar. 6	121	330
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	50,188	Mar. 6	121	330
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	50,337	Mar. 13	121	681
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	50,338	Mar. 13	121	681
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	50,339	Mar. 13	121	681
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	50,340	Mar. 13	121	681
Royal Worcester Corset Co., Worcester, Mass. Corset steels and clasps.....	50,341	Mar. 13	121	681
Royal Worcester Corset Company, Worcester, Mass. Women's and children's underwaists.....	56,564	Oct. 9	124	1837
Royce, George W., Passaic, N. J. Chemical compound for certain named purposes.....	56,345	Sept. 11	124	620
Royce, James C., Davenport, Canada. Lubricating compounds.....	55,551	Aug. 14	123	2306

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Rubay, Léon, New York, N. Y. Commutators, induction-coils, and switches for automobiles.	58,805	Dec. 25	125	2754
Rubber and Celluloid Harness Trimming Co., Newark, N. J. Lather-brushes, shaving-brushes, and paint-brushes.	48,640	Jan. 9	120	648
Rubber and Celluloid Harness Trimming Co., Newark, N. J. Lather-brushes, shaving-brushes, and paint-brushes.	48,641	Jan. 9	120	648
Rubber & Celluloid Harness Trimming Co., Newark, N. J. Lather-brushes.	49,131	Jan. 23	120	1159
Rubber & Celluloid Harness Trimming Co., Newark, N. J. Lather-brushes.	53,648	June 5	122	2058
Rubber Clothing Company, New York, N. Y. Certain named rubber goods.	58,322	Dec. 11	125	2041
Rubel-Lilienfeld Co., Chicago, Ill. Whisky.	48,553	Jan. 2	120	319
Rubel-Lilienfeld Co., Chicago, Ill. Whisky.	48,554	Jan. 2	120	319
Rubens & Meyer, New York, N. Y. Hosiery of every description.	56,935	Oct. 23	124	2530
Rubin, George S., Boston, Mass. Eye remedies.	57,152	Nov. 6	125	342
Rucker, Harry D., Lafayette, Ind. Remedies for certain named diseases.	54,085	June 19	122	2680
Ruddock & Son, T. S., Haverhill, Mass. Men's leather shoes.	55,188	Aug. 7	123	1984
Rueckheim Bros. and Eckstein, Chicago, Ill. Candy and candied popcorn.	56,880	Oct. 23	124	2529
Rueter & Company, (Incorporated,) Roxbury, Mass. Ale.	49,390	Feb. 6	120	1813
Ruiz, Carlos, Havana, Cuba. Pineapples.	56,085	Aug. 21	123	2624
Rumford Chemical Works, Providence, R. I. Phosphatic solutions.	49,872	Feb. 20	120	2436
Rumford Chemical Works, Providence, R. I. Bread-raising preparation.	49,914	Feb. 20	120	2438
Rumford Chemical Works, Providence, R. I. Yeast-powder.	50,290	Mar. 6	121	334
Rumford Chemical Works, Providence, R. I. Sparkling, effervescent tonic beverages.	51,387	Apr. 17	121	2311
Rumford Chemical Works, Providence, R. I. Phosphatic powders.	53,230	May 29	122	1712
Runkel Brothers, Incorporated, New York, N. Y. Cocoa.	52,043	May 1	122	340
Runkel Brothers, Incorporated, New York, N. Y. Chocolate.	52,044	May 1	122	340
Ruppert, Jacob, New York, N. Y. Lager-beer.	49,727	Feb. 13	120	2121
Ruppert, Jacob, New York, N. Y. Beer.	49,956	Feb. 27	120	2746
Ruppert, Jacob, New York, N. Y. Beer.	49,957	Feb. 27	120	2746
Ruppert, Jacob, New York, N. Y. Beer.	49,958	Feb. 27	120	2746
Ruppert, Jacob, New York, N. Y. Beer.	55,161	Aug. 7	123	1983
Ruschhaupt Bros., Fresno, Cal. Washing-powder.	54,795	July 31	124	1657
Rushmore, Merwin, trustee. (See General Safety Mantle Light Co., assignor.)				
Russ Company, South Bend, Ind. Laundry bluing.	50,103	Mar. 6	121	326
Russ-Suchard & Cie., Neuchâtel, assignors to Suchard Société Anonyme, Serrières, Neuchâtel, Switzerland. Chocolates and cocoas.	54,480	June 26	122	2997
Russ-Suchard & Cie., Neuchâtel, Switzerland assignors to Suchard Société Anonyme. Chocolate candies, chocolate, and preparations of chocolate and cocoas.	54,527	June 26	122	2999
Russell Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y. Tire-bolts.	48,695	Jan. 9	120	650
Russell & Co., Cambridge, Mass. Chocolates, bonbons, and similar candies.	50,908	Apr. 3	121	1661
Russell & Company, Port Ogden, Fla., and New York, N. Y. Oranges, lemons, grape-fruit, tangerines, and mandarins.	52,761	May 15	122	1039
Russell & Erwin Manufacturing Company, New Britain, Conn. Locks and keys.	49,349	Jan. 30	120	1473
Russell & Erwin Manufacturing Company, New Britain, Conn. Wrenches, bit-braces, and shovels.	58,502	Dec. 18	125	2355
Russell M. Hughes & Co., Louisville, Ky. Non-alcoholic medicinal beverages.	51,732	Apr. 24	121	2651
Ryan, Edward, Ree Heights, S. D. Medicinal vegetable oil.	56,021	Aug. 21	123	2622
Ryan-Hampton Tobacco Co., Newburg, Ind. High grade of chewing-tobacco.	50,692	Mar. 27	121	1339
Ryan-Hampton Tobacco Co., Newburg, Ind. Especially high grade of plug-tobacco.	50,909	Apr. 3	121	1661
Ryan-Hampton Tobacco Co., Newburg, Ind. Chewing-tobacco.	50,910	Apr. 3	121	1661
Ryan-Hampton Tobacco Co., Newburg, Ind. A particularly fine grade of plug-tobacco.	52,616	May 15	122	1033
Ryan-Hampton Tobacco Co., Newburg, Ind. Chewing-tobacco.	55,461	Aug. 14	123	2304
Ryan-Hampton Tobacco Co., Newburg, Ind. Natural-leaf twist-tobacco.	56,421	Sept. 25	124	1201
Ryan, Thomas J., Nashville, Tenn. Whisky.	54,724	June 26	122	3007
Ryff & Co., Berne, Switzerland. Knitted underwear.	57,838	Nov. 27	125	1344
S. Bolton's Sons, Troy, N. Y. Ale.	50,523	Mar. 20	121	1006
S. Grabfelder & Co., Louisville, Ky. Whisky.	50,189	Mar. 6	121	330
S. Grabfelder & Co., Louisville, Ky. Whisky.	53,409	June 5	122	2048
S. Grover Graham Co., Newburgh, N. Y. Remedies for diseases of the digestive organs.	56,549	Oct. 2	124	1518
S. Hamill Company, Keokuk, Iowa. Wheat-flour.	49,350	Jan. 30	120	1474
S. Hamill Company, Keokuk, Iowa. Canned and bottled fruits and vegetables.	49,676	Feb. 13	120	2119
S. Hamill Company, Keokuk, Iowa. Canned fruits and vegetables.	52,936	May 22	122	1387
S. Lichtenstein Co., New York, N. Y. Cigars and cheroots.	49,677	Feb. 13	120	2119
S. B. & B. W. Fleisher, Incorporated, Philadelphia, Pa. Worsteds yarns.	50,388	Mar. 13	121	683
S. B. Goff & Sons Co., Camden, N. J. Blood-purifiers, cough and worm syrup, and liniment.	55,716	Aug. 21	123	2614
S. B. Goff & Sons Co., Camden, N. J. Dyspepsia cure.	55,717	Aug. 21	123	2614
S. B. Goff & Sons Co., Camden, N. J. Medicine for horses, cattle, and poultry.	56,381	Sept. 18	124	902
S. & C. Bishop & Co., St. Helens, England. Water-gage glasses.	58,235	Dec. 11	125	2059
S. C. Herbst Importing Co., Milwaukee, Wis. Rye and Bourbon and all kinds of whiskies.	52,669	May 15	122	1035
S. C. Tooker & Co., Minneapolis, Minn. Dried fruits.	52,891	May 22	122	1385
S. H. Frank & Co., San Francisco, Cal. Sole-leather.	50,209	Mar. 6	121	330
S. H. Moore Co., New York, N. Y. Monthly magazine.	49,488	Feb. 6	120	1817
S. H. Wetmore Co., New York, N. Y. Suspensory bandages and jock-straps.	50,629	Mar. 27	121	1337
S. & L. Rubber Company, Chester, Pa. Reclaimed rubber.	57,927	Dec. 4	125	1690
S. M. Howes Company, Boston, Mass. Dampers for hot-air pipes and smoke-pipes.	52,046	May 1	122	340
S. S. Pierce Co., Boston, Mass. Bottled cider.	48,528	Jan. 2	120	318
S. S. Pierce Co., Boston, Mass. Cigars.	48,830	Jan. 16	120	893
S. S. Pierce Co., Boston, Mass. Cigars.	49,391	Feb. 6	120	1814
S. S. Pierce Co., Boston, Mass. Cigars.	49,392	Feb. 6	120	1814
S. S. Pierce Co., Boston, Mass. Wines.	49,873	Feb. 20	120	2436
S. S. Pierce Co., Boston, Mass. Lager-beer.	49,978	Feb. 27	120	2747
S. S. Pierce Co., Boston, Mass. Cigars.	50,693	Mar. 27	121	1339
S. S. Pierce Co., Boston, Mass. Tea.	54,389	June 26	122	2993
S. S. Pierce Co., Boston, Mass. Blend of coffee with other ingredients.	55,219	Aug. 7	123	1985
S. S. Pierce Co., Boston, Mass. Coffee.	56,467	Sept. 25	124	1202
S. S. Pierce Co., Boston, Mass. Coffee.	56,627	Oct. 9	124	1839
S. S. Pierce Co., Boston, Mass. Blend of coffee with other ingredients.	58,135	Dec. 4	125	1695
S. S. Pierce Co., Boston, Mass. Blend of coffee with other ingredients.	58,155	Dec. 4	125	1696
S. S. Pierce Co., Boston, Mass. Cigars.	58,233	Dec. 11	125	2039
S. S. Pierce Co., Boston, Mass. Baking-powder.	58,713	Dec. 25	125	2752
S. S. Stafford, Inc., New York, N. Y. Copying, indelible, and writing inks.	54,294	June 26	122	2989
S. S. Stafford, Inc., New York, N. Y. Mucilage, paste, and sealing-wax.	54,481	June 26	122	2997
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Cement.	49,083	Jan. 23	120	1158
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Lathes.	49,084	Jan. 23	120	1158

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Dental varnish	49,134	Jan. 23	120	1159
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Dental rubber	53,151	May 29	122	1709
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Gutta-percha tooth-filling	53,152	May 29	122	1709
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Gutta-percha tooth-filling	53,153	May 29	122	1709
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Wax	53,258	May 29	122	1713
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Tooth-paste	53,359	May 29	122	1717
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Investment and impression compounds	53,360	May 29	122	1718
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Cavity-linings	53,361	May 29	122	1718
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Investment and impression compounds	53,362	May 29	122	1718
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Polishing and abrading strips	53,565	June 5	122	2055
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentina; Berlin, Germany, and St. Petersburg, Russia. Abrading disks, wheels, and points	53,566	June 5	122	2055
S. W. Noggle Wholesale & Mfg. Co., Kansas City, Mo. Laundry starch	51,163	Apr. 3	121	1672
Sächs. Kardatschen-, Bürsten- & Pinsel-Fabrik Ed. Flemming & Co., Schöneheide, Germany. Brooms and brushes	58,806	Dec. 25	125	2754
Sachs and Sons, D., Louisville, Ky. Whisky	52,580	May 15	122	1032
Sachsse & Co., E., Leipsic-Reudnitz, Germany. Preparation made from leeches	57,153	Nov. 6	125	342
Sacks, Louis, Newark, N. J. Heel-plates for boots and shoes	56,506	Oct. 2	124	1517
Saco Valley Canning Company, Portland, Me. Certain named canned goods	54,146	June 19	122	2683
Saco Valley Canning Company, Portland, Me. Canned corn and canned succotash	54,147	June 19	122	2683
Saco Valley Canning Company, Portland, Me. Certain named canned goods	54,148	June 19	122	2683
Saco Valley Canning Company, Portland, Me. Canned corn and canned succotash	54,436	June 26	122	2995
Saginaw Milling Company, Saginaw, Mich. Wheat-flour	55,220	Aug. 7	123	1985
Saginaw Milling Company, Saginaw, Mich. Wheat-flour	55,782	Aug. 21	123	2616
Sailand, Lina, St. Paul, Minn. Crackers and biscuits	58,542	Dec. 18	125	2356
Sakabe, Jiro, New York, N. Y. Brushes	50,342	Mar. 13	121	681
Saks & Company, Washington, D. C. Leather shoes	58,694	Dec. 25	125	2751
Salisbury Tire Co., Owasso, Mich. Leather tires	57,030	Oct. 30	124	2897
Salo-Sedatus Chemical Company, St. Louis, Mo. Proprietary medicine	50,017	Feb. 27	120	2748
Salt Lake City Soda Water Co., Salt Lake City, Utah. Tonic beverage	52,218	May 1	122	347
Saltzstein & Bro., Chas., Milwaukee, Wis. Type-writer ribbons and carbon-paper	57,871	Nov. 27	125	1345
Sam Baretz Importing Co., Denver, Colo. Whisky	58,287	Dec. 11	125	2040
Sample & Co., New York, N. Y. Whisky	51,047	Apr. 3	121	1667
Sample & Co., New York, N. Y. Whisky	53,608	June 5	122	2057
Samson & Co., E. J., Chicago, Ill. Earthenware vessels	54,611	June 26	122	3002
Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes	50,827	Apr. 3	121	1658
Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes	50,828	Apr. 3	121	1658
Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes	51,774	Apr. 24	121	2653
Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes	51,775	Apr. 24	121	2653
Samson Manufacturing Company, Denver, Colo. Rock-crushers	49,598	Feb. 13	120	2116
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella-frames of metal	53,896	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella frames and ribs of metal	53,897	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella-frames	53,898	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella-frames	53,899	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella-frames	53,900	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella-frames of metal	53,901	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrella-frames of metal	53,902	June 12	122	2384
Samuel Fox & Co., Limited, Stocksbridge Works, near Sheffield, England. Umbrellas	57,106	Nov. 6	125	341
Samuel Westheimer & Son Wholesale Liquor Co., St. Joseph, Mo. Whisky	50,694	Mar. 27	121	1359
Samuel Westheimer & Son Wholesale Liquor Company, St. Joseph, Mo. Whisky	51,156	Apr. 3	121	1672
Samuels & Bro., J., Providence, R. I. Coats and trousers	50,794	Mar. 27	121	1343
San Diego, Brewing Co., San Diego, Cal. Beer	48,517	Jan. 2	120	317
San Francisco Sulphur Company, San Francisco, Cal. Flowers of sulfur	58,090	Dec. 4	125	1694
San Francisco Sulphur Company, San Francisco, Cal. Flowers of sulfur	58,091	Dec. 4	125	1694
San Francisco Sulphur Company, San Francisco, Cal. Sulfur	58,092	Dec. 4	125	1694
Sanatorium System Co., South Orange, N. J. Remedy for certain named diseases	55,783	Aug. 21	123	2616
Sanchez & Haya Co., Tampa, Fla. Cigars	49,728	Feb. 13	120	2121
Sanchez & Haya Co., Tampa, Fla. Cigars	51,733	Apr. 24	121	2651
Sanchez & Haya Co., Tampa, Fla. Cigars	52,002	May 1	122	339
Sandell Bros., St. Paul, Minn. Whisky	57,682	Nov. 27	125	1340
Sander, Henry, Philadelphia, Pa. Whisky	49,544	Feb. 6	120	1820
Sanders, Edward G., Chattanooga, Tenn. Overalls	49,874	Feb. 20	120	2436
Sanders, John M., Dalton, Ga. Pea-hullers	56,281	Sept. 4	124	315
Sanderson Brothers & Newbould, Limited, Sheffield, England. Steel	57,475	Nov. 13	125	659
Sandheger, Christ, Cincinnati, Ohio. Whisky	49,032	Jan. 23	120	1156
Sands, Taylor & Wood Company, Boston, Mass. Wheat-flour	48,667	Jan. 9	120	649
Sandwich Manufacturing Co., Sandwich, Ill. Hay-loaders	48,722	Jan. 9	120	651
Sandwich Manufacturing Co., Sandwich, Ill. Hay-baling presses	48,723	Jan. 9	120	651
Sandwich Manufacturing Co., Sandwich, Ill. Hay-baling presses	48,724	Jan. 9	120	651
Sandwich Manufacturing Co., Sandwich, Ill. Hay-baling presses	49,165	Jan. 23	120	1161
Sanford & Bennett, New York, N. Y. Stylographic and fountain pens	58,420	Dec. 11	125	2043
Sanford & Bennett, New York, N. Y. Stylographic and fountain pens	58,421	Dec. 11	125	2043
Sanford & Bennett, New York, N. Y. Stylographic and fountain pens	58,422	Dec. 11	125	2043
Sanford & Bennett, New York, N. Y. Stylographic and fountain pens	58,613	Dec. 18	125	2357

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Sanford, Emory P., Redding Ridge, Conn. Mineral-spring water.....	58,568	Dec. 18	125	2356
Sangster, Frederick W., Rochester, N. Y. Steel-hardening solution.....	48,758	Jan. 9	120	652
Sanitary Feather Co., Chicago, Ill. Pillows, cushions, and mattresses.....	58,663	Dec. 18	125	2359
Sanitol Chemical Laboratory Co., St. Louis, Mo. Dentifrice.....	55,990	Aug. 21	123	2621
Sanitol Chemical Laboratory Co., St. Louis, Mo. Toilet powders.....	56,022	Aug. 21	123	2622
Sanitol Chemical Laboratory Co., St. Louis, Mo. Face-cream.....	56,051	Aug. 21	123	2623
Sanitol Chemical Laboratory Co., St. Louis, Mo. Tooth-brushes.....	56,086	Aug. 21	123	2624
Sanitol Chemical Laboratory Co., St. Louis, Mo. Toilet and shaving soap.....	56,796	Oct. 16	124	2175
Sarasin & Co., Wm., Basel, Switzerland. Ribbons.....	58,377	Dec. 11	125	2042
Sasso & Figli, P., Oneglia, Italy. Olive-oil.....	57,045	Oct. 30	124	2897
Saunders, Frederick, San Francisco, Cal. Fresh mince-meat.....	53,469	June 5	122	2051
Saunders, Frederick C., Bedford, Quebec, Canada. Remedy for dyspepsia.....	58,807	Dec. 25	125	2754
Savage, Marion W., Minneapolis, Minn. Heave cure.....	48,696	Jan. 9	120	630
Savage, Marion W., Minneapolis, Minn. Stock-food.....	50,447	Mar. 20	121	1003
Savage, Marion W., Minneapolis, Minn. Healing pine-oil.....	50,946	Apr. 3	121	1662
Savage, Marion W., Minneapolis, Minn. Breakfast-food made from wheat.....	51,157	Apr. 3	121	1672
Savage, Marion W., Minneapolis, Minn. Poultry-food.....	51,388	Apr. 17	121	2312
Savage, Marion W., Minneapolis, Minn. Antiseptics and germicides.....	51,503	Apr. 17	121	2316
Savage, Marion W., Minneapolis, Minn. Stock-food.....	51,704	Apr. 24	121	2650
Savage, Marion W., Minneapolis, Minn. Incubators and brooders.....	52,374	May 8	122	717
Savage, Marion W., Minneapolis, Minn. Stock-food.....	52,791	May 15	122	1040
Savage, Marion W., Minneapolis, Minn. Stock-food.....	53,011	May 22	122	1390
Savage, Marion W., Minneapolis, Minn. Poultry-food.....	53,012	May 22	122	1390
Savage, Marion W., Minneapolis, Minn. Heave cure.....	56,149	Aug. 28	123	2970
Savage, Marion W., Minneapolis, Minn. Gall cure.....	56,150	Aug. 28	123	2970
Savage, Marion W., Minneapolis, Minn. Worm-powder.....	56,151	Aug. 28	123	2970
Savage, Marion W., Minneapolis, Minn. Medicated stock-food.....	56,152	Aug. 28	123	2970
Savage, Marion W., Minneapolis, Minn. Medicated poultry-food.....	56,179	Aug. 28	123	2970
Savage, Marion W., Minneapolis, Minn. Healing pine-oil.....	56,529	Oct. 2	124	1518
Savage, Marion W., Minneapolis, Minn. Medicated stock-food.....	56,530	Oct. 2	124	1518
Sawyer Crystal Blue Company, Boston, Mass. Washing-blue.....	50,918	Apr. 3	121	1661
Sawyer Crystal Blue Company, Boston, Mass. Washing-blue.....	51,455	Apr. 17	121	2314
Sawyer's Dyspepsia Cure Co., Baltimore, Md. Dyspepsia cure.....	58,116	Dec. 4	125	1695
Saxon Mills, Spartanburg, S. C. Cotton piece goods.....	58,927	Dec. 25	125	2757
Seagoline Brick and Fireproofing Co., New York, N. Y. Bricks or slabs.....	57,476	Nov. 13	125	659
Scanlan, Kickham, <i>et al.</i> , administrators. (See Canepa, John B.)				
Scaramelli & Co., Louis J., Boston, Mass. Olive-oil.....	58,989	Dec. 25	125	2759
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	49,225	Jan. 30	120	1468
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	49,226	Jan. 30	120	1468
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	49,489	Feb. 6	120	1818
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	49,490	Feb. 6	120	1818
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	49,491	Feb. 6	120	1818
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	49,492	Feb. 6	120	1818
Scarlett, Wm. G., Baltimore, Md. Grass and field seeds.....	52,985	May 22	122	1389
Schabinger Co., L. J., Cleveland, Ohio. Medicine for stomach diseases.....	53,567	June 5	122	2055
Schaefer & Driehorst Co., Wheeling, W. Va. Whisky.....	58,503	Dec. 18	125	2355
Schaefer, William H., Toledo, Ohio. Cap-mantles.....	51,100	Apr. 3	121	1669
Schaeffer, R. F., Bangor, Pa. Particular brand of roofing-slate.....	56,260	Sept. 4	124	314
Schall & Co., New York, N. Y. Candies.....	51,409	Apr. 17	121	2312
Schantz, Adam, Sr., deceased; A. Schantz, Jr., Dayton, Ohio, trustee. Purified water.....	55,860	Aug. 21	123	2618
Scharff, Justus, Sydney, New South Wales. Smoking and chewing tobacco.....	58,772	Dec. 25	125	2753
Scharff, L. & A., St. Louis, Mo. Whisky.....	50,154	Mar. 6	121	328
Scharff, L. & A., St. Louis, Mo. Bitters.....	58,960	Dec. 25	125	2758
Schein & Lasday, Pittsburg, Pa. Linen collars.....	55,991	Aug. 21	123	2621
Schenck, Joseph H., Philadelphia, Pa. Medicinal, restorative, and regulative compounds.....	51,622	Apr. 17	121	2321
Schenkelberger, Albert F., Boston, Mass. Sole-leather, cut and uncut.....	54,683	June 26	122	3005
Schenley Distilling Company, Schenley, Pa. Whisky.....	53,568	June 5	122	2055
Scherer, Fred S., Utica, N. Y. Whisky.....	52,737	May 15	122	1038
Scherer, Fred S., Utica, N. Y. Whisky.....	58,379	Dec. 11	125	2042
Scheuer & Co., S., Paterson, N. J. Baking-powder.....	57,543	Nov. 13	125	660
Schiffmann Company, Los Angeles, Cal. Remedies for consumption, liver and kidney diseases.....	55,784	Aug. 21	123	2616
Schilling & Co., A., San Francisco, Cal. Tea.....	54,528	June 26	122	2999
Schilling & Co., A., San Francisco, Cal. Tea.....	54,529	June 26	122	2999
Schilling & Co., A., San Francisco, Cal. Flavoring extracts.....	58,665	Dec. 18	125	2359
Schilling & Company, A., San Francisco, Cal. Spices.....	50,448	Mar. 20	121	1003
Schilling & Company, A., San Francisco, Cal. Coffee.....	50,477	Mar. 20	121	1004
Schilling & Company, A., San Francisco, Cal. Baking-powder, bicarbonate of soda, and cream of tartar.....	50,478	Mar. 20	121	1004
Schilling & Company, A., San Francisco, Cal. Coffee.....	50,624	Mar. 27	121	1337
Schilling & Company, A., San Francisco, Cal. Spices.....	50,662	Mar. 27	121	1338
Schilling & Company, A., San Francisco, Cal. Coffee.....	58,614	Dec. 18	125	2357
Schilling & Company, A., San Francisco, Cal. Spices.....	58,664	Dec. 18	125	2359
Schilling & Company, A., San Francisco, Cal. Baking-powder, bicarbonate of soda, and cream of tartar.....	58,712	Dec. 25	125	2752
Schindler, Charles E., Coldwater, Ohio. Remedies for catarrh.....	54,630	June 26	122	3003
Schlaepfer, Ulrich F., Zurich, Switzerland. Medicine for certain named diseases.....	50,803	Mar. 27	121	1344
Schlegel Mfg. Co., Rochester, N. Y. Skirt-binding.....	58,961	Dec. 25	125	2756
Schlenker & Kienzle, Schwenningen, Germany. Clock-movements.....	52,306	May 8	122	715
Schlesinger & Bender, Inc., San Francisco, Cal. Wine.....	56,936	Oct. 23	124	2530
Schlichten, Geo. W., New York, N. Y. Woven and knitted underwear.....	54,253	June 26	122	2988
Schlichten, Geo. W., New York, N. Y. Knitted underwear.....	54,904	July 31	123	1660
Schlichter Jute Cordage Co., Philadelphia, Pa. Rope, cord, and twine.....	48,743	Jan. 9	120	652
Schloss Bros., Detroit, Mich. Overcoats, coats, vests, pants, and reefers.....	58,599	Dec. 18	125	2357
Schlott, August A., Klingenthal, Germany. Certain named musical instruments and strings.....	57,980	Dec. 4	125	1691
Schlottbeck & Foss Co., Portland, Me. Remedies for uterine disorders.....	57,544	Nov. 13	125	660
Schmidt, Alexander O., San Francisco, Cal. Medicine for diseases peculiar to females.....	51,331	Apr. 10	121	1973
Schmidt & Dechert, Chicago, Ill. Whisky.....	57,521	Nov. 13	125	660
Schmidt, Florian J., Chicago, Ill. Certain named medicine.....	53,088	May 22	122	1393
Schmidt, Florian J., Chicago, Ill. Certain named medicine.....	55,785	Aug. 21	123	2616
Schmidt, Fritz, New York, N. Y. Gloves.....	53,649	June 5	122	2058
Schmidt, Geo. A., Chicago, Ill. Soap.....	50,695	Mar. 27	121	1339
Schmidt, Geo. H., Baltimore, Md. Cakes and crackers.....	56,856	Oct. 23	124	2528
Schneider, John R., Augusta, Ga. Wines.....	53,154	May 29	122	1709
Schneider Tent & Awning Co., Detroit, Mich. Horse-covers.....	57,928	Dec. 4	125	1690
Schnull & Co., Indianapolis, Ind. Certain named foods.....	58,808	Dec. 25	125	2754
Schnull & Co., Indianapolis, Ind. Certain named foods.....	58,809	Dec. 25	125	2754

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Schoble & Co., Frank, Philadelphia, Pa. Men's and boys' hats and caps.....	50,989	Apr. 3	121	1664
Schoble & Co., Frank, Philadelphia, Pa. Hats and caps.....	51,275	Apr. 10	121	1970
Schoble & Co., Frank, Philadelphia, Pa. Hats and caps.....	51,973	May 1	122	337
Schoble & Co., Frank, Philadelphia, Pa. Hats and caps.....	52,083	May 1	122	342
Schoenberg, Ralph A., New York, N. Y. Electric switches, push-buttons, and fittings for electric circuits and lights.....	54,725	June 26	122	3007
Schofield, Mason & Co., Philadelphia, Pa. Brussels rugs.....	55,008	Aug. 7	123	1979
Schöneberger and Noble, New York, N. Y. Celery tonic and sarsaparilla.....	56,595	Oct. 9	124	1838
Schott, Charles H., New York, N. Y., and Providence, R. I. Button parts.....	51,101	Apr. 3	121	1669
Schrader & Ehlers, New York, N. Y. Combs.....	49,574	Feb. 13	120	2115
Schrader & Ehlers, New York, N. Y. Combs.....	50,990	Apr. 3	121	1664
Schuckmann & Seligmann Company, Milwaukee, Wis. Whisky.....	49,678	Feb. 13	120	2119
Schuckmann & Seligmann Company, Milwaukee, Wis. Whisky.....	49,729	Feb. 13	120	2121
Schneler, Frederick, Columbus, Ohio. Whisky.....	48,594	Jan. 2	120	321
Schülke & Mayr, Hamburg, Germany. Disinfectants and antiseptics.....	53,937	June 12	122	2386
Schülke & Mayr, Hamburg, Germany. Disinfectants and antiseptics.....	53,938	June 12	122	2386
Schulten and Co., Jno. J., Louisville, Ky. Leather boots and shoes.....	50,343	Mar. 13	121	681
Schultz, Baujan & Co., Beardstown, Ill. Wheat-flour.....	58,202	Dec. 11	125	2038
Schulz, Emil, New York, N. Y. Gold, aluminum, and bronze enamel.....	55,097	Aug. 7	123	1982
Schulz, Friedrich A., Leipzig, Germany. Antiseptics and washes for the mouth and teeth.....	54,583	June 26	122	3001
Schulz, Friedrich A., Leipzig, Germany. Specific for rheumatism, gout, and neuralgia.....	54,985	Aug. 7	123	1979
Schuman, William, Buffalo, N. Y. Whisky.....	55,189	Aug. 7	123	1984
Schuster Co., Cleveland, Ohio. Gin.....	57,046	Oct. 30	124	2897
Schuster Co., Cleveland, Ohio. Gin.....	57,047	Oct. 30	124	2897
Schuster Co., Cleveland, Ohio. Whisky.....	57,659	Nov. 27	125	1339
Schuster, Edelstein & Co., New York, N. Y. Hosiery and men's and women's knitted underwear.....	58,962	Dec. 25	125	2758
Schütz, Christian, Vienna, Austria-Hungary. Cigarette-paper.....	51,199	Apr. 10	121	1968
Schultz, Joseph M., Minneapolis, Minn. Deodorants.....	58,695	Dec. 25	125	2751
Schutz & Klawans, Chicago, Ill. Whisky.....	55,162	Aug. 7	123	1983
Schwab Clothing Co., St. Louis, Mo. Coats, vests, overcoats, and trousers.....	54,237	June 26	122	2987
Schwab Clothing Co., St. Louis, Mo. Men's overcoats.....	57,129	Nov. 6	125	342
Schwab, Emanuel, New York, N. Y. Glass plates.....	55,098	Aug. 7	123	1982
Schwabacher Bros. & Co. Inc., Seattle, Wash. Spices of all varieties and mustard.....	51,048	Apr. 3	121	1667
Schwabacher Bros. & Co. Inc., Seattle, Wash. Coffee.....	51,332	Apr. 10	121	1973
Schwabacher Bros. & Co. Inc., Seattle, Wash. Canned fish.....	51,389	Apr. 17	121	2312
Schwabacher Bros. & Co. Inc., Seattle, Wash. Canned fish.....	51,504	Apr. 17	121	2316
Schwabacher Bros. & Co. Inc., Seattle, Wash. Flavoring extracts of all varieties.....	51,809	Apr. 24	121	2654
Schwabacher Bros. & Co. Inc., Seattle, Wash. Canned fruits.....	52,340	May 8	122	716
Schwabacher Bros. & Co. Inc., Seattle, Wash. Canned fruits and vegetables.....	52,341	May 8	122	716
Schwabacher Bros. & Co. Inc., Seattle, Wash. Baking-powder.....	54,197	June 19	122	2685
Schwartz, Joseph H., Plymouth, Pa. Whisky.....	51,102	Apr. 3	121	1669
Schwartz, Joseph H., Plymouth, Pa. Whisky.....	51,103	Apr. 3	121	1669
Schwartz, Joseph H., Plymouth, Pa. Whisky.....	51,104	Apr. 3	121	1669
Schwartz, Joseph H., Plymouth, Pa. Whisky.....	51,105	Apr. 3	121	1669
Schwartz, Joseph H., Plymouth, Pa. Whisky.....	53,056	May 22	122	1392
Schwartz, Joseph H., Plymouth, Pa. Whisky.....	56,087	Aug. 21	123	2624
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Certain named meats.....	56,261	Sept. 4	124	314
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Breakfast-bacon and ham.....	56,359	Sept. 18	124	901
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Smoked meats.....	56,468	Sept. 25	124	1202
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Lard and certain named meats.....	57,608	Nov. 13	125	662
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Certain named meats and lard.....	57,609	Nov. 13	125	662
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Roast beef, tongue, and lard.....	57,610	Nov. 13	125	662
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Beef oil or fat.....	58,136	Dec. 4	125	1695
Schwob, Adolphe, New York, N. Y. Watches and parts thereof.....	54,179	June 19	122	2684
Schwob, Adolphe, New York, N. Y. Watches and parts thereof.....	54,530	June 26	122	2999
Schwob, Adolphe, New York, N. Y. Watches and parts thereof.....	54,531	June 26	122	2999
Scott-Blake Co., Portland, Me. Hat-pins.....	53,733	June 12	122	2378
Scott & Company, Norfolk, Va. Butter.....	54,390	June 26	122	2993
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	53,155	May 29	122	1709
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	53,377	June 5	122	2047
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	54,364	June 26	122	2992
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	54,365	June 26	122	2992
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	54,366	June 26	122	2992
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	55,462	Aug. 14	123	2304
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	55,463	Aug. 14	123	2304
Scovill Manufacturing Company, Waterbury, Conn. Sew-on snap-fasteners for skirts.....	54,879	July 31	123	1660
Scranton Stove Works, Scranton, Pa. Stoves, ranges, furnaces, and parts thereof.....	48,940	Jan. 16	120	897
Scranton Stove Works, Scranton, Pa. Stoves, ranges, and furnaces and parts thereof.....	50,344	Mar. 13	121	681
Scranton Whetstone and Abrasive Wheel Co., Scranton, Pa. Oilstones, waterstones, whetstones, hones, and grindstones.....	50,699	Mar. 27	121	1339
Scranton Whetstone and Abrasive Wheel Co., Scranton, Pa. Oilstones, whetstones, hones, waterstones, and grindstones.....	52,738	May 15	122	1038
Scranton Whetstone and Abrasive Wheel Co., Scranton, Pa. Oilstones, whetstones, hones, waterstones, and grindstones.....	53,364	May 29	122	1718
Scranton Whetstone and Abrasive Wheel Co., Scranton, Pa. Oilstones, waterstones, whetstones, and grindstones.....	54,021	June 19	122	2678
Scranton Whetstone and Abrasive Wheel Company, Scranton, Pa. Oilstones, waterstones, whetstones, hones, and grindstones.....	53,363	May 29	122	1718
Scrubb & Co., Limited, New York, N. Y. Ammonia.....	58,431	Dec. 11	125	2044
Sudders-Gale Grocer Company, St. Louis, Mo. Canned fruits and vegetables.....	48,465	Jan. 2	120	316
Sudders-Gale Grocer Company, St. Louis, Mo. Canned fruits and vegetables.....	48,740	Jan. 9	120	652
Sea Gull Specialty Co., Baltimore, Md. Baking-powder.....	49,549	Feb. 6	120	1820
Seamless Rubber Co., New Haven, Conn. Rubber water-bags and water-bottles.....	50,027	Feb. 27	120	2749
Seamless Rubber Co., New Haven, Conn. Rubber nipples for nursing-bottles.....	50,162	Mar. 6	121	329
Seamless Rubber Co., New Haven, Conn. Nipples for nursing-bottles.....	53,328	May 29	122	1716
Searing, Peter J. L., New York, N. Y. Salt.....	52,963	May 22	122	1388
Searing, Peter J. L., New York, N. Y. Salt.....	54,212	June 19	122	2685
Secor, May, Weehawken, N. J. Liquid preparation for the complexion to be used externally.....	52,458	May 8	122	721
Security Milling Company, Abilene, Kans. Wheat-flour.....	52,986	May 22	122	1389

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Sedlmayr, Gabriel, Munich, Germany. Beer.....	56,628	Oct. 9	124	1839
Seeborn & Dieckstahl Ld., Sheffield, England. Steel and iron in bar, rod, rail, sheet, and wire....	54,765	June 26	122	3008
Seeborn & Dieckstahl Ld., Sheffield, England. Steel.....	57,612	Nov. 13	125	662
Seel, William E., Harrisburg, Pa. Whisky.....	55,227	Aug. 7	123	1985
Seely, Frank, New York, N. Y. Certain named beverages.....	56,088	Aug. 21	123	2624
Schlinger Sons & Co., Chas., Louisville, Ky. Whisky.....	58,040	Dec. 4	125	1693
Seinsheimer, Henry A., Cincinnati, Ohio. Boys' suits.....	51,538	Apr. 17	121	2317
Selby, John A., Oakland, Cal. Tonic beverages and syrups therefor.....	56,382	Sept. 18	124	902
Selby Shoe Co., Portsmouth, Ohio. Leather boots and shoes.....	55,321	Aug. 14	123	2300
Selby Smelting and Lead Company, San Francisco, Cal. Lead.....	50,389	Mar. 13	121	683
Selby Smelting & Lead Company, San Francisco, Cal. Shot.....	52,629	May 15	122	1034
Selby Smelting & Lead Company, San Francisco, Cal. Solder, Babbitt, or other antifriction metal.....	52,630	May 15	122	1034
Selby Smelting & Lead Company, San Francisco, Cal. Lead traps and bends.....	52,631	May 15	122	1034
Semel & Co., J. H., New York, N. Y. Knit underwear.....	53,870	June 12	122	2383
Semler Milling Company, Hamilton, Ohio. Wheat-flour.....	55,621	Aug. 21	123	2612
Semler Milling Company, Hamilton, Ohio. Wheat-flour.....	57,611	Nov. 13	125	662
Semmes & Co., B. J., Memphis, Tenn. Whiskies, both rye and Bourboon.....	49,021	Jan. 23	120	1155
Semmes & Co., B. J., Memphis, Tenn. Whisky.....	56,469	Sept. 25	124	1202
Semmes & Co., B. J., Memphis, Tenn. Whisky.....	56,900	Oct. 23	124	2557
Semon Bache & Company, New York, N. Y. Sheet and picture glass.....	50,345	Mar. 13	121	682
Semon Bache & Company, New York, N. Y. Mirror-plates.....	56,329	Sept. 11	124	619
Seneca Mill & Elevator Company, Seneca, Mo. Wheat-flour.....	53,186	May 29	122	1710
Seneca Mill & Elevator Company, Seneca, Mo. Wheat-flour.....	53,939	June 12	122	2386
Seneca Mill & Elevator Company, Seneca, Mo. Cornmeal.....	55,942	Aug. 21	123	2620
Seneca, Stephen J., Havre de Grace, Md. Canned vegetables and fruits.....	50,291	Mar. 6	121	334
Senour Manufacturing Co., Chicago, Ill. Mixed paints.....	53,231	May 29	122	1712
Senour Manufacturing Co., Chicago, Ill. Certain named painters' materials.....	56,629	Oct. 9	124	1839
Senour Manufacturing Co., Chicago, Ill. Certain named painters' materials.....	57,683	Nov. 27	125	1340
Sereta Chemical Company, Minneapolis, Minn. Lotions, salves, and ointments.....	55,649	Aug. 21	123	2612
Seufert Brothers Co., The Dalles, Oreg. Canned salmon.....	58,163	Dec. 11	125	2037
Seufert Brothers Co., The Dalles, Oreg. Canned salmon.....	58,164	Dec. 11	125	2037
Seufert Brothers Co., The Dalles, Oreg. Canned salmon.....	58,165	Dec. 11	125	2037
Seufert Brothers Company, The Dalles, Oreg. Canned salmon.....	58,175	Dec. 11	125	2037
Seyn Liquor Company, Baltimore, Md. Whisky.....	55,274	Aug. 14	123	2299
Seville Packing Company, New York, N. Y. Olives in bottles and jars.....	55,221	Aug. 7	123	1985
Seyd, Otto, New York, N. Y. Certain named dress fabrics.....	54,562	June 26	122	3000
Shackamaxon Worsted Co., Philadelphia, Pa. Woolen and worsted piece goods.....	53,106	May 29	122	1707
Shafer, George L., Sacramento, Cal. Preparation for the relief of rheumatism and kindred ailments.....	50,731	Mar. 27	121	1341
Shane Brothers Co., Philadelphia, Pa. Wheat-flour.....	58,870	Dec. 25	125	2756
Shane Brothers Co., Philadelphia, Pa. Wheat-flour.....	58,871	Dec. 25	125	2756
Shane Brothers Co., Philadelphia, Pa. Bread.....	58,901	Dec. 25	125	2757
Sharood, Charles K., St. Paul, Minn. Leather boots, shoes, and slippers.....	51,481	Apr. 17	121	2315
Sharp & Smith, Chicago, Ill. Surgical belts and bandages.....	48,805	Jan. 16	120	892
Shaw, Jardine & Co., Limited, Manchester, England. Cotton yarns.....	56,052	Aug. 21	123	2623
Shaw and Ludington, Knowlesville, assignors to Auto Doctor Company, Geneva, N. Y. Coin-controlled vending-machines.....	58,470	Dec. 18	125	2354
Shaw and Ludington, Knowlesville, assignors to Auto Doctor Company, Geneva, N. Y. Medicinal preparation for headache and neuralgia.....	58,773	Dec. 25	125	2753
Shea-Bocqueraz Co., San Francisco, Cal. Whisky.....	58,504	Dec. 18	125	2355
Sheboygan Chair Company, Sheboygan, Wis. Chairs.....	53,813	June 12	122	2381
Sheboygan Knitting Company, Sheboygan, Wis. Hosiery.....	50,163	Mar. 6	121	329
Shedd, Freeman B., Lowell, Mass. Cologne.....	51,539	Apr. 17	121	2317
Sheeline Son & Co., D., New York, N. Y. Paper wrappers for rolls of ribbon.....	53,793	June 12	122	2380
Sheer Cut Shear Co., Chicago, Ill. Shears.....	53,569	June 5	122	2055
Sheffield-King Milling Co., Minneapolis, Minn. Wheat-flour.....	51,482	Apr. 17	121	2315
Sheffield-King Milling Co., Minneapolis, Minn. Wheat-flour.....	52,045	May 1	122	340
Sheffield Mill & Elevator Company, Minneapolis, Minn. Wheat-flour.....	56,971	Oct. 30	124	2895
Shepard, Herbert I., Greenport, N. Y. Liniment.....	58,774	Dec. 25	125	2753
Sherman Brothers and Company, Chicago, Ill. Tea.....	49,080	Jan. 23	120	1157
Sherman, Reid & Co., New York, N. Y. Long-cloth.....	49,241	Jan. 30	120	1469
Sherwin-Williams Co., Cleveland, Ohio. Certain named paints, colors, stains, and oils.....	55,511	Aug. 14	123	2305
Sherwin-Williams Co., Cleveland, Ohio. Mixed paints and pigments used for paints, stains, and paint-oil.....	56,422	Sept. 25	124	1201
Shiff, Mayer & Co., Cincinnati, Ohio. Whisky.....	48,697	Jan. 9	120	650
Shimer, Elmer S., Milton, Pa. Antifriction metals.....	50,911	Apr. 3	121	1661
Shire, Nathaniel N., New York, N. Y. Ointment for the cure of eczema.....	50,991	Apr. 3	121	1664
Shoe and Leather Reporter, Boston, Mass. Periodical.....	57,067	Oct. 30	124	2898
Shoe Retailer Company, Boston, Mass. Weekly journal.....	57,066	Oct. 30	124	2896
Shoemaker & Busch, Philadelphia, Pa. Compounds of chlorids and formaldehyde.....	54,631	June 26	122	3003
Shoemaker, William M., Huntingdon, Pa. Gape cure for fowls.....	58,714	Dec. 25	125	2752
Shoemart Company, St. Louis, Mo. Leather boots and shoes.....	54,837	July 31	123	1658
Shoemart Company, St. Louis, Mo. Leather boots and shoes.....	57,254	Nov. 6	125	345
Shoop, C. I., Racine, Wis. Remedy for certain named diseases.....	55,650	Aug. 21	123	2612
Shortell & Timmins, Boston, Mass. Whisky.....	50,524	Mar. 20	121	1006
Showell & Fryer, Limited, Philadelphia, Pa. Whisky.....	55,298	Aug. 14	123	2300
Shupe-Williams Candy Co., Ogden, Utah. Chocolates.....	51,692	Apr. 24	121	2649
Shute, William T., Gloucester, Mass. Dried, smoked, pickled, salted, and canned fish.....	49,058	Jan. 23	120	1157
Shute, William T., Gloucester, Mass. Dried, smoked, pickled, salted, and canned fish.....	49,059	Jan. 23	120	1157
Shute, William T., Gloucester, Mass. Dried, smoked, pickled, salted, and canned fish.....	49,060	Jan. 23	120	1157
Shute, William T., Gloucester, Mass. Dried, smoked, pickled, salted, and canned fish.....	50,247	Mar. 6	121	332
Shute, William T., Gloucester, Mass. Dried, smoked, pickled, and canned fish.....	50,390	Mar. 13	121	683
Sibley & Pitman, New York, N. Y. Dry batteries.....	57,068	Oct. 30	124	2898
Sibley & Pitman, New York, N. Y. Gas and oil lamps for vehicles and boats.....	58,453	Dec. 18	125	2353
Sibley, William E., Freeport, Ill. Tea.....	51,333	Apr. 10	121	1973
Sibley, William E., Freeport, Ill. Coffee.....	54,391	June 26	122	2993
Sicilian Asphalt Paving Co., New York, N. Y. Mineral asphalt.....	58,810	Dec. 25	125	2754
Sidney Blumenthal & Co., New York, N. Y. Dress fabrics composed of worsted, silk, cotton, and mohair.....	56,668	Oct. 16	124	2171
Sidney Fairchild Company, New York, N. Y. Cordial.....	53,410	June 5	122	2048
Sichel Chemische Fabrik Limmer, Ferdinand, Limmer by Hanover, Germany. Uniting agents for colors.....	51,505	Apr. 17	121	2316
Sieber & Trussell Mfg. Co., St. Louis, Mo. Loose-leaf binders.....	50,577	Mar. 20	121	1008
Siegel, Abraham, assignor to Waldorf-Astoria Segar Co., New York, N. Y. Cigars.....	50,449	Mar. 20	121	1003
Siegel, Cooper & Co., Chicago, Ill. Vinegar.....	49,679	Feb. 13	120	2119
Siegel, Cooper & Co., Chicago, Ill. Soap.....	53,960	June 19	122	2675
Siegel, Cooper & Co., Chicago, Ill. Jams, jellies, and preserves.....	54,180	June 19	122	2684

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Siemon & Elting, New York, N. Y. Marine glue.	55,861	Aug. 21	123	2618
Siemssen & Co., Hamburg, Germany. Cotton sheetings, shirtings, drills, and tickings.	53,259	May 29	122	1713
Signs Publishing Company, Cincinnati, Ohio. Monthly magazine.	57,981	Dec. 4	125	1691
Silberstein, Albert L., New York, N. Y. Razors and pocket-knives.	52,342	May 8	122	716
Silberstein, Albert L., New York, N. Y. Razors and pocket-knives.	55,299	Aug. 14	123	2300
Silk Textile Water Proofing Co., New York, N. Y. Silks and silk-mixture textiles.	55,992	Aug. 21	123	2621
Sill Stove Works, Rochester, N. Y. Stoves, ranges, and gas-stoves and attachments and parts and repairs therefor.	50,888	Apr. 3	121	1660
Sill Stove Works, Rochester, N. Y. Stoves, ranges, gas-stoves, and attachments and parts and repairs therefor.	50,912	Apr. 3	121	1661
Sill Stove Works, Rochester, N. Y. Stoves and ranges and repairs and parts therefor.	51,623	Apr. 17	121	2321
Sill Stove Works, Rochester, N. Y. Stoves, ranges, attachments, parts, and repairs.	55,408	Aug. 14	123	2303
Silleco, Geo. W., Brussels, Belgium. Certain named agricultural machinery.	56,470	Sept. 25	124	1202
Silver, Bennett C., New York, N. Y. Remedies for the relief and cure of asthma, consumption, and pulmonary diseases.	51,367	Apr. 10	121	1974
Silver & Company, New York, N. Y. Tea and coffee pots and coffee-urns.	50,525	Mar. 20	121	1006
Silver & Company, New York, N. Y. Tea and coffee pots.	53,794	June 12	122	2380
Silver & Company, New York, N. Y. Tea and coffee pots and coffee-urns.	53,814	June 12	122	2381
Silver & Company, Brooklyn, and New York, N. Y. Tea and coffee pots and coffee-urns.	51,158	Apr. 3	121	1672
Silver Lake Company, Boston, Mass. Cords, lines, twines, and ropes.	52,375	May 8	122	717
Silver Lake Company, Boston, Mass. Cords, lines, twines, and ropes.	52,376	May 8	122	717
Silver Lake Company, Boston, Mass. Ropes, cords, twines, and lines.	54,345	June 26	122	2991
Silverson Milling Co., New Ulm, Minn. Wheat-flour.	51,304	Apr. 10	121	1972
Simmons Hardware Company, St. Louis, Mo. Planes and plane-irons.	53,685	June 12	122	2376
Simmons Hardware Company, St. Louis, Mo. Chisels and gouges.	53,686	June 12	122	2376
Simmons Hardware Company, St. Louis, Mo. Razors.	53,687	June 12	122	2376
Simmons Hardware Company, St. Louis, Mo. Pocket-knives.	53,709	June 12	122	2377
Simmons Hardware Company, St. Louis, Mo. Augers, bits, and gimlets.	53,719	June 12	122	2377
Simmons Hardware Company, St. Louis, Mo. Files and rasps.	53,711	June 12	122	2377
Simmons Hardware Company, St. Louis, Mo. Corn-knives and hay-knives.	53,712	June 12	122	2377
Simmons Hardware Company, St. Louis, Mo. Saws, saw-blades, and saw-handles.	53,763	June 12	122	2379
Simmons Hardware Company, St. Louis, Mo. Picks, mattocks, grub-hoes, and eye-hoes.	54,880	July 31	123	1660
Simmons Hardware Company, St. Louis, Mo. Scythes and grass-hooks.	56,116	Aug. 28	123	2969
Simmons Hardware Company, St. Louis, Mo. Scissors, shears, and hair-clippers.	56,153	Aug. 28	123	2970
Simmons Hardware Company, St. Louis, Mo. Drawing-knives and box-scrappers.	56,154	Aug. 28	123	2970
Simmons Hardware Company, St. Louis, Mo. Sewing-machines and attachments therefor.	56,972	Oct. 30	124	2895
Simmons Hardware Company, St. Louis, Mo. Certain named cutlery.	58,234	Dec. 11	125	2039
Simmons Publishing Company, Springfield, Ohio. Magazine or periodical.	55,339	Aug. 14	123	2301
Simon, Fred, Louisville, Ky. Whisky.	58,990	Dec. 25	125	2759
Simon, Herman, Union, N. J. Woven silk fabrics.	49,443	Feb. 6	120	1815
Simon & May, Cincinnati, Ohio. Whisky.	58,353	Dec. 11	125	2042
Simplex Electric Heating Company, Boston, Mass. Certain named electrical apparatus, machines, and supplies.	56,315	Sept. 11	124	619
Simplex Electric Heating Company, Boston, Mass. Certain named electrical apparatus, machines, and supplies.	56,316	Sept. 11	124	619
Simplex Electric Heating Company, Boston, Mass. Certain named metal manufactures.	56,383	Sept. 18	124	902
Simplex Piano Player Co., Worcester, Mass. Automatic piano-players.	56,053	Aug. 21	123	2623
Simplex Piano Player Company, Worcester, Mass. Automatic piano-players and perforated records therefor.	57,390	Nov. 13	125	656
Simon, Joseph, Paris, France, assignor, by mesne assignments, to Special Products Company. Liquid substitute for spirits and essences.	57,872	Nov. 27	125	1345
Sinclair, Thos. D., Philadelphia, Pa. Tooth-brushes.	58,265	Dec. 11	125	2039
Singer Manufacturing Company, New York, N. Y. Sewing-machines.	49,599	Feb. 13	120	2116
Singer Manufacturing Company, New York, N. Y. Sewing-machines.	49,600	Feb. 13	120	2116
Singer Manufacturing Company, New York, N. Y. Sewing-machine stands and their parts and attachments.	49,601	Feb. 13	120	2116
Singer Manufacturing Company, New York, N. Y. Sewing-machines.	49,602	Feb. 13	120	2116
Singer Manufacturing Company, New York, N. Y. Sewing-machines.	49,603	Feb. 13	120	2116
Singer Manufacturing Company, New York, N. Y. Sewing-machines.	49,604	Feb. 13	120	2116
Singer Manufacturing Company, New York, N. Y. Sewing-machines.	49,605	Feb. 13	120	2117
Singer Manufacturing Company, New York, N. Y. Cotton, silk, hemp, and other fiber threads.	50,195	Mar. 6	121	330
Singer Manufacturing Company, New York, N. Y. Lubricating-oil.	53,987	June 19	122	2676
Singer Manufacturing Company, New York, N. Y. Needles for sewing by hand and by machine.	54,023	June 19	122	2678
Singer, Nimick & Co., Inc., Pittsburg, Pa. Steel.	54,367	June 26	122	2992
Sinnott, Joseph F., Philadelphia, Pa. Whisky.	52,686	May 15	122	1036
Sinnott, Joseph F., Philadelphia, Pa. Whisky.	54,049	June 19	122	2679
Sinnott, Joseph F., Philadelphia, Pa. Whisky.	54,419	June 26	122	2499
Sipe and Sipe, New York, N. Y. Candied pineapples.	55,786	Aug. 21	123	2616
Sir Isaac Pitman & Sons Ltd., Bath, England. Writing-paper.	53,156	May 29	122	1709
Sitley & Son, Inc., Camden, N. J. Wheat-flour.	55,718	Aug. 21	123	2614
Skillman Bread and Pie Company, Baltimore, Md. Bread, pies, buns, doughnuts, cakes, and crackers.	56,832	Oct. 23	124	2527
Slack & Griggs, Harper, Kans. Liquid medical compound.	58,423	Dec. 11	125	2043
Slade Gorton & Co., Gloucester, Mass. Smoked herring.	50,056	Feb. 27	120	2750
Sleepy Eye Milling Company, Sleepy Eye, Minn. Breakfast-food and farina made from wheat.	52,493	May 8	122	722
Sleepy Eye Milling Company, Sleepy Eye, Minn. Self-rising flour.	52,540	May 8	122	724
Sleepy Eye Milling Company, Sleepy Eye, Minn. Wheat-flour.	52,819	May 15	122	1041
Sleepy Eye Milling Company, Sleepy Eye, Minn. Wheat-flour.	53,107	May 29	122	1707
Sleepy Eye Milling Company, Sleepy Eye, Minn. Breadfast-food and farina made from wheat.	54,881	July 31	123	1660
Sleepy Eye Milling Company, Sleepy Eye, Minn. Cereal coffee.	56,262	Sept. 4	124	314
Sloan, Earl S., Boston, Mass. Liniment.	54,295	June 26	122	2989
Sloat, George M., Valdosta, Ga. Liquid remedy.	49,815	Feb. 20	120	2434
Smalley, Albert G., Boston, Mass. Glass bottles.	49,875	Feb. 20	120	2436
Smedley, James L., New York, N. Y. Cure for rheumatism.	52,792	May 15	122	1040
Smith-Briscoe Shoe Company, Lynchburg, Va. Leather boots and shoes.	52,433	May 8	122	720
Smith-Briscoe Shoe Company, Lynchburg, Va. Leather boots and shoes.	53,157	May 29	122	1709
Smith-Briscoe Shoe Company, Lynchburg, Va. Leather boots and shoes.	53,329	May 29	122	1716
Smith-Briscoe Shoe Company, Lynchburg, Va. Men's leather boots and shoes.	54,086	June 19	122	2680
Smith-Briscoe Shoe Company, Lynchburg, Va. Leather boots and shoes.	56,423	Sept. 25	124	1201
Smith-Briscoe Shoe Company, Inc., Lynchburg, Va. Leather shoes.	57,404	Nov. 13	125	657
Smith-Briscoe Shoe Company Inc., Lynchburg, Va. Women's leather shoes.	57,630	Nov. 20	125	987
Smith, Channing, Leicester, Mass. Flannel cloth.	57,477	Nov. 13	125	659
Smith, Charles E., Reading, Pa. Knitted underwear.	52,377	May 8	122	717
Smith, Charles S., Sutton Center, Mass. Certain named medicines.	56,531	Oct. 2	124	1518
Smith, Charles W., Warren, Pa. Medicinal oil for external use.	52,470	May 8	122	721
Smith & Co., C. H., Boston, Mass. Polishes for wood, metal, marble, and glass.	49,242	Jan. 30	120	1469

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Smith & Co., S. C., Cleveland, Ohio. Tea	56,833	Oct. 23	124	2527
Smith & Co., S. C., Cleveland, Ohio. Tea	58,569	Dec. 18	125	2356
Smith Co., T. I., North Attleboro, Mass. Buttons and studs	48,646	Jan. 9	120	648
Smith & Dove Mfg. Co., Andover, Mass. Thread and yarn	57,982	Dec. 4	125	1692
Smith & Dove Mfg. Co., Andover, Mass. Flax threads and yarns	58,928	Dec. 25	125	2757
Smith, Edwin D., Pittsburg, Pa. Seesaws, roundabouts, and teeters	54,796	July 31	123	1657
Smith & Hemenway Company, New York, N. Y. Razors	53,570	June 5	122	2055
Smith & Hemenway Company, New York, N. Y. Nail-clippers	53,571	June 5	122	2055
Smith & Hemenway Company, New York, N. Y. Razors	53,572	June 5	122	2055
Smith & Hemenway Company, New York, N. Y. Razors	54,757	June 26	122	3008
Smith, Hogg & Co., New York, N. Y. Gingham	50,992	Apr. 3	121	1664
Smith, Hogg & Co., New York, N. Y. Blankets, comfortables, and spreads	54,149	June 19	122	2683
Smith, James P., Augusta, Ga. Remedy for chills and fever	54,684	June 26	122	3005
Smith, James P., Augusta, Ga. Liver-pills	56,180	Aug. 28	123	2970
Smith & Kaufmann, New York, N. Y. Ribbons	52,378	May 8	122	717
Smith & Kaufmann, New York, N. Y. Ribbons	57,297	Nov. 13	125	654
Smith & Kaufmann, New York, N. Y. Ribbons	57,313	Nov. 13	125	654
Smith, Marcellous T., Northport, N. Y. Scissors and shears	58,505	Dec. 18	125	2355
Smith, Mary E., Nevada, Mo. Hair-tonics	58,929	Dec. 25	125	2758
Smith McCord Townsend Dry Goods Company, Kansas City, Mo. Silk fabrics	56,973	Oct. 30	124	2895
Smith Premier Typewriter Company, Syracuse, N. Y. Type-writing machines	51,572	Apr. 17	121	2319
Smith, Samuel W., Ansonia, Conn. Vermifuges or worm-syrups	48,613	Jan. 2	120	321
Smith, Sara B., Livermore, Cal. Wines	50,860	Apr. 3	121	1659
Smith, Sara B., Livermore, Cal. Chemically-pure borax	51,175	Apr. 3	121	1672
Smith & Scott Tobacco Co., Paducah, Ky. Chewing and smoking tobacco	54,532	June 26	122	2999
Smith, Sidney S., Allegheny, Pa. Cigars and stogies	53,498	June 5	122	2052
Smith, Sydney H., Chicago, Ill. Certain named toilet preparations	56,669	Oct. 16	124	2172
Smith, Thorndike & Brown Co., Milwaukee, Wis. Japan tea	58,203	Dec. 11	125	2038
Smith, Thorndike & Brown Co., Milwaukee, Wis. Coffee	58,204	Dec. 11	125	2038
Smith & Wesson, Springfield, Mass. Revolver-pistols	54,948	Aug. 7	123	1978
Smith & Wesson, Springfield, Mass. Revolvers	55,250	Aug. 7	123	1986
Smith & Wesson, Springfield, Mass. Revolvers	55,251	Aug. 7	123	1986
Smith & Wheeler, Newark, N. J. Extracts for coffee	53,795	June 12	122	2380
Smith, William B., New London, Conn. Ointments	54,065	June 19	122	2679
Smith, William W., Poughkeepsie, N. Y. Cough-drops	50,947	Apr. 3	121	1663
Smyth Manufacturing Company, Hartford, Conn. Book-stitching machines	56,974	Oct. 30	124	2895
Smyth Manufacturing Company, Hartford, Conn. Book-stitching machines	56,975	Oct. 30	124	2895
Smyth Manufacturing Co., Hartford, Conn. Certain named book-makers' machines	57,766	Nov. 27	125	1342
Smyth Manufacturing Co., Hartford, Conn. Certain named book-makers' machines	57,800	Nov. 27	125	1343
Sneed & Wood, Tyler, Tex. Peach-trees	50,212	Mar. 6	121	331
Snell & Atherton, Brockton, Mass. Heel-shaves and duplicate blades for heel-shaves	55,009	Aug. 7	123	1979
Snell & Atherton, Brockton, Mass. Edge-planes, welt-trimmers, edge-shaves, sole-rounding knives, and heel-shaves	56,734	Oct. 16	124	2173
Snow Flake Canning Co., Brunswick, Me. Canned sea foods	52,234	May 1	122	348
Snow, G. Lyman, Boston, Mass. Leather shoes	55,047	Aug. 7	123	1980
Soc. An. Des Fabriques Bernoises & Zuricoises De Chocolat Lindt & De Chocolat Sprüngli, Kilchberg, near Zürich, Switzerland. Chocolate	57,613	Nov. 13	125	662
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	53,260	May 29	122	1713
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	54,405	June 26	122	2994
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	54,406	June 26	122	2994
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	54,416	June 26	122	2994
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	54,417	June 26	122	2994
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	54,418	June 26	122	2994
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Cordial	55,719	Aug. 21	123	2614
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Liqueur and cordial	55,832	Aug. 21	123	2617
Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp, Fécamp, France. Liqueur	57,680	Nov. 27	125	1340
Société Anonyme "Luna," Lausanne, Switzerland. Photographic paper and films	50,664	Mar. 27	121	1338
Société Anonyme "Luna," Lausanne, Switzerland. Photographic paper and films	52,581	May 15	122	1032
Société Generale des Cirages Français, Paris, France. Perfumed waterproof shoe-blackening	55,010	Aug. 7	123	1979
Société Générale Suisse de Chocolats, Vevey, Switzerland. Chocolate	52,937	May 22	122	1387
Société Générale Suisse de Chocolats, Vevey, Switzerland. Chocolate	52,938	May 22	122	1387
Soden, Charles T., Boston, Mass. Glue	50,696	Mar. 27	121	1339
Soden, Justin R., Emporia, Kans. Wheat-flour	58,991	Dec. 25	125	2759
Sol Rauh & Sons Co., Dayton, Ohio. Whisky	55,190	Aug. 7	123	1984
Sol Rauh & Sons Co., Dayton, Ohio. Whisky	55,787	Aug. 21	123	2616
Sol Rauh & Sons Co., Dayton, Ohio. Whisky	58,069	Dec. 4	125	1694
Solomon, Isaac, Cincinnati, Ohio. Whisky	48,555	Jan. 2	120	319
Solomon, Philip H., St. Louis, Mo. Metal-polish	54,482	June 26	122	2997
Solon Vendophone Co., Solon Springs, Wis. Mineral waters	50,292	Mar. 6	121	334
Soltmann, Edward G., New York, N. Y. Lead-pencils	51,483	Apr. 17	121	2315
Soltmann, Edward G., New York, N. Y. Lead-pencils, drawing-pencils, and drawing-charcoal	53,365	May 29	122	1718
Soltmann, Edward G., New York, N. Y. Lead-pencils	55,951	Aug. 21	123	2620
Soltmann, Edward G., New York, N. Y. Blue-print paper	55,952	Aug. 21	123	2620
Soltmann, Edward G., New York, N. Y. Lead-pencils	55,953	Aug. 21	123	2620
Soltmann, Edward G., New York, N. Y. Blue-print cloth	55,954	Aug. 21	123	2620
Soltmann, Edward G., New York, N. Y. Lead-pencils	55,955	Aug. 21	123	2620
Soltmann, Edward G., New York, N. Y. Lead-pencils	55,993	Aug. 21	123	2621
Soltmann, Edward G., New York, N. Y. Black and colored pencils or crayons	55,994	Aug. 21	123	2621
Soltmann, Edward G., New York, N. Y. Lead-pencils	56,055	Aug. 21	123	2623
Soltmann, Edward G., New York, N. Y. Lead-pencils	56,056	Aug. 21	123	2623
Soltmann, Edward G., New York, N. Y. Black and colored pencils or crayons	56,057	Aug. 21	123	2623
Soltmann, Edward G., New York, N. Y. Rubber erasers	57,069	Oct. 30	124	2898
Sommer, John J., North Attleboro, Mass. Collarettes and chains	54,181	June 19	122	2684
Sommerville, John R., Washington, D. C. Suspensory bandages	57,478	Nov. 13	125	659
Son Brothers & Co., San Francisco, Cal., and Meriden, Conn. Pocket-knives	58,930	Dec. 25	125	2758
Sonheur, Jean, Antwerp, Belgium. Insecticide-powder for diseases of plants and fruit-trees	55,788	Aug. 21	123	2616
Sonn Bros. Co., New York, N. Y. Whisky	57,262	Nov. 13	125	653

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Sonneborn, Moses, Wheeling, W. Va. Hats and caps.	49,730	Feb. 13	120	2121
Southern Canopy Company, Knoxville, Tenn. Canopies for beds.	54,797	July 31	123	1657
Southern Canopy Company, Knoxville, Tenn. Canopies for beds.	54,798	July 31	123	1657
Southern Cross Fruit Co., Johnstown and New York, N. Y., and San Juan, Porto Rico. Certain named fruits.	53,470	June 5	122	2051
Southern Cross Fruit Co., Johnstown and New York, N. Y., and San Juan, Porto Rico. Certain named fruits.	53,471	June 5	122	2051
Southern Engine & Boiler Works, Jackson, Tenn. Stationary steam-engines.	53,988	June 19	122	2676
Southern Hog Remedy Co., Fort Worth, Tex. Remedy for curing diseases of swine, and particularly hog cholera.	53,330	May 29	122	1716
Southern Manufacturing Co., Richmond, Va. Baking-powder.	51,062	Apr. 3	121	1667
Southern Optical Company, Knoxville, Tenn. Spectacles and eyeglasses and parts thereof.	53,989	June 19	122	2676
Southern Refining Company, Los Angeles, Cal. Refined asphaltum.	53,232	May 29	122	1712
Southern Spring Bed Company, Atlanta, Ga. Mattresses.	53,573	June 5	122	2055
Southworth Company, Mittineague, Mass. Writing-paper.	57,545	Nov. 13	125	660
Southworth Company, Mittineague, Mass. Writing-paper.	57,570	Nov. 13	125	661
Spang, Chalfant & Co., Pittsburg, Pa. Iron and steel tubes.	50,663	Mar. 27	121	1338
Spangler, William H., Pittsburg, Pa. Eyeglasses.	57,479	Nov. 13	125	659
Sparrow Company, Cambridge, Mass. Chocolates and bonbons.	55,464	Aug. 14	123	2304
Spartanburg Fertilizer Co., Spartanburg, S. C. Artificial fertilizers.	49,877	Feb. 20	120	2436
Spaulding & Co., Chicago, Ill. Clocks.	48,806	Jan. 16	120	892
Special Products Company. (See Les Produits Chimiques de Croissy, assignor.)				
Special Products Company. (See Simson, Joseph, assignor.)				
Specialties Sales Co., Chicago, Ill. Attachment for closet-seats.	54,726	June 26	122	3007
Speck, Marshall & Co., Pittsburg, Pa. Spiral, sectional ring, flax, and sheet packing.	52,820	May 15	122	1042
Speck, Marshall & Co., Pittsburg, Pa. Rubber hose.	52,821	May 15	122	1042
Speck, Marshall & Co., Pittsburg, Pa. Rubber belting.	52,822	May 15	122	1042
Speidel, John G., Reading, Pa. Dumb-waiters.	53,109	June 5	122	2057
Speidel, John G., Reading, Pa. Dumb-waiters.	54,024	June 19	122	2678
Speights, James L., Baltimore, Md. Laxative preparation.	55,909	Aug. 21	123	2619
Spencer, Clinton A., Boston, Mass. Chestnut-oak extract.	52,255	May 1	122	348
Spencerian Pen Co., New York, N. Y. Metallic pens.	52,860	May 22	122	1384
Spencerian Pen Co., New York, N. Y. Metallic pens.	53,378	June 5	122	2047
Spengler, John, Kansas City, Mo. Whisky.	48,595	Jan. 2	120	321
Spengler, John, Kansas City, Mo. Whisky.	56,089	Aug. 21	123	2624
Sperry Flour Company, San Francisco, Cal. Rolled-wheat meal for breakfast-food.	58,902	Dec. 25	125	2757
Spiegel, Samuel, New York, N. Y. Cigars.	54,483	June 26	122	2997
Spiegelberger, Mathilde, Fürth, Germany. Hand-beaten leaf metals.	53,132	May 29	122	1708
Spiritline Chemical Company, Wilmington, N. C. Pine-wood oil.	51,506	Apr. 17	121	2316
Splaine & Co., Richard A., Haverhill, Mass. Whisky.	51,666	Apr. 17	121	2322
Splaine & Co., Richard A., Haverhill, Mass. Whisky.	56,054	Aug. 21	123	2623
Spokane Paint & Oil Co., Spokane, Wash. Varnish and hard-oil finish.	55,881	Aug. 21	123	2618
Spotless Company, Incorporated, Richmond, Va. Washing-machines.	49,680	Feb. 13	120	2120
Sprague Co., Fred'k H., Orange, Mass. Men's vests and waistcoats.	51,106	Apr. 3	121	1669
Sprague, Warner & Company, Chicago, Ill. Tea.	51,484	Apr. 17	121	2315
Sprague, Warner & Company, Chicago, Ill. Flavoring extracts.	52,112	May 1	122	343
Sprague, Warner & Company, Chicago, Ill. Baking-powder.	52,185	May 1	122	346
Sprague, Warner & Company, Chicago, Ill. Spices.	52,186	May 1	122	346
Sprague, Warner & Company, Chicago, Ill. Syrup.	52,187	May 1	122	346
Sprague, Warner & Company, Chicago, Ill. Canned fruits and vegetables.	52,651	May 15	122	1035
Sprague, Warner & Company, Chicago, Ill. Coffee.	52,739	May 15	122	1038
Sprague, Warner & Company, Chicago, Ill. Tea.	52,740	May 15	122	1038
Sprague, Warner & Company, Chicago, Ill. Baking-powder.	53,013	May 22	122	1390
Sprague, Warner & Company, Chicago, Ill. Extracts.	53,014	May 22	122	1390
Sprague, Warner & Company, Chicago, Ill. Candy.	53,669	June 12	122	2375
Sprague, Warner & Company, Chicago, Ill. Coffee.	54,392	June 26	122	2993
Sprague, Warner & Company, Chicago, Ill. Spices and mustard.	54,393	June 26	122	2993
Sprague, Warner & Company, Chicago, Ill. Canned fruits and canned vegetables.	54,394	June 26	122	2993
Sprague, Warner & Company, Chicago, Ill. Baking-powder.	55,442	Aug. 14	123	2303
Sprague, Warner & Company, Chicago, Ill. Spices and mustard.	55,465	Aug. 14	123	2304
Sprague, Warner & Company, Chicago, Ill. Syrup.	55,466	Aug. 14	123	2304
Sprague, Warner & Company, Chicago, Ill. Coffee.	55,622	Aug. 21	123	2612
Sprague, Warner & Company, Chicago, Ill. Tea.	55,623	Aug. 21	123	2612
Sprague, Warner & Company, Chicago, Ill. Lump-starch.	55,833	Aug. 21	123	2617
Sprague, Warner & Company, Chicago, Ill. Salad-dressing.	55,834	Aug. 21	123	2617
Sprague, Warner & Company, Chicago, Ill. Flavoring extracts.	55,835	Aug. 21	123	2617
Sprague, Warner & Company, Chicago, Ill. Syrup.	55,836	Aug. 21	123	2617
Sprague, Warner & Company, Chicago, Ill. Certain named beverages.	55,882	Aug. 21	123	2618
Sprague, Warner & Company, Chicago, Ill. Ham and bacon.	55,956	Aug. 21	123	2620
Sprague, Warner & Company, Chicago, Ill. Tea.	56,181	Aug. 28	123	2971
Sprague, Warner & Company, Chicago, Ill. Vinegar.	56,630	Oct. 9	124	1839
Sprague, Warner & Company, Chicago, Ill. Canned fruits and vegetables.	56,834	Oct. 23	124	2527
Sprague, Warner & Company, Chicago, Ill. Canned fruits and vegetables.	56,835	Oct. 23	124	2527
Sprague, Warner & Company, Chicago, Ill. Canned meats.	57,107	Nov. 6	125	341
Sprague, Warner & Company, Chicago, Ill. Wheat, buckwheat, rice, and pastry or self-rising flour.	57,130	Nov. 6	125	342
Sprague, Warner & Company, Chicago, Ill. Canned fish.	57,154	Nov. 6	125	342
Sprague, Warner & Company, Chicago, Ill. Canned fish.	57,155	Nov. 6	125	342
Sprague, Warner & Company, Chicago, Ill. Certain canned sea foods.	57,171	Nov. 6	125	343
Sprague, Warner & Company, Chicago, Ill. Canned fish.	57,172	Nov. 6	125	343
Sprague, Warner & Company, Chicago, Ill. Root-beer, lemon-soda, sarsaparilla, ginger-ale.	57,234	Nov. 6	125	345
Sprigg, Thomas F., Baltimore, Md. Toilet-paper.	52,823	May 15	122	1042
Sprigg, Thomas F., Baltimore, Md. Toilet-paper.	52,918	May 22	122	1386
Springer, George R., Kansas City, Mo. Razors.	49,168	Jan. 23	120	1161
Springfield Breweries Company, Springfield, Mass. Beer.	55,499	June 5	122	2052
Springfield Breweries Company, Springfield, Mass. Ale.	55,183	Aug. 7	123	1983
Squibb & Co., W. P., Lawrenceburg, Ind. Whisky.	50,211	Mar. 6	121	331
Squibb & Co., W. P., Lawrenceburg, Ind. Whisky.	50,293	Mar. 6	121	334
Squibb & Co., W. P., Lawrenceburg, Ind. Whisky.	52,161	May 1	122	345
Squibb & Co., W. P., Lawrenceburg, Ind. Whisky.	55,720	Aug. 21	123	2614
Squire Dingee Co., Chicago, Ill. Pickles.	53,500	June 5	122	2052
Squire Dingee Co., Chicago, Ill. Pickles.	55,837	Aug. 21	123	2617
St. Charles Condensing Co., St. Charles, Ill. Condensed milk.	48,942	Jan. 16	120	897
St. Charles Condensing Co., St. Charles, Ill. Condensed milk.	49,081	Jan. 23	120	1157
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Remedy for certain named diseases.	58,117	Dec. 4	125	1695
St. Joseph Pump Co., St. Joseph, Mo. Purifying-pumps, otherwise known as bucket or chain pumps.	52,545	May 8	122	716
St. Louis Motor Carriage Co., St. Louis, Mo. Automobiles.	49,959	Feb. 27	120	2746

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
St. Louis Motor Carriage Co., St. Louis, Mo. Automobiles.....	54,758	June 26	122	3008
St. Louis, Rocky Mountain & Pacific Company, Raton, N. Mex. Ter. Coal.....	56,797	Oct. 16	124	2175
St. Louis Shovel Co., St. Louis, Mo. Shovels, scoops, and spades.....	53,991	June 19	122	2676
St. Louis Shovel Co., St. Louis, Mo. Shovels, scoops, and spades.....	54,314	June 26	122	2990
St. Louis Shovel Co., St. Louis, Mo. Shovels, scoops, and spades.....	54,346	June 26	122	2991
St. Louis Union Trust Company, St. Louis, Mo. Stoves and ranges.....	58,224	Dec. 11	125	2038
St. Louis Union Trust Company, St. Louis, Mo. Stoves and ranges.....	58,775	Dec. 25	125	2753
St. Mary's Mill Company, St. Marys, Mo. Wheat-flour.....	55,191	Aug. 7	123	1984
St. Mary's Mill Company, St. Marys, Mo. Wheat-flour.....	55,624	Aug. 21	123	2612
St. Paul Roofing, Cornice & Ornament Company, St. Paul, Minn. Waterproof roofing-felt.....	53,734	June 12	122	2378
St. Paul Roofing, Cornice & Ornament Company, St. Paul, Minn. Eaves-troughs.....	53,764	June 12	122	2379
Staber, George, New York, N. Y. Paper for wrapping food products.....	51,159	Apr. 3	121	1672
Staber, George, New York, N. Y. Paper for wrapping food products.....	51,909	Apr. 24	121	2658
Stadler, August W., Cleveland, Ohio. Soap.....	56,798	Oct. 16	124	2175
Stadford Drug Co. of Baltimore City, Baltimore, Md. Remedy for corns, bunions, and ingrown nails.....	53,940	June 12	122	2386
Stall, John M., Chicago, Ill. Agricultural newspapers.....	53,796	June 12	122	2380
Stahlberg, J. W., St. Louis, Mo. Stomach-tablets.....	57,546	Nov. 13	125	660
Staley, Augustus E., Baltimore, Md. Starch for food purposes.....	55,577	Aug. 14	123	2307
Staley, Augustus E., Baltimore, Md. Corn-starch.....	55,578	Aug. 14	123	2307
Staley, Augustus E., Baltimore, Md. Corn-starch.....	55,579	Aug. 14	123	2307
Stamford Manufacturing Company, New York, N. Y. Tanning extract.....	50,398	Mar. 13	121	684
Stamford Mfg. Co., New York, N. Y. Tanning extract.....	51,507	Apr. 17	121	2316
Stamford Mfg. Co., New York, N. Y. Tanning extract.....	51,508	Apr. 17	121	2316
Stamford Mfg. Co., New York, N. Y. Dyesstuff or coloring mixture for leather.....	51,509	Apr. 17	121	2316
Standard Bottling Co., Denver, Colo. Aperient water.....	58,600	Dec. 18	125	2357
Standard Bottling & Extract Co., Boston, Mass. Ginger-ale.....	52,307	May 8	122	715
Standard Bottling & Extract Co., Boston, Mass. Soluble flavoring extracts.....	54,950	Aug. 7	123	1978
Standard Brush Co., New Hartford, Conn. All kinds of solid-back brushes.....	58,776	Dec. 25	125	2754
Standard Button Company, Attleboro, Mass. Links, sleeve-buttons, collar-buttons, studs, and blouse-button sets.....	50,190	Mar. 6	121	330
Standard Chain Co., Pittsburg, Pa. Chain and chain-links.....	57,767	Nov. 27	125	1342
Standard Chain Company, Pittsburg, Pa. Chain and chain-links.....	58,223	Dec. 11	125	2038
Standard Company, Torrington, Conn. Spokes and nipples.....	54,949	Aug. 7	123	1978
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	48,603	Jan. 2	120	321
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	49,962	Feb. 27	120	2746
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	49,963	Feb. 27	120	2746
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	55,300	Aug. 14	123	2300
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	57,263	Nov. 13	125	653
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	57,264	Nov. 13	125	653
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	57,279	Nov. 13	125	653
Standard Distilling Co., Cincinnati, Ohio. Whisky.....	57,280	Nov. 13	125	653
Standard Emulsion Co., New York, N. Y. Emulsions for use in all conditions of malnutrition.....	53,366	May 29	122	1718
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,444	Feb. 6	120	1816
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,445	Feb. 6	120	1816
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,591	Feb. 13	120	2116
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,592	Feb. 13	120	2116
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,681	Feb. 13	120	2120
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,682	Feb. 13	120	2120
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	49,683	Feb. 13	120	2120
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	52,343	May 8	122	716
Standard Horse Nail Company, New Brighton, Pa. Horse-nails.....	52,344	May 8	122	716
Standard Manufacturing Company, Cambridge City, Ind. Chairs.....	58,354	Dec. 11	125	2042
Standard Milling Co., Clarksburg, W. Va. Winter-wheat flour.....	56,836	Oct. 23	124	2527
Standard Oil Co. of New York, New York, N. Y. Illuminating-oil s.....	50,889	Apr. 3	121	1660
Standard Oil Co. of New York, New York, N. Y. Illuminating-oils.....	51,049	Apr. 3	121	1667
Standard Oil Co. of New York, New York, N. Y. Illuminating-petroleum.....	52,308	May 8	122	715
Standard Oil Co. of New York, New York, N. Y. Illuminating-oils.....	52,617	May 15	122	1033
Standard Oil Co. of New York, New York, N. Y. Turpentine.....	53,015	May 22	122	1390
Standard Oil Co. of New York, New York, N. Y. Illuminating-oils manufactured from petroleum.....	53,445	June 5	122	2050
Standard Oil Co. of New York, New York, N. Y. Illuminating-oils.....	54,025	June 19	122	2678
Standard Oil Co. of New York, New York, N. Y. Turpentine.....	54,533	June 26	122	2999
Standard Oil Co. of New York, New York, N. Y. Naphtha.....	55,011	Aug. 7	123	1979
Standard Oil Co. of New York, New York, N. Y. Refined petroleum for illuminating purposes.....	55,910	Aug. 21	123	2619
Standard Oil Co. of New York, New York, N. Y. Naphtha, benzin, and gasoline.....	58,715	Dec. 25	125	2752
Standard Oil Company, Louisville, Ky. Spirits of turpentine.....	51,946	Apr. 24	121	2660
Standard Oil Company, Bayonne, N. J. Oil-lamps.....	57,820	Nov. 27	125	1344
Standard Paint Company, New York, N. Y. Case lining, sheathing, insulating, and roofing papers.....	48,741	Jan. 9	120	652
Standard Paint Company, New York, N. Y. Papers prepared with moisture-resistant substances.....	48,742	Jan. 9	120	652
Standard Paint Company, New York, N. Y. Insulating-tape.....	49,172	Jan. 23	120	1161
Standard Paint Company, New York, N. Y. Waterproof fabric.....	49,254	Jan. 30	120	1470
Standard Paint Company, New York, N. Y. Paints and insulating compounds.....	49,696	Feb. 13	120	2120
Standard Paint Company, New York, N. Y. Flexible waterproof fabric.....	50,919	Apr. 3	121	1661
Standard Paint Company, New York, N. Y. Preservative and insulating varnishes.....	51,456	Apr. 17	121	2314
Standard Paint Company, New York, N. Y. Liquids in the nature of rubber.....	56,799	Oct. 16	124	2175
Standard Paper M'fg. Co., Manchester, Va. Blotting-paper.....	50,159	Mar. 6	121	329
Standard Playing Card Manufacturing Co., Chicago, Ill. Playing-cards.....	56,360	Sept. 18	124	902
Standard Printing Ink Company, Cincinnati, Ohio, and Chicago, Ill. Printing-ink.....	51,001	Apr. 3	121	1665
Standard Sanitary Mfg. Co., Pittsburg, Pa. Bath-tubs and sinks.....	51,910	Apr. 24	121	2658
Standard Sanitary Mfg. Co., Pittsburg, Pa. Bath-tubs.....	53,016	May 22	122	1390
Standard Sanitary Mfg. Co., Pittsburg, Pa. Certain named manufactures.....	58,506	Dec. 18	125	2355
Standard Table Oil Cloth Co., New York, N. Y. Oil-cloths.....	50,993	Apr. 3	121	1665
Standard Table Oil Cloth Co., New York, N. Y. Oil-cloths and oil-cloth coverings and linings.....	56,670	Oct. 16	124	2172
Standard Tool Company, Cleveland, Ohio. Twist-drills.....	49,921	Feb. 20	120	2438
Standard Tool Company, Cleveland, Ohio. Milling-cutters.....	49,922	Feb. 20	120	2438
Standard Tool Company, Cleveland, Ohio. Reamers.....	49,982	Feb. 27	120	2747
Standard Tool Company, Cleveland, Ohio. Taps.....	49,983	Feb. 27	120	2747
Standard Underground Cable Company, Pittsburg, Pa. Insulating compound.....	49,876	Feb. 20	120	2436
Standard Underground Cable Company, Pittsburg, Pa. Insulated wire.....	56,507	Oct. 2	124	1517
Standard Underground Cable Company, Pittsburg, Pa. Wires and cables insulated for electrical purposes.....	58,205	Dec. 11	125	2038
Standard Underground Cable Company, Pittsburg, Pa. Wires and cables insulated for electrical purposes.....	58,206	Dec. 11	125	2038
Standard Underground Cable Company, Pittsburg, Pa. Wires and cables insulated for electrical purposes.....	58,207	Dec. 11	125	2038
Standard Underground Cable Company, Pittsburg, Pa. Insulated wire and cables and insulating compound for electric service.....	58,454	Dec. 18	125	2353

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Standard Varnish Works, New York, N. Y. Certain painters' materials.	57,235	Nov. 6	125	345
Standard Varnish Works, New York, N. Y. Paints, varnishes, and oils used in connection with the same.	57,255	Nov. 6	125	345
Standard Varnish Works, New York, N. Y. Varnishes, wood-fillers, wood-stains, and paints.	57,256	Nov. 6	125	345
Stannard, S. G., Longbeach, Cal. Medicine in tablet form for the cure of headache.	57,031	Oct. 30	124	2897
Stanley, John T., New York, N. Y. Cleaning compound.	57,901	Dec. 4	125	1689
Stanley Rule & Level Company, New Britain, Conn. Round-shank screw-drivers.	54,951	Aug. 7	123	1978
Stanley Works, New Britain, Conn. Fasteners, latches, and bolts.	57,983	Dec. 4	125	1692
Stanley Works, New Britain, Conn. Certain named metal articles.	57,984	Dec. 4	125	1692
Staples & Hanford Co., Newburgh, N. Y. Springwork and wire-spring supports for chairs, sofas, beds, and carriage-seats.	48,725	Jan. 9	120	651
Staples Valve Co., Newburgh, N. Y. Water-supply tanks and valves therefor.	48,466	Jan. 2	120	316
Star Brass Manufacturing Company, Boston, Mass. Valves and parts thereof.	55,580	Aug. 14	123	2307
Star Company, New York, N. Y. Daily newspaper.	57,360	Nov. 13	125	655
Star Company, New York, N. Y. Daily newspaper.	57,372	Nov. 13	125	656
Star Distillery Co., Cincinnati, Ohio. Whisky.	52,188	May 1	122	346
Star Distillery Co., Cincinnati, Ohio. Whisky.	52,280	May 8	122	714
Star Distillery Co., Cincinnati, Ohio. Whisky.	52,545	May 8	122	725
Star Distillery Co., Cincinnati, Ohio. Whisky.	53,057	May 22	122	1392
Star Distillery Company, Cincinnati, Ohio. Whisky.	48,864	Jan. 16	120	894
Star Distillery Company, Cincinnati, Ohio. Whisky.	49,037	Jan. 23	120	1156
Star Distillery Company, Cincinnati, Ohio. Whisky.	49,048	Jan. 23	120	1156
Star Distillery Company, Cincinnati, Ohio. Whisky.	50,028	Feb. 27	120	2749
Star Electric Fuse Works, Wilkes-Barre, Pa. Electric fuses with or without cap.	51,667	Apr. 17	121	2322
Star Oil Company, Chicago, Ill. Boiler-cleaning compounds.	58,716	Dec. 25	125	2752
Star Pin Company, Shelton, Conn. Toilet-pins.	49,609	Feb. 13	120	2117
Star Pin Company, Shelton, Conn. Hooks and eyes.	49,744	Feb. 13	120	2122
Star Yeast Cake Co., Richmond, Va. Yeast-cake.	51,276	Apr. 10	121	1970
Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Grape-vines, cuttings, scions, &c.	52,113	May 1	122	343
Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Grape-vines, cuttings, scions, &c.	52,124	May 1	122	343
Stark Mills, Manchester, N. H. Seamless woven bags.	49,007	Jan. 16	120	899
Stark Mills, Manchester, N. H., and Boston, Mass. Woven cotton goods.	50,391	Mar. 13	121	683
Stark Mills, Manchester, N. H. Sheetings, drills, and ducks.	51,875	Apr. 24	121	2657
Stark Mills, Manchester, N. H. Seamless woven bags.	55,789	Aug. 21	123	2616
Stärker, Hermann, Chemnitz, Germany, and New York, N. Y. Hosiery.	55,790	Aug. 21	123	2616
Stärker, Hermann, Chemnitz, Germany, and New York, N. Y. Hosiery.	55,791	Aug. 21	123	2616
Starkey, John B., San Diego, Cal. Certain named medicinal remedies.	52,476	May 8	122	722
Starks, Richard S., Midway, Ky. Headache-powders.	49,816	Feb. 20	120	2434
Starnier-Copeland Company, Columbus, Ohio. Leather boots and shoes.	57,985	Dec. 4	125	1692
Stauffer Chemical Co., San Francisco, Cal. Borax.	58,424	Dec. 11	125	2044
Steadman, Frank, Yonkers, N. Y. Strings for violins and guitars.	58,323	Dec. 11	125	2041
Stearns, Charles S., Boston, Mass. Leather boots and shoes.	56,424	Sept. 25	124	1201
Steefel, Strauss & Connor, Rochester, N. Y. Coats, pants, and vests.	58,992	Dec. 25	125	2759
Steel, Ferdinand, Philadelphia, Pa. Washing compound.	55,862	Aug. 21	123	2618
Steel, Robert, Philadelphia, Pa. Whisky.	53,411	June 5	122	2048
Steel, Robert, Philadelphia, Pa. Whisky.	55,192	Aug. 7	123	1984
Steele, Frank L., Long Beach, Cal. Hair-tonics.	58,118	Dec. 4	125	1695
Steeves, John W., Baltimore, Md. Apparatus for administering magnetic currents to invalids.	52,281	May 8	122	714
Stegosote Paint Company, San Francisco, Cal. Waterproof paints.	58,697	Dec. 25	125	2751
Steibel, Elizabeth M., Washington, D. C. Skin lotions and washes.	53,871	June 12	122	2383
Stein & Co., A., Chicago, Ill. Garters.	49,008	Jan. 16	120	899
Stein-Falkner Company, New York and Syracuse, N. Y. Antiseptics, germicides, and disinfectants.	56,155	Aug. 28	123	2970
Steinhardt Bros. & Co., New York, N. Y. Whisky.	51,050	Apr. 3	121	1667
Stekete, George G., Grand Rapids, Mich. Worm-destroyer or vermifuge.	51,598	Apr. 17	121	2320
Stekete, George G., Grand Rapids, Mich. Neuralgia-drops.	51,599	Apr. 17	121	2320
Stemmler, Theodore W., New York, N. Y. Tonic, reconstructive histogenetic.	55,721	Aug. 21	123	2614
Stemmler, Theodore W., New York, N. Y. Tonic, reconstructive histogenetic.	56,263	Sept. 4	124	314
Stephens, Olin J., New York, N. Y. Coal and coke.	57,081	Oct. 30	124	2898
Stephenson & Co., Woodbine, N. J., and Philadelphia, Pa. Knit head-gear, including tams, toques, and caps.	51,956	Apr. 24	121	2660
Stephenson & Co., Woodbine, N. J., and Philadelphia, Pa. Knit jackets and sweaters.	52,379	May 8	122	718
Stephenson Mfg. Co., Albany, N. Y. Belt-dressing.	51,251	Apr. 10	121	1969
Sterling Butter Company, Aurora, Ill. Butter.	55,581	Aug. 14	123	2307
Sterling Company, Derby, Conn. Pianos.	49,890	Feb. 20	120	2437
Sterling Oil Company, Emlenton, Pa. Illuminating-oils and lubricating oils and greases.	55,512	Aug. 14	123	2305
Sterling Remedy Company, Kramer, Ind. Cathartic medicine.	52,189	May 1	122	346
Sterling Remedy Company, Kramer, Ind. Medicine for indigestion.	52,459	May 8	122	721
Sterling Whip Company, Westfield, Mass. Whip-centers.	50,953	Apr. 3	121	1663
Stern Brothers, New York, N. Y. Kid and lambskin gloves.	50,755	Mar. 27	121	1342
Stern Brothers, Kansas City, Mo. Whisky.	51,334	Apr. 10	121	1973
Stern & Co. (Incorporated), Richmond, Va. Boots and shoes of leather.	55,048	Aug. 7	123	1980
Stern & Saalberg Company, New York, N. Y. Powdered dessert jelly preparation.	51,390	Apr. 17	121	2312
Stern & Sons, Bernhardt, Milwaukee, Wis. Wheat-flour.	55,957	Aug. 21	123	2620
Sterne, Max M., Amherst, Nova Scotia, Canada. Powder for burns and similar injuries.	58,963	Dec. 25	125	2758
Stetson Shoe Company, Weymouth, Mass. Leather boots, shoes, and slippers.	49,550	Feb. 6	120	1820
Steuben County Wine Co., Chicago, Ill. Wines.	55,550	Oct. 2	124	1518
Steuart, Knatz & Co., Baltimore, Md. Syrups and molasses.	52,162	May 1	122	345
Steurer, Charles D., New York, N. Y. Magazine.	52,580	May 8	122	718
Stevens and Company, Providence, R. I. Spectacles and eyeglasses and their mountings and parts.	52,381	May 8	122	718
Stevens, Frederic B., Detroit, Mich. Foundry-facings.	56,800	Oct. 16	124	2175
Stevens Linen Works, Dudley and Boston, Mass. Linen crash.	49,833	Feb. 20	120	2434
Stewart Brothers Company, Omaha, Neb. Coffee.	50,057	Feb. 27	120	2730
Stewart Heater Co., Buffalo, N. Y. Feed-water heaters.	53,990	June 19	122	2676
Stewart, Howe and May Coy., Jersey City, N. J.; New York, N. Y.; Boston, Mass.; St. Louis, Mo.; Chicago, Ill., and San Francisco, Cal. Petticoats and undershirts.	51,540	Apr. 17	121	2317
Stewart Silk Company, Easton, Pa., and New York, N. Y. Silk fabrics.	50,058	Feb. 27	120	2730
Stewart, Thomas, St. Andrews, Scotland. Iron or other metal heads of golf-clubs.	54,645	June 26	122	3003
Stewarts and Lloyds, Limited, Glasgow, Scotland. Metal tubes.	57,480	Nov. 13	125	659
Stickley, Gustave, Syracuse, N. Y. Furniture consisting of chairs, tables, desks, taborets, divans, sofas, and bedsteads.	56,425	Sept. 25	124	1201
Stiles, Joseph H., York, Pa. Cigars.	58,777	Dec. 25	125	2754
Stillwagon, Alexander H., Connellsville, Pa. Preservative coatings for metals.	53,670	June 12	122	2575
Stirn, L. & E., New York, N. Y. Silk piece goods.	55,099	Aug. 7	123	1982
Stockham, Edward V., Perryman, Md. Canned vegetables.	52,219	May 1	122	347
Stoddard, Gilbert & Co., New Haven, Conn. Canned vegetables and fruits.	53,815	June 12	122	2381
Stokes Bros. Manufacturing Co., Freehold, N. J. Rasps.	55,123	Aug. 7	123	1982

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Stokes & Smith Company, Philadelphia, Pa. Electrically-played pianos and electrical players for pianos.	52,114	May 1	122	343
Stokes & Son, Thomas, New York, N. Y. Certain named cured meats.	54,182	June 19	122	2684
Stokes & Son, Thomas, New York, N. Y. Fancy kettle-rendered lard.	55,582	Aug. 14	123	2307
Stone, Charles Z., Barre, Vt. Liniment for rheumatism and sprains.	53,261	May 29	122	1713
Stone & Forsyth, Boston, Mass. Toilet-paper.	49,493	Feb. 6	120	1818
Stone, Harry C., Oneida, N. Y. Cigars.	56,544	Oct. 2	124	1518
Stone Hill Wine Co., Hermann, Mo. Whisky.	55,301	Aug. 14	123	2300
Stone-Ordean-Wells Co., Duluth, Minn. Canned fruits and vegetables.	57,660	Nov. 27	125	1339
Stone-Ordean-Wells Co., Duluth, Minn. Canned fruits and vegetables.	57,661	Nov. 27	125	1339
Storage Battery Supply Co., New York, N. Y. Storage batteries.	50,837	Apr. 3	121	1658
Stork Company, Boston, Mass. Toilet powder.	50,800	Mar. 27	121	1344
Stork Company, Boston, Mass. Waterproof sheetings.	52,501	May 8	122	723
Stork Company, Boston, Mass. Dress-shields.	56,532	Oct. 2	124	1518
Stork Company, Boston, Mass. Safety and toilet pins.	57,950	Dec. 4	125	1691
Stork Company, Boston, Mass. Textile waterproof fabrics, cloths, and sheetings.	58,931	Dec. 25	125	2758
Stork Company, Boston, Mass. Certain named protective coverings.	58,932	Dec. 25	125	2758
Storz Brewing Co., Omaha, Nebr. Beer.	51,429	Apr. 17	121	2313
Stowell Manufacturing Company, Jersey City, N. J. Asphalt roofing.	50,423	Mar. 13	121	685
Stowell Manufacturing Company, Jersey City, N. J. Asphalt roofing.	50,424	Mar. 13	121	685
Stransky, Maurice, New York, N. Y. Enameled-steelware household and cooking utensils.	52,939	May 22	122	1387
Strasburger, Byron L., New York, N. Y. Watch-movements.	51,715	Apr. 24	121	2650
Strasburger, Byron L., New York, N. Y. Watch-movements.	58,041	Dec. 4	125	1693
Stratford Tobacco Company, New York, N. Y. Cigars.	56,361	Sept. 18	124	901
Straus, Aaron, Chicago, Ill. Cigars.	51,457	Apr. 17	121	2314
Straus Brothers Company, Chicago, Ill. Whisky.	48,556	Jan. 2	120	319
Straus Brothers Company, Chicago, Ill. Whisky.	48,557	Jan. 2	120	319
Straus Brothers Company, Chicago, Ill. Whisky.	48,759	Jan. 9	120	652
Straus Brothers Company, Chicago, Ill. Whisky.	48,760	Jan. 9	120	652
Straus Brothers Company, Chicago, Ill. Whisky.	48,861	Jan. 16	120	894
Straus Brothers Company, Chicago, Ill. Whisky.	50,558	Mar. 20	121	1007
Straus Brothers Company, Chicago, Ill. Whisky.	56,471	Sept. 25	124	1202
Straus Brothers Company, Chicago, Ill. Whisky.	58,018	Dec. 4	125	1692
Straus, Gunst & Co., Richmond, Va. Whisky.	49,684	Feb. 13	120	2120
Straus Gunst & Co., Richmond, Va. Whisky.	54,685	June 26	122	3005
Straus Gunst & Co., Richmond, Va. Gin.	54,686	June 26	122	3005
Strause, Henry P., New York, N. Y. Cigarettes.	48,485	Jan. 2	120	316
Strause, Henry P., New York, N. Y. Cigarettes and cigarette-tobacco.	50,392	Mar. 13	121	683
Strause, Henry P., New York, N. Y. Cigars, cheroots, stogies, together with tobacco used for making the same.	52,003	May 1	122	339
Strause, Henry P., New York, N. Y. Cigarettes.	54,484	June 26	122	2997
Strauss & Co., Adolph, New York, N. Y. Optical toy.	58,964	Dec. 25	125	2758
Strauss, Pritz & Co., Cincinnati, Ohio. Whisky.	48,596	Jan. 2	120	321
Strauss, Pritz & Co., Cincinnati, Ohio. Whisky.	53,903	June 12	122	2384
Strauss, Pritz & Co., Cincinnati, Ohio. Whisky.	57,070	Oct. 30	124	2898
Strauss, Pritz & Co., Cincinnati, Ohio. Whisky.	58,070	Dec. 4	125	1694
Strauss, Pritz & Co., Cincinnati, Ohio. Whisky.	58,071	Dec. 4	125	1694
Strawbridge & Clothier, Philadelphia, Pa. Dolls.	53,187	May 29	122	1710
Strawbridge & Clothier, Philadelphia, Pa. Dolls.	55,583	Aug. 14	123	2307
Strawbridge & Clothier, Philadelphia, Pa. Drinking-water.	58,543	Dec. 18	125	2356
Streator Metal Stamping Co., Streator, Ill. Carpet-sweepers.	52,309	May 8	122	715
Street & Smith, New York, N. Y. Monthly magazine.	57,007	Oct. 30	124	2896
Streett & Company, J. D., St. Louis, Mo. Cylinder and valve oil.	52,310	May 8	122	715
Streit & Co., Samuel, New York, N. Y. Gin.	53,904	June 12	122	2384
Streit & Co., Samuel, New York, N. Y. Sherry.	56,218	Sept. 4	124	313
Streit & Co., Samuel, New York, N. Y. Whisky.	58,266	Dec. 11	125	2039
Streng & Thalheimer, Louisville, Ky. Men's leather boots and shoes.	56,426	Sept. 25	124	1201
Strickler, Samuel K., Mifflinburg, Pa. Food for poultry.	58,903	Dec. 25	125	2757
Stringer, Hannon, New York, N. Y. Remedies for diseases of the throat, lungs, and bronchial organs.	48,558	Jan. 2	120	319
Strohauer, Jacob, Caro, Mich. Certain named medicinal preparations.	58,425	Dec. 11	125	2044
Stromberg, Alice E., Denver, Colo. Anodyne possessing analgesic and antipyretic qualities.	53,274	May 29	122	1714
Strouse & Bros., Baltimore, Md. Coats, vests, trousers, and overcoats.	55,513	Aug. 14	123	2305
Strouse & Bros., Baltimore, Md. Coats, vests, trousers, and overcoats.	55,514	Aug. 14	123	2305
Strouse, W. and B., Harrisburg, Pa. Overcoats and trousers.	55,467	Aug. 14	123	2304
Stuart, Francis F., Niagara Falls, N. Y., and Niagara Falls, Ontario, Canada. Tonic bitters.	56,693	Oct. 16	124	2172
Stuber & Kuck, Peoria, Ill. Certain named tin or sheet-metal articles.	56,569	Oct. 9	124	1857
Stübben & Co., Fr., Erfurt, Germany. Lamps, lanterns, and parts thereof.	48,807	Jan. 16	120	892
Stubling, Chas. J., The Dalles, Oreg. Whisky.	56,700	Oct. 16	124	2172
Studebaker Automobile Company, South Bend, Ind. Automobiles.	49,915	Feb. 20	120	2438
Studebaker Brothers Manufacturing Company, South Bend, Ind. Carriages, buggies, wagons, and carts.	49,351	Jan. 30	120	1474
Studebaker Brothers Manufacturing Company, South Bend, Ind. Horse-drawn vehicles.	49,352	Jan. 30	120	1474
Studebaker Brothers Manufacturing Company, South Bend, Ind. Carriages, wagons, and carts.	49,979	Feb. 27	120	2747
Stuebner, Gustavus L., Long Island City, N. Y. Bottom-dumping buckets.	50,210	Mar. 6	121	351
Stutz & Sons, Louis, New York, N. Y. Bacon.	53,188	May 29	122	1710
Suarez, Benito, Havana, Cuba. Cigars.	56,484	Sept. 25	124	1203
Suchard Société Anonyme. (See Russ-Suchard & Cie., assignors.)	58,455	Dec. 18	125	2353
Suchard & Co., New York, N. Y. Cotton piece goods, sheetings, shirtings, and drills.	52,047	May 1	122	340
Suchern, Robert A., New York, N. Y. Sheetings, shirtings, and drills.	51,600	Apr. 17	121	2320
Suchern, Robert A., New York, N. Y. Sheetings, shirtings, and drills.	51,668	Apr. 17	121	2322
Suchern, Robert A., New York, N. Y. Sheetings, shirtings, and drills.	54,213	June 19	122	2685
Suchern, Robert A., New York, N. Y. Sheetings, shirtings, and drills.	54,214	June 19	122	2685
Suchern, Robert A., New York, N. Y. Sheetings, shirtings, and drills.	58,570	Dec. 18	125	2356
Suffolk Brewing Company, Boston, Mass. Ale.	54,121	June 19	122	2682
Suffolk Brewing Company, Boston, Mass. Ale.	55,252	Aug. 7	123	1986
Suffolk Brewing Company, Boston, Mass. Beer.	55,995	Aug. 21	123	2621
Suffolk Brewing Company, Boston, Mass. Ale.	57,662	Nov. 27	125	1339
Sulfosol Company. (See Wedgefuth, Louis C., assignor.)				
Suhre Sons, Rudolph, Cincinnati, Ohio. Oak harness-leather.	58,696	Dec. 25	125	2751
Summit City Soap Works, Fort Wayne, Ind. Soap.	50,487	Mar. 20	121	1005
Summit City Soap Works, Fort Wayne, Ind. Washing-powder.	50,488	Mar. 20	121	1005
Summit City Soap Works, Fort Wayne, Ind. Soap.	50,566	Mar. 20	121	1008
Sumter Telephone Mfg. Co., Sumter, S. C. Telephone-switchboards.	52,861	May 22	122	1384
Sun Manufacturing Company, Columbus, Ohio. Coffee-mills.	51,624	Apr. 17	121	2321

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette. Vol.	Page.
Sun Manufacturing Company, Columbus, Ohio. Coffee-mills	51,625	Apr. 17	121	2321
Sun Manufacturing Company, Columbus, Ohio. Show-cases	54,857	July 31	123	1659
Sunbrights California Food Co., Los Angeles, Cal. Foods for invalids and infants	49,685	Feb. 13	120	2120
Sunlight Hominy Co., Newcastle Ind. Canned hominy	56,340	Sept. 11	124	620
Sunlit Fruit Company, San Francisco, Cal. Certain named beverages and fruit-juices	52,434	May 8	122	720
Sunlit Fruit Company, San Francisco, Cal. Jams, jellies, marmalades, preserved and conserved fruits	54,183	June 19	122	2684
Sunset Distilling Co., Chicago, Ill. Whiskies	57,663	Nov. 27	125	1339
Supplee Hardware Co., Philadelphia, Pa. Axes, hatchets, and adzes	49,167	Jan. 23	120	1161
Supplee Hardware Co., Philadelphia, Pa. Adzes, hatchets, and axes	51,217	Apr. 10	121	1968
Supplee Hardware Company, Philadelphia, Pa. Shovels, spades, scoops, and spading-forks	49,297	Jan. 30	120	1471
Supplee Hardware Company, Philadelphia, Pa. Shovels, spades, and scoops	49,593	Feb. 13	120	2116
Supplee Hardware Company, Philadelphia, Pa. Shovels, spades, scoops, and spading-forks	49,878	Feb. 20	120	2436
Supplee Hardware Company, Philadelphia, Pa. Axes and hatchets	49,916	Feb. 20	120	2438
Supplee Hardware Company, Philadelphia, Pa. Locks	50,913	Apr. 3	121	1661
Supplee Hardware Company, Philadelphia, Pa. Axes and hatchets	51,216	Apr. 10	121	1968
Supplee Hardware Company, Philadelphia, Pa. Lawn-mowers	51,626	Apr. 17	121	2321
Supplee Hardware Company, Philadelphia, Pa. Lawn-mowers	51,627	Apr. 17	121	2321
Supplee Hardware Company, Philadelphia, Pa. Axes, hatchets, and adzes	52,687	May 15	122	1036
Supplee Hardware Company, Philadelphia, Pa. Pocket-knives	52,964	May 22	122	1388
Supplee Hardware Company, Philadelphia, Pa. Shovels	52,965	May 22	122	1388
Supplee Hardware Company, Philadelphia, Pa. Lawn-mowers	54,238	June 26	122	2987
Supplee Hardware Company, Philadelphia, Pa. Lawn-mowers	54,254	June 26	122	2988
Supplee Hardware Company, Philadelphia, Pa. Lawn-mowers	54,255	June 26	122	2988
Supplee Hardware Company, Philadelphia, Pa. Certain named fishing-tackle	57,173	Nov. 6	125	343
Supplee Hardware Company, Philadelphia, Pa. Certain fishing-tackle	57,236	Nov. 6	125	345
Surbrug Company, New York, N. Y. Pipe and cigarette tobacco	55,253	Aug. 7	123	1986
Surpass Leather Co., Philadelphia, Pa. Shoe-leather	58,848	Dec. 25	125	2755
Surpass Leather Company, Philadelphia, Pa. Shoe and glove leather	58,324	Dec. 11	125	2041
Surpass Leather Company, Philadelphia, Pa. Shoe and glove leather	58,615	Dec. 18	125	2357
Surpass Leather Company, Philadelphia, Pa. Shoe and glove leather	58,616	Dec. 18	125	2358
Sussfeld, Lorsch & Co., New York, N. Y. Opera-glasses and field-glasses	55,275	Aug. 14	123	2299
Sussfeld, Lorsch & Co., New York, N. Y. Opera-glasses and field-glasses	55,276	Aug. 14	123	2299
Suter Hartmann & Rahtjen's Composition Company, Limited, London, England. Enamel oil-paint	56,801	Oct. 16	124	2175
Suter Hartmann & Rahtjen's Composition Company, Limited, London, England. Anticorrosive and antifouling paints	56,802	Oct. 16	124	2175
Suter Hartmann & Rahtjen's Composition Company, Limited, London, England. Anticorrosive paints	56,803	Oct. 16	124	2175
Sutherland, John, Springer, N. Mex. Ter. Metallic pocket tobacco-boxes	57,951	Dec. 4	125	1691
Swank, Arthur H., Fremont, Ohio. Germicides	51,176	Apr. 3	121	1672
Swantees, Samuel F., Itasca, Ill. Undershirts and drawers	57,821	Nov. 27	125	1344
Swartchild & Co., Chicago, Ill. Jewelers' pendant-bows	49,980	Feb. 27	120	2747
Swartchild & Co., Chicago, Ill. Mainsprings	51,107	Apr. 3	121	1669
Swartz & Co., H., Boston, Mass. Whisky	49,047	Jan. 23	120	1156
Swarts, Fred U., Penn Yan, N. Y. Champagne	58,571	Dec. 18	125	2356
Swaty, Franz, Marburg, Austria-Hungary. Razor-hones, sharpening-stones, and sharpening-wheels	48,808	Jan. 16	120	892
Sweet Candy Co., Salt Lake City, Utah. Candy	51,510	Apr. 17	121	2316
Sweet Springs Milling Company, Sweet Springs, Mo. Wheat-flour	50,630	Mar. 27	121	1337
Sweet Springs Milling Company, Sweet Springs, Mo. Flour	51,063	Apr. 3	121	1667
Sweet Springs Milling Company, Sweet Springs, Mo. Wheat-flour	51,064	Apr. 3	121	1668
Sweet Springs Milling Company, Sweet Springs, Mo. Wheat-flour	52,688	May 15	122	1036
Sweet Springs Milling Company, Sweet Springs, Mo. Wheat-flour	52,741	May 15	122	1038
Sweet Springs Milling Company, Sweet Springs, Mo. Wheat-flour	54,184	June 19	122	2684
Swift and Company, Chicago, Ill. Lard	48,698	Jan. 9	120	650
Swift and Company, Chicago, Ill. Lard and lard compounds	51,051	Apr. 3	121	1667
Swift and Company, Chicago, Ill. Oleomargarin	55,958	Aug. 21	123	2620
Swift and Company, Chicago, Ill. Pickled or corned beef	56,103	Aug. 21	123	2624
Swift and Company, Chicago, Ill. Lard and lard compound	56,976	Oct. 30	124	2895
Swift and Company, Chicago, Ill. Smoked or cured hams, bacon, and shoulders	56,977	Oct. 30	124	2895
Swindler, William M., Pittsburg, Pa. Coffee	57,664	Nov. 27	125	1339
Switzer, Fredrick M., St. Louis, Mo. Candy	55,838	Aug. 21	123	2617
Swope & Mangold, Incorporated, Dallas, Tex. Whisky	53,574	June 5	122	2055
Swope & Mangold Incorporated, Dallas, Tex. Whisky	55,322	Aug. 14	123	2300
Sydney Ross Co., New York, N. Y. Remedy for influenza and grip	58,811	Dec. 25	125	2754
Sykes & A. B. Kirschbaum & Co., New York, N. Y. Coats, vests, and trousers	51,734	Apr. 24	121	2651
Sykes & Ab. Kirschbaum & Co., New York, N. Y. Suits and overcoats for young men	53,610	June 5	122	2057
Sykes, Harry T., London, England. Corsets and petticoats	56,837	Oct. 23	124	2527
Syracuse Dry Goods Co., Syracuse, N. Y. Coats, pants, and overalls	52,282	May 8	122	714
T. B. Hall & Co. Ltd., Liverpool, England. Beer and porter	58,934	Dec. 25	125	2758
T. B. Hall & Company Limited, Liverpool, England. Ale, beer, porter, and stout	58,544	Dec. 18	125	2356
T. B. Hall & Company Limited, Liverpool, England. Ale and stout	58,933	Dec. 25	125	2758
T. G. Hawkes & Company, Corning, N. Y. Cut glass and engraved glass	50,559	Mar. 20	121	1007
T. J. Maxwell Co., Peekskill, N. Y. Pajamas and night-ropes	49,891	Feb. 20	120	2437
T. W. Samuels Dist'y, Bardstown, Ky. Whisky	49,796	Feb. 20	120	2433
Taber, Fred J., Boston, Mass. Whisky	53,058	May 22	122	1392
Taber, Fred J., Boston, Mass. Whisky	53,059	May 22	122	1392
Taber, Fred J., Boston, Mass. Whisky	53,060	May 22	122	1392
Tacoma Biscuit & Candy Company, Tacoma, Wash. Plain and fancy candies	56,264	Sept. 4	124	314
Tafts Asthmaless Company, New York, N. Y. Remedy for asthma	50,248	Mar. 6	121	332
Tait & Sons, George, Norfolk, Va. Garden, trucking, and flower seeds and bulbs	51,052	Apr. 3	121	1667
Talbot Mills, Billerica, Mass. Woolen cloth	52,742	May 15	122	1038
Talbot, William A., Warren, Pa. Proprietary medicine for women's diseases	49,575	Feb. 13	120	2115
Talford, John, Brooklyn, N. Y. Cathartic pills	55,625	Aug. 21	123	2612
Tamaki, Yoshi, San Francisco, Cal. Writing-ink	56,265	Sept. 4	124	314
Tanzer, Adolph, New York, N. Y. Rings	53,526	June 5	122	2053
Tapley, Henry F., Boston, Mass. Leather boots and shoes	54,925	Aug. 7	123	1977
Taplin Manufacturing Company, New Britain, Conn. Rotary egg-beaters	57,768	Nov. 27	125	1342
Taro Food Co. Inc., Danbury, Conn. Prepared food for infants and invalids	53,797	June 12	122	2380
Tarr & Wonson, Limited, Gloucester, Mass. Preservative paint for the bottoms of ships and boats	53,961	June 19	122	2675
Tarr & Wonson, Limited, Gloucester, Mass. Preservative paint for the bottoms of ships and boats	53,962	June 19	122	2675
Tate, Albert E., High Point, N. C. Poultry-foods	54,584	June 26	122	3001
Tatreau, John B., San Jose, Cal. Dandruff cure and scalp-invigorator	55,911	Aug. 21	123	2619
Taussig, Oscar, New York, N. Y. Whisky	51,573	Apr. 17	121	2319
Taylor Bros. Co., Inc., Battle Creek, Mich. Chocolate chips	56,117	Aug. 28	123	2969

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Taylor Bros. Co., (Inc.), Battle Creek, Mich. Chocolate chips.....	57,237	Nov. 6	125	345
Taylor, Carleton F., Hot Springs, Ark. Tonic.....	51,947	Apr. 24	121	2660
Taylor Co., N. & G., Philadelphia, Pa. Tin andterne plate.....	56,090	Aug. 21	123	2624
Taylor & Co., W. A., New York, N. Y. Madeira wines.....	52,024	May 1	122	340
Taylor & Co., W. A., New York, N. Y. Whisky.....	52,190	May 1	122	346
Taylor & Co., W. A., New York, N. Y. Wines.....	53,446	June 5	122	2050
Taylor & Co., W. A., New York, N. Y. Whisky.....	53,611	June 5	122	2057
Taylor & Co., W. A., New York, N. Y. Jamaica rum.....	53,612	June 5	122	2057
Taylor, Edward R., Penn Yan, N. Y. Carbon bisulfid (CS ₂).....	49,227	Jan. 30	120	1469
Taylor, Herbert, Portsmouth, England. Infants' food.....	54,395	June 26	122	2993
Taylor, Horace B., Philadelphia, Pa. Pennyroyal and tansy pills.....	53,872	June 12	122	2383
Taylor, Thomas D., Boston, Mass. Blank books.....	51,160	Apr. 3	121	1672
Taylor, William G., Richmond, Va. Lithia-water.....	50,861	Apr. 3	121	1659
Tedcastle & Co., A. W., Boston, Mass. Leather boots and shoes.....	49,510	Feb. 6	120	1818
Tedcastle & Co., A. W., Boston, Mass. Leather boots and shoes.....	51,200	Apr. 10	121	1968
Tefft Weller Company, New York, N. Y. Stockings.....	53,575	June 5	122	2055
Tempest Salve Company, Holyoke, Mass. Salves, ointments, corn cure, and liniment.....	58,993	Dec. 25	125	2759
Temple Pump Company, Chicago, Ill. Buckets for pump-bucket chains.....	52,919	May 22	122	1386
Temple Pump Company, Chicago, Ill. Gas or oil engines.....	52,920	May 22	122	1386
Tengwall Company, Chicago, Ill. Loose-leaf ledgers, binders, files, and leaves therefor.....	53,391	June 5	122	2048
Tennant & Hoyt, Lake City, Minn. Wheat-flour.....	55,626	Aug. 21	123	2612
Teofani & Co., London, England. Cigarettes.....	53,367	May 29	122	1718
Terre Haute Brewing Co., Terre Haute, Ind. Lager-beer and bottled beer.....	48,943	Jan. 16	120	897
Terre Haute Brewing Co., Terre Haute, Ind. Lager-beer and bottled beer.....	51,485	Apr. 17	121	2315
Terre Haute Brewing Co., Terre Haute, Ind. Lager-beer and bottled beer.....	52,762	May 15	122	1039
Terre Haute Brewing Co., Terre Haute, Ind. Lager-beer and bottled beer.....	57,345	Nov. 13	125	655
Terre Haute Brewing Co., Terre Haute, Ind. Lager-beer and bottled beer.....	57,346	Nov. 13	125	655
Terry, George F., Waterville, Me. Magazine or periodical.....	51,053	Apr. 3	121	1667
Tetlow, Joseph, Philadelphia, Pa. Face-powder.....	50,393	Mar. 13	121	683
Tetlow, Joseph, Philadelphia, Pa. Powder for toilet and nursery purposes.....	51,948	Apr. 24	121	2660
Tetlow, Joseph, Philadelphia, Pa. Face-powder.....	51,949	Apr. 24	121	2660
Tetlow, Joseph, Philadelphia, Pa. Face-powder.....	52,220	May 1	122	347
Teweles, Ludwig, Milwaukee, Wis. Grass-seed and field-seed.....	54,585	June 26	122	3001
Texas Company, Beaumont, Tex. Petroleum, illuminating-oils, lubricating-oils, and asphalt-oils.....	57,902	Dec. 4	125	1689
Texas Nursery Company, Sherman, Tex. Peach-trees, scions, cuttings, grafts, roots, and stocks.....	51,486	Apr. 17	121	2315
Texine Medicine Company, St. Jo, Tex. Remedy for internal and external use.....	58,119	Dec. 4	125	1695
Thatcher, Charles J., Easton, Pa. Effervescent powder for making aperient mineral water.....	54,122	June 19	122	2682
Thatcher Furnace Co., Newark, N. J., and New York, N. Y. Hot-air, hot-water, and steam heaters or furnaces and cooking-ranges.....	56,292	Sept. 4	124	315
Thayer, Foss & Co., Boston, Mass. Upper-leather for boots and shoes.....	49,797	Feb. 20	120	2433
Theo. Hamm Brewing Co., St. Paul, Minn. Malt extract.....	48,514	Jan. 2	120	317
Theo. Hamm Brewing Co., St. Paul, Minn. Beer.....	48,568	Jan. 2	120	320
Theobald and Son Co., Columbus, Ohio. Whisky.....	51,628	Apr. 17	121	2321
Theobald and Son Co., Columbus, Ohio. Whisky.....	55,996	Aug. 21	123	2621
Theobald & Son Co., Columbus, Ohio. Rye and rock.....	58,267	Dec. 11	125	2039
Theodore W. Foster & Bro. Co., Providence, R. I. Sterling-silver flat ware, hollow ware, and table-ware.....	50,670	Mar. 27	121	1338
Theodore W. Foster & Bro. Co., Providence, R. I. Sterling-silver jewelry for personal adornment.....	52,840	May 22	122	1383
Thermograde Valve Co., Boston, Mass. Valves.....	57,986	Dec. 4	125	1692
Thixton, Millett & Co., Louisville, Ky. Whisky.....	56,472	Sept. 25	124	1202
Thomas, Bertha R., New York, N. Y. Ink-eradicators.....	54,586	June 26	122	3001
Thomas De La Rue and Company, Limited, London, England. Certain named pens.....	54,858	July 31	123	1658
Thomas Devin Manufacturing Co., Burlington, N. J., and Philadelphia, Pa. Pipe-fittings.....	57,767	Nov. 27	125	1342
Thomas G. Plant Company, Boston, Mass. Leather boots and shoes.....	49,749	Feb. 13	120	2122
Thomas G. Plant Company, Boston, Mass. Leather boots and shoes.....	49,788	Feb. 13	120	2123
Thomas G. Plant Company, Boston, Mass. Men's, women's, and children's leather boots and shoes.....	54,315	June 26	122	2990
Thomas J. Taylor Company, New York, N. Y. Celluloid hair-pins.....	51,669	Apr. 17	121	2322
Thomas Laughlin Company, Portland, Me. Anchors.....	56,104	Aug. 21	123	2624
Thomas McMullen & Co., New York, N. Y. Olive-oil.....	49,910	Feb. 20	120	2437
Thomas Millen Co., Wayland, N. Y. Portland cement.....	54,437	June 26	122	2995
Thomas Shoe Company, Charleston, W. Va. Men's leather shoes.....	57,929	Dec. 4	125	1690
Thomas Stationery Manufacturing Company, Springfield, Ohio. Paper-fasteners.....	53,816	June 12	122	2381
Thomas Walker & Son, Ltd., Birmingham, England. Ship-logs and sounding-machines.....	50,840	Apr. 3	121	1658
Thomas Walker & Son Ltd., Birmingham, England. Ships' logs.....	51,574	Apr. 17	121	2319
Thomas Walker & Son Limited, Birmingham, England. Ship-logs and sounding-machines.....	52,703	May 15	122	1037
Thomas Walker & Son Ltd., Birmingham, England. Ships' logs and sounding-machines.....	52,382	May 8	122	718
Thomas Walker & Son Ltd., Birmingham, England. Ship-logs.....	52,704	May 15	122	1037
Thomas Walker & Son Ltd., Birmingham, England. Ship-logs and sounding-machines.....	52,705	May 15	122	1037
Thomas Walker & Son, Ltd., Birmingham, England. Ship-logs and sounding-machines.....	54,687	June 26	122	3005
Thomas Walker & Son, Ltd., Birmingham, England. Ship-logs and certain named lines.....	56,058	Aug. 21	123	2623
Thomas Walker & Son, Ltd., Birmingham, England. Ship-logs.....	56,059	Aug. 21	123	2623
Thompson, Amund G., Chicago, Ill. Medicinal beverage.....	50,701	Mar. 27	121	1340
Thompson & Christie, New York, N. Y. Certain named garments.....	52,115	May 1	122	343
Thompson-Ehlers Company, Chicago, Ill. Rubber heels.....	55,409	Aug. 14	123	2303
Thompson, Frederick W., New York, N. Y. Certain named textiles.....	57,314	Nov. 13	125	654
Thompson Medical Company, Titusville, Pa. Medicine for the cure of liver and kidney diseases.....	50,801	Mar. 27	121	1344
Thompson & Norris Co., Brooklyn and New York, N. Y. Paper-board and envelopes or receptacles made therefrom.....	48,487	Jan. 2	120	316
Thomson Wood Finishing Co., Philadelphia, Pa. Paints, varnishes, colors, fillers, surfacers, stains, and enamels.....	48,833	Jan. 16	120	893
Thomson Wood Finishing Co., Philadelphia, Pa. Paints, varnishes, fillers, stains, and enamels.....	48,834	Jan. 16	120	893
Thomson Wood Finishing Co., Philadelphia, Pa. Certain named paints and painters' materials.....	58,325	Dec. 11	125	2041
Thonet Brothers, Vienna, Austria-Hungary. Bent-wood furniture.....	54,066	June 19	122	2679
Thornton & Chester Milling Co., Buffalo, N. Y. Wheat-flour.....	50,305	Mar. 6	121	334
Thornton & Co., B., Baltimore, Md. Whisky.....	58,994	Dec. 25	125	2759
Threefoot Bros. & Co., Meridian, Miss. Wheat-flour.....	49,009	Jan. 16	120	899
Threefoot Bros. & Co., Meridian, Miss. Wheat-flour.....	49,923	Feb. 20	120	2438
Threefoot Bros. & Co., Meridian, Miss. Cornmeal.....	50,454	Mar. 20	121	1003
Threefoot Bros. & Co., Meridian, Miss. Cheroots.....	53,963	June 19	122	2675
Thuringische Nadel & Stahlwaaren Fabrik Wulff, Knippenberg & Co., Actien Gesellschaft, Ichtshausen, Germany. Needles of all kinds.....	52,346	May 8	122	716
Tichenor, G. H., New Orleans, La. Antiseptic refrigerants for wounds.....	50,560	Mar. 20	121	1008
Tiedemann & Son, Theo., New York, N. Y. Malines and mousselines.....	49,318	Jan. 30	120	1472
Tiedemann & Son, Theo., New York, N. Y. Moist-proof maline.....	51,849	Apr. 24	121	2656
Tiffany & Co., New York, N. Y. Certain named metal ware.....	55,029	Aug. 7	123	1980

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Tiffany & Co., New York, N. Y. Watches and clocks.....	56,105	Aug. 21	123	2624
Tiffany & Co., New York, N. Y. Jewelry of all kinds.....	58,872	Dec. 25	125	2756
Tiffin Wagon Co., Tiffin, Ohio. Wagons.....	50,631	Mar. 27	121	1337
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Compounds for calming excited nerves and curing spasms.....	56,901	Oct. 23	124	2529
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Remedies for the treatment of gouty diathesis, cystitis, and pyelitis.....	57,548	Nov. 13	125	660
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Remedies for certain named diseases.....	57,549	Nov. 13	125	661
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Remedies for the treatment of stomach and bowel troubles.....	57,571	Nov. 13	125	661
Timen, Gust, Chicago, Ill. Tonic for the scalp and skin.....	53,061	May 22	122	1392
Timmerman, Gerhard H., St. Louis, Mo. Crackers and biscuits.....	55,839	Aug. 21	123	2617
Timson, Charles O., Lynn, Mass. Leather turned shoes.....	52,862	May 22	122	1384
To-Kalon Vineyard Co., Chicago, Ill. Whisky.....	49,502	Feb. 6	120	1818
To-Kalon Vineyard Co., Chicago, Ill. Whisky.....	49,551	Feb. 6	120	1820
To-Kalon Vineyard Co., Chicago, Ill. Whisky.....	49,552	Feb. 6	120	1820
To-Kalon Vineyard Co., Chicago, Ill. Whisky.....	49,553	Feb. 6	120	1820
To-Kalon Vineyard Co., Chicago, Ill. Whisky.....	56,701	Oct. 16	124	2172
To-Kalon Vineyard Co., Chicago, Ill. Whisky.....	56,702	Oct. 16	124	2172
To-Kalon Wine Co., Washington, D. C. Wines.....	53,905	June 12	122	2384
Tobias, Dr. S. I., deceased, New York, N. Y.; L. Tobias, executrix. Liniment.....	49,135	Jan. 23	120	1160
Tobias, Louisa, executrix. (See Tobias, Dr. S. I.)				
Toch Brothers, New York, N. Y. White lead.....	49,321	Jan. 30	120	1472
Toch Brothers, New York, N. Y. Paints.....	50,490	Mar. 20	121	1005
Toch Brothers, New York, N. Y. Varnishes.....	50,702	Mar. 27	121	1340
Toch Brothers, New York, N. Y. Paint and varnish remover.....	50,703	Mar. 27	121	1340
Toch Brothers, New York, N. Y. White lead.....	50,704	Mar. 27	121	1340
Toch Brothers, New York, N. Y. Chemical coating.....	51,335	Apr. 10	121	1973
Toch Brothers, New York, N. Y. Ready-mixed paints.....	51,974	May 1	122	337
Toch Brothers, New York, N. Y. Waterproofing paint.....	51,975	May 1	122	338
Toch Brothers, New York, N. Y. Metal and wood preservative paint.....	51,976	May 1	122	338
Toch Brothers, New York, N. Y. Metallic paints.....	51,977	May 1	122	338
Toch Brothers, New York, N. Y. Artists' blue colors.....	53,501	June 5	122	2052
Toch Brothers, New York, N. Y. Artists' white colors.....	53,502	June 5	122	2052
Toch Brothers, New York, N. Y. Fresco-paints.....	54,420	June 26	122	2994
Toch Brothers, New York, N. Y. Coating for walls.....	54,534	June 26	122	2999
Toch Brothers, New York, N. Y. Damp-resisting paints.....	54,799	July 31	123	1657
Todd Manufacturing Co., New Albany, Ind. Hames.....	49,802	Feb. 20	120	2433
Toledo Field Seed Company, Toledo, Ohio. Clover-seed.....	55,030	Aug. 7	123	1980
Toledo Rubber Co., Toledo, Ohio. Hose composed in whole or in part of rubber.....	55,997	Aug. 21	123	2621
Toledo Saw Co., Toledo, Ohio. Circular saws and band-saws.....	54,952	Aug. 7	123	1978
Tolhausen & Klein, Frankfort-on-the-Main, Germany. Albumen obtained from the treatment of starch.....	53,017	May 22	122	1390
Tomkins, Calvin, New York, N. Y. Calcined plaster.....	50,118	Mar. 6	121	327
Tomlinson, Anne E., New York, N. Y. Ladies' belts.....	51,670	Apr. 17	121	2322
Tone Bros., Des Moines, Iowa. Mustard and spices.....	48,467	Jan. 2	120	316
Tone Bros., Des Moines, Iowa. Baking-powder.....	53,798	June 12	122	2380
Tongue & Bros., R. E., Philadelphia, Pa. Lamp-chimneys and lantern-globes.....	51,458	Apr. 17	121	2314
Topeka Milling Company, Topeka, Kans. Self-raising or pancake flour.....	49,359	Jan. 30	120	1474
Topeka Milling Company, Topeka, Kans. Wheat-flour.....	54,396	June 26	122	2993
Topeka Milling Company, Topeka, Kans. Wheat-flour.....	56,188	Aug. 28	123	2971
Topeka Milling Company, Topeka, Kans. Self-rising flour.....	58,166	Dec. 11	125	2037
Topken & Company, New York, N. Y. Kid gloves.....	56,384	Sept. 18	124	902
Toro, Aniceto F., New York, N. Y., and Mexico, Mexico. Remedy for leprosy and diseases of the blood.....	54,996	Aug. 7	123	1979
Torsch Packing Co., Baltimore, Md. Canned fruits and vegetables.....	52,163	May 1	122	345
Torsch Packing Co., Baltimore, Md. Fresh and canned oysters.....	57,614	Nov. 13	125	662
Totem Machine Co., New York, N. Y. Ladies' wire hat-frames made without tie-wires.....	54,646	June 26	122	3003
Totten, Robert M., Pittsburg, Pa. Hair-tonics.....	58,426	Dec. 11	125	2044
Tousey Varnish Co., Chicago, Ill. Varnish-hardeners.....	54,485	June 26	122	2997
Toussaud Mfg. Co., Mme., Chicago, Ill. Cream for the skin.....	48,771	Jan. 9	120	653
Tower & Lyon Co., New York, N. Y. Handcuffs and leg-irons.....	48,746	Jan. 9	120	652
Tower & Lyon Co., New York, N. Y. Police-twisters.....	48,747	Jan. 9	120	652
Tower & Lyon Co., New York, N. Y. Nail-pullers.....	48,748	Jan. 9	120	652
Tower & Lyon Co., New York, N. Y. Screw-drivers.....	49,360	Jan. 30	120	1474
Tower & Lyon Co., New York, N. Y. Handcuffs and leg-irons.....	50,400	Mar. 13	121	684
Towse Publishing Co., New York, N. Y. Weekly journal.....	57,008	Oct. 30	124	2896
Tracy & Avery Company, Mansfield, Ohio. Cigars.....	56,106	Aug. 21	123	2624
Tradesmen's Publishing Company, St. Louis, Mo. Weekly publication.....	51,376	Apr. 17	121	2311
Tradesmen's Publishing Company, St. Louis, Mo. Weekly publication.....	51,377	Apr. 17	121	2311
Trans-Pacific Manufacturing Co., Inc., Seattle, Wash. Washing and cleaning compounds in dry and liquid form.....	57,481	Nov. 13	125	659
Translucent Fabric Co., Quincy, Mass. Sheet translucent fabric.....	53,576	June 5	122	2055
Transo-Paper Company, Chicago, Ill. Envelops.....	50,165	Mar. 6	121	329
Transue, Levi B., Hazleton, Pa. Pile remedy.....	49,554	Feb. 6	120	1820
Traun Rubber Co., New York, N. Y. Rubber for dental purposes.....	49,136	Jan. 23	120	1160
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	52,191	May 1	122	346
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	51,671	Apr. 17	121	2322
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	51,672	Apr. 17	121	2323
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	51,911	Apr. 24	121	2658
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	52,192	May 1	122	346
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	53,210	May 29	122	1711
Traun & Söhne, Dr. Heinrich, Hamburg, Germany. Combs.....	53,211	May 29	122	1711
Traut & Hine Mfg. Co., New Britain, Conn. Upholsterers' nails.....	50,115	Mar. 6	121	327
Treadwell & Moore, Dallas, Tex. Liquid headache medicine.....	54,986	Aug. 7	123	1979
Treat, Harry W., Seattle, Wash. Bars, ingots, sheets, or molds of gold, silver, or copper.....	49,893	Feb. 20	120	2437
Trefzger, Charles, Peoria, Ill. Bread.....	58,156	Dec. 4	125	1696
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	49,319	Jan. 30	120	1472
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	49,750	Feb. 13	120	2122
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	51,360	Apr. 10	121	1974
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	51,705	Apr. 24	121	2650
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	53,835	June 12	122	2382
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	53,836	June 12	122	2382
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	53,837	June 12	122	2382
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	53,941	June 12	122	2386
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	54,296	June 26	122	2989

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	55,164	Aug. 7	123	1984
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	55,651	Aug. 21	123	2612
Trench's Remedies Ltd., Dublin, Ireland. Ointment for human use.....	51,950	Apr. 24	121	2660
Trench's Remedies Ltd., Dublin, Ireland. Medical preparations for external and internal use by man.....	51,951	Apr. 24	121	2660
Trevor, William, New York, N. Y. Scarfs.....	50,579	Mar. 20	121	1008
Trevor, William, New York, N. Y. Scarfs.....	51,735	Apr. 24	121	2651
Trevor, William, New York, N. Y. Certain named articles of wear for ladies.....	57,183	Nov. 6	125	343
Trevor, William, New York, N. Y. Certain named articles of wear for ladies.....	57,202	Nov. 6	125	344
Tribune Co., Chicago, Ill. Magazines.....	50,633	Mar. 27	121	1337
Tribune Company, Chicago, Ill. Comic sections of newspapers.....	58,698	Dec. 25	125	2751
Trimer, Joseph, Chicago, Ill. Bitter wines.....	48,569	Jan. 2	120	320
Tripod Paint Co., Atlanta, Ga. Calcimine.....	54,486	June 26	122	2797
Triumph Voting Machine Company, Pittsfield, Mass. Voting-machines.....	53,233	May 29	122	1712
Trommer Company, Fremont, Ohio. Malt extracts.....	50,700	Mar. 27	121	1340
Tropic Fruit Company, Ltd., Wahiawa, Hawaii. Combination of papaya, pineapple, and sugar.....	53,189	May 29	122	1710
Tropic Fruit Company, Ltd., Wahiawa, Hawaii. Mixture of the juice of the guava and sugar.....	53,190	May 29	122	1711
Tropic Fruit Company, Ltd., Wahiawa, Hawaii. Mixture of pulp of the guava and sugar.....	53,434	June 5	122	2049
Tropic Fruit Company, Ltd., Wahiawa, Oahu, Hawaii. Fresh, canned, and preserved fruits.....	57,665	Nov. 27	125	1339
Trost Bros., Louisville, Ky. Whisky.....	51,065	Apr. 3	121	1668
Trostel & Sons, Albert, Milwaukee, Wis. Leather for shoes, harness, and gloves.....	56,703	Oct. 16	124	2172
Trostel & Sons, Albert, Milwaukee, Wis. Shoe-leather.....	56,947	Oct. 23	124	2530
Trowbridge Chocolate Chip Company, Meadville, Pa. Chocolate candies.....	55,222	Aug. 7	123	1985
Troy Belting and Supply Company, Troy, N. Y. Round and flat leather belting.....	54,215	June 19	122	2685
Troy Laundry Machinery Company, Limited, Chicago, Ill. Laundry soap.....	52,671	May 15	122	1035
Troy Laundry Machinery Company, Limited, Chicago, Ill. Laundry starch.....	54,563	June 26	122	3000
Truman, Lorinda E., Springfield, Mo. Medicines for the cure of female disorders.....	51,201	Apr. 10	121	1968
Tsakona, Aristotle, San Francisco, Cal. Puddings.....	52,793	May 15	122	1040
Tsakonas, Aristotle, San Francisco, Cal. Canned vegetables.....	58,157	Dec. 4	125	1696
Tabular Rivet & Stud Company, Boston, Mass. Lacing-hooks and lacing-studs.....	50,214	Mar. 6	121	331
Tucker & Hagen, Chicago, Ill. Boys' and girls' leather boots and shoes.....	56,631	Oct. 9	124	1839
Tucker & McCormack, Memphis, Tenn. Whisky.....	54,123	June 19	122	2682
Tucker and McCormack, Memphis, Tenn. Whisky.....	57,265	Nov. 13	125	653
Turner, Albert, Holt Town, Manchester, England. Black and colored inks in fluid, crystal, and powdered form.....	50,596	Mar. 27	121	1335
Turner, Ernest A., Rochester, N. Y. Photographic chemicals.....	54,987	Aug. 7	123	1979
Twentieth Century Publishing Co., Detroit, Mich. Monthly periodical.....	57,009	Oct. 30	124	2896
Twist, Emily A., New York, N. Y. Certain named toilet preparations.....	55,722	Aug. 21	123	2614
Twitchell-Champlin Co., Portland, Me. Remedy for certain named diseases.....	58,093	Dec. 4	125	1694
Twitchell-Champlin Co., Portland, Me., and Boston, Mass. Canned fruits and vegetables.....	56,735	Oct. 16	124	2173
Tyler, Frank R., Staunton, Va. Germicidal and antiseptic liquid.....	50,394	Mar. 13	121	683
U-tah-na Co. (See Good, Milton D., assignor.)				
U. S. Chemical Co., Tampa, Fla. Remedies for consumption.....	51,218	Apr. 10	121	1968
U. S. Chemical Rubber Co., Washington, D. C., and Chicago, Ill. Adhesive cement for mending purposes.....	55,863	Aug. 21	123	2618
U. S. Rubber Reclaiming Works of New York, New York, N. Y. Reclaimed rubber in sheet form.....	51,410	Apr. 17	121	2312
U. S. Rubber Reclaiming Works of New York, New York, N. Y. Reclaimed rubber.....	52,743	May 15	122	1038
U. S. Rubber Reclaiming Works of New York, New York, N. Y. Reclaimed rubber.....	52,744	May 15	122	1038
U. S. Rubber Reclaiming Works of New York, New York, N. Y. Reclaimed rubber.....	52,745	May 15	122	1038
U. T. Hungerford Brass & Copper Co., New York, N. Y. Metal manufactures.....	52,347	May 8	122	716
U. T. Hungerford Brass & Copper Co., New York, N. Y. Brass pipe-fittings.....	55,139	Aug. 7	123	1983
Udolpho Wolfe Co., New York, N. Y. Medicinal tonic or cordial.....	54,150	June 19	122	2683
Udolpho Wolfe Co., New York, N. Y. Medicinal tonic or cordial.....	54,151	June 19	122	2683
Udolpho Wolfe Company, New York, N. Y. Medicinal tonic and cordial.....	53,062	May 22	122	1392
Ulery Co., U. J. (See Ulery, Ulysses J., assignor.)				
Ulery, Ulysses J., assignor to U. J. Ulery Co., New York, N. Y. Razors.....	55,165	Aug. 7	123	1984
Ullman & Co., Cincinnati, Ohio. Whisky.....	56,654	Oct. 16	124	2171
Ullman & Co., Cincinnati, Ohio. Whisky.....	58,268	Dec. 11	125	2040
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	48,604	Jan. 2	120	321
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	48,605	Jan. 2	120	321
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	48,606	Jan. 2	120	321
Ullman Einstein Co., Cleveland, Ohio. Bitters.....	48,607	Jan. 2	120	321
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	49,940	Feb. 27	120	2745
Ullman Einstein Co., Columbus, Ohio. Whisky.....	53,613	June 5	122	2057
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	56,671	Oct. 16	124	2172
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	57,281	Nov. 13	125	653
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	57,282	Nov. 13	125	659
Ullmann Dreifus & Co., Cincinnati, Ohio. Flavoring extracts.....	52,541	May 8	122	724
Ulman, Boykin & Co., Baltimore, Md. Rye whisky.....	50,671	Mar. 27	121	1338
Ulman, Boykin & Co., Baltimore, Md. Rye whisky.....	56,570	Oct. 9	124	1837
Ulrich, John D., Brooklyn, N. Y. Whisky.....	50,215	Mar. 6	121	331
Ulrici, Charles J., New York, N. Y. Tonic remedy for anemia and nervous diseases.....	48,963	Jan. 16	120	898
Ulrici, Charles J., New York, N. Y. Remedies for diseases of the throat, nasal organs, and lungs.....	52,221	May 1	122	347
Ultramarine Company, New York, N. Y. Bluing.....	53,735	June 12	122	2378
Underwood, Charles E., Dayton, Ohio. Candies.....	51,978	May 1	122	338
Underwood & Co., John, New York, N. Y. Carbon-papers, type-writer ribbons, and type-writer pads.....	58,666	Dec. 18	125	2359
Union Bag & Paper Company, New York, N. Y. Paper bags.....	50,838	Apr. 3	121	1658
Union Bag & Paper Company, New York, N. Y. Paper bags.....	52,383	May 8	122	718
Union Bag & Paper Company, New York, N. Y. Paper bags.....	52,384	May 8	122	718
Union Bag & Paper Company, New York, N. Y. Paper bags.....	52,385	May 8	122	718
Union Bag & Paper Company, New York, N. Y. Paper bags.....	52,386	May 8	122	718
Union Bag & Paper Company, New York, N. Y. Paper bags.....	53,234	May 29	122	1712
Union Bag & Paper Company, New York, N. Y. Paper bags.....	53,577	June 5	122	2055
Union Bag & Paper Company, New York, N. Y. Paper bags.....	54,223	June 19	122	2685
Union Bag & Paper Company, New York, N. Y. Paper bags.....	54,297	June 26	122	2989
Union Bag & Paper Company, New York, N. Y. Paper bags.....	54,953	Aug. 7	123	1978
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,118	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,119	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,120	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,121	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,122	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,123	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,124	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,125	Aug. 28	123	2969
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,126	Aug. 28	123	2969

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,189	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,190	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,191	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,192	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,193	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,194	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,195	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	56,196	Aug. 28	123	2971
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,184	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,185	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,186	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,187	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,188	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,189	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,190	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,191	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,192	Nov. 6	125	343
Union Bag & Paper Company, New York, N. Y. Paper bags.....	57,203	Nov. 6	125	344
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,326	Dec. 11	125	2041
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,327	Dec. 11	125	2041
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,427	Dec. 11	125	2044
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,428	Dec. 11	125	2044
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,617	Dec. 18	125	2358
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,618	Dec. 18	125	2358
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,667	Dec. 18	125	2359
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,668	Dec. 18	125	2359
Union Bag & Paper Company, New York, N. Y. Paper bags.....	58,669	Dec. 18	125	2359
Union Card & Paper Co., New York, N. Y. Writing, bond, and ledger paper.....	56,779	Oct. 16	124	2174
Union Card & Paper Co., New York, N. Y. Writing, bond, and ledger paper.....	56,780	Oct. 16	124	2174
Union Cooperage Co., St. Louis, Mo. Barrels, kegs, buckets, and pails.....	55,515	Aug. 14	123	2305
Union Cotton Mills, Union, S. C. Sheetings.....	55,998	Aug. 21	123	2621
Union Distilling Co., Cincinnati, Ohio. Whisky.....	51,736	Apr. 24	121	2651
Union Distilling Co., Cincinnati, Ohio. Whisky.....	51,876	Apr. 24	121	2657
Union Distilling Co., Cincinnati, Ohio. Whisky.....	55,302	Aug. 14	123	2300
Union Distilling Co., Cincinnati, Ohio. Whisky.....	56,023	Aug. 21	123	2622
Union Distilling Co., Cincinnati, Ohio. Whisky.....	56,091	Aug. 21	123	2624
Union Distilling Company, Cincinnati, Ohio. Whisky.....	56,632	Oct. 9	124	1839
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	51,164	Apr. 3	121	1672
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	58,120	Dec. 4	125	1695
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	58,121	Dec. 4	125	1695
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	58,122	Dec. 4	125	1695
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	58,123	Dec. 4	125	1695
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	58,124	Dec. 4	125	1695
Union Distlg. Co., Cincinnati, Ohio. Whisky.....	58,873	Dec. 25	125	2756
Union Fibre Co., Winona, Minn. Certain named fabrics.....	53,018	May 22	122	1390
Union Hoe Co., Atlanta, Ga. Hoes.....	53,578	June 5	122	2055
Union Horse Nail Company, New Haven, Conn., and Chicago, Ill. Horse-nails.....	49,941	Feb. 27	120	2745
Union Horse Nail Company, New Haven, Conn., and Chicago, Ill. Horse-nails.....	49,964	Feb. 27	120	2746
Union Horse Nail Company, New Haven, Conn., and Chicago, Ill. Horse-nails.....	51,810	Apr. 24	121	2654
Union Horse Nail Company, New Haven, Conn., and Chicago, Ill. Horse-nails.....	51,811	Apr. 24	121	2654
Union Manufacturing Company, Peterboro, N. H. Crochet quilts.....	48,488	Jan. 2	120	316
Union Manufacturing Company, Peterboro, N. H. Crochet quilts.....	49,063	Jan. 23	120	1157
Union Manufacturing Company, Peterboro, N. H. Crochet quilts.....	49,261	Jan. 30	120	1470
Union Manufacturing Company, Peterboro, N. H. Crochet quilts.....	49,262	Jan. 30	120	1470
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,500	Feb. 6	120	1818
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,606	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,607	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn., and New York, N. Y. Cartridges and cartridge-shells.....	49,610	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and metal and paper cartridge-shells.....	49,611	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,612	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,613	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,614	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges.....	49,615	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,616	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,617	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,618	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	49,619	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,620	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,621	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,622	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,623	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges and cartridge-shells.....	49,624	Feb. 13	120	2117
Union Metallic Cartridge Company, Bridgeport, Conn., and New York, N. Y. Cartridge-shells.....	56,024	Aug. 21	123	2622
Union Metallic Cartridge Company, Bridgeport, Conn., and New York, N. Y. Cartridges.....	59,008	Dec. 25	125	2760
Union Special Machine Co., Chicago, Ill. Sewing-machines and parts thereof.....	53,235	May 29	122	1712
Union Special Machine Co., Chicago, Ill. Sewing-machines and parts thereof.....	53,236	May 29	122	1712
Union Special Machine Company, Chicago, Ill. Sewing-machines and parts thereof.....	48,707	Jan. 9	120	650
Union Special Machine Company, Chicago, Ill. Sewing-machines and parts thereof.....	49,361	Jan. 30	120	1474
Union Special Machine Company, Chicago, Ill. Sewing-machines and parts thereof.....	49,362	Jan. 30	120	1474
Union Special Machine Company, Chicago, Ill. Machine-needles.....	54,759	June 26	122	3008
Union Steam Pump Co., Battle Creek, Mich. Steam-pumps.....	57,482	Nov. 13	125	653
Union Steam Pump Co., Battle Creek, Mich. Steam-pumps.....	58,456	Dec. 18	125	2353
Union Stove Works, New York, N. Y. Ranges, stoves, furnaces, and radiators.....	57,987	Dec. 4	125	1692
Union Stove Works, New York, N. Y. Ranges, stoves, furnaces, and radiators.....	57,988	Dec. 4	125	1692
Union Stove Works, New York, N. Y. Ranges, stoves, furnaces, and radiators.....	57,989	Dec. 4	125	1692
Union Wholesale Liquor Co., Chicago, Ill. Whisky.....	49,263	Jan. 30	120	1470
Union Wholesale Liquor Co., Chicago, Ill. Bitters.....	56,902	Oct. 23	124	2529
Unionsbrauerei Schülen & Co., Aktien-Gesellschaft, Munich, Germany. Beer.....	58,812	Dec. 25	125	2754
Unique Manufacturing Company, Shelton, Conn. Hooks and eyes.....	49,786	Feb. 13	120	2123
Unique Manufacturing Company, Shelton, Conn. Hooks and eyes.....	49,787	Feb. 13	120	2123
United Fast Color Eyelet Company, Boston, Mass. Eyelets and lacing-hooks.....	50,738	Mar. 27	121	1341
United Indurated Fibre Co. of New Jersey, Lockport, N. Y. Indurated fiber ware.....	54,688	June 26	122	3005
United Indurated Fibre Co. of New Jersey, Lockport, N. Y. Indurated fiber ware.....	54,689	June 26	122	3005
United Injector Co., New York, N. Y. Ejectors.....	50,632	Mar. 27	121	1337

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
United Injector Co., New York, N. Y. Inspirators.....	57,990	Dec. 4	125	1622
United Iron Works, Oakland, Cal. Hydraulic pumps.....	52,589	May 15	122	1032
United Paper Company, Atlanta, Ga. Wrapping-paper.....	57,204	Nov. 6	125	344
United Shoe Machinery Co., Boston, Mass. Leather welted boots and shoes.....	54,185	June 19	122	2684
United Shoe Machinery Company, Boston, Mass. Wire.....	50,597	Mar. 27	121	1335
United Shoe Machinery Company, Boston, Mass. Nails.....	53,736	June 12	122	2378
United States Brewing Company of Chicago, Chicago, Ill. Beer.....	53,262	May 29	122	1713
United States Coal & Oil Company, Boston, Mass. Coal.....	55,864	Aug. 21	123	2618
United States Fastener Co., Boston, Mass. Snap-fasteners.....	58,965	Dec. 25	125	2759
United States Food Co., Pleasant City, Ohio. Medicated food for horses, cattle, sheep, and hogs.....	50,401	Mar. 13	121	684
United States Graphite Company, Saginaw, Mich. Foundry-facings.....	54,026	June 19	122	2678
United States Graphite Company, Saginaw, Mich. Pulverized graphite.....	54,454	June 26	122	2996
United States Graphite Company, Saginaw, Mich. Plumbago (or graphite) axle-grease.....	54,647	June 26	122	3004
United States Graphite Company, Saginaw, Mich. Lubricating-graphite.....	55,468	Aug. 14	123	2304
United States Graphite Company, Saginaw, Mich. Silver-lead, or plumbago foundry-facings, and pulverized graphite.....	58,531	Dec. 18	125	2355
United States Mica Mining and Milling Co., Chicago, Ill. Mica for lubricating purposes.....	49,320	Jan. 30	120	1472
United States Paper Cutter Co., St. Louis, Mo. Roll-paper holders and cutters.....	48,964	Jan. 16	120	898
United States Paper Cutter Co., St. Louis, Mo. Roll-paper holders and cutters.....	48,965	Jan. 16	120	898
United States Paper Cutter Co., St. Louis, Mo. Roll-paper holders and cutters.....	50,841	Apr. 3	121	1658
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,565	Jan. 2	120	319
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,566	Jan. 2	120	319
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,744	Jan. 9	120	652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,745	Jan. 9	120	652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,865	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,866	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,867	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,868	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,869	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,870	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,871	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,872	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,873	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,874	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,875	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,876	Jan. 16	120	894
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,877	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,878	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,879	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,880	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,881	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,882	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,883	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,884	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,885	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,886	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,887	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,888	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,889	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,890	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,891	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,892	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,893	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,894	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	48,895	Jan. 16	120	895
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,112	Jan. 23	120	1159
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,113	Jan. 23	120	1159
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,114	Jan. 23	120	1159
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,255	Jan. 30	120	1470
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,256	Jan. 30	120	1470
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,257	Jan. 30	120	1470
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,419	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,420	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,421	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,422	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,423	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,424	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,425	Feb. 6	120	1815
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,745	Feb. 13	120	2122
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,746	Feb. 13	120	2122
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,747	Feb. 13	120	2122
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,748	Feb. 13	120	2122
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,803	Feb. 20	120	2433
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,844	Feb. 20	120	2435
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,845	Feb. 20	120	2435
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	49,846	Feb. 20	120	2435
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,078	Mar. 6	121	325
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,079	Mar. 6	121	325
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,116	Mar. 6	121	327
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,117	Mar. 6	121	327
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,350	Mar. 13	121	682
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,351	Mar. 13	121	682
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	50,352	Mar. 13	121	682
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,202	Apr. 10	121	1968
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,378	Apr. 17	121	2311
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,379	Apr. 17	121	2311
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,380	Apr. 17	121	2311
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,716	Apr. 24	121	2650
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,737	Apr. 24	121	2651
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,738	Apr. 24	121	2651
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,749	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,750	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,751	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,752	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,753	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,754	Apr. 24	121	2652

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,755	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	51,756	Apr. 24	121	2652
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,025	May 1	122	340
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,026	May 1	122	340
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,027	May 1	122	340
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,028	May 1	122	340
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,029	May 1	122	340
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,471	May 8	122	721
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	52,763	May 15	122	1039
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	53,063	May 22	122	1392
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	53,089	May 22	122	1393
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	53,435	June 5	122	2049
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	54,800	July 31	123	1657
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	54,801	July 31	123	1658
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,013	Aug. 7	123	1979
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,100	Aug. 7	123	1982
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,166	Aug. 7	123	1984
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,516	Aug. 14	123	2305
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,517	Aug. 14	123	2305
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,518	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,519	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,520	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,521	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,522	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,523	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,524	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,525	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,552	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,553	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	55,554	Aug. 14	123	2306
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	56,992	Oct. 30	124	2896
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,288	Dec. 11	125	2040
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,289	Dec. 11	125	2040
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,290	Dec. 11	125	2040
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,291	Dec. 11	125	2040
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,380	Dec. 11	125	2042
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,381	Dec. 11	125	2042
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,382	Dec. 11	125	2042
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,383	Dec. 11	125	2042
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,384	Dec. 11	125	2042
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,572	Dec. 18	125	2356
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.....	58,601	Dec. 18	125	2357
United States Playing Card Co., Cincinnati, Ohio. Game counters and chips.....	58,602	Dec. 18	125	2357
United States Radiator Company, Dunkirk, N. Y. Steam and hot-water radiators.....	56,633	Oct. 9	124	1839
United States Radiator Company, Dunkirk, N. Y. Steam and hot-water radiators.....	57,010	Oct. 30	124	2896
United States Radiator Company, Dunkirk, N. Y. Steam and hot-water radiators.....	57,911	Oct. 30	124	2896
United States Wood Preserving Company, New York, N. Y. Wood blocks for paying.....	50,863	Apr. 3	121	1659
United Wine and Trading Company, New York, N. Y. Whisky.....	50,140	Mar. 6	121	328
Universal Cutter Company, St. Louis, Mo. Cloth-cutting machines.....	56,025	Aug. 21	123	2622
Universal Dyspepsia Cure Co., Baltimore, Md. Dyspepsia cure.....	58,125	Dec. 4	125	1695
Universal Talking Machine Manufacturing Company, New York, N. Y. Talking-machines, talking-machine parts, and talking-machine records.....	57,550	Nov. 13	125	661
Upham Bros. Co., Stoughton, Mass. Leather boots and shoes.....	50,355	Mar. 13	121	682
Upham Bros. Co., Stoughton, Mass. Leather boots and shoes.....	50,431	Mar. 13	121	685
Upham Bros. Co., Stoughton, Mass. Leather shoes.....	57,361	Nov. 13	125	655
Uri, Nathan M., Louisville, Ky. Whisky.....	50,306	Mar. 6	121	334
Uri, Nathan M., Louisville, Ky. Whisky.....	55,792	Aug. 21	123	2616
Uri, Nathan M., Louisville, Ky. Whisky.....	56,092	Aug. 21	123	2624
Uri, Nathan M., Louisville, Ky. Whisky.....	58,355	Dec. 11	125	2042
Uri, Nathan M., Louisville, Ky. Whisky.....	58,356	Dec. 11	125	2042
Uri, Nathan M., Louisville, Ky. Whisky.....	58,357	Dec. 11	125	2042
Urino Chemical Co., New York, N. Y. Disinfectants and insecticides.....	58,778	Dec. 25	125	2754
Usona Light Co., New York, N. Y. Self-lighting incandescent gas-mantles.....	49,751	Feb. 13	120	2122
Utica Cement Mfg. Co., Utica, Ill. Hydraulic cement.....	52,892	May 22	122	1385
Utica Drop Forge & Tool Company, Utica, N. Y. Nippers, pincers, and cutting-pliers.....	49,173	Jan. 23	120	1161
Utica Heater Co., Utica, N. Y. Boilers.....	53,650	June 5	122	2058
Utica Heater Co., Utica, N. Y. Heating-furnaces.....	55,140	Aug. 7	123	1983
Utica Hydraulic Cement Co., Utica, Ill. Hydraulic cement.....	53,368	May 29	122	1718
Utica Hydraulic Cement Co., Utica, Ill. Hydraulic cement.....	54,487	June 26	122	2997
Utz & Dunn, Rochester, N. Y. Leather boots and shoes.....	56,197	Aug. 28	123	2971
Utz & Dunn, Rochester, N. Y. Leather boots and shoes.....	57,257	Nov. 6	125	345
V. Schoenecker Boot & Shoe Company, Milwaukee, Wis. Leather boots and shoes.....	52,222	May 1	122	347
V. K. and A. H. Jones Co., Lynn, Mass. Boots and shoes made of leather and of canvas.....	48,835	Jan. 16	120	893
V. K. and A. H. Jones Co., Lynn, Mass. Shoes made of leather and of canvas.....	49,264	Jan. 30	120	1470
Vaccaro Cigar & Liquor Co., Memphis, Tenn. Whisky.....	58,358	Dec. 11	125	2042
Vagn-och Maskin-Fabriks-Aktiebolaget, Främby, near Falun, Sweden. Pumps and turbines.....	57,483	Nov. 13	125	659
Vail Brothers, Philadelphia, Pa. Tooth-powder.....	56,339	Sept. 11	124	620
Valentin Blatz Brewing Co., Milwaukee, Wis. Bottled lager-beer.....	49,804	Feb. 20	120	2433
Valentin Blatz Brewing Co., Milwaukee, Wis. Malt extract.....	50,080	Mar. 6	121	325
Valentine & Company, New York, N. Y. Varnishes and japans.....	50,705	Mar. 27	121	1340
Valentine & Company, New York, N. Y. Varnishes, mixed paints, and enamels.....	55,526	Aug. 14	123	2306
Valentine & Company, New York, N. Y. Mixed paints, varnishes, enamels, blacks, roughstuffs, and pigments used for paints.....	56,427	Sept. 25	124	1201
Valentine Franz Co., Philadelphia, Pa. Bitters.....	53,121	May 29	122	1708
Valentine Franz Co., Philadelphia, Pa. Whisky.....	58,338	Dec. 11	125	2041
Valentine's Meat Juice Company, Richmond, Va. Preparations of meat-juice and compound of meat-juice and glycerin.....	51,066	Apr. 3	121	1668
Valk & Bro., S. J., New York, N. Y. Olives.....	49,924	Feb. 20	120	2438
Valk & Bro., S. J., New York, N. Y. Olives.....	49,925	Feb. 20	120	2438
Valk & Bro., S. J., New York, N. Y. Stuffed olives.....	52,893	May 22	122	1385
Valk & Bro., S. J., New York, N. Y. Jelly-powder.....	53,191	May 29	122	1711
Valvoline Oil Company, Edgewater, N. J., and New York, N. Y. Lubricating-oils.....	53,237	May 29	122	1712
Valvoline Oil Company, Edgewater, N. J., and New York, N. Y. Lubricating-oils.....	56,816	Oct. 23	124	2527
Van Antwerp & Son, G., Mobile, Ala. Internal remedies for headaches.....	51,673	Apr. 17	121	2323
Van Deussen, Florence E., New York, N. Y. Machines for exhibiting advertising and display matter.....	54,298	June 26	122	2989

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Van Duzer, S. R., New York, N. Y. Hair-restoratives	50,254	Mar. 6	121	332
Van Duzer, S. R., New York, N. Y. Hair-restorer	50,255	Mar. 6	121	332
Van Duzer, S. R., New York, N. Y. Hair-restoratives	53,585	June 5	122	2056
Van Duzer, S. R., New York, N. Y. Hair-restorative	56,026	Aug. 21	123	2622
Van Duzer, S. R., New York, N. Y. Lotion	56,060	Aug. 21	123	2623
Van Emden Cocoa Co., San Francisco, Cal. Chocolates	49,115	Jan. 23	120	1159
Van Emden Cocoa Co., San Francisco, Cal. Chocolates	49,363	Jan. 30	120	1474
Van Fossen, James S., Macomb, Ill. Air-tight burial-vault	56,533	Oct. 2	124	1518
Van Horn & Sawtell, New York, N. Y. Antiseptic non-fatty and soluble lubricating-jelly	54,124	June 19	122	2682
Van Houten & Zoon, C. J., Weesp, Netherlands. Cocoa	50,864	Apr. 3	121	1659
Van Houten & Zoon, C. J., Weesp, Netherlands. Cocoa	55,277	Aug. 14	123	2299
Van Houten & Zoon, C. J., New York, N. Y. Cocoa	58,545	Dec. 18	125	2356
Van Houten & Zoon, C. J., New York, N. Y. Cocoa and chocolate	58,546	Dec. 18	125	2356
Van Lissel Johanna W., Pella, Iowa. Remedies for the cure of rheumatism	51,252	Apr. 10	121	1970
Van Ness, Theodore P., Newark, N. J. Remedy for certain named diseases	49,580	Feb. 13	120	2116
Van Nest, Geo. R., Revere, Wis. Popcorn confectionery	56,127	Aug. 28	123	2969
Van Nostrand, Alonzo G., Boston, Mass. Ale	49,752	Feb. 13	120	2122
Van Nostrand, Alonzo G., Boston, Mass. Ale, lager-beer, and porter	57,572	Nov. 13	125	661
Van Orden, Chauncey S., Brooklyn, N. Y. Tooth-powder	56,128	Aug. 28	123	2969
Van Pragg, Albert, New York, N. Y. Peanut-butter	58,208	Dec. 11	125	2038
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	48,672	Jan. 9	120	649
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	48,708	Jan. 9	120	650
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	48,772	Jan. 9	120	653
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	48,773	Jan. 9	120	653
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Medicated blackberry brandy	48,836	Jan. 16	120	893
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	48,837	Jan. 16	120	893
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Medicine or remedy for diseases of the kidneys and bladder	48,901	Jan. 16	120	895
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for coughs and ailments of the throat and lungs	48,902	Jan. 16	120	895
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Pile-salve	48,903	Jan. 16	120	895
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Liniment	48,904	Jan. 16	120	895
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for certain named diseases	48,966	Jan. 16	120	898
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for the cure of rheumatism	48,967	Jan. 16	120	898
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Pills for the cure and alleviation of diseases and disorders of the liver	48,968	Jan. 16	120	898
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for certain named diseases	49,504	Feb. 6	120	1818
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Vermifuge	49,505	Feb. 6	120	1818
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Preparation for certain named diseases	49,506	Feb. 6	120	1818
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for certain named diseases	49,507	Feb. 6	120	1818
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	50,402	Mar. 13	121	684
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky	52,746	May 15	122	1038
Vandyck Churchill Company, New York, N. Y. Lathes	52,387	May 8	122	718
Vane-Calvert Paint Co., St. Louis, Mo. Mixed liquid paint	53,737	June 12	122	2378
Vane-Calvert Paint Co., St. Louis, Mo. Colored pigments used for paint	57,741	Nov. 27	125	1341
Vapo-Cresolene Co., Stanley, N. J., and New York, N. Y. Carbolic-acid or creosote preparation	58,072	Dec. 4	125	1694
Vapo-Cresolene Co., Stanley, N. J., and New York, N. Y. Carbolic-acid or creosote preparation	58,094	Dec. 4	125	1694
Vapo-Cresolene Co., Stanley, N. J., and New York, N. Y. Certain named medicine	58,813	Dec. 25	125	2754
Vapo-Cresolene Co., Stanley, N. J., and New York, N. Y. Certain named medicine	58,814	Dec. 25	125	2755
Vapo-Cresolene Co., Stanley, N. J., and New York, N. Y. Certain named medicine	58,815	Dec. 25	125	2755
Vautier Frères, Carouge, Switzerland. Files	50,920	Apr. 3	121	1661
Vedanta Society, New York, N. Y. Printed books	50,954	Apr. 3	121	1663
Venor & Montgomery, Rochester, N. Y. Leather boots and shoes	58,328	Dec. 11	125	2041
Venus Chemical Co., New York, N. Y. Embalming fluids	51,178	Apr. 3	121	1672
Vereinigte Chemische Werke Aktiengesellschaft, Charlottenburg, Germany. Medicine for Graves' disease	53,527	June 5	122	2653
Vereinigte Chininfabriken Zimmer & Co., Ges. mit beschränkter Haftung, Frankfurt-on-the-Main, Germany. Medicament	54,087	June 19	122	2680
Vereinigte Chininfabriken Zimmer & Co., Ges. mit beschränkter Haftung, Frankfurt-on-the-Main, Germany. Derivatives of cinchona alkaloids	54,088	June 19	122	2680
Vereinigte Chininfabriken Zimmer & Co., Ges. mit beschränkter Haftung, Frankfurt-on-the-Main, Germany. Derivatives of cinchona alkaloids	55,723	Aug. 21	123	2614
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	52,894	May 22	122	1385
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	52,940	May 22	122	1387
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	52,941	May 22	122	1387
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	52,987	May 22	122	1389
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	53,019	May 22	122	1390
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	53,020	May 22	122	1390
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	54,397	June 26	122	2993
Vermont Condensed Milk Co., Richmond, Vt., and New York, N. Y. Condensed milk	54,398	June 26	122	2993
Vermont Farm Machine Co., Bellows Falls, Vt. Centrifugal cream-separators	54,882	July 31	123	1660
Vernon, S. E. & M., New York, N. Y. Writing-papers	55,361	Aug. 14	123	2301
Vicente Portuondo Cigar Manufacturing Company, Philadelphia, Pa. Cigars, cheroots, and stogies	55,469	Aug. 14	123	2304
Vicente Portuondo Cigar Manufacturing Company, Camden, N. J., and Philadelphia, Pa. Cigars, cheroots, and little cigars	58,507	Dec. 18	125	2355
Vickery & Hill Publishing Co., Augusta, Me. Monthly periodical	57,012	Oct. 30	124	2896
Vickery & Hill Publishing Co., Augusta, Me. Monthly periodical	57,071	Oct. 30	124	2898
Vickery & Hill Publishing Co., Augusta, Me. Monthly periodical	57,072	Oct. 30	124	2898
Victor Koechl & Co., New York, N. Y. Medicinal preparation	53,873	June 12	122	2383
Victor Remedies Company, Frederick, Md. Remedies for certain named diseases	55,724	Aug. 21	123	2614
Victor Talking Machine Co., Camden, N. J. Records for talking-machines	49,364	Jan. 30	120	1474
Victor Talking Machine Co., Camden, N. J. Smoking-tobacco and cigarettes	54,027	June 19	122	2678
Victor Talking Machine Co., Camden, N. J. Talking-machine records	54,368	June 26	122	2992
Victor Talking Machine Co., Camden, N. J. Talking-machine records	54,555	June 26	122	2999
Victor Talking Machine Co., Camden, N. J. Talking-machine records	54,536	June 26	122	2999
Victor Talking Machine Company, Camden, N. J. Sound-boxes for talking-machines	49,984	Feb. 27	120	2747
Victor Talking Machine Company, Camden, N. J. Records for talking-machines	49,985	Feb. 27	120	2747
Victor Talking Machine Company, Camden, N. J. Records for talking-machines	50,081	Mar. 6	121	325
Victor Talking Machine Company, Camden, N. J. Talking-machines and parts thereof	50,082	Mar. 6	121	325
Victor Talking Machine Company, Camden, N. J. Records for talking-machines	50,598	Mar. 27	121	1335
Victor Talking Machine Company, Camden, N. J. Talking-machines and parts thereof	55,410	Aug. 14	123	2303
Victor Talking Machine Company, Camden, N. J. Talking-machines and parts thereof	55,443	Aug. 14	123	2304
Victor Talking Machine Company, Camden, N. J. Talking-machine records	57,082	Oct. 30	124	2898
Victor Talking Machine Company, Camden, N. J. Talking-machines and parts thereof	57,551	Nov. 13	125	661
Vienna Pressed Yeast Company, New York, N. Y. Yeast in solid form	54,883	July 31	123	1660
Vienna Pressed Yeast Company, New York, N. Y. Yeast in solid form	55,584	Aug. 14	123	2307

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	Page.
			Vol.	
Vienna Pressed Yeast Company, New York, N. Y. Yeast in solid form.	56,473	Sept. 25	124	1202
Vig-Ni Medicine Co., Chicago, Ill. Dyspepsia tablets and capsules.	49,894	Feb. 20	120	2437
Villeroy & Boch, Mettlach, Germany. China, stoneware, earthenware, terra-cotta, and porcelain.	57,552	Nov. 13	125	661
Vimedia Company. (See Fuller, James C., assignor.)				
Vincent, Willis E., Hutchinson, Kans. Remedy for hog-cholera and kindred swine diseases.	56,534	Oct. 2	124	1518
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,275	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,276	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,277	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,278	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,279	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,280	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,281	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,282	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,283	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,284	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,285	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,286	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,287	May 29	122	1714
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,288	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,289	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,290	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,291	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,292	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,293	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,294	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,295	May 29	122	1715
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,472	June 5	122	2051
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,473	June 5	122	2051
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,474	June 5	122	2051
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,503	June 5	122	2052
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,504	June 5	122	2052
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,505	June 5	122	2052
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,506	June 5	122	2052
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,507	June 5	122	2052
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	53,508	June 5	122	2052

Alphabetical list of registrants of trade-marks—Continued.

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Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers	57,839	Nov. 27	125	1344
Virol, Limited, London, England. Food preparation of bone-marrow and malt	54,216	June 19	122	2685
Vischer & Co., Basel, Switzerland, and New York, N. Y. Ribbons	53,615	June 5	122	2057
Vischer & Co., Basel, Switzerland, and New York, N. Y. Ribbons	53,651	June 5	122	2058
Vischer & Co., New York, N. Y., and Basel, Switzerland. Ribbons	58,292	Dec. 11	125	2040
Voegele & Dinning Co., Mansfield, Ohio. Chocolate creams and chocolate-coated candy	55,411	Aug. 14	123	2303
Voigt Brewery Co., Detroit, Mich. Beer	58,329	Dec. 11	125	2041
Voigt & Co., Chattanooga, Tenn. Liquid preparation of sodium phosphate	51,361	Apr. 10	121	1974
Voigt & Co., Chattanooga, Tenn. Remedy for indigestion	53,212	May 29	122	1711
Voigt & Co., Chattanooga, Tenn. Tonic cordial	53,213	May 29	122	1711
Voigt & Co., Chattanooga, Tenn. Aromatic syrup for disguising quinin	53,263	May 29	122	1713
Vom Cleff & Co., New York, N. Y. Razors and razor-blades	57,013	Oct. 30	124	2896
Von Bremen, MacMonnies & Co., New York, N. Y. Sardines	50,634	Mar. 27	121	1337
Voorhees Estate, Dr. C. A., Philadelphia, Pa. Worm-syrup	49,581	Feb. 13	120	2116
Vossburg Lithia Springs Co., Gulport, Miss. Mineral water	55,840	Aug. 21	123	2617
Vulcan Iron Works, San Francisco, Cal. Ammonia-compressors	49,895	Feb. 20	120	2437
Vulcan Plow Co., Evansville, Ind. Plows and cultivators	52,116	May 1	122	343
Vulcan Plow Co., Evansville, Ind. Plows and cultivators	57,084	Oct. 30	124	2898
Vulcanite Portland Cement Co., Philadelphia, Pa. Portland cement	54,537	June 26	122	2999
W. Schneider W. W. & L. Co., St. Louis, Mo. Whisky	52,494	May 8	122	722
W. A. Castle Co., Springfield, Mass. Olive-oil	53,447	June 5	122	2050
W. C. & F. P. Church, Incorporated, New York, N. Y. Weekly newspaper	49,503	Feb. 6	120	1818
W. E. Wroe & Company, Chicago, Ill. Bond-paper	49,174	Jan. 23	120	1161
W. F. T. Bushnell Company, Aberdeen, S. D. Magazine or periodical	55,444	Aug. 14	123	2304
W. H. Coe Mfg. Co., Providence, R. I. Metal leaf	51,575	Apr. 17	121	2319
W. H. Coe Mfg. Company, Providence, R. I. Package-rolls of gold, silver, aluminium, composition, or other metal leaf	52,117	May 1	122	343
W. H. Coe Manufacturing Company, Providence, R. I. Gilding-tools	56,108	Aug. 21	123	2624
W. H. Comstock Company, Limited, Morristown, N. Y. Purgative pills	49,819	Feb. 20	120	2434
W. H. Hutchinson & Son, Chicago, Ill. Non-alcoholic beverages and the extracts used in their manufacture	55,223	Aug. 7	123	1985
W. H. Miles Shoe Co., Inc., Richmond, Va. Leather shoes	56,634	Oct. 9	124	1839
W. H. Rankin Company, Elizabeth, N. J. Sheathing-paper	50,083	Mar. 6	121	326
W. H. Rankin Company, Elizabeth, N. J. Tarred roofing-felt	51,305	Apr. 10	121	1972
W. H. Reinsner Manufacturing Co., Hagerstown, Md. Nose-guards for eyeglasses	53,992	June 19	122	2676
W. H. Wilmarth & Co. Corporation, Attleboro, Mass. Lever cuff-buttons	58,042	Dec. 4	125	1693
W. J. Barr Mfg. Co., Cleveland, Ohio. Electric sad-irons and heaters	57,156	Nov. 6	125	343
W. J. Dickey & Sons, Incorporated, Baltimore, Md. Kerseys and cassimeres	51,912	Apr. 24	121	2658
W. J. Dickey & Sons, Incorporated, Baltimore, Md. Kerseys and cassimeres	53,108	May 29	122	1707
W. J. Dickey & Sons, Incorporated, Wilmington, Del. Kersey and cassimere	57,308	Nov. 13	125	654
W. J. Hamilton Coal Co., Columbus, Ohio. Coal	55,471	Aug. 14	123	2304
W. J. Hamilton Coal Co., Columbus, Ohio. Coal	55,472	Aug. 14	123	2304
W. J. Hamilton Coal Co., Columbus, Ohio. Coal	55,473	Aug. 14	123	2304
W. J. Jennison Company, Minneapolis, Minn. Wheat-flour	57,615	Nov. 13	125	662
W. J. Jennison Company, Minneapolis, Minn. Wheat-flour	58,874	Dec. 25	125	2756
W. J. Jennison Company, Minneapolis, Minn. Wheat-flour	58,875	Dec. 25	125	2756
W. K. & C. Peace Ltd., Sheffield, England. Steel, unwrought and partly wrought	57,485	Nov. 13	125	659
W. L. Douglas Shoe Co., Portland, Me. Leather boots and shoes	53,799	June 12	122	2380
W. L. Douglas Shoe Co., Portland, Me. Leather boots and shoes	53,800	June 12	122	2380
W. L. Milner & Company, assignor to Oxogen Chemical Company, Toledo, Ohio. Tonic	58,779	Dec. 25	125	2754
W. S. Nott Company, Minneapolis, Minn. Rubber boots and shoes	57,840	Nov. 27	125	1341
W. S. Tyler Company, Cleveland, Ohio. Wire cloths and screens	52,388	May 8	122	718
W. T. Beesley & Co., Ltd., Sheffield, England. Cast-steel, except steel balls	55,106	Aug. 7	123	1982
W. W. Kimball Company, Chicago, Ill. Pianos	51,812	Apr. 24	121	2654
W. W. Kimball Company, Chicago, Ill. Pianos	54,564	June 26	122	3000
W. W. Kimball Company, Chicago, Ill. Organs	55,340	Aug. 14	123	2301
W. W. Lawrence & Company, Pittsburg, Pa. Ready-mixed paints	55,527	Aug. 14	123	2306
W. W. Mooney & Sons, Incorporated, Columbus, Ind. Harness and saddlery leather	49,138	Jan. 23	120	1160
W. W. Mooney & Sons, Incorporated, Columbus, Ind. Harness and saddlery leather	49,176	Jan. 23	120	1161
W. W. Mooney & Sons, Incorporated, Columbus, Ind. Harness and saddlery leather	49,177	Jan. 23	120	1161
W. W. Mooney & Sons, Incorporated, Columbus, Ind. Harness and saddlery leather	57,841	Nov. 27	125	1344
Wacker & Birk Br'g & M't'g Co., Chicago, Ill. Beer	53,942	June 12	122	2386
Wacker & Birk Br'g & M't'g Co., Chicago, Ill. Beer	55,224	Aug. 7	123	1985
Wacker & Birk Br'g & M't'g Co., Chicago, Ill. Beer	55,225	Aug. 7	123	1985
Waco Mill & Elevator Company, Waco, Tex. Wheat-flour	57,685	Nov. 27	125	1340
Wadsworth & Son, David, Auburn, N. Y. Hay, straw, and corn knives	55,412	Aug. 14	123	2303
Wagner, Edw. H., New York, N. Y. Hand stick fireworks	54,760	June 26	122	3008
Wagner, Edward H., New York, N. Y. Torpedo-fireworks	53,021	May 22	122	1390
Wagner, Edward H., New York, N. Y. Torpedo-fireworks	53,022	May 22	122	1390
Wagner, Edward H., New York, N. Y. Hand stick fireworks	53,023	May 22	122	1390
Wagner, Edward H., New York, N. Y. Torpedo-fireworks	53,024	May 22	122	1391
Wagner, Edward H., New York, N. Y. Non-explosive fire and smoke emitting fireworks	53,192	May 29	122	1711
Wagner, Edward H., New York, N. Y. Torpedo-fireworks	53,993	June 19	122	2677
Wagner, Edward H., New York, N. Y. Torpedo-fireworks	54,347	June 26	122	2991
Wagner & Sons, John, Philadelphia, Pa. Whisky	57,616	Nov. 13	125	662
Wahle Foundry and Machine Works, Davenport, Iowa. Washing-machines	50,706	Mar. 27	121	1340
Waite, Merton E., Syracuse, N. Y. Toilet lotion	52,256	May 1	122	348
Wakeman Distilling Co., Chattanooga, Tenn. Whisky	48,567	Jan. 2	120	320
Wakeman Distilling Co., Chattanooga, Tenn. Whisky	48,608	Jan. 2	120	321
Waldrey & Betts, New York, N. Y. Powder for drying the hair	49,085	Jan. 23	120	1158
Waldorf-Astoria Segar Co. (See Siegel, Abraham, assignor.)				
Waldorf Mfg. Co., Syracuse, N. Y. Shirt waists and skirts	55,142	Aug. 7	123	1983
Walker, James W., San Francisco, Cal. Hair-invigorators and color-restorers	53,616	June 5	122	2057
Walker, Richard S., Midlothian, Tex. Antiseptic	50,256	Mar. 6	121	332
Walker and Wilde, Alden, North Weymouth, Mass. Leather boots and shoes	56,740	Oct. 16	124	2173
Wall, Jerrie B., Ardmore, Ind. Ter. Hair-vigor and dandruff cure	52,794	May 15	122	1040
Wall Rice Milling Co. Limited, Lake Charles, La. Rice	57,085	Oct. 30	124	2898
Wallace & Co., New York, N. Y. Candy	54,955	Aug. 7	123	1978
Wallerstein, Max, New York, N. Y. Water-hardening compounds	53,528	June 5	122	2053
Walley, C. P., New York, N. Y. Gelatinous compounds	56,107	Aug. 21	123	2624
Walsh, Arthur Q., New York, N. Y. Cigarette-holders	50,894	Apr. 3	121	1660
Walsh & Co., James, Cincinnati, Ohio. Whisky	57,266	Nov. 13	125	653
Walsh & Co., James, Cincinnati, Ohio. Whisky	57,283	Nov. 13	125	653
Walsh, James J., Quincy, Ill. Horse-renovating powders	49,555	Feb. 6	120	1820

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Vol.	Page.	Official Gazette.
Walsh, James J., Quincy, Ill. Colic medicine for horses.....	49,556	Feb. 6	120	1820	
Walsh, James J., Quincy, Ill. Liniment.....	50,307	Mar. 6	121	334	
Walter Baker & Company, Limited, Boston, Mass. Cocoa.....	49,926	Feb. 20	120	2438	
Walter Baker & Company, Limited, Boston, Mass. Cocoa, chocolate, bromo, and cocoa preparations.....	55,841	Aug. 21	123	2617	
Walter M. Lowney Company, Boston, Mass. Chocolates and other bonbons.....	54,028	June 19	122	2678	
Walter Spencer & Co. Limited, Sheffield, England. Steel.....	57,391	Nov. 13	125	656	
Walter Spencer & Co. Limited, Sheffield, England. Steel.....	57,486	Nov. 13	125	659	
Walter Spencer & Co. Limited, Sheffield, England. Steel and iron.....	57,617	Nov. 13	125	662	
Walter Stewart Company, New York, N. Y. Skirt-braids.....	49,258	Jan. 30	120	1470	
Waltham Novelty Company, Waltham, Mass. Toilet powder.....	54,632	June 26	122	3003	
Walworth Manufacturing Co., Boston, Mass. Wrenches.....	52,118	May 1	122	343	
Walworth Manufacturing Company, Boston, Mass. Wrenches.....	53,579	June 5	122	2055	
Walworth Mfg. Co., Boston, Mass. Wrenches.....	50,842	Apr. 3	121	1658	
Wamsutta Mills, New Bedford, Mass. Shirtings and sheetings.....	51,002	Apr. 3	121	1665	
Wamsutta Mills, New Bedford, Mass. Shirtings and sheetings.....	51,003	Apr. 3	121	1665	
Wamsutta Mills, New Bedford, Mass. Sheetings and shirtings.....	57,952	Dec. 4	125	1691	
Wanamaker, John, Philadelphia, Pa. Leather boots, shoes, and slippers.....	51,487	Apr. 17	121	2315	
Wanskuck Company, Providence, R. I., and New York, N. Y. Woolen and worsted woven fabrics in the piece.....	57,174	Nov. 6	125	343	
War Eagle Fuel Company, War Eagle, W. Va. Bituminous coal.....	50,567	Mar. 20	121	1008	
Ward, Artemas, New York, N. Y. Periodical.....	55,107	Aug. 7	123	1982	
Ward, George S., Pittsburg, Pa. Bread and crackers.....	49,697	Feb. 13	120	2120	
Ward Salve Co., Washington D. C. Salves.....	51,254	Apr. 10	121	1970	
Ward, William P., New York, N. Y. Remedy for baldness and falling off of the hair.....	52,502	May 8	122	723	
Ward, William P., New York, N. Y. Balm for beautifying the complexion.....	52,503	May 8	122	723	
Ward, William P., New York, N. Y. Puddings and custards.....	52,542	May 8	122	724	
Ward, William P., New York, N. Y. Liniment.....	54,690	June 26	122	3005	
Warden & Oxnard, Pittsburg, Pa. Illuminating-oils.....	58,385	Dec. 11	125	2042	
Wardlow, S. & C., New York, N. Y. Steel.....	54,299	June 26	122	2989	
Ware Bros. Company, Philadelphia, Pa. Trade journals.....	54,839	July 31	123	1659	
Ware Bros. Company, Philadelphia, Pa. Trade journals.....	54,840	July 31	123	1659	
Ware Bros. Company, Philadelphia, Pa. Trade journals.....	54,841	July 31	123	1659	
Ware Bros. Company, Philadelphia, Pa. Trade journals.....	54,842	July 31	123	1659	
Ware Remedy Co., Dr. James, Lake Charles, La. Medicinal compounds for certain named diseases.....	55,793	Aug. 21	123	2616	
Warner Bros. Co., Bridgeport, Conn. Hose-supporters.....	49,397	Feb. 6	120	1814	
Warner Bros. Co., Bridgeport, Conn. Corsets.....	50,062	Feb. 27	120	2750	
Warner Bros. Co., Bridgeport, Conn. Corsets.....	50,063	Feb. 27	120	2750	
Warner Bros. Co., Bridgeport, Conn. Ladies' and children's underwaists.....	51,601	Apr. 17	121	2320	
Warner & Co., William R., Philadelphia, Pa. Medicinal preparations.....	48,896	Jan. 16	120	895	
Warner & Co., William R., Philadelphia, Pa. Medicinal preparations.....	48,897	Jan. 16	120	895	
Warner & Co., William R., Philadelphia, Pa. Medicinal preparations.....	48,898	Jan. 16	120	895	
Warner & Co., William R., Philadelphia, Pa. Medicinal preparations.....	48,899	Jan. 16	120	895	
Warner & Co., William R., Philadelphia, Pa. Remedy for certain named diseases.....	49,137	Jan. 23	120	1160	
Warner & Co., William R., Philadelphia, Pa. Medicinal preparations.....	49,820	Feb. 20	120	2434	
Warner & Co., William R., Philadelphia, Pa. Medicines in pill form.....	52,747	May 15	122	1038	
Warner, Franklin B., New York, N. Y. Telescopes.....	56,857	Oct. 23	124	2528	
Warner Sugar Refining Company, Waukegan, Ill. Corn-starch.....	51,067	Apr. 3	121	1668	
Warren Brothers Company, Boston, Mass. Disinfectants.....	49,557	Feb. 6	120	1820	
Warren Brothers Company, Boston, Mass. Bituminous pavements and compositions or cements for making the same.....	52,348	May 8	122	716	
Warren Brothers Company, Boston, Mass. Plastic flooring and composition for making the same.....	56,096	Aug. 21	123	2624	
Warren Chemical & Manufacturing Company, New York, N. Y. Asphalt.....	50,084	Mar. 6	121	326	
Warren Chemical & Manufacturing Company, New York, N. Y. Roofing, sheathing, and building felt.....	52,048	May 1	122	340	
Warren Chemical & Manufacturing Company, New York, N. Y. Asphalt.....	52,049	May 1	122	341	
Warren Chemical & Manufacturing Company, New York, N. Y. Asphalt.....	53,652	June 5	122	2058	
Warren Chemical & Manufacturing Company, New York, N. Y. Roofing and sheathing felt.....	56,978	Oct. 30	124	2895	
Warren-Ehret Company, Philadelphia, Pa. Pitch.....	50,085	Mar. 6	121	326	
Warren-Ehret Company, Philadelphia, Pa. Roofing, sheathing, waterproofing, and building felt.....	52,988	May 22	122	1389	
Warren Featherbone Co., Three Oaks, Mich. Stiffening cords, blades, tapes, and fabrics.....	54,905	July 31	123	1660	
Warren Featherbone Co., Three Oaks, Mich. Stiffening cords, blades, tapes, and fabrics.....	54,906	July 31	123	1660	
Warren Featherbone Co., Three Oaks, Mich. Whip-stocks and whip materials, whips, and whip-lashes.....	56,694	Oct. 16	124	2172	
Warren & Williams, Providence, R. I. Rings.....	52,824	May 15	122	1042	
Warwick China Co., Wheeling, W. Va. Earthenware.....	53,109	May 29	122	1707	
Washburn-Crosby Company, Minneapolis, Minn. Wheat-flour.....	52,748	May 15	122	1038	
Washington Shirt Co., Chicago, Ill. Overshirts.....	58,995	Dec. 25	125	2759	
Washington Tool Co., Owatonna, Minn. Pincers, nippers, and hoof-trimmers.....	54,727	June 26	122	3007	
Washington Water Power Company, Spokane, Wash. Wheat-flour.....	58,210	Dec. 11	125	2038	
Washington Water Power Company, Spokane, Wash. Wheat-flour.....	58,211	Dec. 11	125	2038	
Waterbury Chemical Company, Des Moines, Iowa. Cod-liver oil.....	49,086	Jan. 23	120	1158	
Waterloo Milling Company, Waterloo, Ill. Wheat-flour.....	52,164	May 1	122	345	
Watertown Carbonating Company, Watertown, S. D. Carbonated spring-water.....	56,404	Sept. 18	124	902	
Watson, David, Montreal, Quebec, Canada. Cough remedies.....	58,050	Dec. 4	125	1693	
Watson, Frank, Philadelphia, Pa. Ointment.....	49,365	Jan. 30	120	1474	
Watson, Paul E., Salisbury, Md. Cigars.....	50,086	Mar. 6	121	326	
Watson-Plummer Shoe Company, Chicago, Ill. Children's leather shoes.....	51,068	Apr. 3	121	1668	
Wattles & Son, G. M., Buffalo, N. Y. Hens' eggs.....	50,491	Mar. 20	121	1005	
Waugh, Henry H., Brooklyn, N. Y. Bottle-heating kettle.....	56,474	Sept. 25	124	1202	
Waukesha Arcadian Co., Waukesha, Wis. Mineral waters, ginger-ale, and wild-cherry phosphate.....	57,339	Nov. 13	125	655	
Way & Sons, A. E., St. Paul, Minn. Butter.....	58,176	Dec. 11	125	2037	
Wayne County Preserving Co., Newark, N. Y. Canned fruits and vegetables.....	53,296	May 29	122	1715	
Wayne County Preserving Co., Newark, N. Y. Canned fruits and vegetables.....	53,297	May 29	122	1715	
Wayne County Preserving Co., Newark, N. Y. Canned fruits and vegetables.....	53,298	May 29	122	1715	
Wayne County Preserving Co., Newark, N. Y. Canned fruits and vegetables.....	53,299	May 29	122	1715	
Wayne County Preserving Co., Newark, N. Y. Canned fruits and vegetables.....	54,399	June 26	122	2993	
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery for both ladies and gentlemen.....	54,649	June 26	122	3004	
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery.....	56,097	Aug. 21	123	2624	
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery.....	56,098	Aug. 21	123	2624	
Weber and Heilbronner, New York, N. Y. Neckscarfs.....	54,348	June 26	122	2991	
Weber Piano Company, New York, N. Y. Pianos.....	51,459	Apr. 17	121	2314	
Weber Wagon Company, Chicago, Ill. Wagons.....	50,843	Apr. 3	121	1658	
Webley & Scott Revolver & Arms Co. Ltd., Birmingham, England. Guns, rifles, pistols, revolvers, and parts thereof.....	50,353	Mar. 13	121	682	
Webster & Perks Tool Company, Springfield, Ohio. Paper-trimmers.....	53,167	Aug. 7	123	1984	

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Wedderburn, Gertrude F., Chevy Chase, Md. Card-holder.	51,255	Apr. 10	121	1970
Wedgefuth, Louis C., assignor to Sulfosol Company, New York, N. Y. Medicinal compound containing soluble sulfur.	56,655	Oct. 16	124	2171
Wedl, Anton, New York, N. Y. Certain named dry goods.	52,389	May 8	122	718
Wedl, Anton, New York, N. Y. Linens and linen piece goods.	52,449	May 8	122	720
Weeks and Ascher, New York, N. Y. Hosiery.	54,884	July 31	123	1660
Weeks, Frank A., New York, N. Y. Solid composition eraser.	53,158	May 29	122	1709
Weideman Co., Cleveland, Ohio; Chicago, Ill., and New York, N. Y. Coffee.	52,562	May 15	122	1031
Weideman Company, Cleveland, Ohio. Whisky.	49,259	Jan. 30	120	1470
Weideman Company, Cleveland, Ohio. Whisky.	50,164	Mar. 6	121	329
Weideman Company, Cleveland, Ohio; Chicago, Ill., and New York, N. Y. Canned fruits and vegetables.	51,306	Apr. 10	121	1972
Weideman Company, Cleveland, Ohio; Chicago, Ill. and New York, N. Y. Canned fruits and vegetables.	51,307	Apr. 10	121	1972
Weideman Company, Cleveland, Ohio. Whisky.	54,068	June 19	122	2680
Weideman Company, Cleveland, Ohio. Scotch whisky.	56,535	Oct. 2	124	1518
Weideman Company, Cleveland, Ohio. Whisky.	56,635	Oct. 9	124	1839
Weideman Company, Cleveland, Ohio. Whisky.	56,903	Oct. 23	124	2529
Weideman Company, Cleveland, Ohio. Whisky.	56,904	Oct. 23	124	2529
Weideman Company, Cleveland, Ohio. Gin.	56,905	Oct. 23	124	2529
Weideman Company, Cleveland, Ohio. Irish whisky.	56,937	Oct. 23	124	2530
Weideman-Fries Co., Cleveland, Ohio. Whisky.	48,610	Jan. 2	120	321
Weil & Co., S. N., Cincinnati, Ohio. Whisky.	51,878	Apr. 24	121	2657
Weil, Edward, Houston, Tex. Whisky.	51,877	Apr. 24	121	2657
Weil, Edward, Houston, Tex. Whisky.	51,913	Apr. 24	121	2658
Weil, Edward, Houston, Tex. Whisky.	51,952	Apr. 24	121	2660
Weil & Sons, H., Paducah, Ky. Whisky.	48,611	Jan. 2	120	321
Weimer, Wright & Watkin, Philadelphia, Pa. Leather and canvas shoes.	53,110	May 29	122	1707
Weinberg, Heyman & Company, New York, N. Y. Parasols and umbrellas.	51,850	Apr. 24	121	2656
Weindorf & Co., Long Island City, N. Y. Hair-tonic.	54,633	June 26	122	3003
Weiner, Michael, Milwaukee, Wis. Whisky.	53,580	June 5	122	2055
Weingarten Bros., New York, N. Y. Corsets.	50,064	Feb. 27	120	2750
Weingarten Bros., New York, N. Y. Corsets.	51,851	Apr. 24	121	2656
Weinreben, Karl, Frankfort-on-the-Main, Germany. Remedy for gall-stone.	55,794	Aug. 21	123	2616
Weinreich, Joseph, Dayton, Ohio. Cigars.	48,673	Jan. 9	120	649
Weinreich, Joseph, Dayton, Ohio. Cigars.	50,119	Mar. 6	121	327
Weinreich, Joseph, Dayton, Ohio. Cigars.	52,283	May 8	122	714
Weinreich, Joseph, Dayton, Ohio. Cigars.	52,311	May 8	122	715
Weinreich, Joseph, Dayton, Ohio. Cigars.	52,921	May 22	122	1386
Weinreich, Joseph, Dayton, Ohio. Cigars.	53,671	June 12	122	2375
Weinreich, Joseph, Dayton, Ohio. Cigars.	56,804	Oct. 16	124	2175
Weinreich, Joseph, Dayton, Ohio. Cigars.	58,508	Dec. 18	125	2355
Weis Mfg. Co., Toledo, Ohio. Toothpicks.	51,914	Apr. 24	121	2658
Weisert Brothers Tobacco Company, St. Louis, Mo. Plug cut tobacco.	50,739	Mar. 27	121	1341
Weiss Eichold Liquor Co., Mobile, Ala. Whisky.	50,356	Mar. 13	121	682
Weiss Eichold Liquor Co., Mobile, Ala. Whisky.	54,761	June 26	122	3008
Weiss Eichold Liquor Co., Mobile, Ala. Whisky.	57,267	Nov. 13	125	653
Weiss Eichold Liquor Co., Mobile, Ala. Whisky.	57,284	Nov. 13	125	653
Weld, Colburn & Wilkens, New York, N. Y. Suspenders for trousers.	53,193	May 29	122	1711
Weld, Colburn & Wilkens, New York, N. Y. Men's neck ties and scarfs.	54,843	July 31	123	1659
Weldarine Manufacturing Company, Topeka, Kans. Metallic brazing compound.	53,369	May 29	122	1718
Wells & Oichman, New York, N. Y. Trunks.	49,366	Jan. 30	120	1474
Wellsenberger, P. F. & J. A., New York, N. Y. Proprietary remedies.	54,125	June 19	122	2682
Weller & Sons, W. L., Louisville, Ky. Whisky.	53,064	May 22	122	1392
Weller & Sons, W. L., Louisville, Ky. Stone-root and gin.	58,359	Dec. 11	125	2042
Wellington, Sears & Co., Boston, Mass. Cotton duck.	56,979	Oct. 30	124	2895
Wellington, Sears & Co., Boston, Mass. Cotton duck.	56,980	Oct. 30	124	2896
Wellington Typewriter Company, New York, N. Y. Type-writing machines.	50,844	Apr. 3	121	1658
Wellknit Hosiery Co., Harrisburg, Pa. Hosiery.	58,547	Dec. 18	125	2356
Wells Abbott Nieman Company, Schuyler, Nebr. Wheat-flour.	51,757	Apr. 24	121	2652
Wells Brothers Company, Greenfield, Mass. Taps, dies, and screw-plates.	54,069	June 19	122	2680
Wells, Clarence L., Troy, N. Y. Remedy for certain named diseases.	51,004	Apr. 3	121	1665
Wells, Ephraim S., Jersey City, N. J. Poison or exterminator for rats, vermin, and insects.	51,852	Apr. 24	121	2656
Wells, Ephraim S., Jersey City, N. J. Rat, vermin, and insect destroyer or exterminator.	54,051	June 19	122	2679
Wells, Lawrence and Gooch, Bowling Green, Mo. Mineral water.	55,143	Aug. 7	123	1983
Wells & Nellegar Company, Chicago, Ill. Enameled-steel kitchen utensils.	54,070	June 19	122	2680
Wells & Nellegar Company, Chicago, Ill. Hatchets, adzes, axes, and pocket-knives.	56,938	Oct. 23	124	2530
Wells & Nellegar Company, Chicago, Ill. Certain named edge-tools.	57,175	Nov. 6	125	343
Wells & Richardson Company, Burlington, Vt. Preparations for coloring butter.	49,265	Jan. 30	120	1470
Wells & Richardson Company, Burlington, Vt. Preparations for coloring butter.	52,795	May 15	122	1040
Wells & Richardson Company, Burlington, Vt. Preparations for coloring butter.	53,943	June 12	122	2386
Wells & Richardson Company, Burlington, Vt. Prepared food, primarily for infants and invalids.	54,587	June 26	122	3001
Wells & Richardson Company, Burlington, Vt. Prepared food, primarily for infants and invalids.	54,588	June 26	122	3001
Wells & Richardson Company, Burlington, Vt. Preparations for coloring dairy products.	58,429	Dec. 11	125	2044
Wells & Richardson Company, Burlington, Vt. Preparations for coloring dairy products.	58,430	Dec. 11	125	2044
Wells & Richardson Company, Burlington, Vt. Prepared foods for infants and invalids.	58,904	Dec. 25	125	2757
Wells & Richardson Company, Burlington, Vt., and Montreal, Canada. Remedy for certain named diseases.	49,509	Feb. 6	120	1818
Wells & Richardson Company, Burlington, Vt., and Montreal, Canada. Remedy for certain named diseases.	49,558	Feb. 6	120	1820
Wells, Stone & Co., Chicago, Ill. Sardines and like fish.	48,468	Jan. 2	120	316
Wellsville Chemical Co., Wellsville, N. Y. Disinfectant, germicide, deodorizer, and insecticide.	54,988	Aug. 7	123	1979
Welsbach Light Company, Gloucester City, N. J. Incandescent mantles, lamps, and lamp-fittings.	51,488	Apr. 17	121	2315
Welsbach Light Company, Gloucester City, N. J. Gas-burners and mantles therefor.	52,942	May 22	122	1387
Wendel, George V., New York, N. Y. Whisky.	48,570	Jan. 2	120	320
Wertheim, Joseph, Meerane, Germany. Remedies for bronchial affections.	54,126	June 19	122	2682
Wertheimer & Co., New York, N. Y. Gloves.	48,535	Jan. 2	120	318
Wertheimer & Co., New York, N. Y. Gloves.	56,385	Sept. 18	124	902
Wertheimer & Co., New York, N. Y. Leather boots and shoes.	51,179	Apr. 3	121	1672
Wertheimer-Swartz Shoe Co., St. Louis, Mo. Leather shoes for men.	53,818	June 12	122	2381
Wessche, Charles, Springfield, Minn. Medicine for treatment of appendicitis.	54,589	June 26	122	3001
Wessels, Kulenkampf & Co., New York, N. Y. Kerosene-oil.	58,386	Dec. 11	125	2042
West India Oil Company, New York, N. Y. Illuminating-oil.	52,706	May 15	122	1037
West Indies Chemical Works, Limited, Spanish Town, Jamaica. Logwood extracts and crystals.	55,795	Aug. 21	123	2616
Wester Bros., New York, N. Y. Pocket-knives and razors.	54,458	June 26	122	2996
Wester Bros., New York, N. Y. Pocket-knives and razors.	58,509	Dec. 18	125	2355

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Westerholm Company, Chicago, Ill. Ginger-ale, sarsaparilla, lemon-soda, mineral water, and seltzer	58,360	Dec. 11	125	2042
Western Brewery Co., Belleville, Ill. Beer	52,495	May 8	122	722
Western Clock Manufacturing Company, La Salle, Ill. Clocks and watches	55,865	Aug. 21	123	2618
Western Clock Mfg. Co., La Salle, Ill. Clocks and watches	51,854	Apr. 24	121	2656
Western Clock Mfg. Co., La Salle, Ill. Clocks and watches	52,989	May 22	122	1389
Western Clock Mfg. Co., La Salle, Ill. Alarm-clocks	53,379	June 5	122	2047
Western Clock Mfg. Co., La Salle, Ill. Alarm-clocks	58,004	Dec. 4	125	1692
Western Color Print Co., San Francisco, Cal. Printed pictorial matter	55,912	Aug. 21	123	2619
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,392	June 5	122	2048
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,393	June 5	122	2048
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,394	June 5	122	2048
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,395	June 5	122	2048
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,765	June 12	122	2379
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,766	June 12	122	2379
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,801	June 12	122	2381
Western Leather Company, Milwaukee, Wis. Pasted leather sheets	53,802	June 12	122	2381
Western Portland Cement Co., Yankton, S. D. Portland cement	57,238	Nov. 6	125	345
Western States Portland Cement Company, Independence, Kans. Portland cement	54,089	June 19	122	2680
Western States Portland Cement Company, Independence, Kans. Portland cement	57,724	Nov. 27	125	1341
Western Tobacco Works, La Crosse, Wis. Smoking and chewing tobacco	56,219	Sept. 4	124	313
Westheimer & Sons, Ferdinand, Cincinnati, Ohio. Whisky	51,674	Apr. 17	121	2323
Westheimer & Sons, Ferdinand, Cincinnati, Ohio. Whisky	51,675	Apr. 17	121	2323
Westheimer & Sons, Ferdinand, Cincinnati, Ohio. Whisky	51,853	Apr. 24	121	2656
West's Nephews, Frederick R., New York, N. Y. Scotch whisky	57,268	Nov. 13	125	653
Westside Roasting and Milling Company, New York, N. Y. Coffee	56,182	Aug. 28	123	2971
Wetherald, James T., Boston, Mass. Antiseptics	48,709	Jan. 9	120	650
Wetherald, James T., Boston, Mass. Skin-food, toilet powders, dentifrice, and nail-polish	58,051	Dec. 4	125	1693
Wetmore Bowen Co., San Francisco, Cal. Wines	56,906	Oct. 23	124	2529
Wetzel, (a Firm.) New York, N. Y. Certain named garments	51,005	Apr. 3	121	1665
Whann Lithia Springs Co., Franklin, Pa. Lithia-water	56,656	Oct. 16	124	2171
Wharton Chemical Co., Nashville, Tenn. Tonic beverages and extracts for making the same	50,492	Mar. 20	121	1005
Wheat, Edward P., Wheeling, W. Va. Gloves, gauntlets, and mittens made of leather	58,330	Dec. 11	125	2041
Wheatena Company, New York, N. Y. Wheat breakfast-food	53,025	May 22	122	1391
Wheeler Condenser & Engineering Co., New York, N. Y. Steam pumping-engines and steam-pumps	50,403	Mar. 13	121	684
Wheeler Condenser & Engineering Co., New York, N. Y. Centrifugal pumps	53,672	June 12	122	2375
Wheeler Condenser & Engineering Co., New York, N. Y. Feed-water heaters	54,300	June 26	122	2989
Wheeler Condenser & Engineering Co., New York, N. Y. Surface and jet condensers	54,316	June 26	122	2990
Wheeler Condenser & Engineering Co., New York, N. Y. Air-pumps	56,981	Oct. 30	124	2896
Wheeler Condenser & Engineering Co., New York, N. Y. Water-cooling towers	57,930	Dec. 4	125	1690
Wheeler, William B., Washington, D. C. Cigars	58,532	Dec. 18	125	2355
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Sewing-machines, parts and attachments	55,866	Aug. 21	123	2618
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. All kinds of sewing-machines and their parts and attachments	55,999	Aug. 21	123	2621
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Sewing-machines, their parts and attachments	56,109	Aug. 21	123	2624
Wheeling Enameled Iron Co., Wheeling, W. Va. Enameled-iron bath-tubs, washstands, kitchen-sinks, and water-closets	57,393	Nov. 13	125	656
Wheeling Liquor Co., Wheeling, W. Va. Whisky	57,487	Nov. 13	125	659
Whetzel, Frank P., Garrett, Ind. Liquid preparation for scalp and hair	50,404	Mar. 13	121	684
Whipple Brothers Co., Westerly, R. I. Washing-machines	48,484	Jan. 2	120	316
Whipple Co-Operative Company, Natick, Mass. Mince-meat	57,618	Nov. 13	125	662
Whitcher, Frank W., Boston, Mass. Imitation leather	50,357	Mar. 13	121	682
Whitcher, Frank W., Boston, Mass. Heel-protectors	50,599	Mar. 27	121	1335
Whitcher, Frank W., Boston, Mass. Box-toe material and inner soles	50,600	Mar. 27	121	1336
Whitcher, Frank W., Boston, Mass. Shoe-pincers	54,256	June 26	122	2988
Whitcher, Frank W., Boston, Mass. Nails	57,770	Nov. 27	125	1342
Whitcher, Frank W., Boston, Mass. Shoe and corset laces	58,876	Dec. 25	125	2756
Whitcher, Frank W., Boston, Mass. Shoe and corset laces	58,966	Dec. 25	125	2759
White & Bagley Co., Worcester, Mass. Cylinder-oil and lubricants	58,533	Dec. 18	125	2355
White & Bagley Co., Worcester, Mass. Cleaning compound for the skin	58,780	Dec. 25	125	2754
White, Charles W., Waco, Tex. Mattresses	52,736	May 15	122	1038
White-Dunham Shoe Co., Brockton, Mass. Leather boots and shoes	54,728	June 26	122	3007
White, Edward B., Lancaster, Ohio. Cure or specific for neuralgia	52,796	May 15	122	1040
White, Hentz & Co., Philadelphia, Pa. Whisky	51,256	Apr. 10	121	1970
White, Hentz & Co., Philadelphia, Pa. Whisky	57,269	Nov. 13	125	653
White, Joseph J., New Lisbon, N. J. Cranberries	50,493	Mar. 20	121	1005
White Lily Washer Company, Davenport, Iowa. Gas-engines	56,293	Sept. 4	124	315
White Lily Washer Company, Davenport, Iowa. Washing-machines	56,475	Sept. 25	124	1203
White Lily Washer Company, Davenport, Iowa. Washing-machines	56,476	Sept. 25	124	1203
White Oak Coal Co., Macdonald, W. Va. Coal	55,108	Aug. 7	123	1982
White Rock Min. Spg. Co., Waukesha, Wis. Ginger-ale	51,855	Apr. 24	121	2656
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines, covers, tables, stands, and attachments	56,294	Sept. 4	124	315
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines, covers, tables, stands, and attachments	56,295	Sept. 4	124	315
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines and attachments, covers, tables, and stands	57,873	Nov. 27	125	1345
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines, attachments, covers, tables, and stands	57,903	Dec. 4	125	1689
White & Son, John, Memphis, Tenn. Solid-fuel-burning heating and cooking stoves	53,133	May 29	122	1708
White Top Champagne Company, Hammondsport, N. Y. Sparking wines	48,536	Jan. 2	120	318
Whitehall Portland Cement Co., Cementon and Philadelphia, Pa. Portland cement	54,538	June 26	122	2999
Whiting Paper Company, Holyoke, Mass. Fine writing-paper	57,931	Dec. 4	125	1690
Whiting Paper Company, Holyoke, Mass. Fine writing-paper	57,932	Dec. 4	125	1690
Whitman & Barnes Manufacturing Company, Akron, Ohio. Wrenches	49,625	Feb. 13	120	2117
Whitman & Barnes Manufacturing Company, Akron, Ohio. Wrenches	51,576	Apr. 17	121	2319
Whitman & Barnes Manufacturing Company, Akron, Ohio. Cultivators	52,863	May 22	122	1384
Whitman & Barnes Manufacturing Company, Akron, Ohio. Grindstone-frames	52,873	May 22	122	1385
Whitman & Barnes Manufacturing Company, Akron, Ohio. Tack-claws	52,874	May 22	122	1385
Whitman & Barnes Manufacturing Company, Akron, Ohio. Screw-drivers	52,875	May 22	122	1385
Whitman & Barnes Manufacturing Company, Akron, Ohio. Knife-sections	52,876	May 22	122	1385
Whitman & Barnes Manufacturing Company, Akron, Ohio. Mower, binder, reaper, and header knife and sickle heads	52,922	May 22	122	1386

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Whitman & Barnes Manufacturing Company, Akron, Ohio. Wrenches.....	52,966	May 22	122	1388
Whitman & Barnes Manufacturing Company, Akron, Ohio. Guards for mowers, binders, harvesters, and headers.....	54,257	June 26	122	2988
Whitman & Barnes Manufacturing Company, Akron, Ohio. Lawn-mowers.....	54,258	June 26	122	2988
Whitman & Barnes Manufacturing Company, Akron, Ohio. Wrenches.....	54,259	June 26	122	2988
Whitman & Barnes Manufacturing Company, Akron, Ohio. Spring-cotters.....	54,260	June 26	122	2988
Whitman & Barnes Manufacturing Company, Akron, Ohio. Guard-plates for mowers, reapers, harvesters, and headers.....	54,729	June 26	122	3007
Whitman & Barnes Manufacturing Company, Akron, Ohio. Chisels and punches.....	54,730	June 26	122	3007
Whitman & Barnes Manufacturing Company, Akron, Ohio. Knives for mowers and reapers.....	56,282	Sept. 4	124	315
Whitman & Co., Clarence, New York, N. Y. Mercerized cotton fabrics.....	49,064	Jan. 23	120	1157
Whitman & Co., Clarence, New York, N. Y. Cotton piece goods.....	49,065	Jan. 23	120	1157
Whitman & Co., Clarence, New York, N. Y. Silk piece goods.....	51,165	Apr. 3	121	1672
Whitman & Co., O. M., Boston, Mass. Refrigerators.....	53,396	June 5	122	2048
Whitman Grocery Company, Orange, Mass. Cereal coffee.....	50,405	Mar. 13	121	684
Whitman Grocery Company, Orange, Mass. Prepared tapioca.....	52,119	May 1	122	343
Whitman Grocery Company, Orange, Mass. Prepared gelatin.....	56,183	Aug. 28	123	2971
Whitman, John F., Philadelphia, Pa. Compound for cleaning.....	48,312	Jan. 16	120	892
Whitman & Son, Stephen F., Philadelphia, Pa. Candies and chocolates of all descriptions.....	50,865	Apr. 3	121	1659
Whitman & Son, Stephen F., Philadelphia, Pa. Candies and chocolates of all descriptions.....	50,866	Apr. 3	121	1659
Whichman, Lutgen & Co., San Francisco, Cal. Malt whisky.....	50,308	Mar. 6	121	334
Whitmer & Barnett, Canton, Ohio. Carbonated tonic beverage.....	57,686	Nov. 27	125	1340
Whitney, Wabel & Co., Cleveland, Ohio. Boys' leather boots and shoes.....	48,838	Jan. 16	120	893
Whittemore Bros. and Co., Cambridge, Mass. Leather-polish.....	49,698	Feb. 13	120	2120
Whittemore Bros. and Co., Cambridge, Mass. Polish for cleaning and polishing russet and tan-colored shoes.....	54,090	June 19	122	2680
Whittemore Brothers and Company, Cambridge, Mass. Leather-polish.....	48,628	Jan. 9	120	647
Whittemore Brothers and Company, Cambridge, Mass. Polish for shoes.....	52,312	May 8	122	715
Whittemore Brothers and Company, Cambridge, Mass. Leather-polish.....	54,803	July 31	123	1658
Whittemore Brothers and Company, Cambridge, Mass. Leather-polish.....	56,343	Sept. 11	124	620
Whittemore Brothers and Company, Cambridge, Mass. Leather-polish.....	56,364	Sept. 18	124	901
Whittemore Brothers and Company, Cambridge, Mass. Leather-polish.....	56,428	Sept. 25	124	1201
Whittier Mills, Chattahoochee, Ga. Braided cord.....	49,367	Jan. 30	120	1474
Whittier Mills, Chattahoochee, Ga. Braided cord.....	49,368	Jan. 30	120	1474
Whittier Mills, assignor to Whittier Mills Company, Chattahoochee, Ga. Certain named yarn.....	56,330	Sept. 11	124	620
Whittier Mills Company. (See Whittier Mills, assignor.)				
Wi-da-me Company, Fairmount, Ind. Salves.....	48,969	Jan. 16	120	898
Wiard Plow Co., Batavia, N. Y. Plows, cultivators, rollers, and harrows.....	49,608	Feb. 13	120	2117
Wichita Mill & Elevator Company, Wichita Falls, Tex. Wheat-flour.....	55,226	Aug. 7	123	1985
Wichman, Lutgen & Co., San Francisco, Cal. Stomach-bitters.....	56,907	Oct. 23	124	2529
Wiebke, Louis, New York, N. Y. Leather boots and shoes.....	52,120	May 1	122	343
Wiebusch & Hilger, Limited, New York, N. Y. Anvils.....	50,635	Mar. 27	121	1337
Wiebusch & Hilger, Limited, New York, N. Y. Pocket-knives.....	52,496	May 8	122	722
Wiehle Soap Company, Ironton, Ohio. Bar-soap.....	54,421	June 26	122	2934
Wiehle Soap Company, Ironton, Ohio. Bar-soap.....	54,440	June 26	122	2995
Wiehle Soap Company, Ironton, Ohio. Soap.....	58,457	Dec. 18	125	2353
Wigmore, G. T., et al., administrators. (See May, James O.)				
Wilbur & Sons, H. O., Philadelphia, Pa. Solid chocolate confections.....	55,254	Aug. 7	123	1986
Wilburine Oil Works, Ltd., New York, N. Y. Lubricating-oils.....	52,121	May 1	122	343
Wilburine Oil Works, Ltd., New York, N. Y. Petroleum or mineral jelly.....	52,122	May 1	122	343
Wilcox & Company, J. Fred, Chicago, Ill., and Port Tampa, Fla. Cigars.....	57,953	Dec. 4	125	1691
Wilcox & Company, J. Fred, Chicago, Ill., and Port Tampa, Fla. Cigars.....	58,177	Dec. 11	125	2037
Wilcox & Godding, Eaton Rapids, Mich. Proprietary medicine.....	54,691	June 26	122	3005
Wilcox & Wagoner Company, New York, N. Y. Silver hollow ware, flat ware, and tableware.....	54,692	June 26	122	3005
Wilcox & White Company, Meriden, Conn. Piano-players, combination-pianos, and parts thereof.....	49,892	Feb. 20	120	2437
Wilcox & White Company, Meriden, Conn. Automatic music-playing instruments and music-rolls therefor.....	57,522	Nov. 13	125	660
Wilder A Buchanan, Atlanta, Ga. Sugar-cane syrup.....	58,137	Dec. 4	125	1695
Wile Sons & Co., Julius, New York, N. Y. Wine.....	54,459	June 26	122	2996
Wiley Manufacturing Co., Atlanta, Ga. Soda-water syrup and a drink made from such syrup.....	50,489	Mar. 20	121	1004
Wiley Manufacturing Company, Atlanta, Ga. Chocolates and bonbons.....	54,956	Aug. 7	123	1978
Wilkinson & Co., C. A., Providence, R. I. Spectacle and eyeglass parts.....	57,488	Nov. 13	125	659
Wilkinson, Gaddis & Co., Newark, N. J. Jams and jellies.....	50,065	Feb. 27	120	2750
Wilkinson, Gaddis & Co., Newark, N. J. Canned lobster.....	52,923	May 22	122	1387
Wilkinson, Gaddis & Co., Newark, N. J. Canned fruits and vegetables.....	52,924	May 22	122	1387
Wilkinson, Gaddis & Co., Newark, N. J. Salt.....	54,590	June 26	122	3001
Wilkinson, Gaddis & Co., Newark, N. J. Rolled oats.....	54,591	June 26	122	3001
Wilkinson, Gaddis & Co., Newark, N. J. Raisins and dried currants.....	55,883	Aug. 21	123	2618
Wilkinson Shear & Cutlery Co., Reading, Pa. Culinary knives.....	54,071	June 19	122	2680
Willcox & Gibbs Sewing Machine Co., New York, N. Y. Sewing-machines and sewing-machine parts and attachments.....	52,925	May 22	122	1387
Willcox & Gibbs Sewing Machine Co., New York, N. Y. Sewing-machines and sewing-machine parts and attachments.....	52,926	May 22	122	1387
Willcox & Gibbs Sewing Machine Co., New York, N. Y. Sewing-machines.....	53,529	June 5	122	2053
Wiley, Charles A., New York, N. Y. Paints for carriages and railway-cars.....	55,913	Aug. 21	123	2619
William A. Hardy & Son's Co., Fitchburg, Mass. Antifriction or bearing metals.....	51,511	Apr. 17	121	2316
William A. Hardy & Son's Co., Fitchburg, Mass. Antifriction and bearing metals.....	52,284	May 8	122	714
William A. Hardy & Son's Co., Fitchburg, Mass. Antifriction and bearing metals.....	52,285	May 8	122	714
William A. Hardy & Son's Co., Fitchburg, Mass. Antifriction or bearing metals.....	54,762	June 26	122	3008
William Barker Comp'y., Watervliet, N. Y. Collars and cuffs.....	49,805	Feb. 20	120	2433
William Barker Company, Watervliet, N. Y. Collars and cuffs.....	52,841	May 22	122	1383
William Carter Company, Highlandville, Mass. Knitted underwear.....	57,489	Nov 13	125	659
William Carter Company, Highlandville, Mass. Knitted underwear.....	57,523	Nov 13	125	660
William E. Hooper & Sons Co. of Baltimore City, Baltimore, Md. Cotton duck.....	51,336	Apr. 10	121	1973
William Eastwood and Son Company, Rochester N. Y. Leather boots and shoes.....	54,369	June 26	122	2992
William Edge & Sons, Limited, Bolton, England. Dyes for treating fabrics.....	55,725	Aug. 21	123	2614
William Edge & Sons, Limited, Bolton, England. Laundry blue.....	57,205	Nov 6	125	344
William Edge & Sons, Limited, Bolton, England. Dyes.....	57,874	Nov 27	125	1345
William Flaccus Oak Leather Company, Pittsburg, Pa. Harness and skirting leather.....	56,027	Aug. 21	123	2622
William Flaccus Oak Leather Company, Pittsburg, Pa. Harness and skirting leather.....	57,048	Oct. 30	124	2897
William G. Bell Company, Boston, Mass. Spiced seasonings.....	56,477	Sept. 25	124	1203
William G. Bell Company, Boston, Mass. Spiced seasonings.....	54,217	June 19	122	2685
William G. Bell Company, Boston, Mass. Spiced seasonings.....	54,218	June 19	122	2685
William G. Bell Company, Boston, Mass. Spiced seasonings.....	54,219	June 19	122	2685
William H. Lee & Co., St. Louis, Mo. Whisky.....	50,197	Mar. 6	121	330
William H. Lee & Co., St. Louis, Mo. Whisky.....	54,460	June 26	122	2996

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
William H. Lee & Co., St. Louis, Mo. Whisky.....	58,073	Dec. 4	125	1694
William H. Lee & Co., St. Louis, Mo. Whisky.....	58,212	Dec. 11	125	2038
William Hunt & Sons, The Brades, Limited, Brades Steel Works, near Birmingham, England. Trowels of all kinds.....	55,109	Aug. 7	123	1982
William Hunt & Sons, The Brades, Limited, Brades Steel Works, near Birmingham, England. Trowels of all kinds.....	55,110	Aug. 7	123	1982
William Hunt & Sons, The Brades, Limited, Brades Steel Works, near Birmingham, England. Trowels of all kinds.....	55,111	Aug. 7	123	1982
William L. Barrell Co., Boston, Mass. Cotton duck.....	55,144	Aug. 7	123	1983
William M. Crane Co., New York, N. Y. Gas-stoves.....	53,026	May 22	122	1391
William Peter Br'g. Co., Union, N. J. Lager-beer.....	51,693	Apr. 24	121	2649
William Powell Co., Cincinnati, Ohio. Valves.....	57,131	Nov. 6	125	342
William Skinner Manufacturing Co., Holyoke and Boston, Mass.; New York, N. Y.; Chicago, Ill., and Philadelphia, Pa. Silk braids and mohair braids.....	52,402	May 8	122	718
William Skinner Manufacturing Company, Holyoke and Boston, Mass.; New York, N. Y.; Chicago, Ill., and Philadelphia, Pa. Silks and satins.....	50,198	Mar. 6	121	330
William Strange Company, New York, N. Y., and Paterson, N. J. Woven dress goods and ribbons.....	58,670	Dec. 18	125	2359
William Underwood Company, Boston, Mass. Canned sardines.....	48,674	Jan. 9	120	649
William Underwood Company, Boston, Mass. Deviled entremets.....	49,927	Feb. 20	120	2438
William Underwood Company, Boston, Mass. Canned sardines.....	50,406	Mar. 13	121	684
William Underwood Company, Boston, Mass. Canned sardines.....	50,494	Mar. 20	121	1005
William Underwood Company, Boston, Mass. Canned sardines.....	52,990	May 22	122	1389
William Underwood Company, Boston, Mass. Deviled entremets.....	58,905	Dec. 25	125	2757
William W. Vaughan Company, Detroit, Mich. Certain named foods.....	58,906	Dec. 25	125	2757
William Waltke & Co., St. Louis, Mo. Soap.....	54,441	June 26	122	2995
William Waltke & Co., St. Louis, Mo. Laundry soap.....	54,539	June 26	122	2999
William Waltke & Co., St. Louis, Mo. Soap.....	55,474	Aug. 14	123	2304
William Waltke & Co., St. Louis, Mo. Laundry soap.....	56,982	Oct. 30	124	2896
William Waltke & Co., St. Louis, Mo. Laundry soap.....	58,458	Dec. 18	125	2353
William Werder & Son Company, Ashland, Wis. Whisky.....	48,609	Jan. 2	120	321
William Werder & Son Company, Ashland, Wis. Whisky.....	57,270	Nov. 13	125	653
William Wolf & Co., San Francisco, Cal. Whisky.....	56,908	Oct. 23	124	2529
William Younger & Co., Limited, Edinburgh, Scotland. Ale.....	57,049	Oct. 30	124	2897
Williams & Breckle Cigar Manufacturing Co., Milwaukee, Wis. Cigars.....	53,966	June 19	122	2676
Williams & Bros., J., Meyersdale, Pa. Stogies.....	50,672	Mar. 27	121	1338
Williams & Co., Frank S., Washington, D. C. Skin-lotions.....	51,257	Apr. 10	121	1970
Williams & Co., R. C., New York, N. Y. Vegetable and fruit preserves, jams, jellies, butters, and marmalades.....	48,900	Jan. 16	120	895
Williams & Co., R. C., New York, N. Y. Canned fish, clams, and oysters.....	49,087	Jan. 23	120	1158
Williams, Frank C., Easton, Pa. Self-raising prepared buckwheat-flour.....	49,928	Feb. 20	120	2438
Williams, Hoyt & Co., Rochester, N. Y. Leather boots and shoes.....	58,331	Dec. 11	125	2041
Williams, Joseph, Jr., Pittsburg, Pa. Boiler-cleansing compounds.....	57,573	Nov. 13	125	661
Williams-Kneeland Co., South Braintree, Mass. Leather shoes.....	58,717	Dec. 25	125	2752
Williams, Martin & Gray, Inc. Norfolk, Va. Ready-mixed paints.....	51,512	Apr. 17	121	2316
Williams Organ & Piano Co., Chicago, Ill. Pianos and organs.....	58,246	Dec. 11	125	2039
Williams, Robert J., West Liberty, Iowa. Washing fluid.....	51,411	Apr. 17	121	2312
Williams, Samuel W., Harriman, Tenn. Baking-powder.....	49,088	Jan. 23	120	1158
Williams, Wilford M., Indianapolis, Ind. Washing preparation in a dry or powdered form.....	48,813	Jan. 16	120	892
Williams, William B., Seattle, Wash. Blood-purifier.....	56,672	Oct. 16	124	2172
Williamsville Manufacturing Company, Killingly, Conn. Cotton-cloth buff-wheels.....	50,120	Mar. 6	121	327
Willis & Co., Grinnell, New York, N. Y. Shirtings, sheetings, cambrics, and long-cloth.....	50,172	Mar. 6	121	325
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,309	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,310	Mar. 6	121	339
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,311	Mar. 6	121	334
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,312	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,313	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,314	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,315	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,316	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,317	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,318	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,319	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,320	Mar. 6	121	335
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,432	Mar. 13	121	685
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,433	Mar. 13	121	685
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,434	Mar. 13	121	685
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,435	Mar. 13	121	685
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	50,436	Mar. 13	121	685
Willis & Co., Grinnell, New York, N. Y. Bleached and unbleached sheetings and sheetings, cambrics, and long-cloth.....	53,264	May 29	122	1713
Willis & Co., Grinnell, New York, N. Y. Bleached and unbleached sheetings, sheetings, cambrics, and long-cloth.....	54,220	June 19	122	2685
Willis & Co., Grinnell, New York, N. Y. Bleached and unbleached sheetings and sheetings, cambrics, and long-cloth.....	54,565	June 26	122	3000
Willis & Co., Grinnell, New York, N. Y. Certain named textiles.....	55,796	Aug. 21	123	2616
Willis & Co., Grinnell, New York, N. Y. Bleached and half-bleached cotton piece goods.....	56,099	Aug. 21	123	2624
Willis & Co., Grinnell, New York, N. Y. Shirtings, sheetings, cambrics, and long-cloth.....	56,660	Oct. 16	124	2171
Willis & Co., Grinnell, New York, N. Y. Shirtings, sheetings, cambrics and long-cloth.....	56,939	Oct. 23	124	2530
Willis & Co., Grinnell, New York, N. Y. Shirtings and sheetings, cambrics, and long-cloth.....	56,957	Oct. 30	124	2595
Willis & Co., Grinnell, New York, N. Y. Cotton piece goods.....	58,935	Dec. 25	125	2758
Willmar Milling Company, Willmar, Minn. Wheat-flour.....	55,228	Aug. 7	123	1985
Willow Springs Brewing Co., Omaha, Nebr. Beer.....	58,247	Dec. 11	125	2039
Wills, Edward T., Boston, Mass. Extracts for making beverages when diluted with water.....	55,867	Aug. 21	123	2618
Wilmerding-Loewe Co., San Francisco, Cal. Whisky.....	51,602	Apr. 17	121	2320
Wilmerding-Loewe Co., San Francisco Cal. Whisky.....	54,152	June 19	122	2683
Wilson Co., C. W., Toledo, Ohio. Game.....	55,528	Aug. 14	123	2306
Wilson, George, Farrell, Miss. Catarrhal remedy.....	53,090	May 22	122	1393
Wilson, George W., Jacksonville, Fla. Magazines or periodicals.....	57,524	Nov. 13	125	660
Wilson, George W., Jacksonville, Fla. Magazines or periodicals.....	57,553	Nov. 13	125	661
Wilson Grocery Company, Peoria, Ill. Canned, bottled, and preserved fruits and vegetables.....	52,590	May 15	122	1032
Wilson Grocery Company, Peoria, Ill. Canned, bottled, or preserved fruits and vegetables.....	54,187	June 19	122	2684
Wilson & Harris, Chicago, Ill. Kindling for wood and coal fires.....	56,199	Aug. 28	123	2971
Wimpfheimer and Brother, A., New York, N. Y. Velveteens.....	50,772	Mar. 27	121	1342
Wimpfheimer and Brother, A., New York, N. Y. Certain named piece goods.....	55,016	Aug. 7	123	1979
Winand Distilling Company of Baltimore County, Pikesville, Md. Whisky.....	50,399	Mar. 13	121	684
Winans, George H., Kalamazoo, Mich. Folding canvas hammocks and swings.....	49,508	Feb. 6	120	1818

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Winans, George H., Kalamazoo, Mich. Folding canvas boats	51,219	Apr. 10	121	1968
Winchester Repeating Arms Co., New Haven, Conn. Cartridges	49,175	Jan. 23	120	1161
Winchester Repeating Arms Co., New Haven, Conn. Gun-grease	49,699	Feb. 13	120	2120
Winchester Repeating Arms Co., New Haven, Conn. Cartridges	51,717	Apr. 24	121	2650
Winchester Repeating Arms Co., New Haven, Conn. Shotguns and rifles	52,927	May 22	122	1387
Winchester Repeating Arms Co., New Haven, Conn. Shotguns and rifles	53,194	May 29	122	1711
Winchester Repeating Arms Co., New Haven, Conn. Shotguns and rifles	53,994	June 19	122	2677
Windsor Milling & Elevator Company, Windsor, Colo. Wheat-flour	56,478	Sept. 25	124	1203
Windsor Stephens & Co., Waltham, Mass. Strawberry-hullers	57,954	Dec. 4	125	1691
Wing, George H. G., Boston, Mass. Cigarettes	52,707	May 15	122	1037
Wing, John, New Bedford, Mass. Lubricating-oil for watches and clocks	51,258	Apr. 10	121	1970
Wingo, Ellett & Crump Shoe Co., Richmond, Va. Leather boots and shoes	48,490	Jan. 2	120	316
Wingo, Ellett & Crump Shoe Co., Richmond, Va. Leather boots and shoes	50,674	Mar. 27	121	1338
Wingo, Ellett & Crump Shoe Co., Manchester, Va. Boots, shoes, and slippers made of leather	48,839	Jan. 16	120	893
Winship, Boit & Co., Wakefield, Mass. Knitted undergarments	55,255	Aug. 7	123	1986
Winter, Basilius, Rock Island, Ill. Whisky	57,050	Oct. 30	124	2897
Winter, Basilius, Rock Island, Ill. Whisky	57,051	Oct. 30	124	2897
Winter, Basilius, Rock Island, Ill. Whisky	59,009	Dec. 25	125	2760
Winter, Charles A., New York, N. Y. Washing compounds	57,725	Nov. 27	125	1341
Wintersmith Medicine Co., Louisville, Ky. Tonics	51,112	Apr. 3	121	1678
Wintersmith Medicine Co., Louisville, Ky. Antimalarial tonics	51,180	Apr. 3	121	1670
Wisconsin Cigar Co., Madison, Wis. Cigars, cheroots, and stogies	50,707	Mar. 27	121	1340
Wise & Co., David, Chicago, Ill. Whisky	50,321	Mar. 6	121	335
Wise, David, Chicago, Ill. Whisky	49,022	Jan. 23	120	1155
Wise, David, Chicago, Ill. Whisky	49,023	Jan. 23	120	1155
Wise, David, Chicago, Ill. Whisky	49,049	Jan. 23	120	1156
Wise Furnace Co., Akron, Ohio. Hot-air furnaces	50,839	Apr. 3	121	1652
Witte, Alexis, New York, N. Y. Razors	52,349	May 8	122	716
Wittemann Bros., New York, N. Y. Flavoring extracts	53,767	June 12	122	2379
Wittemann Bros., New York, N. Y. Flavoring extracts	53,768	June 12	122	2379
Wittemann Bros., New York, N. Y. Flavoring extracts	53,769	June 12	122	2379
Wittemann Bros., New York, N. Y. Flavoring extracts	53,770	June 12	122	2379
Wm. A. Coombs Milling Company, Coldwater, Mich. Wheat-flour	50,322	Mar. 6	121	335
Wm. A. Rogers, Limited, New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	48,491	Jan. 2	120	316
Wm. A. Rogers, Limited, New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	48,492	Jan. 2	120	316
Wm. A. Rogers, Limited, New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	48,493	Jan. 2	120	316
Wm. A. Rogers, Limited, New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	48,537	Jan. 2	120	318
Wm. A. Rogers, Limited, New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	49,266	Jan. 30	120	1470
Wm. A. Rogers Limited, New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	54,731	June 26	122	3007
Wm. A. Rogers, Ltd., New York, N. Y. Silver-plated flat ware, hollow ware, and tableware	54,186	June 19	122	2684
Wm. B. Riker & Son Co., New York, N. Y. Liquid soaps	58,471	Dec. 18	125	2354
Wm. Bergenthal Co., Milwaukee, Wis. Brandy	49,501	Feb. 6	120	1818
Wm. Bergenthal Co., Milwaukee, Wis. Whisky	50,196	Mar. 6	121	330
Wm. Bergenthal Co., Milwaukee, Wis. Gin	55,303	Aug. 14	123	2300
Wm. Bergenthal Co., Milwaukee, Wis. Whisky	56,909	Oct. 23	124	2529
Wm. E. Wright & Sons Co., New York, N. Y. Tape for dressmakers' use	57,320	Nov. 13	125	654
Wm. Elliot & Co., New York, N. Y. Razors	57,433	Nov. 13	125	657
Wm. Elliot & Co., New York, N. Y. Razors	57,490	Nov. 13	125	659
Wm. H. Holmes Co., Pittsburg, Pa. Whisky	55,193	Aug. 7	123	1984
Wm. H. Horstmann Company, Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Baltimore, Md.; Detroit, Mich., and Paris and Lyon, France. Yarns of all descriptions	50,216	Mar. 6	121	331
Wm. H. Horstmann Company, Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Baltimore, Md.; Detroit, Mich., and Paris and Lyon, France. Naval, military, society, and theatrical uniforms	56,838	Oct. 23	124	2527
Wm. Henning Co., Chicago, Ill. Relishes	54,885	July 31	123	1669
Wm. Henning Co., Chicago, Ill. Salad-oil	54,886	July 31	123	1660
Wm. Henning Co., Chicago, Ill. Sauces	54,887	July 31	123	1660
Wm. Henning Co., Chicago, Ill. Certain named pickles	54,907	July 31	123	1660
Wm. Henning Co., Chicago, Ill. Tomato catsup	54,908	July 31	123	1660
Wm. Henning Co., Chicago, Ill. Mustard	54,909	July 31	123	1660
Wm. Henning Co., Chicago, Ill. Olives	54,910	July 31	123	1660
Wm. Hoelscher and Co., Inc., San Francisco, Cal. Wine	49,753	Feb. 13	120	2122
Wm. Hoelscher and Co., Incorporated, San Francisco, Cal. Wine	53,874	June 12	122	2383
Wm. L. Gilbert Clock Company, Winsted, Conn. Alarm-clocks	53,817	June 12	122	2381
Wm. Lanahan & Son, Baltimore, Md. Whisky	54,195	June 19	122	2684
Wm. Lindeke Roller Mills, St. Paul, Minn. Wheat-flour	58,671	Dec. 18	125	2359
Wm. Numsen & Sons, Inc., Baltimore, Md. Fruits and vegetables in tins or glass	53,412	June 5	122	2048
Wolf Brothers and Company, Cincinnati, Ohio. Ladies' leather shoes	55,726	Aug. 21	123	2614
Wolf Brothers and Company, Cincinnati, Ohio. Ladies' leather shoes	56,100	Aug. 21	123	2624
Wolf & Co., A. A., Pittsburg, Pa. Whisky	50,199	Mar. 6	121	330
Wolf & Co., A. A., Pittsburg, Pa. Whisky	53,134	May 29	122	1708
Wolf & Co., A. A., Pittsburg, Pa. Whisky	55,194	Aug. 7	123	1984
Wolf & Co., A. A., Pittsburg, Pa. Whisky	55,797	Aug. 21	123	2616
Wolf and Co., E. L., Harrison, Ohio. Insecticides	58,731	Dec. 25	125	2752
Wolferman, Fred, Kansas City, Mo. Whisky	57,271	Nov. 13	125	653
Wolferman, Fred, Kansas City, Mo. Whisky	57,272	Nov. 13	125	653
Wolferman, Fred, Kansas City, Mo. Whisky	57,285	Nov. 13	125	653
Wolferman, Fred, Kansas City, Mo. Whisky	57,286	Nov. 13	125	653
Wolf Chemical Company, Philadelphia, Pa. Shoe-dressing	49,260	Jan. 30	120	1470
Wolf Process Leather Company, Philadelphia, Pa. Enamelled leather	51,489	Apr. 17	121	2315
Wolley & Co., A. Herbert, Nottingham, England. Silk nets for the hair	52,390	May 8	122	718
Wollwäscherei und Kämmerel, Döhren bei Hannover, Döhren, near Hanover, Germany. Lanolin and preparations thereof	57,875	Nov. 27	125	1339
Wollwäscherei und Kämmerel, Döhren bei Hannover, Döhren, near Hanover, Germany. Lanolin and lanolin salves	58,052	Dec. 4	125	1693
Wolverhampton Corrugated Iron Co., Limited, Wolverhampton, England. Sheet-iron, black, galvanized, or tinned	58,996	Dec. 25	125	2759
Wolverine Brass Works, Grands Rapids, Mich. Flexible-joint connections for basin and bath supplies	54,957	Aug. 7	123	1978
Wonderful Dream Salve Co., Detroit, Mich. Salves	50,955	Apr. 3	121	1663
Wood, Arnold, New York, N. Y. Fluid soaps	49,038	Jan. 23	120	1156
Wood & Sons, J. R., New York, N. Y. Gold finger-rings	53,819	June 12	122	2381
Wood, William H., Cairo, Ill. Remedies for fever in pill form	56,545	Oct. 2	124	1518
Woodbury & Company, E. S., Boston, Mass. Leather boots and shoes	51,460	Apr. 17	121	2314
Woodbury & Company, E. S., Boston, Mass. Leather boots and shoes	52,084	May 1	122	342
Woodbury, John H., New York, N. Y. Toilet soap	58,459	Dec. 18	125	2353
Woodbury, John H., New York, N. Y. Toilet soap	58,460	Dec. 18	125	2353

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Woodcock Macaroni Company, Rochester, N. Y. Macaroni, spaghetti, and vermicelli.	49,369	Jan. 30	120	2355
Woodford Distilling Co., Chicago, Ill. Whisky.	53,436	June 5	122	1474
Woodford Distilling Co., Chicago, Ill. Whisky.	58,510	Dec. 18	125	2049
Woodford Distilling Co., Chicago, Ill. Whisky.	58,816	Dec. 25	125	2755
Woodman-Davis Co., Worcester, Mass. Tooth-powder.	50,740	Mar. 27	121	1341
Wood's Sons, T. B., Chambersburg, Pa. Clutches.	50,845	Apr. 3	121	1658
Woodside Sterling Company, New York, N. Y. Silver tableware, hollow ware, and flat ware.	51,430	Apr. 17	121	2313
Woolner & Company, Peoria, Ill. Whisky.	48,840	Jan. 16	120	893
Woolner & Company, Peoria, Ill. Whisky.	48,841	Jan. 16	120	893
Woolner & Company, Peoria, Ill. Whisky.	48,842	Jan. 16	120	893
Woolner & Company, Peoria, Ill. Whisky.	57,273	Nov. 13	125	653
Woolner & Company, Peoria, Ill. Whisky.	57,274	Nov. 13	125	653
Woolner & Company, Peoria, Ill. Spirits.	57,287	Nov. 13	125	653
Woolner & Company, Peoria, Ill. Gin.	58,511	Dec. 18	125	2355
Woolner Distilling Company, Peoria, Ill. Whisky.	57,259	Nov. 6	125	345
Woolner Distilling Company, Peoria, Ill. Whisky.	57,667	Nov. 27	125	1340
Woolson Spice Co., Toledo, Ohio. Coffee.	55,627	Aug. 21	123	2612
Woolson Spice Co., Toledo, Ohio. Coffee.	56,101	Aug. 21	123	2624
Wooster Brush Works, Wooster, Ohio. Brushes.	56,479	Sept. 25	124	1203
Worch, Hugo, Washington, D. C. Pianos.	49,039	Jan. 23	120	1156
Work, Aaron D., Jamestown, N. Y. Cough-drops.	49,116	Jan. 23	120	1159
World Today Company, Chicago, Ill. Monthly magazines.	52,764	May 15	122	1039
World's Dispensary Medical Association, Buffalo, N. Y. Liniment.	49,582	Feb. 13	120	2116
Woronoco Paper Company, Woronoco, Mass. All kinds of fine writing-paper.	55,362	Aug. 14	123	2301
Woronoco Paper Company, Woronoco, Mass. All kinds of fine writing-paper.	55,914	Aug. 21	123	2619
Woronoco Paper Company, Woronoco, Mass. Writing-paper.	56,200	Aug. 28	123	2971
Woronoco Paper Company, Woronoco, Mass. All kinds of writing-paper.	59,010	Dec. 25	125	2760
Worrall Company, T. H., Laconia, N. H. Spring-water.	56,536	Oct. 2	124	1518
Worrall, J. and J. M., Limited, Salford, England. Cotton piece goods.	55,610	Aug. 21	123	2611
Wortmann, Morris, New York, N. Y. Whisky.	50,673	Mar. 27	121	1338
Wrensch, Henry E., Jr., Montclair, N. J. Liniment.	53,944	June 12	122	2386
Wright & Co., Hoboken, N. J. Bust-forms.	52,050	May 1	122	341
Wright & Co., E. T., Rockland, Mass. Leather boots and shoes.	58,699	Dec. 25	125	2751
Wright & Ditson, Jersey City, N. J., and Boston, Mass. Certain named sporting goods.	57,086	Oct. 30	124	2898
Wright, Edward A., Oakland, Cal. Table-sauce.	57,668	Nov. 27	125	1345
Wright, George A., Chicago, Ill. Needles for hand-sewing.	56,736	Oct. 16	124	2173
Wright & Sons, Peter, Dudley, England. Anvils.	55,529	Aug. 14	123	2306
Wright & Taylor, Louisville, Ky. Whisky.	49,024	Jan. 23	120	1155
Wright & Taylor, Louisville, Ky. Whisky.	50,437	Mar. 13	121	685
Wright & Taylor, Louisville, Ky. Whisky.	56,000	Aug. 21	123	2621
Wrought Iron Range Company, St. Louis, Mo. Heating-furnaces.	57,628	Nov. 20	125	987
Wulzen & Co., John F., San Francisco, Cal. Metal-polishes.	49,896	Feb. 20	120	2437
Wunderle, Philip, Philadelphia, Pa. Candy.	51,856	Apr. 24	121	2656
Wunderle, Philip, Philadelphia, Pa. Candy.	51,857	Apr. 24	121	2656
Wunderle, Philip, Philadelphia, Pa. Candy.	52,350	May 8	122	716
Wunderle, Philip, Philadelphia, Pa. Candy.	52,582	May 15	122	1032
Wunderle, Philip, Philadelphia, Pa. Candy.	53,370	May 29	122	1718
Wunderle, Philip, Philadelphia, Pa. Candy.	53,653	June 5	122	2058
Wunderle, Philip, Philadelphia, Pa. Candy.	54,958	Aug. 7	123	1978
Wunderle, Philip, Philadelphia, Pa. Candy.	54,959	Aug. 7	123	1978
Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machines.	53,530	June 5	122	2053
Wyckoff, Seamans & Benedict, Ilion, N. Y. Carbon-paper and type-writer ribbons.	58,672	Dec. 18	125	2359
Wyoming Shovel Works, Wyoming, Pa. Shovels, spades, and scoops.	48,962	Jan. 16	120	898
Wyoming Shovel Works, Wyoming, Pa. Shovels, picks, spades, and scoops.	58,472	Dec. 18	125	2354
Wyeth Hardware & Manufacturing Co., St. Joseph, Mo. Horse-collars.	51,381	Apr. 17	121	2311
X-Ray Oil Co., Salina, Kans. Certain named medicines.	58,936	Dec. 25	125	2758
X-Ray Stove Polish Co., New York, N. Y. Powdered stove-polish.	50,495	Mar. 20	121	1005
X-Ray Stove Polish Co., New York, N. Y. Powdered stove-polish.	52,030	May 1	122	340
X-Zalia Corporation, Boston, Mass. Remedy for certain named diseases.	49,178	Jan. 23	120	1161
Yarborough & Bellinger Co., Charlotte, N. C. Coal.	58,849	Dec. 25	125	2755
Yates, Harry, Buffalo and Orchard Park, N. Y. Milk and cream.	53,511	June 5	122	2052
Yates, Harry, Buffalo and Orchard Park, N. Y. Cattle.	56,266	Sept. 4	124	314
Year Clock Company, Mount Vernon, N. Y. Clocks.	52,749	May 15	122	1038
Yeska, Joseph, New York, N. Y. Men's coats, trousers, and vests.	51,308	Apr. 10	121	1972
York, Chauncey F., Warriorsmark, Pa. Pills and tablets for diseases of the blood, liver, stomach, bowels, kidneys, and nerves.	48,538	Jan. 2	120	318
York Chauncey F., Warriorsmark, Pa. Salves and ointments.	58,781	Dec. 25	125	2754
York Manufacturing Co., Saco, Me. Cotton, worsted, and mixed cotton and wool piece goods.	53,838	June 12	122	2382
York Manufacturing Co., Saco, Me. Cotton piece goods.	54,153	June 19	122	2683
York Manufacturing Co., Saco, Me. Cotton piece goods.	54,301	June 26	122	2989
York Manufacturing Co., Saco, Me. Sheetings, shirtings, drillings, ducks, osnaburgs, denims, canton-flannel, and cotton piece goods.	56,001	Aug. 21	123	2621
York Silk Manufacturing Company, York, Pa. Silk piece goods.	58,817	Dec. 25	125	2755
York Silk Manufacturing Company, York, Pa. Silk piece goods.	58,818	Dec. 25	125	2755
Yost Yeast Co., Arkansas City, Kans. Crumb-yeast.	49,929	Feb. 20	120	2438
Youmans, New York, N. Y. Men's, women's, and children's hats.	54,694	June 26	122	3006
Youmans, New York, N. Y. Men's, women's, and children's hats.	54,695	June 26	122	3006
Young, Albert B., Buffalo, N. Y. External remedy for animals.	52,797	May 15	122	1041
Young, Albert B., Buffalo, N. Y. External remedy for animals.	52,798	May 15	122	1041
Young, Andrew M., Womelsdorf, Pa. Gin.	48,612	Jan. 2	120	321
Young Brothers, New York, N. Y. Hats.	55,488	Aug. 14	123	2305
Young, Charles P., York, Pa. Base-ball bats.	54,091	June 19	122	2680
Young & Co., Chas. W., Philadelphia, Pa. Soap in form of cakes or bars.	51,365	Apr. 10	121	1974
Young & Co., Chas. W., Philadelphia, Pa. Toilet soap.	51,366	Apr. 10	121	1974
Young & Co., Chas. W., Philadelphia, Pa. Laundry soap.	57,258	Nov. 6	125	345
Young & Co., Chas. W., Philadelphia, Pa. Laundry and powdered soap.	57,259	Nov. 6	125	345
Young & Co., Chas. W., Philadelphia, Pa. Laundry and powdered soap.	57,309	Nov. 13	125	654
Young, Cyrus W., Kindrick, Va. Remedy for cancer.	58,997	Dec. 25	125	2759
Young, George C., assignor to Young Remedy Company, Jackson, Mich. Absorbent pads or plasters.	48,494	Jan. 2	120	316
Young Remedy Company. (See Young, George C., assignor.)				
Young, Wilbur F., Springfield, Mass. Liniments and embrocations.	49,322	Jan. 30	120	1472
Young, Wilbur F., Springfield, Mass. Hoof-dressing.	50,029	Feb. 27	120	2749
Youngstown Dry Goods Company, Youngstown, Ohio. Shirts, overalls, pantaloons, pants, and vests.	56,673	Oct. 16	124	2172

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Yucca Co., Wichita, Kans. Medicine for certain named diseases.....	55,798	Aug. 21	123	2616
Yvon, Paul, assignor to Institut Pasteur, Paris, France. Serums.....	54,693	June 26	122	3005
Zabriskie, Frank L., New York, N. Y. Baking-powder.....	52,968	May 22	122	1388
Zabriskie, Geo. A., New York, N. Y. Wheat-flour.....	48,469	Jan. 2	120	316
Zanmatti & Co., A., New York, N. Y. Bitters.....	48,971	Jan. 16	120	898
Zarnits Brothers Grocery Co., Wheeling, W. Va. Canned, bottled, and packaged fruits and vegetables.....	57,619	Nov. 13	125	662
Zehnder, Peter J., Dayton, Ohio. Metal-polish.....	58,512	Dec. 18	125	2355
Zelle, Bernhard, Havana, Ill. Sweeping compounds.....	58,126	Dec. 4	125	1695
Zeltner Brewing Co., New York, N. Y. Lager-beer.....	49,754	Feb. 13	120	2122
Zenith Milling Company, Kansas City, Mo. Wheat-flour.....	56,510	Oct. 2	124	1517
Zimmer & Co., Inc., Petersburg, Va. Manufactured plug, twist, and cut tobaccos.....	55,868	Aug. 21	123	2618
Ziruth-Kaiser Company, New York, N. Y. Gold chains.....	58,005	Dec. 4	125	1692
Zucca, Antonio, New York, N. Y. Olive-oil.....	50,708	Mar. 27	121	1340

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Volume.	Page.
A. Moses Sons & Co., Inc., New York, N. Y. "Comparto." (For Sponges).....	12,700	Mar. 6	121	336
A. G. Wiedmann Cigar-Box Co. St. Joseph, Mo. "The Black Cat." (For Cigars).....	12,822	May 1	122	349
Aarons, Augustus, New Orleans, La. "Dr. Sylvester's." (For Veterinary Preparations).....	12,808	Apr. 24	121	2661
Abdulla & Co., Limited, New York, N. Y. "Abdulla & Co. Ltd." (For Cigarettes and Cigarette-Tobacco).....	12,588	Jan. 2	120	322
Abrams, R. & A., New York, N. Y. "Espanella." (For Cigars).....	13,019	July 31	123	1661
Acheson Harden Company, Passaic, N. J. "The Hibernia." (For Handkerchiefs).....	12,722	Mar. 20	121	1009
Acheson Harden Company, Passaic, N. J. "The Old Time Irish Linen Hdkfs." (For Handkerchiefs).....	12,723	Mar. 20	121	1009
Acheson Harden Company, Passaic, N. J. "The New Linene Handkerchiefs." (For Handkerchiefs).....	12,724	Mar. 20	121	1009
Acheson Harden Company, Passaic, N. J. "The Compactum Handkerchief." (For Handkerchiefs).....	12,725	Mar. 20	121	1009
Adner Laboratory Co., Philadelphia, Pa. "Ink-Out." (For an Ink-Eradicator).....	13,204	Nov. 20	125	988
Adolf Schmidt's Kloster Brewery, Brooklyn, N. Y. "Kardinal." (For Beer).....	12,779	Apr. 10	121	1975
Aetna Self-Heating Food Company, New York, N. Y. "The Aetna Self-Heating." (For Self-Heating Cans Containing Food).....	12,962	June 26	122	3009
Albers Bros. Milling Co., Portland, Oreg. "Violet Self Raising Pancake Flour." (For Pancake-Flour).....	12,640	Jan. 30	120	1475
Albers Bros. Milling Co., Portland, Oreg. "Violet Self Raising Buckwheat Flour." (For Buckwheat-Flour).....	12,641	Jan. 30	120	1475
Albers Bros. Milling Co., Portland, Oreg. "Columbia Oat Flakes." (For Oat-Flakes).....	12,642	Jan. 30	120	1475
Albers Bros. Milling Co., Portland, Oreg. "Violet Wheat." (For Wheat-Flakes).....	12,643	Jan. 30	120	1475
Albers Bros. Milling Co., Portland, Oreg. "Columbia Wheat Flakes." (For Wheat-Flakes).....	12,644	Jan. 30	120	1475
Allen, Joseph C., Plainfield, N. J. "Allen's Royal Silver Polish." (For Silver-Polish).....	13,205	Nov. 20	125	988
Allen, Thomas A., Binghamton, N. Y. "Denol." (For Tablets).....	12,698	Mar. 6	121	336
Alltree, George, Jacksonville, Fla. "Maltopso the English Brew." (For a Beverage).....	13,117	Oct. 9	124	1840
Amann, Clemens, Sidney, Ohio. "Cushion Corn Cure." (For Corn Cure).....	12,959	June 26	122	3009
Amazon Chemical Manufacturing Co., Manistee, Mich. "Amazon Vegetable Boiler Compound." (For a Vegetable Boiler Compound).....	12,739	Mar. 27	121	1345
Ambrosia Chocolate Company, Milwaukee, Wis. "Ambrosia Sweet Chocolate." (For Chocolate).....	12,620	Jan. 23	120	1162
Ambrosia Chocolate Company, Milwaukee, Wis. "Ambrosia Angel's Food Sweet Vanilla Chocolate." (For Chocolate).....	12,621	Jan. 23	120	1162
Ambrosia Chocolate Company, Milwaukee, Wis. "Ambrosia Pure Cocoa." (For Cocoa).....	12,622	Jan. 23	120	1162
Ambrosia Chocolate Company, Milwaukee, Wis. "Ambrosia Pure Chocolate Wafers." (For Confectionery).....	12,860	May 8	122	726
American Coin Register Co., Chicago, Ill. "Tape Register." (For Tape-Registers).....	13,009	July 17	123	994
American Lithographic Co., New York, N. Y. "Red Seal Brand Medicine Dropper." (For a Medicine-Dropper).....	12,867	May 8	122	726
American Lithographic Co., New York, N. Y. "Red Seal Brand Medicine Dropper." (For Medicine-Droppers).....	12,868	May 8	122	726
American Lithographic Co., New York, N. Y. "Blank Border." (For Cigars).....	13,086	Sept. 18	124	1026
American Lithographic Company, New York, N. Y. "Purity Seamless Nipples Non-Collapsible." (For Nipples).....	12,970	June 26	122	3009
American Pepsin Peppermint Co., New York, N. Y. "Pepsin-Peppermint Lozenges." (For Compressed Lozenges or Disks).....	13,284	Dec. 25	125	2761
American Rubber Company, Minneapolis, Minn. "Drain Ice Bag." (For Ice-Bags Having a Drainage).....	13,078	Sept. 11	124	621
American Rubber Company, Minneapolis, Minn. "Pneumonia Bag." (For Bags Designed to Cover the Chest Area of the Lung in the Human Body).....	13,101	Sept. 25	124	1204
American Skirt Mfg. Co., Inc., Louisville, Ky. "The American Girl Skirt." (For Ladies', Misses', and Children's Skirts).....	12,870	May 8	122	726
American Vending Machine Co., Louisville, Ky., and Jeffersonville, Ind. "D-Lish-Us Gum." (For Chewing-Gum).....	13,027	July 31	123	1661
Anderson, Carl A. H., Cleveland, Ohio. "St. Paul-Vin-Cella Medicinal Wine." (For a Medicinal Wine).....	13,124	Oct. 16	124	2176
Andreas & Co., Geo., St. Louis, Mo. "Senator Andreas." (For Whisky).....	12,940	June 19	122	2656
Andrews, W. C., Muskogee, Ind. Ter. "Indian Fish Bait Makes All Fish Bite." (For Fish-Bait).....	13,048	Aug. 14	123	2308
Ardin, Lucien L., New York, N. Y. "Kirsch Supérieur, M. Arpin." (For Cherry-Brandy).....	13,219	Nov. 27	125	1346
Armour & Company, Chicago, Ill. "Shield." (For Lard).....	13,247	Dec. 11	125	2045
Armour & Company, Chicago, Ill. "Sylvan." (For Soap).....	13,269	Dec. 18	125	2360
Armour & Company, Chicago, Ill. "Sylvan." (For Soap).....	13,270	Dec. 18	125	2360
Armour & Company, Chicago, Ill. "Sylvan." (For Soap).....	13,271	Dec. 18	125	2360
Armour & Company, Chicago, Ill. "Sylvan." (For Soap).....	13,272	Dec. 18	125	2360
Atlanta Antiseptic Co., Atlanta, Ga. "A. A. Dental Mouth Wash." (For Mouth-Wash).....	12,606	Jan. 9	120	654
Avelland, J. R., Tampa, Fla. "Curative Elixir of Doctor Henoch." (For Medical Compounds).....	13,251	Dec. 11	125	2045
Baillo-Lemaire et Fils, Paris, France. "Lemaire Paris." (For Opera-Glasses).....	13,277	Dec. 18	125	2366
Ballard, Alice, New York, N. Y. "Ballard's Heleo-Rosa." (For a Preparation for the Cure of Dandruff).....	12,699	Mar. 6	121	336
Barckhoff & Co., E. G., Pittsburg, Pa. "Wilt's Hair Restorer." (For Hair-Restorer).....	12,709	Mar. 13	121	686
Barclay Brown & Taylor, Inc., Boston, Mass. "Otter Island Brand." (For Canned Clams).....	12,915	June 5	122	2059
Barclay Brown & Taylor, Inc., Boston, Mass. "Eagle Island Brand." (For Canned Clams).....	12,916	June 5	122	2059
Barth, John M., East St. Louis, Ill. "Barth's Tasteless Castor Oil." (For Castor-Oil).....	13,253	Dec. 11	125	2045
Barthelet, A., San Francisco, Cal. "Stobowcon." (For a Medicinal Preparation for Stomach and Bowel Complaints).....	13,120	Oct. 9	124	1840
Bartlett, Harry E., Philadelphia, Pa. "Lapin's Magic Straw Hat Cleaner." (For a Preparation for Cleaning Straw Hats).....	13,109	Oct. 2	124	1519
Basilea & Calandra, New York, N. Y. "Ferro-China-Basical." (For Bitters).....	12,686	Feb. 27	120	2751
Bass Lumber Company, Seattle, Wash. "Bass Brand Extra Clear Atlas Lumber & Shingle Co., Seattle." (For Shingles).....	13,069	Aug. 28	123	2972
Battelle, Hurd & Co., New York, N. Y. "Monogram Mills." (For Dress Goods).....	12,607	Jan. 9	120	654
Beckwith-Chandler Company, Newark, N. J. "Blue Ribbon Crystalac." (For Interior Varnishes).....	12,902	May 22	122	1394

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Beckwith-Chandler Company, Newark, N. J. "Copalac." (For a Floor-Finish).....	12,935	June 12	122	2387
Beeman, Carmel E., Cleveland, Ohio. "Beeman's Massage Cream and Skin Food." (For Massage-Cream and Skin-Food).....	13,042	Aug. 14	123	2308
Berdy, Louis, New York, N. Y. "Indian Hair Restorer." (For a Liquid Hair-Tonic).....	13,266	Dec. 18	125	2360
Bethany Cigar Company, Bethany, Mo. "61." (For Cigars).....	12,669	Feb. 20	120	2439
Beyer, Wesley B., Birdsboro, Pa. "U. S. Army Standard, Uncle Sam." (For Seamless Half-Hose).....	12,777	Apr. 3	121	1673
Biondi, Angelo F., New York, N. Y. "Biondi's Universal Headache Powders." (For Proprietary Medicine).....	13,107	Oct. 2	124	1519
Birmingham Distilling Co., Birmingham, Ala. "Old Jones Valley Whiskey." (For Whisky).....	12,802	Apr. 24	121	2661
Birmingham Distilling Co., Birmingham, Ala. "Fountain Heights Whiskey." (For Whisky).....	12,803	Apr. 24	121	2661
Bittman-Todd Grocer Co., Leavenworth, Kans. "Orchid Early June Peas." (For Canned Peas).....	13,097	Sept. 25	124	1204
Bittman-Todd Grocer Co., Leavenworth, Kans. "Fort Leavenworth Sifted June Peas." (For Canned Peas).....	13,098	Sept. 25	124	1204
Blew, Ada, New York, N. Y. "Theiform." (For a Medical Preparation for the Scalp and Hair).....	12,961	June 26	122	3009
Blocker, W. F., Fort Smith, Ark. "Campho-Menth Tooth Paste." (For Tooth-Paste).....	13,040	Aug. 14	123	2308
Boardman & Sons Co., Wm., Hartford, Conn. "Boardman's Putnam Coffee Java & Mocha." (For Coffee).....	12,788	Apr. 17	121	2324
Body Builders Medicine Company, Binghamton, N. Y. "Body Builders." (For Medicine).....	12,618	Jan. 23	120	1162
Bogia, Louis F., Philadelphia, Pa. "Live Long Smokers' Tablets." (For Medicinal Tablets).....	13,066	Aug. 28	123	2972
Borderland Coal Company, Borderland, W. Va. "Borderland Coal." (For Coal).....	12,841	May 1	122	349
Bower, Frank A., Boston, Mass. "Home Favorite Brand Coffee." (For Coffee).....	12,981	July 3	123	318
Bower, Frank A., Boston, Mass. "Society Brand Coffee." (For Coffee).....	12,982	July 3	123	318
Bowers, Spotswood D., Bridgeport, Conn. "The Vanderbilt Cup Course." (For a Game).....	13,295	Dec. 25	125	2761
Boynnton, C. H. (See Wilmarth and Boynnton.)				
Braasch, Charles E., New York, N. Y. "X Ray Polish." (For a Cleaning Preparation).....	12,613	Jan. 9	120	654
Brannon, Mary J., Dayton, Ohio. "Marthas Darzie Diabanon." (For a Skin Preparation).....	12,957	June 26	122	3009
Brehn, Freda, New York, N. Y. "Princess Hair Tonic." (For Hair-Tonic).....	12,907	May 29	122	1719
Brehtanos, New York, N. Y. "Cavendish Bridge Score." (For Bridge Scoring Devices).....	12,818	Apr. 24	121	2661
Brinton, Caleb, Lewiston, Idaho. "Portland Pointers." (For Cigars).....	12,795	Apr. 24	121	2661
Brisk, Samuel, New York, N. Y. "Flicker." (For Cigarettes and Tobacco).....	13,049	Aug. 21	123	2625
Broadbent, Samuel S., New Bedford, Mass. "Broadbent's Satin Gloss Polish." (For a Polish).....	13,108	Oct. 2	124	1519
Brooklyn Varnish Mfg Co., Brooklyn, N. Y. "K-a-u-r-i." (For Varnish).....	12,794	Apr. 17	121	2324
Brown, Otto R., Indianapolis, Ind. "Unique Type-Writer Carbon." (For Type-Writer Carbon-Paper).....	13,275	Dec. 18	125	2360
Buckeye Chair Company, Ravenna, Ohio. "Solid Comfort Rockers." (For Rocking-Chairs).....	13,188	Nov. 6	125	346
Bullard Thread Co., Holyoke, Mass. "Uncle John's." (For Spool-Cotton and Cotton Thread).....	13,203	Nov. 20	125	988
Bullard Thread Co., Holyoke, Mass. "Congress Spool Cotton." (For Cotton Thread and Spool-Cotton).....	13,238	Dec. 4	125	1697
Bullard Thread Co., Holyoke, Mass. "Lenox." (For Cotton Thread and Spool-Cotton).....	13,239	Dec. 4	125	1697
Burrell, D. V., Rocky Ford, Colo. "Burrell Gems." (For Cantaloups).....	12,978	July 3	123	318
C. D. Kenny Co., Baltimore, Md. "Kenny's Special Blend J & M Coffee 25c, The Cup Favorite." (For Coffee).....	12,980	July 3	123	318
C. F. Sauer Company, Richmond, Va. "Sauer's Pure Concentrated Extract." (For Flavoring Extracts).....	12,646	Jan. 30	120	1475
C. H. Wittenberg Dist'g Co., St. Louis, Mo. "Blue Wing Rye Whiskey." (For Rye Whisky).....	12,626	Jan. 23	120	1162
C. P. Chemical Co., Lawrence, Mass. "Cascara Pepsin." (For Chewing-Gum).....	13,170	Oct. 30	124	2899
C. W. C. Medicine Company, Carrollton, Ga. "C. W. C. Camps Wonderful Cure." (For Medicine).....	12,769	Apr. 3	121	1673
Callier, Julian B., Trenton and Atlantic City, N. J. "Callier's Cut Loaf Cream Candy." (For Candy).....	12,675	Feb. 20	120	2439
Canby, Ach & Canby Co., Dayton, Ohio. "Holiday Coffee." (For Coffee).....	12,731	Mar. 27	121	1345
Canby Ach & Canby Co., Dayton, Ohio. "Jumbo Baking Powder." (For Baking-Powder).....	13,282	Dec. 25	125	2761
Capron Chemical Co., Malone, N. Y. "Pure Breath Tablets." (For Breath-Tablets).....	12,896	May 22	122	1394
Cargill-Wright Co., Columbus, Ga. "Marigold Breakfast Syrup." (For Syrup).....	12,707	Mar. 13	121	686
Carola, Nicholas, New York, N. Y. "Karotone." (For Hair-Tonic).....	12,897	May 22	122	1394
Carson, Pirie, Scott and Company, Chicago, Ill. "Great Western." (For Embroideries).....	12,835	May 1	122	349
Carson, Pirie, Scott and Company, Chicago, Ill. "American Beauty." (For Embroideries).....	12,836	May 1	122	349
Carson, Pirie, Scott and Company, Chicago, Ill. "Marvel." (For Gingham).....	12,837	May 1	122	349
Carson, Pirie, Scott and Company, Chicago, Ill. "Acme." (For Percales).....	12,838	May 1	122	349
Carson, Pirie, Scott and Company, Chicago, Ill. "Dunedin." (For Percales).....	12,839	May 1	122	349
Carson, Pirie, Scott and Company, Chicago, Ill. "E Z Fix." (For Combination Curtain and Window-Shade Holders).....	12,840	May 1	122	349
Carson, Pirie, Scott and Company, Chicago, Ill. "Tenderfoot." (For Hosiery).....	12,965	June 26	122	3009
Carson, Pirie, Scott and Company, Chicago, Ill. "Tare Proof." (For Hosiery).....	12,999	July 10	123	652
Castle Brothers, Incorporated, San Francisco, Cal. "Outing Brand California Peaches." (For California Peaches).....	12,630	Jan. 23	120	1162
Castle Brothers—Incorporated, San Francisco, Cal. "Diamond C Brand California Peaches." (For Peaches).....	12,757	Apr. 3	121	1673
Castle Brothers—Incorporated, San Francisco, Cal. "Our Pride California Peaches." (For Peaches).....	12,758	Apr. 3	121	1673
Castle Brothers—Incorporated, San Francisco, Cal. "Flora Brand California Moorpark Apricots." (For Apricots).....	12,759	Apr. 3	121	1673
Castle Brothers—Incorporated, San Francisco, Cal. "Climax Brand Apricots." (For Apricots).....	12,760	Apr. 3	121	1673
Castle Brothers—Incorporated, San Francisco, Cal. "Laurel Brand California Apricots." (For Apricots).....	12,761	Apr. 3	121	1673
Castle Brothers—Incorporated, San Francisco, Cal. "Cowboy Brand Selected California Prunes." (For Prunes).....	12,762	Apr. 3	121	1673
Castle Brothers—Incorporated, San Francisco, Cal. "Souvenir Brand California Prunes." (For Prunes).....	12,763	Apr. 3	121	1673
Charles E. Hires Company, Philadelphia, Pa. "Hires The Only Rootbeer." (For Carbonated Rootbeer).....	12,729	Mar. 27	121	1345
Catlin, Burge D., Buffalo, N. Y. "U-Want-It." (For Butter).....	12,941	June 19	122	2686
Chapman, John M., New York, N. Y. "Full Moon." (For Canned Salmon).....	12,979	July 3	123	318
Chapman & Meyhaus, Durant, Iowa. "White Sulphur Monarch of Waters, Natural Carbonated Chalybeate Water." (For Mineral Water).....	13,060	Aug. 28	123	2972
Charles Chemical Co., Grand Rapids, Mich. "Balm of Almond." (For a Toilet Preparation).....	13,145	Oct. 30	124	2899
Chas. P. Stanley Cigar Co., St. Louis, Mo. "Chastan." (For Cigars).....	12,901	May 22	122	1394
Chattanooga Bottling Company, Chattanooga, Tenn. "Ale of Ginger." (For Ginger-Ale).....	12,687	Feb. 27	120	2751
Chubb, Morgan, Brooklyn, N. Y. "Mrs. Winslow's Borated Violet Talcum." (For Toilet Powder).....	12,676	Feb. 20	120	2439
Church, William, Chicago, Ill. "Cemo Wall Finish." (For a Wall-Finish).....	13,005	July 17	123	994
Clearfield Orchard Co., Salt Lake City, Utah. "Clearfield Orchard Company." (For Fruits).....	13,090	Sept. 18	124	1026
Clifton Forge Bottling Works, Clifton Forge, Va. "Flag Rock." (For Ginger-Ale).....	12,939	June 19	122	2686
Cobb, Bates & Yerxa Co., Boston, Mass. "Kee-Za." (For Tea).....	13,131	Oct. 23	124	2531
Cobb, Bates & Yerxa Co., Boston, Mass. "Kee-Za." (For Coffee).....	13,132	Oct. 23	124	2531
Cohen & Son, Charles J., Philadelphia, Pa. "Zenith Brand Metal Clasp Envelopes." (For Envelopes).....	12,805	Apr. 24	121	2661
Cokato Canning Co., Cokato, Minn. "Bison." (For Canned Sugar-Corn).....	13,051	Aug. 21	123	2625

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Cole Lithographing Co., Chicago, Ill. "Cherokee Maid." (For Cigars).....	12,796	Apr. 24	121	2661
Coleman, Robt., New York, N. Y. "Coleman's Mustard." (For Mustard).....	12,909	May 29	122	1719
Colgate & Co., New York, N. Y. "Violet Talc Powder." (For Talc Powder).....	12,956	June 26	122	3009
Colgate & Co., New York, N. Y. "Violet Talc Powder." (For Talc Powder).....	13,273	Dec. 18	125	2360
Collins & Company, Bellingham, Wash. "Madame Celeste Depilatoire." (For Hair-Remover).....	13,041	Aug. 14	123	2308
Collins, James J., Boston, Mass. "Pura World's-Best." (For Coffee).....	12,872	May 15	122	1043
Collins, Michael J., Boston, Mass. "North Star Brand Coats." (For Workmen's Coats).....	13,046	Aug. 14	123	2308
Columbia Coffee Mills Ltd., New Orleans, La. "Columbia." (For Coffee).....	13,104	Oct. 2	124	1519
Columbia Coffee Mills Ltd., New Orleans, La. "Newleans." (For Coffee).....	13,105	Oct. 2	124	1519
Columbia Coffee Mills Ltd., New Orleans, La. "Dime Blend." (For Coffee).....	13,214	Nov. 27	125	1346
Columbia Phonograph Company, Washington, D. C. "Columbia Phonograph Co., Columbia Record." (For Sound-Records).....	12,683	Feb. 20	120	2439
Columbia Wax Works, New York, N. Y. "Starchluster." (For Starch-Luster).....	12,776	Apr. 3	121	1673
Cory, C. P., Keokuk, Iowa. "White Elk Brand." (For Fruit).....	13,062	Aug. 28	123	2972
Crown-Columbia Pulp & Paper Co., Portland, Oreg. "Rifle." (For Paper Bags).....	13,110	Oct. 2	124	1519
Crown-Columbia Pulp & Paper Co., Portland, Oreg. "Cannon." (For Paper Bags).....	13,111	Oct. 2	124	1519
Crown-Columbia Pulp & Paper Co., Portland, Oreg. "Pistol." (For Paper Bags).....	13,112	Oct. 2	124	1519
Crown-Columbia Pulp & Paper Co., Portland, Oreg. "Reliance." (For Paper Bags).....	13,141	Oct. 23	124	2531
Crown-Columbia Pulp & Paper Co., Portland, Oreg. "Eagle." (For Paper Bags).....	13,142	Oct. 23	124	2531
Crown-Columbia Pulp & Paper Co., Portland, Oreg. "Snowflake." (For Paper Bags).....	13,143	Oct. 23	124	2531
Crump, J. C., Isleton, Cal. "J. C. Crump's Salve." (For Salve).....	12,609	Jan. 9	120	654
Crump, J. C., Isleton, Cal. "J. C. Crump's Hoof Ointment." (For Hoof-Ointment).....	12,610	Jan. 9	120	654
Cushing Medical Supply Co., Boston, Mass. "Old Buck." (For Whisky).....	13,233	Dec. 4	125	1697
D. Holzman & Company, Spokane, Wash. "Robt. Hamilton Old Tom Gin." (For Gin).....	12,720	Mar. 20	121	1009
Dakin Drug Co., Randolph, Mass. "Dr. Bent's No. 1." (For Medicine).....	12,768	Apr. 3	121	1673
Dapping, William O., Auburn, N. Y. "The Great American Game Base Ball." (For a Game).....	13,128	Oct. 16	124	2176
Decker, Louis, Lemoore, Cal. "The Decker Ledger and Balance Combined." (For Account-Books).....	13,102	Sept. 25	124	1204
Dennie, Frank B., Minneapolis, Minn. "Security Gall Cure." (For Medicine).....	12,985	July 3	123	318
Devenny, James L., Pittsburg, Pa. "Nickel (5c) Talcum." (For Talcum Powder).....	13,075	Sept. 4	124	316
Diamond Red Paint Co., Chicago, Ill. "Diamond Red." (For Paint).....	12,945	June 19	122	2686
Dichter, Charles L., New York, N. Y. "Liverets." (For Drugs).....	13,283	Dec. 25	125	2761
Didsbury, F. A., Bridgeport, Conn. "Pocket Knife Blade, Grinders, and Finishers Union Label." (For Pocket-Knives).....	12,944	June 19	122	2686
Diehl, Peter, Syracuse, N. Y. "Best in the World Salve." (For a Salve).....	12,770	Apr. 3	121	1673
Dinet & Delfosse Pharmacal Co., Chicago, Ill. "Hydrarg-Nucleoid." (For Medicine).....	12,616	Jan. 23	120	1162
Dinet & Delfosse Pharmacal Co., Chicago, Ill. "Hydrarg-Iodo-Nucleoid." (For Medicine).....	12,617	Jan. 23	120	1162
Dockman & Son, J. H., Baltimore, Md. "A. B. C. Candy Package." (For Candy-Boxes).....	12,995	July 10	123	652
Dodge, Walter L., Chicago, Ill. "Tiz for Tender Feet." (For Foot-Bath Tablets).....	12,960	June 26	122	3009
Doran, Maurice J., Rochester, N. Y. "Myrtle Valley." (For Rye Whisky).....	13,115	Oct. 9	124	1840
Doran, Maurice J., Rochester, N. Y. "Diploma." (For Rye Whisky).....	13,116	Oct. 9	124	1840
Dr. A. C. Daniels, Incorporated, Boston, Mass. "Dr. Daniels' Veterinary Physic Ball." (For Medicine).....	13,140	Oct. 23	124	2531
Dr. A. C. Daniels, (Incorporated,) Boston, Mass. "Dr. A. C. Daniel's Renovator Powders." (For Powders for Horses and Cattle).....	13,210	Nov. 27	125	1346
Dr. Warner Remedy Co., Chicago, Ill. "Radiozone." (For Medicated Preparations and Articles).....	12,894	May 22	122	1394
Dryer Manufacturing Company, New York, N. Y. "Metal Fire-Proof Dryers." (For Drying-Machines).....	13,189	Nov. 6	125	346
Dubetz, Louis, Chicago, Ill. "Jack-Knife Rye." (For Whisky).....	12,706	Mar. 13	121	686
Durr, Charles C., Plymouth, Ind. "Tinea-Cide." (For a Germicidal Preparation for the Scalp and Skin).....	13,200	Nov. 20	125	988
E. Guittard & Co., San Francisco, Cal. "Guittard's Pure Cream of Yeast." (For Baking-Powder).....	12,823	May 1	122	349
E. M. Higgins Co., Rochester, N. Y. "Worthmore." (For Rye Whisky).....	12,874	May 15	122	1043
Eaman, B. J., Hagar township, Berrien county, Mich. "Fairview Fruits." (For Fruit).....	13,122	Oct. 16	124	2176
Edstrom, O. E., Los Angeles, Cal. "Edstrom's Lung Gas." (For Medicine).....	12,677	Feb. 20	120	2439
Edstrom, O. E., Los Angeles, Cal. "Edstrom's Blood Purifier." (For a Blood-Purifier for Blood and Skin Diseases).....	12,924	June 5	122	2059
Edw. Malley Co., New Haven, Conn. "Old Colony." (For Sheets).....	13,174	Oct. 30	124	2899
Edw. Malley Co., New Haven, Conn. "Old Colony." (For Pillow-Cases).....	13,187	Nov. 6	125	346
Elder-Harrison Co., Baltimore, Md. "Mirthful Scotch Whiskey." (For Scotch Whisky).....	12,787	Apr. 17	121	2324
Elliott, S. K., Los Angeles, Cal. "Elliott's Brain and Nerve Food." (For Brain and Nerve Food Tablets).....	12,828	May 1	122	349
Elliott, S. K., Los Angeles, Cal. "Elliott's Digestive Tablet." (For Digestive Tablets).....	12,829	May 1	122	349
Elliott, S. K., Los Angeles, Cal. "Elliott's Inhalant." (For an Inhalant for Pulmonary Diseases).....	12,923	June 5	122	2059
Empire Soluble Sulphur Corporation, New York, N. Y. "Sulphosol, A Life Preserver." (For Soluble Sulfur).....	12,708	Mar. 13	121	686
Empire Soluble Sulphur Corporation, New York, N. Y. "Uno, is a Life Preserver." (For a Medicinal Compound Containing Soluble Sulfur).....	13,268	Dec. 18	125	2360
Englewood Co. Consolidated Factories, Chicago, Ill. "The Nightingale." (For Talking-Machine Records).....	12,817	Apr. 24	121	2661
Ensign Knitting Co., Salt Lake City, Utah "Nauvoo Brand Garments." (For Knitted Combination Union Suits).....	12,869	May 8	122	726
Enterprise Cigar Company, Trenton, N. J. "First Poet." (For Cigars).....	12,986	July 10	123	652
Erie Preserving Company, Brant and Buffalo, N. Y. "100 Good Things to Eat." (For Preserved Fruits, Vegetables, and Table Delicacies).....	12,804	Apr. 24	121	2661
Essential Chemical Company, Philadelphia, Pa. "Lapin's Magic Felt Hat Cleaner." (For Cleaning Preparation).....	13,099	Sept. 25	124	1204
F. B. Washburn & Co., Brockton, Mass. "Milkmaid." (For Bread).....	13,248	Dec. 11	125	2045
Facial Toilet Manufacturing Company, Grand Rapids, Mich. "Cleopatra Massage Cream and Skin Food." (For a Toilet Lotion).....	12,740	Mar. 27	121	1345
Fairchild & Bro., M. H., Chicago, Ill. "Tubs." (For Pulverized Scouring-Soap).....	12,632	Jan. 23	120	1162
Farless & White, Henderson, Ky. "Pennyrile." (For Flour).....	13,096	Sept. 25	124	1204
Farrow, Joseph, Peterborough, England. "Horse Radish Cream." (For Horse-Radish).....	12,973	July 3	123	318
Farrow, Joseph, Peterborough, England. "Worcestershire Sauce." (For a Liquid Sauce).....	12,974	July 3	123	318
Farrow, Joseph, Peterborough, England. "Mushroom Ketchup." (For Catchup).....	12,975	July 3	123	318
Farrow, Joseph, Peterborough, England. "Farrow's Al. Mustard." (For Mustard).....	12,976	July 3	123	318
Farrow, Joseph, Peterborough, England. "Al. Green Peas." (For Dried Green Peas).....	12,977	July 3	123	318
Faunce & Spinney, Lynn, Mass. "Patrician Satin Gloss Dressing." (For Shoe-Dressing).....	12,649	Jan. 30	120	1475
Faunce & Spinney, Lynn, Mass. "Patrician Alabastine." (For Shoe-Dressing).....	12,650	Jan. 30	120	1475
Faunce & Spinney, Lynn, Mass. "Patrician Friction Polish." (For Shoe-Dressing).....	12,684	Feb. 27	120	2751
Fayette Canning Company, Washington, Ohio. "Sunrise." (For Canned Corn).....	13,164	Oct. 30	124	2899
Fayette Canning Company, Washington, Ohio. "Fayette County." (For Canned Corn).....	13,165	Oct. 30	124	2899
Fayette Canning Company, Washington, Ohio. "Hunter." (For Canned Corn).....	13,166	Oct. 30	124	2899
Fayette Canning Company, Washington, Ohio. "George Washington." (For Canned Corn).....	13,167	Oct. 30	124	2899
Fayette Canning Company, Washington, Ohio. "Fayette County." (For Canned Tomatoes).....	13,168	Oct. 30	124	2899
Feldmann Importing Co., New York, N. Y. "Oloroso Sherry." (For Sherry-Wine).....	13,216	Nov. 27	125	1346

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Feldmann Importing Co., New York, N. Y. "Amoroso Sherry." (For Sherry-Wine).....	13,217	Nov. 27	125	1346
Feldmann Importing Co., New York, N. Y. "Amontillado Sherry." (For Sherry-Wine).....	13,218	Nov. 27	125	1346
Fischer & Co., B., New York, N. Y. "Hotel Astor Coffee." (For Coffee).....	12,599	Jan. 9	120	654
Fischer & Co., B., New York, N. Y. "Cingala." (For Tea).....	12,885	May 22	122	1394
Fisher, Joseph, Canton, Ohio. "Fisher's Tiger-Claw Brand." (For Stogies).....	13,035	Aug. 14	123	2308
Fisher, Joseph, Canton, Ohio. "Broadway Bits." (For Stogies).....	13,036	Aug. 14	123	2308
Fitch, James B., Cincinnati, Ohio. "Dustdown." (For a Powder for Cleaning Floors, Carpets, and Rugs).....	13,292	Dec. 25	125	2761
Fleisher Brothers, Philadelphia, Pa. "Fleisher Clothing." (For Clothing).....	12,820	May 1	122	349
Fort Smith Commission Company, Fort Smith, Ark. "Bonnette." (For Coffee).....	12,671	Feb. 20	120	2439
Foster, Joseph J., St. Louis, Mo. "M. A. C." (For Cigars).....	12,601	Jan. 9	120	654
Fournier-Fournier, Limited, Ste. Hyacinthe, Canada. "Vin St. Martin." (For Wine).....	13,061	Aug. 28	123	2972
Frank & Co., Richard, New York, N. Y. "Champagne Ginger Ale." (For Ginger-Ale).....	12,786	Apr. 17	121	2324
Frankenstein & Co., Arthur, New York, N. Y. "The Lox Hose Supporter." (For Hose-Supporters).....	13,045	Aug. 14	123	2308
Fred Krug Brewing Co., Omaha, Nebr. "Luxus." (For Beer).....	13,050	Aug. 21	123	2625
Gairing, George F., Cleveland, Ohio. "Grains of Health." (For Health-Food Coffee).....	13,059	Aug. 28	123	2972
Galbraith, Harriet L., Washington, D. C. "Kolod Hair Renewer." (For Hair-Renewer).....	13,067	Aug. 28	123	2972
Gallant & Son, G. W., Elmore, Ohio. "Heart of the Cream of Cedar." (For Louse-Exterminator).....	13,008	July 17	123	994
Garcia & Bros., Perfecto, Chicago, Ill. "Flor De P. Garcia & Bros." (For Cigars).....	12,898	May 22	122	1394
Garonzik, Moses P., Baltimore, Md. "La Garon." (For Cigars).....	12,744	Apr. 3	121	1673
Garrison, Jane, Atlantic City, N. J. "Garrison's Croup Salve." (For Salve).....	12,716	Mar. 20	121	1009
Gasser Coffee Co., Toledo, Ohio. "Kar-a-van." (For Coffee).....	12,623	Jan. 23	120	1162
Gasser Coffee Co., Toledo, Ohio. "Kar-a-van." (For Coffee).....	12,624	Jan. 23	120	1162
Gasser Coffee Co., Toledo, Ohio. "Kar-a-van." (For Tea).....	13,213	Nov. 27	125	1346
Geo. W. Stout Co., Indianapolis, Ind. "Santy Claus Oats." (For Oats Prepared for Food).....	13,021	July 31	123	1661
Georgia Syrup Co., Bainbridge, Ga. "Pride of Georgia." (For Syrup).....	12,656	Feb. 6	120	1821
German-American Honey Champagne Co., New York, N. Y. "Honey Cream Tonica." (For Honey-Cream Extracts and Beverages).....	13,195	Nov. 13	125	663
Gerstendorfer Bros., New York, N. Y. "Sapolin Glass Frosting." (For Glass-Frosting).....	12,815	Apr. 24	121	2661
Gerstendorfer Bros., New York, N. Y. "Star Bath-Tub Enamel." (For Bath-Tub Enamel).....	13,002	July 10	123	652
Gerstendorfer Bros., New York, N. Y. "Sapolin Silver Aluminum Powder." (For Silver-Aluminum Powder).....	13,003	July 17	123	994
Gerstendorfer Bros., New York, N. Y. "Sapolin Gold Powder." (For Gold-Powder).....	13,004	July 17	123	994
Gile & Co., H. S., Salem, Oreg. "Beaver Brand." (For Prunes).....	12,994	July 10	123	652
Gillies & Co., Edwin J., New York, N. Y. "Extra." (For Tea).....	12,993	July 10	123	652
Giovanni, Rizzo, Philadelphia, Pa. "Pillole Antimalariche Liver Pills." (For Liver-Pills).....	12,662	Feb. 13	120	2124
Girard Spring Water Co., North Providence, R. I. "Arabian Coffee Phosphate." (For a Beverage).....	12,748	Apr. 3	121	1673
Gitt, Charles D., Danville, Va. "Gitt's Anti Kryo." (For Medicine).....	12,785	Apr. 17	121	2324
Gordon Manufacturing Company, New Rochelle, N. Y. "Gordon Suspenders." (For Suspenders).....	12,926	June 5	122	2059
Gordon Manufacturing Company, New Rochelle, N. Y. "Dawn in the Canyon." (For Suspenders).....	12,996	July 10	123	652
Gordon Manufacturing Company, New Rochelle, N. Y. "Noontide in the Canyon." (For Suspenders).....	12,997	July 10	123	652
Gordon Manufacturing Company, New Rochelle, N. Y. "Twilight in the Canyon." (For Suspenders).....	12,998	July 10	123	652
Grainer & Co., J. S., Grand Rapids, Mich. "Royal, Anti-Rust Enamel." (For Enamel).....	12,793	Apr. 17	121	2324
Grand Rapids Novelty Manufacturing Company, Grand Rapids, Mich. "The Clincher Curtain Fastener." (For Curtain-Fasteners).....	12,711	Mar. 13	121	686
Gray Bros., Coshocton, Ohio. "Si-Ri-On." (For a Varnish-Stain).....	12,291	Dec. 25	125	2761
Gray, Ewing & Co., Spokane, Wash. "Union Manila No. 1." (For Manila Wrapping-Paper).....	13,276	Dec. 18	125	2360
Gray, Ewing & Company, Spokane, Wash. "Union Butcher Manila." (For Wrapping-Paper).....	13,093	Sept. 18	124	1026
Gray Lithograph Co., New York, N. Y. "Oriental Toilet Powder." (For Toilet Powder).....	12,773	Apr. 3	121	1673
Green, Edwin H., St. Louis, Mo. "The American Princesses' Roman and Grecian Massage Bath and Toilet Compounds." (For Toilet and Massage Compounds).....	13,136	Oct. 23	124	2331
Green Mountain Gum Co., Randolph, Vt. "Green Mountain Chewing Gum." (For Chewing-Gum).....	13,197	Nov. 13	125	663
Griswold, C. M., Chicago, Ill. "Alka-Dent." (For Dentifrice).....	12,691	Feb. 27	120	2751
Grossman Paper Box Co., Cleveland, Ohio. "Glinsmann's High Grade Confections." (For Confections).....	12,827	May 1	122	349
Grossman's Sons, J., New Orleans, La. "Good Luck." (For Whisky).....	13,193	Nov. 13	125	663
Grossman's Sons, J., New Orleans, La. "Royal Buck." (For Gin).....	13,194	Nov. 13	125	663
Grossman's Sons, J., New Orleans, La. "Farmer's Choice." (For Whisky).....	13,220	Nov. 27	125	1346
Grossman's Sons, J., New Orleans, La. "Old Favorite." (For Whisky).....	13,221	Nov. 27	125	1346
Grossman's Sons, J., New Orleans, La. "Southern Belle." (For Whisky).....	13,222	Nov. 27	125	1346
Grossman's Sons, J., New Orleans, La. "Old Jim." (For Whisky).....	13,246	Dec. 11	125	2045
Gunlock Hair Remedy Co., Quincy, Ill. "Gunlock's System of Scalp Treatment." (For a Preparation for the Treatment of the Scalp).....	13,254	Dec. 11	125	2045
Gunlock Hair Remedy Co., Quincy, Ill. "Gunlock's System of Scalp Treatment." (For a Preparation for Treating the Scalp).....	13,255	Dec. 11	125	2045
Gustofson, W. A., Joliet, Ill. "Nerv-o-rine." (For a Cure for Drunkenness and Delirium Tremens).....	13,006	July 17	123	994
Haase, Louis, St. Louis, Mo. "Haase's Delight." (For Cigars).....	12,636	Jan. 30	120	1475
Hable, Jacob, Baltimore, Md. "Birnbau Cigar Co's. Caswell." (For Cigars).....	12,634	Jan. 30	120	1475
Hacker, W. A., New Orleans, La. "Hacker's." (For Kidney-Pills).....	13,074	Sept. 4	124	316
Hackett, Thomas C., Hillsboro, Md. "Hackett's Gape Cure." (For a Remedy for Curing Gapes in Chickens).....	13,245	Dec. 4	125	1697
Hager, Daniel S., Chicago, Ill. "Muro." (For Medicine).....	12,830	May 1	122	349
Hance Bros. & White, Philadelphia, Pa. "Narco Wine of Cod Liver Oil." (For a Medicinal Remedy).....	13,149	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Fig Laxative Syrup." (For a Medicinal Remedy).....	13,150	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Cough Remedy." (For a Medicinal Remedy).....	13,151	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Magnetic Liniment." (For a Medicinal Remedy).....	13,152	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Sedlitz Powder." (For a Medicinal Remedy).....	13,153	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Syrup of Hypophosphites." (For a Medicinal Remedy).....	13,154	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Effervescent Phosphate of Soda." (For a Medicinal Remedy).....	13,155	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Liver Pills." (For a Medicinal Remedy).....	13,156	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Headache Remedy." (For a Medicinal Remedy).....	13,157	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Dyspepsia Remedy." (For a Medicinal Remedy).....	13,158	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Diarrhoea Remedy." (For a Medicinal Remedy).....	13,159	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Cold Tablets." (For a Medicinal Remedy).....	13,160	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Charcoal Tablets." (For a Medicinal Remedy).....	13,161	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Bronchial Lozenges." (For a Medicinal Remedy).....	13,162	Oct. 30	124	2899
Hance Bros. & White, Philadelphia, Pa. "Narco Beef, Iron & Wine." (For a Medicinal Remedy).....	13,163	Oct. 30	124	2899
Handelsman, Ike, Lisbon, Ohio. "Handelsman's Munificent Mutual Benefit Trading System." (For Pass-Books).....	12,685	Feb. 27	120	2751
Hart, Emery B., Thomaston, Me. "Gay's Island Brand Clams." (For Canned Clams).....	12,933	June 12	122	2387

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Hasson, John E., Bath, N. Y. "Dr. Hasson's All Healing Lung Salve." (For a Salve).....	13,256	Dec. 11	125	2045
Hatch, Josephine B., Los Angeles, Cal. "Coraline." (For a Toilet Preparation).....	13,126	Oct. 16	124	2176
Helmer, Adell G., Helmer, Ga. "A Study in Cotton." (For a School Study-Box for Children)...	12,928	June 5	122	2059
Heimer, Frederick, New York, N. Y. "A Swedish Cure for Rheumatism, Lumbago, Sprains, and All Kindred Ailments." (For a Liniment).....	12,984	July 3	123	318
Henschel & Co., A. C., Chicago, Ill. "El Sazonado." (For Cigars).....	12,619	Jan. 23	120	1162
Henschel & Co., A. C., Chicago, Ill. "Don Renato." (For Cigars).....	12,900	May 22	122	1394
Henschel & Co., A. C., Chicago, Ill. "Arabian Slave." (For Cigars).....	13,232	Dec. 4	125	1697
Henschel Mfg. Co., C. B., Milwaukee, Wis. "White Crow." (For Cigars).....	13,057	Aug. 28	123	2972
Herbert, Kilian, Chicago, Ill. "Herbs H T Tonic." (For a Tonic).....	12,783	Apr. 17	121	2324
Hering, Ardo, New York, N. Y. "The Kismet Multi-Doo." (For a Combined Paper-Cutter, Envelope-Opener, Paper-Clip, Book-Mark, Pencil-Sharpener, Pen and Pencil Holder, Ink-Eraser, Rule, Book-Opener, Note-Book Rest, and Copy-Guide).....	13,033	July 31	123	1661
Herschman, Michael, Brooklyn, N. Y. "The Elizabeth Salve." (For a Medical Preparation for the Cure of Skin Diseases).....	12,925	June 5	122	2059
Herzberg, Samuel, Chicago, Ill. "Straight Goods." (For Cigars).....	13,123	Oct. 16	124	2176
Hightower, J. W., Dalton, Ga. "Sulphozone." (For a Remedy for Catarrh).....	13,249	Dec. 11	125	2045
Hightower, J. W., Dalton, Ga. "Pruni-Tonic." (For Remedies for Internal Use).....	13,250	Dec. 11	125	2045
Hilton Co., New York, N. Y. "Its Mighty Easy to Spot Hilton Clothes." (For Clothing).....	12,966	June 26	122	3009
Hiltner Biscuit Company, West Pittston, Pa. "Creso." (For Biscuit).....	12,732	Mar. 27	121	1345
Holland, Mary H., Grand Rapids, Mich. "Holland's Wonderful Rheumatic Remedy." (For Medicine for the Cure of Rheumatism).....	12,833	May 1	122	349
Home Brewing Company, St. Louis, Mo. "Heidelberg." (For Beer).....	12,705	Mar. 13	121	686
Homoed Remedy Co., Philadelphia, Pa. "Homoed." (For Poultry Remedies).....	12,880	May 15	122	1043
Honest Weight League, Nashville, Tenn. "Honest Weight Pure Flour." (For Flour).....	13,091	Sept. 18	124	1026
Hook & Crownfield, Baltimore, Md. "Sponge-Ate The Greatest Bait." (For Confectionery).....	12,674	Feb. 20	120	2439
Hornstein Grocery Co., Washington, D. C. "Winchester Pure Rye Whiskey." (For Whisky).....	12,875	May 15	122	1043
Hornstein Grocery Co., Washington, D. C. "Monument Pure Rye Whiskey." (For Whisky).....	12,876	May 15	122	1043
Horowitz, M., New York, N. Y. "Mashallah Coffee." (For Coffee).....	12,851	May 8	122	726
Horton, H. A. R., Dallas, Tex. "Diamond Liniment." (For a Liniment).....	12,918	June 5	122	2059
Housman's Pharmacy, Birmingham, Ala. "Madam Drake's Hair Restorer." (For a Hair-Restorer).....	13,139	Oct. 23	124	2531
Hudson, Henry B., Chicago, Ill. "Dr. Gossom's Kidney and Bladder Cure." (For Medicine).....	13,063	Aug. 28	123	2972
Hugel, Conrad J., Chicago, Ill. "Capilerba." (For Hair-Restorative).....	12,615	Jan. 23	120	1162
Humphreys Mfg. Co., Mansfield, Ohio. "The Standard of the World." (For Enameled Ware).....	13,053	Aug. 21	123	2625
Hyndman Roofing Company, Cincinnati, Ohio. "Protected Roofing." (For Roofing).....	12,906	May 22	122	1394
Igleheart Brothers, Inc., Evansville, Ind. "Harvesta." (For Prepared Cooked Wheat).....	12,949	June 26	122	3009
Inca Springs Co., New York, N. Y. "Aguas de Inca." (For Spring-Water).....	13,182	Nov. 6	125	346
Indiana Drug Concern, St. Louis, Mo. "Hills Honey & Tar." (For Medicine).....	12,660	Feb. 13	120	2124
Indiana Drug Concern, St. Louis, Mo. "Hills Di-Col-Q." (For Medicine).....	12,661	Feb. 13	120	2124
Italian American Trading Co., New York, N. Y. "Estratto Pomodoro." (For Tomato Sauce).....	13,119	Oct. 9	124	1840
J. Ottmann Lithographing Co., New York, N. Y. "Verbena Hair Tonic." (For Hair-Tonic).....	12,812	Apr. 24	121	2661
J. J. Wiedmann Cigar Box Co., St. Louis, Mo. "Lady Gertrude." (For Cigars).....	12,603	Jan. 9	120	654
J. M. Robinson, Norton & Co., Louisville, Ky. "Pride of Kentucky." (For Bleached Cotton).....	12,592	Jan. 2	120	322
J. M. Robinson, Norton & Co., Louisville, Ky. "I Am a Good Tick." (For Bed-Ticking).....	13,068	Aug. 28	123	2972
Jacobs & Sons, H., New York, N. Y. "Little Nemo's Barefoot Sandal." (For Sandals).....	12,681	Feb. 20	120	2439
Jacobus Pharmacal Co., Chicago, Ill. "Almond Cold Cream, La Favorita." (For Cold-Cream).....	12,631	Jan. 23	120	1162
James, Thomas L., Chicago, Ill. "Eye-Septic." (For Eye Medicine).....	13,081	Sept. 11	124	621
Javarone, Giuseppe, Naples, Italy. "Ferro-China Iavarone." (For a Medicine and Tonic).....	12,891	May 22	122	1394
Jeffries, Thomas T., Pine Beach, Va. "Mosquitone." (For a Liquid Solution).....	12,952	June 26	122	3009
Jeffries, Thomas T., Pine Beach, Va. "Jeffries' Reliable Headache Powders." (For Medicine).....	12,953	June 26	122	3009
Jeffries, Thomas T., Pine Beach, Va. "Jeffries' No. 1 Cough Mixture." (For Medicine).....	12,954	June 26	122	3009
Jeffries, Thomas T., Pine Beach, Va. "Liquoseptol." (For Medicine).....	12,955	June 26	122	3009
Jennings Manufacturing Co., Grand Rapids, Mich. "Lady Alice." (For Perfumery).....	12,715	Mar. 20	121	1009
John H. Voss Company, Delray, Mich. "Crystal Brand." (For Sal-Soda).....	12,789	Apr. 17	121	2324
Jolissant, Louis, Chicago, Ill. "Jersey Cheese." (For Cheese).....	12,655	Feb. 6	120	1821
Kamp Distilling Co., St. Louis, Mo. "Frost King Whiskey." (For Whisky).....	12,627	Jan. 23	120	1162
Keep Novelty Company, New York, N. Y. "Keep-Kuffs-Klene." (For Cuff-Protectors).....	12,881	May 15	122	1043
Keeton-Williams Gold Company, Kansas City, Mo. "Keeton Gold." (For Dental Gold).....	12,605	Jan. 9	120	654
Keller Bros., Newark, N. J. "Vomiting Syrup for Diphtheria, Croup, &c." (For Medicine).....	12,648	Jan. 30	120	1475
Kelly, C. C., Chicago, Ill. "The Mascot Solitaire." (For a Game).....	13,226	Nov. 27	125	1346
Kelly, C. C., Chicago, Ill. "Excelsior Solitaire." (For a Game).....	13,227	Nov. 27	125	1346
Kempler, Adolph, Philadelphia, Pa. "White Eagle Tea." (For Tea).....	13,034	Aug. 7	123	1987
Kermer Remedy Company, East St. Louis, Ill. "Kermer's Little Cannon Ball Pills." (For a Liver-Pill).....	12,809	Apr. 24	121	2661
Keyes, Charles H., Denver, Colo. "Syreet." (For Syrup).....	12,673	Feb. 20	120	2439
Keystone Drug Company, Philadelphia, Pa. "Phénole." (For a Liquid Antiseptic Hemostatic Disinfectant).....	13,244	Dec. 4	125	1697
Kimball Flour Co., Troy, N. Y. "Ondawa." (For Flour).....	12,913	June 5	122	2059
Kimball-Fowler Cereal Co., Kansas City, Mo. "Kimball's Old Fashion." (For Flour, Cornmeal, and Breakfast Cereals).....	13,114	Oct. 2	124	1519
Kinney, A. T., St. Paul, Minn. "Imported." (For Cigars).....	12,781	Apr. 17	121	2324
Kismet Company, New York, N. Y. "The Kismet Multi-Doo." (For Multifunction Paper-Cutters).....	13,173	Oct. 30	124	2899
Klein, Carl H. von, Chicago, Ill. "Malt Juice." (For Malt-Juice).....	12,694	Mar. 6	121	336
Knapp, Albert T., Medford, Mass. "Three Minute Plum Pudding." (For Plum-Pudding).....	13,265	Dec. 18	125	2360
Knoch, William, Naperville, Ill. "Knoch." (For Cigars).....	12,846	May 8	122	726
Knoch, William, Naperville, Ill. "Noc." (For Cigars).....	13,094	Sept. 25	124	1204
Koehler, Otto, New York, N. Y. "It does it." (For a Corn Cure).....	13,243	Dec. 4	125	1697
Koelle-Mueller Label Co., St. Louis, Mo. "Our National Friend." (For Cigars).....	12,701	Mar. 13	121	686
Kornahrens Johanna, Charleston, S. C. "Wentworth Street Carbonated Water." (For Carbonated Water).....	13,017	July 31	123	1661
Krieg, Theodor, Saginaw, Mich. "Penna Dela." (For Cigars).....	12,633	Jan. 30	120	1475
Krieger Bros., Louisville, Ky. "Krieger's Kascara Kastor-Oils." (For Medicine).....	13,038	Aug. 14	123	2308
Krieger Bros., Louisville, Ky. "Krieger's Antiseptic Balm." (For Medicine).....	13,039	Aug. 14	123	2308
Kruger, Rudolph J., St. Paul, Minn. "Dr. Olga Schiller's Gray Hair Restorer." (For Gray-Hair-Restorer Tonic).....	12,611	Jan. 9	120	654
Kybitz, Rosa, Cincinnati, Ohio. "Kybitz Gonorrhea Mixture." (For a Medicine).....	13,125	Oct. 16	124	2176
L. D. Costa Orchard Canning Company, Monterey Road, near San Jose, Cal. "Costa's Orchard Brand." (For a Sauce).....	13,118	Oct. 9	124	1840
Laferty, John, Philadelphia, Pa. "Radnor Club Pure Rye Whiskey." (For Whisky).....	12,826	May 1	122	349
Lakeside Chemical Co., Milwaukee, Wis. "Japosa." (For Cleaning Fluid).....	13,001	July 10	123	652
Lakewood Pine Co., Jersey City, N. J. "Pinozone." (For a Proprietary Medicine).....	12,893	May 22	122	1394
Landis Machine Company, St. Louis, Mo. "Fleming Shoe Machine Thread." (For Shoe-Machine Thread).....	12,792	Apr. 17	121	2324
Langdon & Boyd, La Crosse, Wis. "The Virginia Brand." (For Pork Products).....	12,934	June 12	122	2387

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Laurent & Sons, F., Philadelphia, Pa. "Laurent's Honey and Glycerine Jujubes." (For a Preparation of Honey and Glycerin).....	12,772	Apr. 3	121	1673
Le Dane, Thomas H., Hagerstown, Md. "Big Two, or The Great Western Cholera and Cramp Cure." (For Medicine).....	12,717	Mar. 20	121	1009
Ledgerwood Bros., Hot Springs, Ark. "Natural Mineral Water." (For Mineral Water).....	13,095	Sept. 25	124	1204
Leggett & Bro., New York, N. Y. "B-Bly-D." (For Insecticides).....	12,811	Apr. 24	121	2661
Lehn and Fink, New York, N. Y. "Riveris Talcum Powder." (For Talcum Powder).....	13,121	Oct. 9	124	1840
Leistikow, Oscar A., Milwaukee, Wis. "Hazel Patch." (For Cigars).....	12,670	Feb. 20	120	2439
Levy, Henry S., Brooklyn, N. Y. "Star Tea Matzoths." (For Biscuits).....	12,857	May 8	122	726
Levy, Henry S., Brooklyn, N. Y. "Star Baby Egg Matzoths." (For Biscuits).....	12,858	May 8	122	726
Levy, Isaac H., New Haven, Conn. "Brightine." (For a Polish).....	12,911	May 29	122	1719
Lewis, Warner C., Chicago, Ill. "Hickory Carbon Paper." (For Carbon-Paper).....	12,778	Apr. 3	121	1673
Lewis, Wilber H., Los Angeles, Cal. "California Olive Bitters." (For Medicine).....	13,007	July 17	123	994
Linnebach, Emil, New York, N. Y. "Prof. Emil Linnebach's Mysterious Remedy for Toothache and Facial Neuralgia." (For Medicine).....	12,741	Mar. 27	121	1345
Lipps-Murbach Co. of Baltimore City, Baltimore, Md. "Shredded Chocolates." (For Candy).....	12,877	May 15	122	1043
Liquid Carbonic Company, Chicago, Ill. "Kola Mint." (For Kola Mint).....	12,704	Mar. 13	121	686
Lloyd, Lucian, East Lynn, West Va. "Golden Oil." (For Medicine).....	13,065	Aug. 28	123	2972
Logan, George A., New York, N. Y. "Manuel Garcia Sherry." (For Sherry-Wine).....	13,281	Dec. 25	125	2761
Logan, Mary E., Kankakee, Ill. "Logan's Cream Balm Hair Restorer." (For a Hair-Restorer).....	13,198	Nov. 13	125	663
Lowney Chocolate Company, Mansfield, Mass. "Lowney's Milk Chocolate." (For Chocolate).....	12,948	June 26	122	3009
Lowry, S. M. and J. I., Atlanta, Ga. "Fel Bovis Button Tablets." (For Medicine).....	12,742	Mar. 27	121	1345
Lucas, Edward T., Topeka, Kans. "The Electric Cleaner and Polish." (For a Cleaning and Polishing Preparation).....	13,100	Sept. 25	124	1204
Lyda, Arthur W., Pittsburg, Pa. "Noiseless Bowling Alley." (For Bowling Pins and Balls).....	13,070	Aug. 28	123	2972
Lydia E. Pinkham Medicine Co., Saco, Me., and Lynn, Mass. "Lydia E. Pinkham's Compound Lozenges." (For Medicine).....	13,285	Dec. 25	125	2761
Lydia E. Pinkham Medicine Co., Saco, Me., and Lynn, Mass. "Lydia E. Pinkham's Liver Pills." (For Medicine).....	13,286	Dec. 25	125	2761
Lydia E. Pinkham Medicine Co., Saco, Me., and Lynn, Mass. "Lydia E. Pinkham's Compound Pills." (For a Medicine).....	13,287	Dec. 25	125	2761
Lydia E. Pinkham Medicine Co., Saco, Me., and Lynn, Mass. "Lydia E. Pinkham's Sanative Wash." (For a Medicine).....	13,288	Dec. 25	125	2761
Lynch, Albert E., Cambridge, Mass. "Prince's Liniment The Great Panacea." (For Liniment).....	12,679	Feb. 20	120	2439
Lyon, B., Chicago, Ill. "Greater Than King." (For Cigars).....	12,849	May 8	122	726
Lytle, W. J., San Antonio, Tex. "El Ranchero." (For Cigars).....	13,130	Oct. 23	124	2531
Mack Mahon, J., Dayton, Ohio. "Words are Flowers Fruits are Facts Texas Post Oak." (For Medicine).....	12,718	Mar. 20	121	1009
Magic Curler Co., Philadelphia, Pa. "Magic Curler." (For Hair-Curlers).....	13,138	Oct. 23	124	2531
Malariacide Manufacturing Co., San Francisco, Cal. "Dr. M. F. Roberts' Malariacide." (For Medicine).....	12,652	Feb. 6	120	1821
Manalin Company, Columbus, Ohio. "Man-a-lin the Ideal Laxative." (For Liquid Purgative Compounds).....	13,028	July 31	123	1661
Maneatys, George A., Chicago, Ill. "Laconia Brand." (For Olive-Oil).....	12,991	July 10	123	652
Marshall Bottling Co., Springfield, Ill. "Mault-Ayle." (For a Light Beer).....	12,946	June 26	122	3009
Masons Medical Co., Boston, Mass. "Rattle-snake Oil Liniment." (For a Liniment).....	12,614	Jan. 23	120	1162
Maxwell, Joseph W., Louisville, Ky. "Nevoburna." (For Fireproofing Starch Compound).....	12,791	Apr. 17	121	2324
Mayer, Peter, Temperanceville, Ohio. "Liberty Bell." (For Cigars).....	12,987	July 10	123	652
Maywood Packing Co., Ltd., Corning, Cal. "Maywood Brand." (For Prunes).....	12,764	Apr. 3	121	1673
Mazo Manufacturing Company, St. Louis, Mo. "Mazo." (For Soap).....	12,807	Apr. 24	121	2661
McAllister, J. J., Milton, Oreg. "McAllister's Specific." (For Specific Liniment).....	12,919	June 5	122	2059
McCarthy Dry Plate Co., St. Louis, Mo. "McCarthy's Winner." (For Dry-Plates).....	12,682	Feb. 20	120	2439
McConomy, Paul L., Philadelphia, Pa. "E. Z. Feet Corn Cure." (For a Corn Cure).....	13,202	Nov. 20	125	988
McGuire, Frank H., Detroit, Mich. "Wavenlock." (For Hair-Tonic).....	12,712	Mar. 20	121	1009
McKeever, Patrick W., Sioux Falls, S. D. "McKeever's No-Mosquito Bite." (For a Medicinal Compound).....	12,990	July 10	123	652
McLaughlin & Rickenberg, St. Louis, Mo. "Mac Rick Whiskey." (For Whisky).....	13,018	July 31	123	1661
McLeod & Ormsbee, Utica, N. Y. "American Club Cheese." (For Cheese).....	13,235	Dec. 4	125	1697
McLoughlin Bros., New York and Brooklyn, N. Y. "District Messenger Boy." (For a Game).....	12,612	Jan. 9	120	654
McVay, Albert L., Chicago, Ill. "Zynoxall." (For Medicine).....	12,920	June 5	122	2059
Medina County Creamery Company, Cleveland, Ohio. "The Medina County Creamery Co." (For Butter).....	12,951	June 26	122	3009
Mendenhall, Noah M., Brazil, Ind. "Red Raven Tablets." (For Medical Tablets).....	13,211	Nov. 27	125	1346
Menendez Bros. & Verplanck, Tampa, Fla. "El Genio." (For Cigars).....	12,938	June 19	122	2686
Merker, Charles F., East St. Louis, Ill. "Kermer's E. T. (Every Time)." (For a Medicine).....	12,866	May 8	122	726
Mertens, Adolf, Chicago, Ill. "La Mertina." (For Cigars).....	12,850	May 8	122	726
Meyer, A. & G., Newburgh, N. Y. "A No. 1." (For Tea).....	12,932	June 12	122	2387
Meyer, A. & G., Newburgh, N. Y. "A No. 1." (For Coffee).....	12,947	June 26	122	3009
Miller, Louis A., Orange, N. J. "Skidew." (For a Breath-Purifier).....	13,030	July 31	123	1661
Milwaukee Lithographing Company, Milwaukee, Wis. "Bohemian." (For Beer).....	12,693	Mar. 6	121	336
Milwaukee Lithographing Company, Milwaukee, Wis. "Ballantine." (For Beer).....	12,799	Apr. 24	121	2661
Milwaukee Noodle Co., Milwaukee, Wis. "Genuine German Egg Noodles, Kaiser." (For Noodles).....	13,212	Nov. 27	125	1346
Mishkowsky, Herman, Chicago, Ill. "Supreme." (For German Knitting-Worsted).....	12,927	June 5	122	2059
Molitor, M., Milwaukee, Wis. "Swiss Milk Chocolate Creams." (For Candy-Boxes).....	13,113	Oct. 2	124	1519
Moosbrugger, Chas. A., Newark, N. J. "The Ideal Washing Fluid." (For a Washing Fluid).....	12,775	Apr. 3	121	1673
Mound City Dishwasher Co., St. Louis, Mo. "Iron-Clad and Medicated Gloves." (For Gloves).....	12,964	June 26	122	3009
Mull, E. Edward, Chicago, Ill. "Mull's Pain Cure." (For Medicine).....	12,892	May 22	122	1394
Mugler Engraving Company, Cleveland, Ohio. "Santa Claus Electric Candles." (For Incandescent Lamps).....	13,185	Nov. 6	125	346
Mugler Engraving Company, Cleveland, Ohio. "Santa Claus Electric Candles." (For Incandescent Lamps).....	13,186	Nov. 6	125	346
Munyon Company, Philadelphia, Pa. "Munyon's Paw Paw." (For Beverages).....	13,146	Oct. 30	124	2899
N. Benjamin Son, Inc., Brooklyn, N. Y. "King Bee—Honey and Rock." (For a Tonic for Coughs and Colds).....	12,653	Feb. 6	120	1821
Nachtigall, John, Cleveland, Ohio. "Rheumasol." (For a Remedy for Rheumatism).....	13,289	Dec. 25	125	2761
National Tea Importing Company, Salt Lake City, Utah. "Fragrant Shamrock." (For Tea).....	12,873	May 15	122	1043
Neely & Co., Warren, Nashville, Tenn. "Warneely Brand." (For Hats).....	13,201	Nov. 20	125	988
Nellis, Frederick M., Boston, Mass. "Oriole Plantation Florida Pineapple." (For Pineapples).....	13,180	Nov. 6	125	346
Neubauer, Jacob B., Portland, Oreg. "Imperial Salad Dressing." (For Salad-Dressing).....	13,106	Oct. 2	124	1519
Neville, John A., Halifax, Canada. "Daisy." (For Canned Lobster).....	13,022	July 31	123	1661
New Orleans Soda Water Company, Ltd., New Orleans, La. "Polly-Shine." (For Polishing Powder and Fluid for Metals).....	13,172	Oct. 30	124	2899
New Orleans Soda Water Company, Ltd., New Orleans, La. "Kola-Fosphate." (For a Carbonated Beverage).....	13,215	Nov. 27	125	1346
New York Remedy Co., New York, N. Y. "Dr. Le Brose Anti-Dyspepsia Tablets." (For Medicine for the Treatment of Dyspepsia).....	13,029	July 31	123	1661

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Newbourg, Chas., Sioux Falls, S. D. "E-Z' Wax." (For an Ironing-Wax).....	12,910	May 29	122	1719
Noera, Joseph F., Boston, Mass. "Royal Hygienic, Royal Southern Mills, Boston, Mass." (For Cotton Sheets).....	13,258	Dec. 11	125	2045
Noera, Joseph F., Boston, Mass. "Royal Southern Mills." (For Cotton Sheets and Cotton Pillow-Cases).....	13,259	Dec. 11	125	2045
Norman, John S., Minneapolis, Minn. "Macaroni Bread." (For Bread).....	12,688	Feb. 27	120	2751
Norton, Fred L., Binghamton, N. Y. "Honeymoon Chocolate." (For Confectionery).....	13,196	Nov. 13	125	663
O. L. Schwencke Litho Co., New York, N. Y. "Flor De Casano." (For Cigars).....	13,175	Nov. 6	125	346
O. L. Schwencke Litho Co., New York, N. Y. "John Noble." (For Cigars).....	13,176	Nov. 6	125	346
O. L. Schwencke Litho Co., New York, N. Y. "La Cadiza." (For Cigars).....	13,177	Nov. 6	125	346
O. L. Schwencke Litho Co., New York, N. Y. "Prize Leaf." (For Cigars).....	13,178	Nov. 6	125	346
O. L. Schwencke Lithographic Co., New York, N. Y. "Plumsure." (For Cigars).....	12,743	Apr. 3	121	1673
O. L. Schwencke Lithographic Co., Brooklyn, N. Y. "El Cientifico." (For Cigars).....	12,842	May 8	122	726
O. L. Schwencke Lithographic Co., Brooklyn, N. Y. "Clay-Ola." (For Cigars).....	12,843	May 8	122	726
O. L. Schwencke Lithographic Co., Brooklyn, N. Y. "William Bond." (For Cigars).....	12,844	May 8	122	726
O. L. Schwencke Lithographic Co., Brooklyn, N. Y. "Little Victor." (For Cigars).....	12,845	May 8	122	726
O'Brien, Francis, Chicago, Ill. "La Cigale French Bath Sachet." (For Toilet Articles).....	12,647	Jan. 30	120	1475
O'Donnell, John F., Kansas City, Mo. "Century Maidens." (For Cigars).....	12,695	Mar. 6	121	336
Ogden and Shimer, Middletown, N. Y. "Mystic Cream." (For a Toilet Preparation).....	12,591	Jan. 2	120	322
Ohlandt, William M., Hoboken, N. J. "Ohlandt's Black Headache Powders." (For Medicine).....	12,832	May 1	122	349
Oregon Condensed Milk Co., Hillsboro, Oreg. "Pacific Evaporated Cream." (For Evaporated Cream).....	12,825	May 1	122	349
Oriental Remedy Co., Chicago, Ill. "Perfection Rectal Dilators." (For Dilators).....	13,010	July 17	123	994
Otis Lithograph Co., Cleveland, Ohio. "Fabrica de Tabacos, Cigaros Exquisitos." (For Cigars).....	12,782	Apr. 17	121	2324
P. R. Warren Company, Boston, Mass. "Hershey's Milk Chocolate Wafers." (For Chocolate Candy).....	13,026	July 31	123	1661
Palmer, Harvey H., New York, N. Y. "Old Ben Franklin." (For Coffee).....	12,625	Jan. 23	120	1162
Palmer, Mary L., Chicago, Ill. "The Kookizer." (For a Fireless Cooker and Icer Combined).....	12,942	June 19	122	2686
Paragon Malt Extract Co., New York, N. Y. "Manhattan." (For Malt Extract).....	12,797	Apr. 24	121	2661
Paragon Malt Extract Co., New York, N. Y. "Blue Ribbon." (For Strengthening Malt Extract).....	12,992	July 10	123	652
Paragon Mfg. Co., Chicago, Ill. "Paragon." (For Cylinder-Washers).....	13,260	Dec. 11	125	2045
Park, Louis M., Minneapolis, Minn. "Hiawatha." (For Natural Lithia-Spring Water).....	12,703	Mar. 13	121	686
Park & Tilford, New York, N. Y. "P. & T." (For Hams).....	13,236	Dec. 4	125	1697
Park & Tilford, New York, N. Y. "P. & T." (For Bacon).....	13,237	Dec. 4	125	1697
Parker Blake Co. Ltd., New Orleans, La. "Old Legal Whiskey." (For Whisky).....	12,727	Mar. 27	121	1345
Faschal, Lillian C., New York, N. Y. "Chockorn." (For a Bonbon).....	12,859	May 8	122	726
Pederson Mercantile Company, Moorhead, Minn. "Havarye." (For Whisky).....	12,751	Apr. 3	121	1673
Pederson Mercantile Company, Moorhead, Minn. "Good Old Age Bourbon." (For Bourbon Whisky).....	12,752	Apr. 3	121	1673
Pederson Mercantile Company, Moorhead, Minn. "Detroit Lake Rye." (For Rye Whisky).....	12,753	Apr. 3	121	1673
Pederson Mercantile Company, Moorhead, Minn. "Good-Shot Rye." (For Rye Whisky).....	12,754	Apr. 3	121	1673
Penn Chemical Company, Washington, D. C., and Bellefonte, Pa. "Penn's Plasters." (For Adhesive Plasters).....	12,678	Feb. 20	120	2439
Pennsylvania Chocolate Company, Pittsburg, Pa. "Indian." (For Cocoa).....	12,852	May 8	122	726
Pennsylvania Chocolate Company, Pittsburg, Pa. "Indian." (For Chocolate).....	12,853	May 8	122	726
Pennsylvania Chocolate Company, Pittsburg, Pa. "Indian." (For Chocolate).....	12,854	May 8	122	726
Pennsylvania Chocolate Company, Pittsburg, Pa. "Indian." (For Chocolate).....	12,855	May 8	122	726
Pensacola Grocery Company, Pensacola, Fla. "Elegant." (For Flour).....	12,856	May 8	122	726
Peter, Lee B., St. Joseph, Mo. "Shea-Wah-An." (For a Shampoo).....	13,242	Dec. 4	125	1697
Peterson & Company, M. F., Chicago, Ill. "Velvet Lustre." (For Shoe-Polish).....	13,171	Oct. 30	124	2899
Peterson & Company, M. F., Chicago, Ill. "Shoe Life." (For Leather-Preservers).....	13,225	Nov. 27	125	1346
Peterson, John, Buffalo, N. Y. "Scott's May-Pel." (For Proprietary Medicine).....	13,064	Aug. 28	123	2972
Pfingst, Geo. B., Philadelphia, Pa. "Triple Wear Toes." (For Hosiery).....	13,127	Oct. 16	124	2176
Ph. Exelbirt & Co., New York, N. Y. "Salam-Alakim." (For Turkish Coffee).....	12,824	May 1	122	349
Ph. Kling Brewing Co., Detroit, Mich. "Prost." (For Beer).....	12,800	Apr. 24	122	2661
Phillips, J. N., Bellingham, Wash. "Grand Dad's Liniment." (For Liniment).....	13,082	Sept. 11	124	621
Phipps, George, St. Paul, Minn. "Prussian Stock Tonic." (For Stock-Tonic).....	13,267	Dec. 18	125	2360
Physicians Chemical & Drug Company, Denver, Colo. "Glycero-Medicated-Plaster." (For Medicated Plasters).....	12,663	Feb. 13	120	2124
Pillsbury-Washburn Flour Mills Co., Ltd., Minneapolis, Minn. "Pillsbury's Best Cereal." (For a Breakfast-Food).....	13,179	Nov. 6	125	346
Pioneer Canning & Pickling Co., St. Nazianz, Wis. "Old Settlers." (For Canned Peas).....	12,765	Apr. 3	121	1673
Pollock, Robert, Pittsburg, Pa. "Pollock's Gems." (For Cigars and Stogies).....	12,602	Jan. 9	120	654
Pritchard, Morgan C., Warrensburg, N. Y. "The New Chemical Felt." (For a Felt for Polishing Gold and Silver).....	12,726	Mar. 20	121	1009
Pritchard, Morgan C., Pittsfield, Mass. "The Shaker Shoe." (For Shoes).....	13,016	July 24	123	1282
Puritan Massage Cream Co., Philadelphia, Pa. "Puritan Massage Cream." (For Massage-Cream).....	12,814	Apr. 24	121	2661
Quick, Jacques V., Wahpeton, N. D. "Lightning Washing Fluid." (For Washing Fluid).....	12,879	May 15	122	1043
Quirk, Harry, Boston, Mass. "Gyp-C-Qure." (For Horse Remedy).....	12,767	Apr. 3	121	1673
R. Steinecke Company, New York, N. Y. "American Cabinet." (For Cigars).....	12,635	Jan. 30	120	1475
R. L. Rose Company, Providence, R. I. "Every Day Brand Coffee." (For Coffee).....	13,058	Aug. 28	123	2972
Rano, Charles O., Buffalo, N. Y. "Perfecta Massage Cream and Skin Food." (For a Massage-Cream and Skin-Food).....	13,137	Oct. 23	124	2531
Ransford, M. E. St. Claire, New York, N. Y. "La Rouge Claire." (For a Fluid Preparation for Beautifying the Complexion).....	12,813	Apr. 24	121	2661
Red Star Massage Cream Co., St. Louis, Mo. "Red Star." (For Massage-Cream).....	12,714	Mar. 20	121	1009
Rehfuß, Martin, Jr., Indianapolis, Ind. "The Indianapolis Whip." (For Whips).....	12,710	Mar. 13	121	686
Rex, Anderson K., Chicago, Ill. "Turtle Egg Shampoo." (For a Hair-Wash).....	12,862	May 8	122	726
Reynolds, Elizabeth, Chicago, Ill. "Eagle Brand." (For Hair-Restorative).....	12,692	Feb. 27	120	2751
Rich, Isidor, New Orleans, La. "La Chapina." (For Flour).....	12,658	Feb. 13	120	2124
Rider, Edward T., Malone, N. Y. "Franklin Tablets." (For Medicine).....	12,784	Apr. 17	121	2324
Riley, Wm. E., Louisville, Ky. "Elco." (For a Beverage).....	12,930	June 12	122	2387
Risser, Mrs. O. M., Portland, Oreg. "Balm of the West." (For a Salve for the Cure of Eczema, Piles, and Corns).....	13,257	Dec. 11	125	2045
Robert Portner Brewing Company, Alexandria, Va. "Army and Navy Export Beer." (For Bottled Beer).....	12,750	Apr. 3	121	1673
Ronan & Co., J. Howard, Trenton, N. J. "Half Century Coffee." (For Package-Coffee).....	12,912	June 5	122	2059
Royal Cream Company, Chicago, Ill. "Royal Cream for Shaving." (For Shaving-Cream).....	12,861	May 8	122	726
Rubin, George S., Boston, Mass. "The Harvard Eye Remedy." (For Eye Medicine).....	12,659	Feb. 13	120	2124
Ruehl Brothers Brewing Company, Chicago, Ill. "Tadellos." (For Beer).....	12,889	May 22	122	1394
Russian Kefir Company, Limited, Philadelphia, Pa. "Pure Russian Kefir." (For a Remedial and Food Preparation of Milk).....	13,234	Dec. 4	125	1697
Safety Benzine Company, New York, N. Y. "Safety Benzine." (For a Preparation of Benzine Treated to Render it Non-Explosive).....	13,032	July 31	123	1661
Samuel, George B., Chicago, Ill. "Alexander Hamilton." (For Cigars).....	12,690	Feb. 27	120	2751
Schiele and Co., Edwin, St. Louis, Mo. "Autocrat Whiskey." (For Whisky).....	13,192	Nov. 13	125	663
Schlein, Samuel, Philadelphia, Pa. "Reliance." (For Ladies' Shirt-Waists).....	12,904	May 22	122	1394

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Schmidt & Co., New York, N. Y. "Rosa de Farina." (For Cigars).....	12,637	Jan. 30	120	1475
Schmidt & Co., New York, N. Y. "Santo Colorado." (For Cigars).....	12,745	Apr. 3	121	1673
Schmidt & Co., New York, N. Y. "Santa Humo." (For Cigars).....	12,746	Apr. 3	121	1673
Schmidt & Co., New York, N. Y. "Swissess." (For Cigars).....	12,747	Apr. 3	121	1673
Schmidt & Co., New York, N. Y. "Mercedes." (For Cigars).....	12,847	May 8	122	726
Schmidt & Co., New York, N. Y. "Cleverettes." (For Cigars).....	12,848	May 8	122	726
Schmidt & Co., New York, N. Y. "Constellation." (For Cigars).....	12,937	June 19	122	2686
Schmidt & Co., New York, N. Y. "Posy Girl." (For Cigars).....	13,054	Aug. 28	123	2972
Schmidt & Co., New York, N. Y. "Mushroom." (For Cigars).....	13,071	Sept. 4	124	316
Schnaitman and Bro., G. A., St. Joseph, Mo. "Commercial." (For Cigars).....	13,055	Aug. 28	123	2972
Schnaitman and Bro., G. A., St. Joseph, Mo. "Home Builder." (For Cigars).....	13,056	Aug. 28	123	2972
Schroeder, Kleine Grocer Co., Dubuque, Iowa. "Mitt." (For Smoking-Tobacco).....	12,702	Mar. 13	121	686
Schroeder, William, Dubuque, Iowa. "Canon Cracker." (For Popcorn).....	12,756	Apr. 3	121	1673
Schutz, Joseph M., Minneapolis, Minn. "Incenso." (For Incense).....	13,076	Sept. 4	124	316
Schwab, John, Savannah, Ga. "Schwab's Kure-A-Pain." (For a Liniment).....	13,013	July 24	123	1282
Scott, Charles H., New York, N. Y. "The Scott Hip-Form and Bustle." (For Hip-Forms).....	12,806	Apr. 24	121	2661
Scott County Milling Co., Sikeston, Mo. "Noxall." (For Flour).....	13,083	Sept. 11	124	621
Scott Paper Co., Philadelphia, Pa. "Bonafid." (For Toilet-Paper).....	12,680	Feb. 20	120	2439
Scott Paper Co., Philadelphia, Pa. "Astany." (For Toilet-Paper).....	12,790	Apr. 17	121	2324
Scott Paper Co., Philadelphia, Pa. "Foldum." (For Toilet-Paper).....	12,905	May 22	122	1394
Scott Paper Co., Philadelphia, Pa. "Bestoby." (For Toilet-Paper).....	13,047	Aug. 14	123	2308
Scott Paper Co., Philadelphia, Pa. "Tryo." (For Toilet-Paper).....	13,224	Nov. 27	125	1346
Scott Paper Company, Philadelphia, Pa. "Tryable." (For Toilet-Paper).....	13,296	Dec. 25	125	2761
Seder Brothers, Pittsburg, Pa. "Black Devil." (For Hosiery).....	13,274	Dec. 18	125	2360
Sellwell Shoe Form Company, Lynn, Mass. "Feather Weight Surefit." (For Shoe-Forms).....	13,184	Nov. 6	125	346
Sewall, Frank L., East Highlands, Cal. "Mount Harrison Brand." (For Oranges).....	12,590	Jan. 2	120	322
Shade, William P., Decatur, Ill. "Es Kay Whiskey." (For Whisky).....	12,638	Jan. 30	120	1475
Sheedy, Daniel M., Poughkeepsie, N. Y. "Hemavura." (For Medicine).....	13,012	July 24	123	1282
Sherin, Jane, New York, N. Y. "Milk-Amon-Oat." (For a Toilet Washing-Powder).....	13,031	July 31	123	1661
Shogo Lithia Spring Co., Milford, Nebr. "Shogo Lithia." (For a Lithia-Spring Water).....	13,147	Oct. 30	124	2899
Show and Hunt, Santa Barbara, Cal. "Malto-Bread." (For Bread).....	13,073	Sept. 4	124	316
Shure, Mandel, Chicago, Ill. "Dextro." (For Stationery).....	12,651	Jan. 30	120	1475
Sicily Pure Olive Oil Co., Chicago, Ill. "Scilia Puro Oliva Olio." (For Olive-Oil).....	13,043	Aug. 14	123	2308
Silverstein, Isaac J., New York, N. Y. "Prime." (For Thread and Cotton).....	12,871	May 8	122	726
Simmons, Norman L., Schenectady, N. Y. "A 2 Z." (For a Liquid Cleaner).....	12,774	Apr. 3	121	1673
Simon, Abraham H., Louisville, Ky. "Kentucky Sparkling Springs." (For a Natural Spring-Water).....	13,279	Dec. 25	125	2761
Slocum, M. G., Wichita, Kans. "Menth-Camph." (For an Ointment).....	12,864	May 8	122	726
Smith, A. M., Minneapolis, Minn. "Crescent." (For Port-Wine).....	12,887	May 22	122	1394
Smith, Author M., Minneapolis, Minn. "Pennant." (For Whisky).....	12,888	May 22	122	1394
Smith, Cyrus H., Tonica, Ill. "Skiddoo." (For a Card Game).....	13,278	Dec. 18	125	2360
Smith, John W., Cincinnati, Ohio. "Buckeye Cigar." (For Cigars).....	12,604	Jan. 9	120	654
Smith, Lewis M., Philadelphia, Pa. "Lithia Holland Gin." (For Gin).....	12,801	Apr. 24	121	2661
Smith Manufacturing Company, Durham, N. C. "High Grade." (For Overalls).....	12,819	May 1	122	349
Smith & Sons, R. J., Chilvers Coton, England. "George Eliot." (For Sauce and Catchup).....	13,262	Dec. 18	125	2360
Smith, Thomas E., Mobile, Ala. "Brainaine." (For Medicine).....	12,697	Mar. 6	121	336
Snellenburg & Co., N., Philadelphia, Pa. "Mother's Favorite Stocking." (For Hosiery).....	13,000	July 10	123	652
Soap Products Company, Inc., Norfolk, Va. "Rest—A High Grade Washing Powder." (For Washing-Powder).....	12,664	Feb. 13	120	2124
Soap Products Company, Inc., Norfolk, Va. "Speed—Pulverized Scouring Soap." (For Scouring-Soap).....	12,665	Feb. 13	120	2124
Société Anme, Filature & Fileries Réunies, Alost, Belgium. "Fil Gire, Noir Sublime." (For Linen Thread).....	12,666	Feb. 13	120	2124
Société Anme, Filature & Fileries Réunies, Alost, Belgium. "Sublime." (For Linen Thread).....	12,963	June 26	122	3009
Société Anonyme Filature & Fileries Réunies, Alost, Belgium. "Au Marchand Chinois." (For Linen Thread).....	12,667	Feb. 13	120	2124
Soda Mint Water Co., Chicago, Ill. "Soda Mint Water." (For Carbonated Water).....	12,672	Feb. 20	120	2439
Sommer, Adolph, Cambridge, Mass. "Patent Leather Protector." (For a Preparation for Protecting Patent-Leather).....	13,183	Nov. 6	125	346
Sommer Company, H., Quakertown, Pa. "Decree." (For Cigars).....	12,730	Mar. 27	121	1345
Sommer Company, H., Quakertown, Pa. "John Milton." (For Cigars).....	12,899	May 22	122	1394
Southern Lubricating Co., Pierre, S. D., and Harriman, Tenn. "The Clean Lubrick." (For a Lubricant).....	13,129	Oct. 16	124	2176
St. Bernard Medicine Co., Montgomery, Ala. "St. Bernard Extract of Bark." (For Extract of Bark).....	12,863	May 8	122	726
St. Louis Brewing Association, St. Louis, Mo. "Red Seal." (For Beer).....	12,719	Mar. 20	121	1009
St. Louis, Rocky Mountain & Pacific Co., Raton, N. Mex. Ter. "Tin Pan Coal." (For Receptacles for Coal).....	12,971	June 26	122	3009
St. Louis Seed Company, St. Louis, Mo. "Havalawn." (For Grass-Seed Mixture).....	12,816	Apr. 24	121	2661
Stampede Remedy Co., San Francisco, Cal. "The Stampede Mixture." (For Medicine).....	12,831	May 1	122	349
Standard Paint Company, Boundbrook, N. J. "Ruberoid Brown Flooring." (For Brown Flooring).....	13,190	Nov. 6	125	346
Standard Paint Company, Boundbrook, N. J. "Ruberoid Red Flooring." (For Red Flooring).....	13,191	Nov. 6	125	346
Standard Paint Company, Boundbrook, N. J. "Techada Ruberoid." (For a Roofing).....	13,199	Nov. 13	125	663
Star Chemical Co., Louisville, Ky. "McGee's Corn Cure." (For Corn Cure).....	12,958	June 26	122	3009
Stearn, Sylvie, New York, N. Y. "Good Old Dawson Rye Whisky." (For Whisky).....	13,085	Sept. 18	124	1026
Steinhofer, Otto, Chicago, Ill. "Mosquito Lotion." (For Lotion).....	13,088	Sept. 18	124	1026
Sterling Electrical Manufacturing Company, Warren, Ohio. "Fairy Lights." (For Incandescent Lamps).....	13,240	Dec. 4	125	1697
Sterling Electrical Manufacturing Company, Warren, Ohio. "Fairy Lights." (For Incandescent Lamps).....	13,241	Dec. 4	125	1697
Sterling Electrical Manufacturing Company, Warren, Ohio. "Jack o'Lantern." (For Incandescent Lamps).....	13,293	Dec. 25	125	2761
Sterling Electrical Manufacturing Company, Warren, Ohio. "Jack o'Lantern." (For Incandescent Lamps).....	13,294	Dec. 25	125	2761
Stewart Brothers Company, Omaha, Nebr. "Wedgwood." (For Salmon).....	12,654	Feb. 6	120	1821
Stohrer, Mary E., Philadelphia, Pa. "Carnation." (For Catsup).....	13,135	Oct. 23	124	2531
Strong, Wm. C., Paducah, Ky. "White Elephant Cough Cure." (For a Medicine).....	12,908	May 29	122	1719
Stuart Bastow Co., Inc., Pawtucket, R. I. "Bastow's Coconut Biscuits." (For Coconut Biscuits).....	12,914	June 5	122	2059
Stub-Roo Medical Association, Duluth, Minn. "Stub-Roo Liquid." (For Medicine).....	13,252	Dec. 11	125	2045
Tacoma Chemical Co., Pittsburg, Pa. "Beau Teint, Crème Tacoma a Permanent Cold Cream." (For Cold-Cream).....	12,771	Apr. 3	121	1673
Taylor Prov. Co., Trenton, N. J. "John Taylor's Pork Roll." (For Pork Roll).....	13,134	Oct. 23	124	2531
Taylor Provision Co., Trenton, N. J. "John Taylor's Ham." (For Ham).....	12,738	Mar. 27	121	1345
Terhune, Lillian, Cincinnati, Ohio. "Bugbane." (For Insecticide).....	13,079	Sept. 11	124	621
Tetlow, Clara, Philadelphia, Pa. "La Princesse Thérèse." (For Face and Toilet Powders).....	12,988	July 10	123	652

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Texas Company, Chicago, Ill. "Dread-Naught Motor Goggle." (For Goggles).....	12,882	May 15	122	1043
Thym-A-Tol Dental Co., Norwich, N. Y. "Thym-A-Tol Tooth Paste." (For Tooth-Paste).....	13,089	Sept. 18	124	1026
Thym-A-Tol Dental Co., Norwich, N. Y. "Thym-A-Tol Flux." (For Soldering-Flux).....	13,092	Sept. 18	124	1026
Thompson, Richard S., New York, N. Y. "Thompson's Pimple-Off." (For a Proprietary Remedy for the Cure of Skin Diseases).....	12,989	July 10	123	652
Traumiller, F. Joseph, St. Louis, Mo. "Red Feather." (For Beer).....	12,749	Apr. 3	121	1673
Triumph Catsup & Pickle Co., East St. Louis, Ill. "McTague's Shell Fish Chili Sauce." (For Chili-Sauce).....	12,629	Jan. 23	120	1162
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Hawaiian Relish." (For a Relish).....	12,594	Jan. 9	120	654
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Sherbet Pineapple." (For Cut, Grated, or Chopped Pineapple).....	12,595	Jan. 9	120	654
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Pineapple (Short Squares)." (For Cut Pineapple).....	12,596	Jan. 9	120	654
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Hawaiian Pineapple (Long Squares)." (For Cut Pineapple).....	12,597	Jan. 9	120	654
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Hawaiian Pineapple (Diced)." (For Pineapple).....	12,950	June 26	122	3009
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Hawaiian Pineapple (Long Wafers)." (For Pineapples).....	13,024	July 31	123	1661
Tropic Fruit Company, Limited, Wahiawa, Hawaii. "Hawaiian Pineapple (Round Wafers)." (For Pineapples).....	13,025	July 31	123	1661
Trowbridge Chocolate Chip Co., Meadville, Pa. "Trowbridge's Chocolate Trowco Puffs." (For Confectionery).....	12,755	Apr. 3	121	1673
Tucker, T. W., Petersburg, Va. "Dr. Scott's Pure Rye Whiskey for Medicinal Purposes." (For Whisky).....	13,072	Sept. 4	124	316
Union Biscuit Company, St. Louis, Mo. "Krakrjak." (For Biscuits).....	12,645	Jan. 30	120	1475
United Carbon & Ribbon Co., Chicago, Ill. "Phenix Carbon." (For Carbon-Paper).....	13,077	Sept. 4	124	316
United States Gypsum Co., Jersey City, N. J., and Chicago, Ill. "Silico Finish." (For Wall Finish or Plaster).....	13,230	Nov. 27	125	1346
United States Gypsum Co., Jersey City, N. J., and Chicago, Ill. "Universal Finish." (For Wall Finish or Plaster).....	13,231	Nov. 27	125	1346
United States Printing Company, Brooklyn, N. Y. "Vamocha Brand Mocha and Java Coffee." (For Canned Coffee).....	12,600	Jan. 9	120	654
United States Whip Co., Westfield, Mass. "Sirenia." (For Whips).....	13,144	Oct. 23	124	2531
United States Whip Co., Westfield, Mass. "Manatee." (For Whips).....	13,228	Nov. 27	125	1346
United States Whip Co., Westfield, Mass. "Dugong." (For Whips).....	13,229	Nov. 27	125	1346
Valiquet, Louis P., Newark, N. J. "Picture-Phone." (For Coin-Operated Talking and Picture-Displaying Machines).....	13,103	Sept. 25	124	1204
Van Emden Cocoa Co., San Francisco, Cal. "Van Emden Ground Chocolate." (For Chocolate).....	12,721	Mar. 20	121	1009
Van Strum, Frederick T., Minneapolis, Minn. "Pur-O-Wheat." (For Cereal Food).....	13,020	July 31	123	1661
Victor Talking Machine Company, Camden, N. J. "Victor Victrola." (For Talking-Machines and Parts Thereof).....	12,967	June 26	122	3009
Victor Talking Machine Company, Camden, N. J. "Victor Auxetophone." (For Talking-Machines and Parts Thereof).....	12,968	June 26	122	3009
Victor Talking Machine Company, Camden, N. J. "Victor Junior Gramophone." (For Talking-Machines and Parts Thereof).....	12,969	June 26	122	3009
Vincent, Lizzie A., Sandwich, Ill. "Prairie Vine." (For Medicine).....	13,148	Oct. 30	124	2899
Vincent, Mack, Norfolk, Va. "Gatling Gun Remedy." (For Medicine).....	12,922	June 5	122	2059
W. H. Hutchinson & Son, Chicago, Ill. "Orcherade." (For Extracts and Beverages).....	12,728	Mar. 27	121	1345
Wabash Chemical & Baking Powder Co., Wabash, Ind. "Blue Ribbon." (For Baking-Powder).....	12,657	Feb. 13	120	2124
Wakeman, A. V. H., New York, N. Y. "Circleanum." (For a Cancer Remedy).....	12,865	May 8	122	726
Walker, Leigh W., Pittsburg, Pa. "Walker's Club Whiskey." (For Whisky).....	13,261	Dec. 18	125	2360
Wallerstein Produce Co., Richmond, Va. "Piedmont." (For Evaporated Apples).....	13,133	Oct. 23	124	2531
Walter M. Lowney Co., Boston, Mass. "Lowney's Diamond Sweet Chocolate." (For Chocolate).....	13,011	July 24	123	1282
Walton, George E., Daytona, Fla. "Walton's Pepsin Dental Gum." (For Chewing-Gum).....	12,878	May 15	122	1043
Watchman & Reynolds, Baltimore, Md. "P. M. C." (For an Antiseptic Powder Compound).....	13,290	Dec. 25	125	2761
Wayne County Preserving Co., Newark, N. Y. "Faultless." (For Canned Corn).....	12,733	Mar. 27	121	1345
Wayne County Preserving Co., Newark, N. Y. "Newark." (For Canned Corn).....	12,734	Mar. 27	121	1345
Wayne County Preserving Co., Newark, N. Y. "Arcadia Beauty." (For Canned Corn).....	12,735	Mar. 27	121	1345
Wayne County Preserving Co., Newark, N. Y. "Wayne." (For Canned Corn).....	12,736	Mar. 27	121	1345
Wayne County Preserving Co., Newark, N. Y. "Burnham." (For Canned Corn).....	12,737	Mar. 27	121	1345
Wayne County Preserving Company, Newark, N. Y. "Winsom." (For Canned Corn).....	13,263	Dec. 18	125	2360
Wayne County Preserving Company, Newark, N. Y. "Ganargua." (For Canned Corn).....	13,264	Dec. 18	125	2360
Webber Fish Co., B. S., Gloucester, Mass. "Pride of Gloucester." (For Cream-Codfish).....	12,883	May 22	122	1394
Webber Fish Co., B. S., Gloucester, Mass. "Pride of Gloucester." (For Sliced Smoked Halibut).....	12,884	May 22	122	1394
Wedehase, F., Sebastopol, Cal. "Fig Yeast." (For Yeast).....	12,589	Jan. 2	120	322
Weigel, Ernest A., New York, N. Y. "Star Indian Pastille." (For Pastils).....	12,834	May 1	122	349
Western Brewing Company, Belleville, Ill. "Kaiser Beer." (For Beer).....	12,780	Apr. 10	121	1975
Western Carbonic Acid Gas Co., San Francisco, Cal. "Pungent Aromatic Ginger Ale." (For Ginger-Ale).....	12,798	Apr. 24	121	2661
Western Fire Appliance Co., Toledo, Ohio. "Fire Chief." (For a Dry Chemical Fire-Extinguisher).....	12,936	June 12	122	2387
Wexberg, William V., Chicago, Ill. "Seroce Whiskey." (For Whisky).....	12,628	Jan. 23	120	1162
Wheelwright, Thos. S., Centuria, Va. "Buckhead Chloride Lithia Water." (For Mineral Water).....	13,080	Sept. 11	124	621
Whitcher, Frank W., Boston, Mass. "Albany Heel Plates." (For Heel-Plates).....	13,084	Sept. 11	124	621
White, Clarence H., Grand Rapids, Mich. "Anti-Bromo Headache Cure." (For a Headache Cure to be Used Externally).....	12,983	July 3	123	318
Wilborine Salve Co., Belleville, Ill. "Wilborine Salve." (For Salve).....	12,608	Jan. 9	120	654
William Rahr Sons Co., Manitowoc, Wis. "Grand Prize." (For Beer).....	13,280	Dec. 25	125	2761
William Underwood & Co., Boston, Mass. "Don't use Can Opener, use a nail or something similar." (For Cans).....	12,903	May 22	122	1394
Williams & Brenckle Cigar Mfg. Co., Milwaukee, Wis. "King Abul." (For Cigars).....	13,087	Sept. 18	124	1026
Willis W. Russell Card Co., Milltown, N. J. "Label for Russell's Playing Cards." (For Playing-Cards).....	12,929	June 5	122	2059
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Rustlers." (For Playing-Cards).....	13,206	Nov. 20	125	988
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Rustlers." (For Playing-Cards).....	13,207	Nov. 20	125	988
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Rustlers." (For Playing-Cards).....	13,208	Nov. 20	125	988
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Rustlers." (For a Pack of Cards).....	13,209	Nov. 20	125	988
Wilmanns Bros. Co., Milwaukee, Wis. "Magnet." (For Beer).....	12,639	Jan. 30	120	1475
Wilmanns Bros. Co., Milwaukee, Wis. "Celeri." (For Vegetable Tonics).....	12,810	Apr. 24	121	2661
Wilmanns Bros. Co., Milwaukee, Wis. "Jetter's Malt Tonic." (For Malt Tonics).....	12,890	May 22	122	1394
Wilmanns Bros. Co., Milwaukee, Wis. "Old German Lager." (For Beer).....	12,931	June 12	122	2387
Wilmanns Bros. Co., Milwaukee, Wis. "Malt-Ease." (For Malt Tonic).....	13,037	Aug. 14	123	2308

Alphabetical list of registrants of labels—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Wilmarth, E. S., and C. H. Boynton, Chicago, Ill. "Darn-Nit." (For Hosiery, Toe Caps or Shields Therefor).....	12,943	June 19	122	2686
Wilson, C. R., Louisville, Ky. "Cupidine." (For a Lotion).....	12,713	Mar. 20	121	1009
Wilson, Herbert G., Baltimore, Md. "Golden Success." (For Medicine).....	12,921	June 5	122	2059
Wintersteen, Charles H., Cameron, Mo. "The Barnett Hog Remedy and Stock Food." (For a Combined Food and Condition-Powder for Live Stock).....	12,766	Apr. 3	121	1673
Wise, Robert, New York, N. Y. "Snow-White Towel Duplex Weave." (For Towels).....	12,593	Jan. 2	120	322
Witkop, Theodore L., Buffalo, N. Y. "Royal Jelly Powder." (For Jelly-Powder).....	12,598	Jan. 9	120	654
Woelck, Herman, Chicago, Ill. "White Rose." (For Bread).....	13,044	Aug. 14	123	2308
Wohl & Co., Peter, Chicago, Ill. "Havana Bit." (For Cigars).....	12,668	Feb. 20	120	2439
Wohl & Comstock Co., Chicago, Ill. "Havana Seconds." (For Cigars).....	12,821	May 1	122	349
Wolverton's N. Y. Co., Brooklyn, N. Y. "Radium-I-See." (For Medicine).....	12,696	Mar. 6	121	336
Woodbury, John H., New York, N. Y. "New Skin Soap." (For Toilet Soap).....	13,014	July 24	123	1282
Woodbury, John H., New York, N. Y. "New Hair Soap." (For Soap for Hair and Scalp).....	13,015	July 24	123	1282
Woolson Spice Company, Toledo, Ohio. "Sabo Blend." (For Roasted Coffees).....	12,886	May 22	122	1394
Woolson Spice Company, Toledo, Ohio. "Red Dragon Brand." (For Spices).....	12,917	June 5	122	2059
Worm, Albert R., Indianapolis, Ind. "Pride Crown Brand Meats." (For Meats).....	12,689	Feb. 27	120	2751
Wright, Barrett & Stilwell Co., St. Paul, Minn. "Klondyke Blue Plaster Board." (For Plaster-Board).....	12,972	June 26	122	3009
Wright, George H., Denver, Colo. "Wright's Electric Catarrh Cure." (For a Jelly-Like Substance for Relief and Cure of Catarrh).....	12,895	May 22	122	1394
Yeager, Louis P., Pittsburg, Pa. "Yeager." (For Whisky).....	13,223	Nov. 27	125	1346
Young & Beach, Ontario, N. Y. "Prize Medal." (For Evaporated Apples).....	13,023	July 31	123	1661
Young, Beach & Maher, Ontario, N. Y. "Meteor." (For Evaporated Apples).....	13,181	Nov. 6	125	346
Zelle, Bernhard, Havana, Ill. "Togolin." (For a Sweeping Compound).....	13,052	Aug. 21	123	2625

PRINTS.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Volume.	Page.
A. Leschen & Sons Rope Co., St. Louis, Mo. "Timely Tips Right off the Reel." (For Wire Rope).....	1,693	June 5	122	2059
A. J. Reach Company, Philadelphia, Pa. "Base Balls." (For Base-Balls).....	1,842	Nov. 20	125	988
A. J. Tower Co., Boston, Mass. "How Are Things Down Your Way?" (For Oiled Clothing).....	1,860	Dec. 11	125	2045
Abbott & Co., C. W., Baltimore, Md. "Abbott's Angostura Bitters." (For Bitters).....	1,831	Nov. 13	125	663
Alaska Packers Association, San Francisco, Cal. "Argo Salmon—Salmon Fritters." (For Salmon).....	1,532	Jan. 2	120	322
Alaska Packers Association, San Francisco, Cal. "Argo Salmon—Delicious Baked." (For Salmon).....	1,533	Jan. 2	120	322
Alaska Packers Association, San Francisco, Cal. "Argo Salmon—Stuffed Eggs." (For Salmon).....	1,534	Jan. 2	120	322
Alaska Packers Association, San Francisco, Cal. "Argo Salmon—Salmon Chowder." (For Salmon).....	1,535	Jan. 2	120	322
American Cereal Co., Akron, Ohio. "Pettyjohn Says." (For a Cereal Preparation).....	1,660	May 15	122	1043
American Cereal Co., Akron, Ohio. "Pettyjohn Says." (For a Cereal Preparation).....	1,661	May 15	122	1043
American Cereal Co., Akron, Ohio. "Pettyjohn Says." (For a Cereal Preparation).....	1,662	May 15	122	1043
American Cereal Company, Chicago, Ill. "Good Morning." (For Puffed Rice).....	1,709	June 26	122	3009
American Cigar Co., New York, N. Y. "The New Crema Victoria." (For Cigars).....	1,557	Jan. 9	120	654
American Cigar Company, New York, N. Y. "Tarita." (For Cigars).....	1,695	June 12	122	2387
American Cigar Company, New York, N. Y. "Prince George." (For Cigars).....	1,720	July 17	123	994
Andrews, W. C. Muskogee, Ind. Ter. "Indian Fish Bait Makes All Fish Bite." (For Fish-Bait).....	1,757	Aug. 14	123	2398
Asling, Charles H., Springfield, Mo. "Prompt Service." (For Lumber Products Made of Cedar, Yellow Pine, Fir, and Spruce).....	1,747	July 31	123	1661
Atlanta Antiseptic Co., Atlanta, Ga. "A. A. Dentifrice Cream." (For a Dentifrice).....	1,589	Mar. 6	121	336
Auerbach & Sons, D., New York, N. Y. "Uncle John." (For Confectionery).....	1,600	Mar. 20	121	1009
Ayer Medical Company, New York, N. Y. "Ayer's Cherry Dentifrice." (For Cherry Dentifrice).....	1,562	Jan. 23	120	1162
B. Priestley & Co., New York, N. Y. "Me Too." (For Rain-Coats).....	1,830	Nov. 6	125	346
Bacon, A. S., San Jose, Cal. "Fit-Easy." (For Shoes).....	1,578	Feb. 20	120	2439
Battle Creek Breakfast Food Co. Ltd., Quincy, Ill. "Dere aint go'n'er be no leavin's." (For Food Products).....	1,666	May 22	122	1394
Belding Bros. & Co., New York, N. Y. "Belding's Yardwide Guaranteed Satin." (For Satins).....	1,598	Mar. 20	121	1009
Bellman Company, Minneapolis, Minn. "The Bellman." (For a Weekly Publication).....	1,738	July 24	123	1282
Blanchard & Company, Cambridge, Mass. "Punjab." (For a Game).....	1,549	Jan. 2	120	322
Blimline & Co., E. L., New York, N. Y. "College Brand Clothes, Fall and Winter Styles 1906-07." (For Clothes).....	1,798	Sept. 18	124	903
Body Builders Medicine Co., Binghamton, N. Y. "Body Builders." (For Medicinal Remedies).....	1,690	June 5	122	2059
Boone & Glascock, Kansas City, Mo. "Preservo." (For Shoe-Dressing).....	1,716	July 3	123	318
Borden's Condensed Milk Co., New York, N. Y. "Borden's Columbian Brand Evaporated Cream." (For Evaporated Cream).....	1,571	Feb. 6	120	1821
Borden's Condensed Milk Co., New York, N. Y. "Gold Seal Brand Condensed Milk." (For Condensed Milk).....	1,788	Sept. 18	124	903
Boston Bank Note Co., Boston, Mass. "Ferguson's White Seal." (For Bread).....	1,552	Jan. 9	120	654
Boston Bank Note Co., Boston, Mass. "Ferguson's White Seal." (For Pies).....	1,553	Jan. 9	120	654
Boston Bank Note Co., Boston, Mass. "Ferguson's Mince Pies." (For Mince Pies).....	1,554	Jan. 9	120	654
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,579	Feb. 20	120	2439
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,588	Mar. 6	121	336
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,593	Mar. 13	121	686
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,621	Apr. 17	121	2324
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,625	Apr. 24	121	2661
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,733	July 24	123	1282
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,761	Aug. 28	123	2972
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,790	Sept. 18	124	903
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,791	Sept. 18	124	903
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,792	Sept. 18	124	903
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,814	Oct. 9	124	1840
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,834	Nov. 13	125	663
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	1,851	Dec. 4	125	1697
Breidenbach, Max, Cleveland, Ohio. "Sour Grapes." (For Ornamental Buttons).....	1,779	Sept. 4	124	316
Brown Shoe Co., St. Louis, Mo. "Harry Tether." (For Shoes).....	1,536	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Attention Boys and Girls." (For Shoes).....	1,537	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "The Praise of Buster Brown Blue Ribbon Shoes." (For Shoes).....	1,538	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "A Toast." (For Shoes).....	1,539	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Little Jakkie Horner." (For Shoes).....	1,540	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Buster Brown Guards are on Parade." (For Shoes).....	1,541	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Sammie so Haughty." (For Shoes).....	1,542	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Little Indians Snow and Crow." (For Shoes).....	1,543	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Buster Brown's Heart." (For Shoes).....	1,544	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "The Return of Jakkie Horner." (For Shoes).....	1,545	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Jane and I." (For Shoes).....	1,546	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "Buster Brown Blue Ribbon Book." (For Shoes).....	1,547	Jan. 2	120	322
Brown Shoe Co., St. Louis, Mo. "100 Yard Dash." (For Shoes).....	1,548	Jan. 2	120	322
Bulman, Elvah O., Grand Rapids, Mich. "The Gem Folding Take-Up Twine and Paper Bag Holder." (For Twine-Holders).....	1,624	Apr. 17	121	2324
Burk, Louis, Philadelphia, Pa. "Burk's Butternut Boneless Breakfast Bacon." (For Bacon).....	1,700	June 19	122	2686
Butcher & Co., Minneapolis, Minn. "At Your Service." (For Wheat).....	1,668	May 22	122	1394
California Root Beer Co., Los Angeles, Cal. "California Root Beer." (For Root-Beer Extract).....	1,726	July 17	123	994
Chase, Arthur C., Omaha, Nebr. "Chase's Agricultural Pharmaceuticals." (For Pharmaceuticals Pertaining to Agriculture).....	1,872	Dec. 25	125	2761
Clark & Company, F. B., Harrisburg, Pa. "Pain King." (For Liniment).....	1,583	Feb. 27	120	2751
Coe Jr. Co. C. A., Oshkosh, Wis. "The Positive Milk Fever Cure." (For a Milk-Fever Remedy for Cattle).....	1,675	May 22	122	1394
Coulson Poultry & Stock Food Co., Petaluma, Cal. "Coulson's Egg Food." (For Egg-Food).....	1,667	May 22	122	1394
Coulson Poultry & Stock Food Co., Petaluma, Cal. "Coulson's Hog Fattening Meal." (For Hog-Fattening Meal).....	1,676	May 22	122	1394

Alphabetical list of registrants of prints—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Coulson Poultry & Stock Food Co., Petaluma, Cal. "Coulson Egg Food." (For Poultry-Foods).	1,692	June 5	122	2059
Cream of Wheat Company, Minneapolis, Minn. "Cream of Wheat for Hot Weather." (For a Food Preparation).	1,701	June 19	122	2686
Cream of Wheat Company, Minneapolis, Minn. "Top of the Morning." (For a Food Preparation).	1,702	June 19	122	2686
Cream of Wheat Company, Minneapolis, Minn. "A Sure Sign of Good Eating." (For a Food Preparation).	1,703	June 19	122	2686
Cream of Wheat Company, Minneapolis, Minn. "The Joy Maker." (For a Food Preparation).	1,704	June 19	122	2686
Cream of Wheat Company, Minneapolis, Minn. "Happy Dispositions." (For a Food Preparation).	1,705	June 19	122	2686
Cream of Wheat Company, Minneapolis, Minn. "The Proclamation." (For a Cereal).	1,810	Oct. 9	124	1840
Cream of Wheat Company, Minneapolis, Minn. "Three Minds With but a Single Thought." (For a Cereal).	1,811	Oct. 9	124	1840
Cream of Wheat Company, Minneapolis, Minn. "Cream of Wheat." (For a Cereal Breakfast-Food).	1,819	Oct. 23	124	2531
Crescent Burner Manufacturing Company, New York, N. Y. "Crescent Acetylene Burners." (For Acetylene-Burners).	1,844	Nov. 27	125	1346
David Adler & Sons Clothing Co., Milwaukee, Wis. "Adler's Spring and Summer Clothes." (For Men's Spring Apparel).	1,612	Mar. 27	121	1345
David Adler & Sons Clothing Co., Milwaukee, Wis. "Fashions of the Spring Season 1906." (For Men's Spring Apparel).	1,580	Feb. 20	120	2439
David Adler & Sons Clothing Co., Milwaukee, Wis. "Adler's Young Men's Summer Styles." (For Men's Summer Apparel).	1,592	Mar. 13	121	686
David Adler & Sons Clothing Co., Milwaukee, Wis. "Styles of the Fall and Winter Season 1906-1907." (For Men's Winter Apparel).	1,599	Mar. 20	121	1009
David Adler & Sons Clothing Co., Milwaukee, Wis. "Adler's Nobby Fall and Winter Clothes for 1906-1907." (For Men's Apparel).	1,715	July 3	123	318
David Adler & Sons Clothing Co., Milwaukee, Wis. "Adler's New Designs in Fall Fashions." (For Men's Apparel).	1,755	Aug. 14	123	2308
David & Jacobs, New York, N. Y. "Combination Suits." (For Boys' Clothing).	1,793	Sept. 18	124	933
Dawson Pharmaceutical Co., Dawson Springs, Ky. "Products That Have Made Kentucky Famous." (For Iodized Emulsion).	1,841	Nov. 20	125	988
Dennie, Frank B., Minneapolis, Minn. "Security Gall Cure." (For Gall Cure).	1,828	Nov. 6	125	346
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl No. 1." (For Medicine).	1,728	July 17	123	994
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl No. 2." (For Medicine).	1,780	Sept. 11	124	621
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl No. 3." (For Medicine).	1,781	Sept. 11	124	621
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl No. 4." (For Medicine).	1,782	Sept. 11	124	621
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl No. 5." (For Medicine).	1,783	Sept. 11	124	621
Du Pont Company, E. I., Wilmington, Del. "Shoot 'Infallible' Powder for Field and Trap." (For Powder).	1,550	Jan. 2	120	322
Duluth-Superior Milling Co., Duluth, Minn. "Without a Rival." (For Wheat-Flour).	1,805	Oct. 2	124	1519
Duluth-Superior Milling Co., Duluth, Minn. "Without a Peer." (For Wheat-Flour).	1,806	Oct. 2	124	1519
Ed. V. Price & Co., Chicago, Ill. "The Tailor." (For Men's and Boys' Trousers, Coats, and Vests).	1,762	Aug. 28	123	2972
Ed. V. Price & Company, Chicago, Ill. "A Thousand Expert Cutters and Tailors." (For Men's and Boys' Coats, Vests, and Trousers).	1,794	Sept. 18	124	903
Ed. V. Price & Company, Chicago, Ill. "Step Lively, Please." (For Men's and Boys' Coats, Vests, and Trousers).	1,795	Sept. 18	124	903
Ed. V. Price & Company, Chicago, Ill. "Men of the Widest Diversity of Taste." (For Men's and Boys' Coats, Vests, and Trousers).	1,796	Sept. 18	124	903
Ed. V. Price & Company, Chicago, Ill. "Tailor with Hands Behind." (For Men's and Boys' Coats, Vests, and Trousers).	1,797	Sept. 18	124	903
Ed. V. Price & Company, Chicago, Ill. "Enlightening the Clothing World." (For Clothing).	1,835	Nov. 13	125	663
Ed. V. Price & Company, Chicago, Ill. "Suggestion Number Five." (For Woollens).	1,836	Nov. 13	125	663
Elkus, Laurence, Indianapolis, Ind. "Composite Brick." (For Brick Manufactured from a Combination of Sand, Lime, and Cement).	1,699	June 12	122	2387
Elms & Co., New York, N. Y. "Xmas Stockings." (For Christmas Stockings).	1,820	Oct. 23	124	2531
Emergency Baggage Repair Company, New York, N. Y. "Your old trunk or baggage made as good as new." (For Trunks and Baggage).	1,551	Jan. 2	120	322
Emerson Drug Company, Baltimore, Md. "(Next Morning.) Bromo-Seltzer." (For Bromo-Seltzer).	1,601	Mar. 20	121	1009
Emerson Drug Company, Baltimore, Md. "Emerson's Bromo-Seltzer." (For a Medicine).	1,741	July 31	123	1661
Federal Lithograph Company, New York, N. Y. "Neverslips Have Red Tips." (For Horseshoe-Calks).	1,773	Aug. 28	123	2972
Federal Lithograph Company, New York, N. Y. "Neverslips Have Red Tips." (For Horseshoe-Calks).	1,774	Aug. 28	123	2972
Fischer Special Mfg. Co., Cincinnati, Ohio. "Single Cylinder Marine Coil." (For Jump-Spark Coils).	1,809	Oct. 2	124	1519
Flick, Frederick L., Brooklyn, N. Y. "Flick's Antiseptic Catarrh Salve." (For a Salve).	1,595	Mar. 13	121	686
Folger, Stephen L., New York, N. Y. "Class Pin Colored Page." (For Class-Pins).	1,759	Aug. 28	123	2972
Furstenberg, Paul W., New York, N. Y. "Fall Styles." (For Clothing).	1,858	Dec. 11	125	2045
G. E. Conkey & Co., Cleveland, Ohio. "Don't Worry—Conkey Will Cure Me." (For Poultry Remedies).	1,871	Dec. 25	125	2761
Gage Brothers & Co., Chicago, Ill. "Plaid Trimmed." (For Millinery and Straw Hats).	1,638	May 8	122	726
Gage Brothers & Co., Chicago, Ill. "Picturesque Chapeau." (For Millinery and Straw Hats).	1,639	May 8	122	726
Gage Brothers & Co., Chicago, Ill. "Rose Garlanded." (For Millinery and Straw Hats).	1,640	May 8	122	726
Gage Brothers & Co., Chicago, Ill. "Wings and Bows." (For Millinery and Straw Hats).	1,641	May 8	122	726
Gage Brothers & Co., Chicago, Ill. "A Tricorne." (For Millinery and Straw Hats).	1,642	May 8	122	726
Gage Brothers & Co., Chicago, Ill. "Ribbon Streamers." (For Millinery and Straw Hats).	1,643	May 8	122	726
Gage Brothers & Co., Chicago, Ill. "Peacock Feather." (For Millinery and Straw Hats).	1,644	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "Velvet-Box-Plait." (For Millinery and Straw Hats).	1,645	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "Plateau Drape." (For Millinery and Straw Hats).	1,646	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "Mushroom Fashion." (For Millinery and Straw Hats).	1,647	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "American Beauty." (For Millinery and Straw Hats).	1,648	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "Panama Sailor." (For Millinery and Straw Hats).	1,649	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "Floral Effects." (For Millinery and Straw Hats).	1,650	May 8	122	727
Gage Brothers & Co., Chicago, Ill. "Black and White." (For Millinery and Straw Hats).	1,651	May 8	122	727
Gerstendorfer Bros., New York, N. Y. "Star Enamel and Sapolin Varnish Stain." (For Enamel and Varnish).	1,591	Mar. 6	121	336
Gerstendorfer Bros., New York, N. Y. "Star Enamel and Sapolin Floor Stain." (For Enamel and Floor-Stain).	1,613	Mar. 27	121	1345
Gerstendorfer Bros., New York, N. Y. "Sapolin Carriage Gloss Colors." (For Carriage Gloss-Colors).	1,614	Mar. 27	121	1345
Gerstendorfer Bros., New York, N. Y. "Sapolin Gloss Carriage Colors." (For Carriage-Colors).	1,658	May 8	122	727
Gerstendorfer Bros., New York, N. Y. "Sapolin Varnish Stain." (For Varnish-Stain).	1,667	Dec. 18	125	2360
Gile, Ernest S., Boston, Mass. "Soo Tannery." (For Leather).	1,637	May 1	122	349
Goos, Louis, Camden, N. J. "Apollo Springs." (For Seltzer Water).	1,827	Nov. 6	125	346

Alphabetical list of registrants of prints—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Grandjean, Arthur, M. D., San Diego, Cal. "Dr. A. Grandjean's Hygienic Adjustable Bed Clothes Clamp." (For Bedclothes-Clamps).....	1,853	Dec. 4	125	1697
Green, G. G., Woodbury, N. J. "August Flower." (For Medicine).....	1,594	Mar. 13	121	686
Grossman Paper Box Co., Cleveland, Ohio. "C. Poyet Inc. Candies." (For Candies).....	1,558	Jan. 9	120	654
Grossman Paper Box Co., Cleveland, Ohio. "Fine Braces." (For Braces).....	1,560	Jan. 9	120	654
H. J. Putman & Co., Minneapolis, Minn. "Putman Boots." (For Boots).....	1,568	Jan. 30	120	1475
Hackett, Thomas C., Hillsboro, Md. "Hackett's Gape Cure." (For a Remedy for Curing Gapes in Chickens).....	1,855	Dec. 4	125	1697
Hale, Charles W., Springfield, Mass. "The Simplex Adapter." (For an Attachment for Dental Abscess-Syringes).....	1,854	Dec. 4	125	1697
Hegwin, Lewis, Penobscot, Me. "Health Bread." (For Bread).....	1,870	Dec. 25	125	2761
Hering, Ardo, New York, N. Y. "The Kismet Holder." (For Glass and Bottle Holders).....	1,636	May 1	122	349
Hering, Ardo, New York, N. Y. "The 'Kismet' Holder." (For Glass and Bottle Holders).....	1,712	June 26	122	3009
Hertz, Inc., New York, N. Y. "Hertz Equestrienne Breeches for Riding Astride." (For Equestrienne Breeches).....	1,776	Aug. 28	123	2972
Heymann, William, New York, N. Y. "The Continental Garter." (For Garters).....	1,710	June 26	122	3009
Holland & O'Brien Shoe Co., St. Joseph, Mo. "The Mannion Shoe." (For Shoes).....	1,822	Oct. 23	124	2531
Holland & O'Brien Shoe Co., St. Joseph, Mo. "The Baxter Shoe." (For Shoes).....	1,822	Oct. 23	124	2531
Hord, Annie G., near Nashville, Tenn. "Mrs. Hord's Colonial Pickle." (For Pickle).....	1,563	Jan. 23	120	1162
Hoosier Manufacturing Co., Newcastle, Ind. "The Hoosier Kitchen Cabinet, Cabinet No. 142." (For a Kitchen-Cabinet).....	1,679	May 22	122	1394
Hoosier Manufacturing Co., Newcastle, Ind. "The Hoosier Kitchen Cabinet, Cabinet No. 111." (For a Kitchen-Cabinet).....	1,680	May 22	122	1394
Hubbard, Luther P., Minneapolis, Minn. "Father of Waters." (For Flour).....	1,657	May 8	122	727
Hubbard, Luther P., Minneapolis, Minn. "Amount of Energy \$5.00 Will Buy." (For Flour).....	1,729	July 17	123	994
Hubbard, Luther P., Minneapolis, Minn. "Most Food Least Waste." (For Flour).....	1,763	Aug. 28	123	2972
Hubbard, Luther P., Minneapolis, Minn. "The Energy \$1 Will Buy." (For Flour).....	1,801	Sept. 25	124	1204
Hummel & Downing Co., Milwaukee, Wis. "A Trip Around Candies, Johnston." (For Confections and Candies).....	1,608	Mar. 27	121	1345
Ingram, Frederick F., Detroit, Mich. "Be Good to Your Hare." (For Dandruff Cure and Hair-Tonic).....	1,767	Aug. 28	123	2972
Iver Johnson's Arms & Cycle Works, Fitchburg, Mass. "Hammer the Hammer." (For Revolvers).....	1,581	Feb. 20	120	2439
J. Hungerford Smith Co., Rochester, N. Y. "Better Than Honey." (For Syrups and Crushed Fruits).....	1,800	Sept. 25	124	1204
J. Stevens Arms & Tool Co., New York, N. Y. "Stevens." (For Firearms).....	1,618	Apr. 3	121	1674
J. A. Scriven Company, New York, N. Y. "Scriven's Elastic Seam Knit Shirts." (For Shirts).....	1,685	June 5	122	2059
J. A. Scriven Company, New York, N. Y. "Scriven's Elastic Seam Shirt, Coat Style, Sleeveless." (For Shirts).....	1,686	June 5	122	2059
J. A. Scriven Company, New York, N. Y. "The Scriven Improved Elastic Seam Shirts, Short Sleeves." (For Shirts).....	1,687	June 5	122	2059
J. A. Scriven Company, New York, N. Y. "The Scriven Improved Elastic-Seam Drawers." (For Drawers).....	1,789	Sept. 18	124	903
John P. Squire & Company, Cambridge, Mass. "Corn Fed." (For Provisions).....	1,691	June 5	122	2059
Jos. Schlitz Brewing Co., Milwaukee, Wis. "The Beer That Makes No Man Bilious." (For Beer).....	1,787	Sept. 18	124	903
Joseph N. Eisendrath Company, Chicago, Ill. "The Sign of the Good Glove." (For Gloves and Mittens).....	1,564	Jan. 23	120	1162
Joseph N. Eisendrath Company, Chicago, Ill. "The Sign of the Best Glove." (For Gloves and Mittens).....	1,609	Mar. 27	121	1345
Joseph N. Eisendrath Company, Chicago, Ill. "Asbestol." (For Gloves and Mittens).....	1,627	Apr. 24	121	2661
Joseph Schlitz Brewing Company, Milwaukee, Wis. "The Maid's Dilemma." (For Beer).....	1,630	Apr. 24	121	2661
Julius King Optical Co., New York, N. Y. "The 'So-Easy' Eye Glass." (For Eyeglasses).....	1,730	July 17	123	994
Kaufmann & Strauss Company, New York, N. Y. "Frank Jones Ales." (For Ales).....	1,765	Aug. 28	123	2972
Kewanee Boiler Company, Kewanee, Ill. "Tabasco Heaters." (For Heaters).....	1,633	Apr. 24	121	2661
Kismet Company, New York, N. Y. "The Kismet Company." (For Glass and Bottle Holders).....	1,803	Sept. 25	124	1204
Kismet Company, New York, N. Y. "The Kismet Bottle Holder." (For Bottle-Holders).....	1,818	Oct. 16	124	2176
Kismet Company, New York, N. Y. "The Kismet Company." (For Multifunction Paper-Cutters, Glass and Bottle Holders, and Forceps).....	1,823	Oct. 30	124	2899
Kitz, Augustus J., New York, N. Y. "Doctors' Special." (For Whisky).....	1,752	Aug. 14	123	2308
Kokomo Rubber Company, Kokomo, Ind. "Chief Kokomo." (For Rubber Tires).....	1,603	Mar. 20	121	1009
Kovačević, Janko, Youngstown, Ohio. "Bog i Hrvati." (For a Liquor Made from White Corn Whisky and Brandy).....	1,631	Apr. 24	121	2661
Krusen, Geo. C., Philadelphia, Pa. "Velvo." (For a Face Massage-Cream).....	1,623	Apr. 17	121	2324
L. Adler Bros. & Co., Rochester, N. Y. "Men's Apparel." (For Men's Apparel).....	1,711	June 26	122	3009
Lee Chemical Mfg. Co., Detroit, Mich. "Celakut." (For Liquid Court-Plaster).....	1,812	Oct. 9	124	1840
Liquid Carbonic Company, Chicago, Ill. "Liquid Fruits and Diamond Brand Crushed Fruits." (For Fruit-Syrups and Crushed Fruits).....	1,671	May 22	122	1394
Liquid Carbonic Company, Chicago, Ill. "Diamond Carbonic Fire Extinguisher." (For Fire-Extinguishers).....	1,744	July 31	123	1661
Liquid Carbonic Company, Chicago, Ill. "Honestly Now Mr. Dispenser." (For Soda-Fountains).....	1,766	Aug. 28	123	2972
Lux, F. Albert, New York, N. Y. "The Nox-All Hat." (For Hats).....	1,577	Feb. 20	120	2439
Lytton, H. C., Chicago, Ill. "Men and Boys Apparel." (For Men's and Boys' Apparel).....	1,833	Nov. 13	125	663
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,840	Nov. 20	125	988
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,852	Dec. 4	125	1697
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,859	Dec. 11	125	2045
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,862	Dec. 18	125	2360
Manalin Company, Columbus, Ohio. "Man-a-lin The Ideal Laxative." (For Laxative Medicine).....	1,753	Aug. 14	123	2308
McArthur, Mary J., Cleveland, Ohio. "McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape Ladders).....	1,719	July 10	123	652
McArthur, Mary J., Cleveland, Ohio. "McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape Ladders).....	1,745	July 31	123	1661
McArthur, Mary J., Cleveland, Ohio. "McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape Ladders).....	1,746	July 31	123	1661
McArthur, Mary J., Cleveland, Ohio. "McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape and Jacob's Ladder).....	1,826	Oct. 30	124	2899
McClure, Ernest G., Washington, Pa. "Ugh! heap canned white man." (For Talking-Machines).....	1,570	Jan. 30	120	1475
McKenney, I. A., Philadelphia, Pa. "Seek no Further." (For Proprietary Medical Remedies).....	1,689	June 5	122	2059
McLeod, Ethel, and S. West, Cincinnati, Ohio. "The Cobbler." (For Shoes).....	1,743	July 31	123	1661
Meek Company, Coshocton, Ohio. "Under the Evening Light." (For Ale).....	1,529	Jan. 2	120	322
Meek Company, Coshocton, Ohio. "A Wisconsin Deer Hunt. The Return—Two Bucks." (For Beer).....	1,530	Jan. 2	120	322
Meek Company, Coshocton, Ohio. "The Cowboy's Delight." (For Whisky).....	1,531	Jan. 2	120	322
Meek Company, Coshocton, Ohio. "Nature's Romance." (For Beer).....	1,672	May 22	122	1394
Meek Company, Coshocton, Ohio. "The Home of Sierra." (For Beer).....	1,673	May 22	122	1394
Memphis Brewing & Malting Co., Memphis, Tenn. "Pearl of Memphis." (For Beer).....	1,832	Nov. 13	125	663
Merrrow Machine Company, Hartford, Conn. "The Merrrow Machine Company." (For Sewing-Machines and Products Thereof).....	1,756	Aug. 14	123	2308

Alphabetical list of registrants of prints—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Meyer & Co., Garson, Rochester, N. Y. "Fall and Winter Styles 1906-'07." (For Clothing)	1,802	Sept. 25	124	1204
Milwaukee Lithographing Co., Milwaukee, Wis. "Is Truly Healthful." (For a Substitute for Coffee)	1,856	Dec. 11	125	2045
Milwaukee Lithographing Company, Milwaukee, Wis. "It Makes the Mountain Smile." (For Beer)	1,663	May 15	122	1043
N. M. Uri & Co., Inc., Louisville, Ky. "Montreal Malt Rye." (For Liquors)	1,696	June 12	122	2387
National Self-Winding Clock Co., Champaign, Ill. "It Winds Itself." (For a Self-Winding Clock)	1,734	July 24	123	1282
National Self-Winding Clock Co., Champaign, Ill. "It Winds Itself." (For a Self-Winding Clock)	1,735	July 24	123	1282
National Self-Winding Clock Co., Champaign, Ill. "It Winds Itself." (For a Self-Winding Clock)	1,736	July 24	123	1282
National Self-Winding Clock Co., Champaign, Ill. "It Winds Itself." (For a Self-Winding Clock)	1,737	July 24	123	1282
Nehus, Francis B., Cincinnati, Ohio. "A Committee of Three, The Investigation." (For a Beverage)	1,721	July 17	123	994
Nehus, Francis B., Cincinnati, Ohio. "A Committee of Three, The Temptation." (For a Beverage)	1,722	July 17	123	994
Nehus, Francis B., Cincinnati, Ohio. "A Committee of Three, The Anticipation." (For a Beverage)	1,723	July 17	123	994
Nehus, Francis B., Cincinnati, Ohio. "A Committee of Three, The Realization." (For a Beverage)	1,724	July 17	123	994
Nehus, Francis B., Cincinnati, Ohio. "A Committee of Three, The Ejaculation." (For a Beverage)	1,725	July 17	123	994
Northwestern Yeast Co., Chicago, Ill. "Yeast Foam Raises the Dough." (For Yeast)	1,785	Sept. 11	124	621
Otto Preserving Company, Nebraska City, Nebr. "Otto Preserving Co." (For Canned Cream Sugar-Corn)	1,669	May 22	122	1394
Otto, Hedwig, Chicago, Ill. "Jungle." (For Playing-Cards)	1,847	Nov. 27	125	1346
Owens, Charles, Chattanooga, Tenn. "We Can't Improve Our Soap or Box Either." (For Soap-Holders)	1,707	June 19	122	2686
Paris Medicine Co., St. Louis, Mo. "Laxative Bromo Quinine Tablets." (For a Medicine)	1,829	Nov. 6	125	346
Paris Medicine Company, St. Louis, Mo. "Dr. Porter's Antiseptic Healing Oil Heals all Hurts, Prevents Blood Poison." (For Antiseptic Healing-Oil)	1,732	July 24	123	1282
Pepsi-Cola Company, Newbern, N. C. "Drink Pepsi-Cola." (For a Health-Drink)	1,620	Apr. 10	121	1875
Piqua Flour Co., Piqua, Ohio. "Every One to Their Own Taste." (For Flour)	1,561	Jan. 16	120	900
Post, John, Philadelphia, Pa. "Unit Street Car." (For Street-Cars)	1,694	June 5	122	2059
Pratt Food Company, Philadelphia, Pa. "Pratt Food Co. of Philadelphia." (For Animal and Poultry Regulators and Veterinary Remedies)	1,740	July 31	123	1661
Pratt Food Company, Philadelphia, Pa. "Pratt's Checker Maze." (For Animal and Poultry Regulators and Veterinary Remedies)	1,768	Aug. 28	123	2972
Pratt Food Company, Philadelphia, Pa. "Pratt Food Co. of Philadelphia Animal & Poultry Regulators & Veterinary Remedies." (For Animal Regulators and Remedies)	1,769	Aug. 28	123	2972
Racine Feet Knitting Co., Racine and Beloit, Wis. "Boys Indestructible Hose." (For Hosiery)	1,698	June 12	122	2387
Red Jacket Manufacturing Company, Davenport, Iowa. "So Easy to Fix." (For Pumps)	1,863	Dec. 18	125	2360
Red Jacket Manufacturing Company, Davenport, Iowa. "Quick Repair." (For Pumps)	1,864	Dec. 18	125	2360
Rex Bitters Co., Chicago, Ill. "Rex Bitters." (For Bitters)	1,784	Sept. 11	124	621
Rochester Candy Works, Rochester, N. Y. "The Delicious." (For Candy)	1,575	Feb. 20	120	2439
Romünder, Hermann, Milwaukee, Wis. "The Eureka" The Standard Water Softener & Purifier of the World. (For a Water Softening and Purifying Apparatus)	1,607	Mar. 27	121	1345
Rosenbluth, Edwin M., Philadelphia, Pa. "The New Diagnostic Light." (For Lights)	1,731	July 17	123	994
Ruppert, Jacob, New York, N. Y. "Centennial Prize Medal." (For Malt Liquors)	1,622	Apr. 17	121	2324
Russell & Erwin Manufacturing Co., New Britain, Conn. "The Jones Rafter Square." (For a Rafter-Square)	1,635	May 1	122	349
Sackett & Wilhelms Litho. & Ptg. Co., New York, N. Y. "Burnham's Jellycon." (For Jelly Dessert)	1,758	Aug. 21	123	2625
Salt Lake Knitting Works, Salt Lake City, Utah. "Prize Medal Brand Garments." (For Underwear)	1,569	Jan. 30	120	1475
Samuel Mundheim Co., Brooklyn, N. Y. "Imperial Hats 1906." (For Hats)	1,587	Mar. 6	121	336
Samuel Mundheim Co., Brooklyn, N. Y. "Imperial Hat Ads 1906." (For Hats)	1,597	Mar. 20	121	1009
Samuel Mundheim Co., Brooklyn, N. Y. "The Second Mundy." (For Hats)	1,615	Apr. 3	121	1674
Samuel Mundheim Co., Brooklyn, N. Y. "The Mundy Hat." (For Hats)	1,616	Apr. 3	121	1674
Sauer Co., C. F., Richmond, Va. "Sauer's Famous Flavoring Extracts." (For Flavoring Extracts)	1,573	Feb. 20	120	2439
Savage Manufacturing Co., Brooklyn, N. Y. "Coming Thro' the Rye." (For Whisky)	1,566	Jan 30	120	1475
Schloss Bros. & Co., Baltimore, Md. "Men's Apparel." (For Men's Apparel)	1,754	Aug. 14	123	2308
Schnoor, Fredrick G. O., Sioux City, Iowa. "Home Made." (For Sausage)	1,742	July 31	123	1661
Scott County Milling Co., Sikeston and Oran, Mo. "Juanita." (For Flour)	1,628	Apr. 24	121	2661
Seiter & Kappes, New York, N. Y. "The Purest in The Field." (For Whisky)	1,799	Sept. 25	124	1204
Sevenson & Johnson, Colorado Springs, Colo. "Just as Good." (For a Popcorn Confection)	1,556	Jan. 9	120	654
Shaw-Torrey Co., Grand Rapids, Mich. "Oldsmobile Model B—Straight Dash." (For an Automobile)	1,604	Mar. 20	121	1009
Shaw-Torrey Co., Grand Rapids, Mich. "Oldsmobile Model L." (For an Automobile)	1,605	Mar. 20	121	1009
Shaw-Torrey Co., Grand Rapids, Mich. "Oldsmobile Model S." (For Automobiles)	1,606	Mar. 20	121	1009
Sheldon, Dwight F., Rochester, N. Y. "Arrowette." (For Cough Medicine)	1,559	Jan. 9	120	654
Singer Sewing Machine Co., New York, N. Y. "The Singer Fashion Series." (For Corset-Covers and Petticoats)	1,652	May 8	122	727
Singer Sewing Machine Co., New York, N. Y. "The Singer Fashion Series." (For Wedding Gowns)	1,653	May 8	122	727
Singer Sewing Machine Co., New York, N. Y. "The Singer Fashion Series." (For Tailored Traveling Costumes)	1,654	May 8	122	727
Singer Sewing Machine Co., New York, N. Y. "The Singer Fashion Series." (For Afternoon Gowns)	1,655	May 8	122	727
Singer Sewing Machine Co., New York, N. Y. "The Singer Fashion Series." (For Shirt-Waist Costumes)	1,656	May 8	122	727
Smith, George W., New York, N. Y. "Snow-White." (For Shoe-Whitening Powder)	1,775	Aug. 28	123	2972
Sommer, Adolph, Cambridge, Mass. "Artgum." (For Erasers or Elastic Compounds for Cleaning and Renovating Drawings, Tracings, Pictures, Wall-Paper, Leather Goods, Apparel, &c)	1,817	Oct. 16	124	2176
Sommer, John L., Newark, N. J. "Sommer's German Silver Arch Prop." (For Arch-Props)	1,846	Nov. 27	125	1346
Spinney, Alice M., Milwaukee, Wis. "The Handicraft Doll Furniture." (For Doll Furniture)	1,713	June 26	122	3009
St. Louis Seed Company, St. Louis, Mo. "The Key to Good Crops 'Pure & Sure' Seeds." (For Seeds)	1,664	May 15	122	1043
Stahl and Jaeger, New York, N. Y. "A Stormy Day at the Flat Iron Building." (For Rubbers)	1,582	Feb. 27	120	2751
Stahl and Jaeger Inc., New York, N. Y. "Huyler's Chocolate." (For Huyler's Chocolate)	1,670	May 22	122	1394
Stahl and Jaeger, Inc., New York, N. Y. "We Root for Fleischmann's Yeast." (For Yeast)	1,697	June 12	122	2387
Strawbridge & Clothier, Philadelphia, Pa. "The Strawbridge & Clothier Child's Shopping Game." (For a Game)	1,868	Dec. 25	125	2761
Sweet-Orr & Co., New York, N. Y. "Sweet-Orr Overalls, the Kind that Don't Rip." (For Overalls)	1,815	Oct. 16	124	2176
Tennessee Chemical Co., Nashville, Tenn. "Bear Brand Guanos." (For Guanos)	1,838	Nov. 13	125	663
Tennessee Chemical Co., Nashville, Tenn. "Ox Brand Guanos." (For Guanos)	1,839	Nov. 13	125	663
Tettenborn, Frederick, Cincinnati, Ohio. "Refrigerators." (For Refrigerators)	1,619	Apr. 3	121	1674

Alphabetical list of registrants of prints—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Thompson, Richard S., New York N. Y. "Thompson's Pimple-Off." (For a Preparation for the Cure of Skin Diseases).....	1,717	July 10	123	652
Tindle & Jackson, Buffalo, N. Y. "Slack Cooperage Stock." (For Slack Cooperage Stock).....	1,681	May 22	122	1394
Toledo Biscuit Co., Toledo, Ohio. "Toledo Flakes." (For Biscuits).....	1,764	Aug. 28	123	2972
United States Playing Card Company, Cincinnati, Ohio. "Motor Car and Lantern Backs Bicycle Playing Cards." (For Playing-Cards).....	1,632	Apr. 24	121	2661
United States Playing Card Company, Cincinnati, Ohio. "Jumbo Indexes Sportsmans' Playing Cards." (For Playing-Cards).....	1,634	May 1	122	349
United States Playing Card Company, Cincinnati, Ohio. "Noodles, Moonlight, Pocahontas, Colonial Girl, Knuckle-down, and In Old Madrid backs, Congress Playing Cards." (For Playing-Cards).....	1,714	June 26	122	3009
United States Playing Card Company, Cincinnati, Ohio. "Avondale Schedule Game of Five Hundred." (For Playing-Cards).....	1,718	July 10	123	652
United States Playing Card Company, Cincinnati, Ohio. "Star-Plaidd Back Bicycle Playing Cards." (For Playing-Cards).....	1,739	July 24	123	1282
United States Playing Card Company, Cincinnati, Ohio. "Autocrat and Baronial Backs, Bridge Series, Congress Playing Cards." (For Playing-Cards).....	1,749	July 31	123	1661
United States Playing Card Company, Cincinnati, Ohio. "Captain Kidd Back Congress Playing Cards." (For Playing-Cards).....	1,750	July 31	123	1661
United States Playing Card Company, Cincinnati, Ohio. "Captain Kidd Back, Congress Playing Cards." (For Playing-Cards).....	1,751	Aug. 7	123	1987
United States Playing Card Company, Cincinnati, Ohio. "Diamond-Plaidd Back, Bicycle Playing Cards." (For Playing-Cards).....	1,772	Aug. 28	123	2972
United States Playing Card Company, Norwood, Ohio. "Autocycle Back Bicycle Playing Cards." (For Playing-Cards).....	1,807	Oct. 2	124	1519
United States Playing Card Company, Norwood, Ohio. "Mobile Back Margin Star Back Bicycle Playing Cards." (For Playing-Cards).....	1,816	Oct. 16	124	2176
United States Playing Card Company, Norwood, Ohio. "Star-Plaidd Back, Bicycle Playing Cards." (For Playing-Cards).....	1,824	Oct. 30	124	2899
United States Playing Card Company, Norwood, Ohio. "Motor Cycle Back, Bicycle Playing Cards." (For Playing-Cards).....	1,825	Oct. 30	124	2899
United States Playing Card Company, Norwood, Ohio. "Tri-Plaidd Back, Bicycle Playing Cards." (For Playing-Cards).....	1,837	Nov. 13	125	663
United States Playing Card Company, Norwood, Ohio. "Automobile Back, Bicycle Playing Cards." (For Playing-Cards).....	1,843	Nov. 20	125	988
United States Playing Card Company, Norwood, Ohio. "Buster Brown Playing Cards." (For Playing-Cards).....	1,848	Nov. 27	125	1346
United States Playing Card Company, Norwood, Ohio. "Trist Back, National Whist Playing Cards." (For Playing-Cards).....	1,861	Dec. 11	125	2045
United States Playing Card Company, Norwood, Ohio. "Motor Back, Bicycle Playing Cards." (For Playing-Cards).....	1,866	Dec. 18	125	2360
United States Rubber Company, New York, N. Y. "Wales-Goodyear Rubbers." (For Rubbers).....	1,677	May 22	122	1394
United States Rubber Company, New York, N. Y. "Ready for the Storm." (For Rubbers).....	1,678	May 22	122	1394
V. Schoenecker Boot & Shoe Company, Milwaukee, Wis. "Some Up-To-Date Mother Goose." (For Shoes).....	1,626	Apr. 24	121	2661
Valiquet, Louis P., Newark, N. J. "Picture-Phone." (For Coin-Operated Talking and Picture-Displaying Machines).....	1,804	Sept. 25	124	1204
Van Fossen, James S., Macomb, Ill. "The National Burial Vault." (For Burial-Vaults).....	1,777	Aug. 28	123	2972
Victor Remedies Co., Frederick, Md. "Victor Infants Relief." (For Medicine).....	1,727	July 17	123	994
Virginia-Carolina Chemical Co., Richmond, Va. "Highest Prices Paid for Tobacco Grown With Virginia-Carolina Fertilizers." (For Fertilizers).....	1,683	May 29	122	1719
Vona, Pell, Pittsburg, Pa. "The Pell Vona Seamless Coat." (For Coats).....	1,617	Apr. 3	121	1674
Walker, Francis S., Fayette, Iowa. "A Study of Expression: What Changes It?" (For a Tonic).....	1,778	Sept. 4	124	316
Wallach Bros., New York, N. Y. "It's a Wallach." (For Hats).....	1,760	Aug. 28	123	2972
Walpole, John L., Portland, Oreg. "Mill Work." (For Wood Millwork Articles).....	1,565	Jan. 23	120	1162
Ward, Heber A., Denver, Colo. "French Electro Medicated Crayon." (For Medicated Crayon).....	1,786	Sept. 11	124	621
Washburn-Crosby Company, Minneapolis, Minn. "Don't Discharge the Cook." (For Flour).....	1,567	Jan. 30	120	1475
Washburn-Crosby Company, Minneapolis, Minn. "The First Hands." (For Flour).....	1,574	Feb. 20	120	2439
Washburn-Crosby Company, Minneapolis, Minn. "The Best in the Basket." (For Flour).....	1,629	Apr. 24	121	2661
Washburn-Crosby Company, Minneapolis, Minn. "If You Please—Don't Merely ask for Flour." (For Flour).....	1,682	May 29	122	1719
Washburn-Crosby Company, Minneapolis, Minn. "The Model Flour Mill." (For Flour).....	1,708	June 26	122	3009
Washburn Crosby Company, Minneapolis, Minn. "The Professional Baker." (For Flour).....	1,845	Nov. 27	125	1346
Washburn, Crosby Company, Minneapolis, Minn. "Are You Opinionated." (For Flour).....	1,869	Dec. 25	125	2761
Weil Bros. & Co., Fort Wayne, Ind. "An Actual Scene in British Columbia." (For Furs).....	1,873	Dec. 25	125	2761
Wells-Whitehead Tobacco Co., Wilson, N. C. "Carolina Brights Cigarettes, Manufactured by Wells-Whitehead Tobacco Co." (For Cigarettes).....	1,674	May 22	122	1394
Wells-Whitehead Tobacco Co., Wilson, N. C. "Carolina Brights Cigarettes, They Satisfy the World." (For Cigarettes).....	1,688	June 5	122	2059
West, Sara. (See McLeod and West.)				
William Cramp & Sons Ship & Engine Bldg. Co., Philadelphia, Pa. "Parsons." (For Manganese Bronze and White Brass).....	1,684	May 29	122	1719
Willis W. Russell Card Co., New York, N. Y. "Designs for Playing Card Spots or Pips." (For Playing-Cards).....	1,572	Feb. 6	120	1821
Willis W. Russell Card Co., New York, N. Y. "Mandolin." (For Playing-Cards).....	1,584	Feb. 27	120	2751
Willis W. Russell Card Co., New York, N. Y. "Sabre." (For Playing-Cards).....	1,585	Feb. 27	120	2751
Willis W. Russell Card Co., New York, N. Y. "Oak." (For Playing-Cards).....	1,586	Feb. 27	120	2751
Willis W. Russell Card Co., New York, N. Y. "Wrapper for Playing Cards." (For Playing-Cards).....	1,590	Mar. 6	121	336
Willis W. Russell Card Co., New York, N. Y. "Print for Playing Cards." (For Playing-Cards).....	1,596	Mar. 13	121	686
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Design for Card Box." (For Playing-Cards).....	1,602	Mar. 20	121	1009
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Royal Wrapper." (For Playing-Cards).....	1,610	Mar. 27	121	1345
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Royal Ace." (For Playing-Cards).....	1,611	Mar. 27	121	1345
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Russell's Regulars." (For Playing-Cards).....	1,659	May 8	122	727
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Dragon." (For Playing-Cards).....	1,748	July 31	123	1661
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Pleidas." (For Playing-Cards).....	1,770	Aug. 28	123	2972
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Russell's Recruits." (For Package-Cards).....	1,771	Aug. 28	123	2972
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Design for Card Box." (For Playing-Cards).....	1,808	Oct. 2	124	1519
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Russell's Recruits." (For Playing-Cards).....	1,813	Oct. 9	124	1840

Alphabetical list of registrants of prints—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Russell's Regents." (For Playing-Cards).....	1,849	Nov. 27	125	1346
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Russell's Regals." (For Playing-Cards).....	1,850	Nov. 27	125	1346
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Rustlers." (For Playing-Cards).....	1,865	Dec. 18	125	2360
Wing, George H. G., New York, N. Y. "Alma Mater Cigarettes." (For Cigarettes).....	1,857	Dec. 11	125	2045
Wm. J. Lemp Brewing Co., St. Louis, Mo. "Lemp Extra Pale." (For Beer).....	1,706	June 19	122	2686
Wolfe Company, Udolpho, New York, N. Y. "Wolfe's Schnapps." (For Schiedam Schnapps).....	1,555	Jan. 9	120	654
Woodward, Orator F., Leroy, N. Y. "An Easy Shave." (For Shaving-Soap).....	1,576	Feb. 20	120	2439
Yankee Fuel Company, New York, N. Y. "Yankee Coal." (For Fuel).....	1,665	May 15	122	1043

DISCLAIMERS.

Name, residence, and invention.	No.	Filed.	Official Gazette.	
			Volume.	Page.
Avery, George C., Louisville, Ky.; disclaimer filed by assignee. Plow.....	650,771	Nov. 28, 1906	125	1705
Baker, Malcolm H., New York, N. Y.; disclaimer filed by assignee. Regulating device for arc-lamp circuits.....	684,340	Aug. 3, 1906	123	1995
Betts, Anson G., Troy, N. Y.; disclaimer filed by patentee. Electrodepositing antimony.....	792,307	Jan. 24, 1906	120	1169
Duncan, Thomas, Fort Wayne, Ind.; disclaimer filed by assignee. Electric meter.....	550,823	Dec. 13, 1906	125	2054
Johnson, William C., Memphis, Tenn.; disclaimer filed by patentee and assignees. Process of and apparatus for treating cotton seed and hulls.....	530,533	May 26, 1906	122	1727
Marconi, Guglielmo, London, England; disclaimer filed by assignee. Transmitting electrical impulses and signals and apparatus therefor. (Reissue).....	11,913	Mar. 10, 1906	121	1016
Waterman, Lewis E., Rockford, Ill.; disclaimer filed by assignee. Wheeled plow.....	823,244	Oct. 22, 1906	124	2539

ALPHABETICAL LIST OF INVENTIONS.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Specification.	Drawing.	Volume.	Page.
A-frame.....	W. Ferris and W. E. Magie	827,794	Aug. 7	217	43	123	1725
Abacus.....	A. Monachimoff	826,732	July 24	4177	868	123	1108
Abdominal support and hose-supporter. Combined.	N. L. Digney	812,120	Feb. 6	1164	256	120	1725
Abdominal support or binder.....	M. A. Watson	825,165	July 3	951	201	123	249
Abdominal supporter.....	N. Grose	810,407	Jan. 23	3695	761	120	925
Abdominal supporter.....	K. L. Storm	825,561	July 10	1803	381	123	482
Abdominal supporter.....	V. L. Smock	832,279	Oct. 2	529	100	124	1341
Abrading or cutting tools. Machine for operating	C. J. Fancher	832,369	Oct. 2	700	134-5	124	1381
Abrasive apparatus.....	O. C. Wysong	832,114	Oct. 2	184	37	124	1258
Abrasive apparatus.....	O. C. Wysong	832,889	Oct. 9	1766	364	124	1677
Abrasive body and making the same	E. G. Case. (Reissue)	12,567	Nov. 27	4747	1006	125	1303
Abrasive wheel.....	R. Gardner	838,019	Dec. 11	1467	317	125	1762
Absorbent material.....	W. R. Green	810,136	Jan. 16	3079	636	120	759
Absorbent material.....	W. R. Green	810,137	Jan. 16	3082	637	120	759
Absorbent material.....	W. R. Green	810,138	Jan. 16	3084	637	120	760
Absorbent material and fiber-stock therefor.	W. R. Green	810,139	Jan. 16	3086	637	120	760
Accordion. Mechanically-playing.	A. Zuleger	817,950	Apr. 17	2801	607	121	2085
Account-cabinet.....	B. C. Maxwell	816,025	Mar. 27	4145	878	121	1061
Account-register.....	A. F. Staples and C. W. Potter	830,936	Sept. 11	2080	439-40	124	552
Accounts. Apparatus for keeping	P. B. Horton	836,383	Nov. 20	2947	624	125	826
Accounts. Means for keeping credit and instalment.	I. H. Hollander	838,993	Dec. 18	3343	724	125	2264
Accounting appliance. Credit-	P. A. McCaskey	809,723	Jan. 9	2250	467	120	527
Accounting appliance. Credit-	J. J. Bennett	815,785	Mar. 20	3651	768	121	901
Accumulator-controller.....	G. P. Dike	825,383	July 10	1395	293	123	381
Acetates. Making.....	H. O. Chute	835,501	Nov. 13	1245	268	125	359
Acetylene and chlorin. Making compounds of	J. H. Lidholm	831,725	Sept. 25	3693	.....	124	1029
Acetylene chlorid. Making	H. Precht	817,188	Apr. 10	1272	.....	121	1702
Acetylene-generator.....	J. W. Vaughn	815,390	Mar. 20	2854	593	121	728
Acetylene-generator.....	A. L. Eastman	820,103	May 8	2216	481	122	557
Acetylene-generator.....	E. Fonbonne	823,677	June 19	2925	618-19	122	2473
Acetylene-generator.....	E. R. Angell	833,148	Oct. 16	2270	477	124	1850
Acetylene-generator.....	G. W. Miller	836,695	Nov. 27	3592	766	125	1017
Acetylene-generators. Feeding mechanism for	L. E. Shaw	834,328	Oct. 30	4888	1035	124	2583
Acid. Alkamin esters of para-aminobenzoic.	A. Einhorn	812,554	Feb. 13	2100	.....	120	1994
Acid and calcium carbid. Making hydrochloric.	W. H. Seamon	826,614	July 24	3967	.....	123	1056
Acid and making same. Alizarin sulfo-	M. Jljinsky	826,509	July 17	3713	.....	123	976
Acid and making same. Anthraflavin disulfonic.	M. Jljinsky	826,510	July 17	3714	.....	123	976
Acid and making same. Mercury salts of cholic	E. Wörner	811,193	Jan. 30	5259	.....	120	1301
Acid. Apparatus for making nitric	O. H. U. Brünler	834,257	Oct. 30	4766	1008	124	2553
Acid-concentrating apparatus. Sulfuric-	L. Stange	837,592	Dec. 4	632	146	125	1511
Acid. Concentrating diluted nitric	O. Baither	819,262	May 1	450	.....	122	105
Acid ester and making same. Carbamic-	A. Bischler	839,100	Dec. 25	3608	.....	125	2377
Acid from air. Making nitric	A. and H. Pauling	814,917	Mar. 13	1817	380	121	455
Acid, &c. Making boric	H. Blumenberg, Jr.	809,550	Jan. 9	1903	394	120	451
Acid. Making sulfuric	R. Knietseh	816,918	Apr. 3	737	152	121	1522
Acid. Making sulfuric	W. M. Johnson	825,057	July 3	736	154	123	197
Acid. Manufacture of glycolic	O. Liebknecht	837,083	Nov. 27	4393	.....	125	1217
Acid. Manufacturing boric	O. Best	837,378	Dec. 4	202	.....	125	1407
Acid-menthol ether. Producing salicylic-	B. Bibus and R. Scheuble	830,043	Sept. 4	263	.....	124	64
Acid methylene acetate and making same. Salicylic-	F. W. S. Valentiner	811,884	Feb. 6	673	.....	120	1628
Acids and ketones. Making carbon	H. S. Blackmore	817,690	Apr. 10	2236	480	121	1903
Acids. Making barbituric	O. Wolfes	814,496	Mar. 6	997	.....	121	217
Acids. Making dialkyl-barbituric	M. Engelmann	809,362	Jan. 9	1515	.....	120	368
Acids. Making dialkyl-barbituric	M. Conrad	817,159	Apr. 10	1209	.....	121	1688
Acids. Making dialkyl-barbituric	W. Traube	822,165	May 29	6355	.....	122	1650
Actuating device. Fluid-operated	L. L. Logan	834,825	Oct. 30	5885	1247	124	2836
Adapter.....	A. Swan	825,582	Aug. 14	1794	378	123	2145
Adding and multiplying machine	S. de Gomila	833,960	Oct. 23	4081	870-1	124	2374
Adding and recording machine	A. S. Dennis	813,361	Feb. 20	3677	806-8	120	2373
Adding and recording machine	A. K. Erstrand	829,769	Aug. 28	4260	902-4	123	2839
Adding and type-writer machine. Combined	J. C. Lotterhand	836,390	Nov. 20	2960	627-8	125	830
Adding and type-writing machine. Combined	J. C. Lotterhand	811,157	Jan. 30	5177	1081-3	120	1283
Adding device.....	E. C. Dilworth	811,205	Jan. 30	5282	1105	120	1307
Adding device.....	L. E. Coleman	816,781	Apr. 3	454	102	121	1458
Adding device. Mechanical	C. R. Martineau	815,725	Mar. 20	3504	735-8	121	872
Adding-machine.....	W. F. Smith	808,696	Jan. 2	138	32-3	120	32
Adding-machine.....	E. R. Beach	808,893	Jan. 2	542	120	120	120
Adding-machine.....	G. N. Hinchman and H. Schroe- der	811,920	Feb. 6	742	162-9	120	1641
Adding-machine.....	J. Pallweber	813,578	Feb. 27	4125	904	120	2532
Adding-machine.....	N. H. Kodama and A. I. Gancher	816,342	Mar. 27	4802	1017-18	121	1201
Adding-machine.....	M. Kun	817,786	Apr. 17	2460	525-7	121	2008
Adding-machine.....	A. Macauley	823,474	June 12	2487	525-6	122	2317
Adding-machine.....	C. W. Gooch	825,205	July 3	1025	217	123	267
Adding-machine.....	F. R. Welton	825,365	July 10	1354	286	123	370
Adding-machine.....	G. N. Hinchman	833,388	Oct. 16	2763	582-5	124	1977
Adding-machine.....	G. N. Hinchman	833,389	Oct. 16	2777	585-7	124	1980
Adding-machine.....	C. N. McFarland	836,130	Nov. 20	2434	513-14	125	701
Adding-machine attachment.....	C. C. Earnist	824,416	June 26	4335	923	122	2831
Adding-machine attachment.....	V. Stron	829,357	Aug. 21	3379	712-13	123	2576

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Adding-machine cabinet.	A. Hendricks.	833,927	Oct. 23	3923	832	124	2303
Adding-machines. Separable keyboard for.	J. C. Lotterhand.	836,389	Nov. 20	2956	626-7	125	829
Addressing-machine.	A. B. Hunkins.	815,832	Mar. 20	3756	789-90	121	924
Addressing-machine.	C. Owens.	826,053	July 17	2789	578-9	123	743
Addressing-machine.	C. Owens and U. G. Lee.	826,054	July 17	2794	579-80	123	744
Addressing machine. Envelop and the like.	J. J. Braun.	823,988	June 19	3511	750-1	122	2600
Adhesive and making same.	F. H. Patch.	809,739	Jan. 9	2279	.....	120	534
Adhesive-applying device.	O. Hesser.	7,559	Apr. 10	2017	425	121	1856
Adhesive-applying device.	F. E. Brickett.	830,049	Sept. 4	278	56	124	68
Adhesive brace. Flexible.	A. Freschl.	7	Feb. 2	4523	998	120	2617
Adhesive material. Treating.	T. S. Hall.	839,383	Dec. 25	4163	.....	125	2514
Adhesive-supplying mechanism.	O. Tyberg and J. G. C. Mantle.	4,414	Mar. 6	854	176	121	185
Adhesives to paper, &c. Machine for applying.	J. G. Beattie.	820,086	May 8	.....	474-5	122	549
Adjustable bracket.	S. Kahn.	809,448	Jan. 9	710	352	120	409
Adjustable bracket.	B. H. Spangenberg.	11,335	Jan. 30	5529	1153	120	1360
Adjustable bracket.	A. Jordan.	830,32	Sept. 4	672	134	124	169
Adjustable gage.	J. E. Giffin.	814,530	Mar. 6	1065	219-20	121	231
Adjustable mold.	T. G. Johnson.	819,229	May 1	392	83	122	93
Adjustable seat and desk.	J. T. Brent, Jr.	1,292	Mar. 27	4671	991-2	121	1175
Adjustable washer.	J. H. Chidester.	811,035	Jan. 30	4938	1030	120	1274
Adjustable washer.	G. McKeranahan.	812,440	Feb. 13	1861	409	120	1945
Adjusting and fastening ring.	C. Schmidt.	827,267	Jul. 31	5,8	1095	123	1397
Adjusting device.	A. F. Clarke.	836,485	Nov. 20	3148	668	125	875
Adjustment. Combination.	T. E. Lutz.	837,483	Dec. 4	409	93	125	1458
Advertisement and heating purposes. Apparatus for.	O. Brünler.	829,501	Aug. 28	3098	780	123	2701
Advertiser. Mechanical.	B. F. McFarland and C. E. Crosby.	823,187	June 12	1935	399-400	122	2199
Advertising apparatus.	F. L. Reynolds.	819,673	May 1	1252	273	122	281
Advertising apparatus.	F. J. Walton and L. V. Rogers.	821,46	May 22	4354	926	122	1148
Advertising apparatus. Display.	E. O. Wilcox.	816,632	Apr. 3	176	37-8	121	1400
Advertising-calendar.	W. S. Thorp.	822,406	June 5	340	70	122	1800
Advertising-carton.	W. F. Hill.	822,841	June 5	1209	249	122	1992
Advertising device.	A. Dunhill.	812,191	Feb. 13	1375	299	120	1839
Advertising device.	P. Coupette.	813,200	Feb. 20	3351	737	120	2305
Advertising device.	E. C. Crow.	813,354	Feb. 20	3663	803	120	2370
Advertising device.	A. W. MacArthur.	814,383	Mar. 6	775	156-7	121	171
Advertising device.	H. B. Seaman.	815,867	Mar. 20	3833	812	121	939
Advertising device.	H. A. de Rudio.	818,197	Apr. 17	3296	705	121	1922
Advertising device.	H. S. Williams.	819,394	May 1	731	155	122	166
Advertising device.	L. Greenberg.	822,734	June 5	1014	207	122	1951
Advertising device.	A. Suesskind.	824,516	June 26	4537	962	122	2877
Advertising device.	J. B. Daniels.	825,195	July 3	1004	213	123	262
Advertising device.	H. N. Miller.	826,681	July 24	4081	847	123	1085
Advertising device.	W. J. Elder and A. C. Remick.	829,064	Aug. 21	2755	579	123	2420
Advertising device.	H. H. Bell.	831,496	Sept. 18	3184	673	124	856
Advertising device.	W. R. Mudd.	831,973	Sept. 25	4190	874	124	1152
Advertising device.	H. L. Wright.	833,432	Oct. 16	2872	608	124	2003
Advertising device.	E. J. Brandel.	836,363	Nov. 20	2902	615	125	816
Advertising device.	R. S. Sutton.	839,334	Dec. 25	4072	874	125	2492
Advertising device. Automaton.	J. R. Cline.	832,533	Oct. 2	1027	205	124	1460
Advertising device for trusses, &c.	J. W. Bunker.	839,267	Dec. 25	3941	847	125	2459
Advertising device. Telephone.	E. Gurney.	836,753	Nov. 27	3719	794	125	1051
Advertising device. Traveling.	W. L. D. Wright.	828,634	Aug. 14	1888	398	123	2169
Advertising display-stand.	W. T. Little.	824,126	June 26	3746	800	122	2709
Advertising-lantern.	F. Koenig.	825,663	July 10	2058	429	123	549
Advertising-machine.	O. M. Thomson.	829,040	Aug. 21	2711	568-9	123	2408
Advertising projecting apparatus.	F. Wetzler and M. Ornstein.	812,105	Feb. 6	1142	250-1	120	1721
Aerating device for pasteurizing.	C. Schallinger and M. Sondergaard.	817,875	Apr. 17	2644	574	121	2048
Aerial apparatus.	J. Riley.	836,709	Nov. 27	3614	770-1	125	1023
Aerial-cable support.	C. L. Brown.	837,185	Nov. 27	4584	972	125	1263
Aerial cables. Suspending.	L. A. McNeil.	816,991	Apr. 3	896	185	121	1557
Aerial ferry.	S. B. Harding.	831,225	Sept. 18	2661	560	124	722
Aerial flight. Means for.	O. Chanute.	834,658	Oct. 30	5537	1175	124	2748
Aerial navigator. Automobile.	G. M. West.	838,673	Dec. 18	2788	598	125	2131
Aerial top.	A. L. Platt.	813,519	Feb. 27	4011	879	120	2507
Aerial tramway.	W. C. Lawson.	826,340	July 17	3336	690	123	876
Aerial tramways and the like. Coupling device for.	J. A. Gyllenberg.	824,645	June 26	4790	1021	122	2932
Aerial transportation system. Marine.	J. B. Clarke.	834,871	Oct. 30	5970	1268-9	124	2856
Aerial vessel.	B. O'Kane.	820,938	May 15	3897	831	122	986
Aerodrome.	J. B. Kramer.	827,157	July 31	5059	1054	123	1342
Aerophone.	L. De Forest.	836,015	Nov. 13	2182	468	125	587
Aerophone.	L. De Forest.	836,072	Nov. 13	2286	486	125	614
Aerophone.	L. De Forest.	833,034	Oct. 9	2028	426	124	1739
Aeroplane.	J. J. Montgomery.	831,173	Sept. 18	2565	541	124	699
Æth-oxy-phenyl-camphoryl imid and making same.	A. H. C. Heitmann and E. C. Clemmensen.	824,357	June 26	4197	.....	122	2805
Agglomerates and agglutinants. Making.	R. A. Le Maître.	826,948	July 24	4583	.....	123	1210
Aging and purifying liquors. Means for.	R. A. Stewart.	811,966	Feb. 6	867	190	120	1666
Agitating and leaching tank. Combined.	E. L. Godbe.	832,252	Oct. 2	483	90	124	1329
Agitating and mixing apparatus.	L. C. Trent.	836,717	Nov. 27	3631	774	125	1026
Agitating device.	W. B. Devereux.	815,272	Mar. 13	2545	535	121	613
Agricultural appliance.	M. Willett.	819,486	May 1	904	197-8	122	202
Agricultural fork.	J. Viall.	834,951	Nov. 6	144	29	125	40
Agricultural gate.	T. R. Wiley.	829,820	Aug. 28	4372	924	123	2868
Agricultural implement.	J. U. Cornelison.	810,622	Jan. 23	4130	853	120	1023
Agricultural implement.	W. H. Rice.	815,744	Mar. 20	3569	749-50	121	885
Agricultural implement.	C. D. Adams.	817,540	Apr. 10	1976	418	121	1848
Agricultural implement.	T. G. Shuler.	821,892	May 29	5826	1239	122	1529
Agricultural implement.	G. C. Stanley.	828,148	Aug. 7	906	186	123	1893
Agricultural implement.	J. C. Messer and J. Cook.	832,267	Oct. 2	511	97	124	1336
Agricultural implement.	G. E. Harter.	832,905	Oct. 9	1797	372	124	1684
Agricultural implement.	G. E. Harter.	832,906	Oct. 9	1799	372	124	1685
Agricultural implement.	A. R. Jeffrey.	836,582	Nov. 20	3326	709-10	125	918
Agricultural implement.	W. L. and W. A. Paul.	836,779	Nov. 27	3767	803-4	125	1063
Agricultural implement.	S. P. Stovall.	836,841	Nov. 27	3880	828	125	1093
Agricultural-implement, &c., coupling.	W. L. Paul.	808,677	Jan. 2	104	24	120	25

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Agricultural-implement tooth.	M. Mohr.	828,329	Aug. 14	1295	274	123	2015
Agricultural implements. Draft-truck for.	H. V. Smith.	833,347	Oct. 16	2691	566	124	1959
Agricultural implements. Riding attachment for.	N. H. Bloom.	819,973	May 8	1912	423	122	486
Agricultural implements. Riding attachment for.	N. H. Bloom.	821,980	May 29	5996	1278	122	1566
Agricultural implements. Riding attachment for.	L. E. Waterman.	830,690	Sept. 11	1626	336	124	437
Air and gas engine.	A. O. Haney.	817,706	Apr. 10	2261	487	121	1908
Air and gas mixing apparatus.	M. D. Colbath.	819,124	May 1	183	38	122	47
Air and liquid cooling apparatus.	G. T. Voorhees.	813,066	Feb. 20	3094	678	120	2251
Air and other gases. Apparatus for liquefying.	R. P. Pictet.	830,613	Sept. 11	1454	302	124	389
Air and vacuum motor.	G. W. Johnston.	827,021	July 24	4722	985	123	1242
Air. Apparatus for ozonizing atmospheric.	E. L. Joseph.	829,790	Aug. 28	4317	912	123	2854
Air. Apparatus for the production of carbureted.	A. Perrier.	831,374	Sept. 18	2963	629-30	124	799
Air-brake.	E. T. Hughes.	811,064	Jan. 30	4982	1040	120	1243
Air-brake.	W. L. Stiarwalt and W. H. Cool.	811,525	Jan. 30	5862	1229	120	1429
Air-brake.	E. H. Miller and C. V. Rote.	811,863	Feb. 6	623	136-7	120	1616
Air-brake.	E. A. Graves.	822,520	June 5	572	115	122	1852
Air-brake.	G. E. March.	822,747	June 5	1035	212	122	1955
Air-brake.	J. P. Kelly.	823,048	June 12	1634	338	122	2134
Air-brake.	W. H. Collins.	827,421	July 31	5616	1161-2	123	1478
Air-brake.	H. M. Marsh.	837,416	Dec. 4	275	67	125	1424
Air-brake.	B. Canell.	838,520	Dec. 18	2487	539	125	2058
Air-brake air-supply apparatus.	E. B. Allen.	823,315	June 12	2210	461	122	2258
Air-brake. Anchor emergency.	C. Z. Sanders.	809,632	Jan. 9	2073	430	120	487
Air-brake and steam coupling. Automatic.	O. E. Leib and E. B. Witte.	824,034	June 19	3597	766-7	122	2617
Air-brake apparatus.	A. A. St. Clair.	812,697	Feb. 13	2361	517	120	2044
Air-brake apparatus.	H. F. Bickel.	823,023	June 12	1592	329-30	122	2125
Air-brake apparatus.	A. H. Geltz and L. L. Hosack.	827,063	July 24	4823	1004	123	1267
Air-brake apparatus.	W. V. Turner and E. A. Wright.	834,343	Oct. 30	4914	1041	124	2590
Air-brake appliance.	H. C. Luck.	814,974	Mar. 13	1926	404-5	121	476
Air-brake appliance.	H. C. Luck.	833,534	Oct. 16	3076	653	124	2049
Air-brake attachment.	J. B. O'Donnell.	831,373	Sept. 18	2962	629	124	799
Air-brake. Automatic.	F. J. R. Wagner.	823,979	June 19	3493	746	122	2506
Air-brake controller. Automatic.	T. Clegg.	821,859	May 29	5763	1227	122	1515
Air-brake coupling.	H. H. Sartain.	813,390	Feb. 20	3730	819	120	2384
Air-brake coupling.	J. S. Farlow.	818,155	Apr. 17	3205	689	121	2172
Air-brake coupling.	C. Schumacher.	836,344	Nov. 20	2868	609	125	809
Air-brake coupling. Automatic.	A. H. Skillings.	813,747	Feb. 27	4435	979	120	2598
Air-brake coupling. Automatic.	V. Simeek.	815,870	Mar. 20	3838	813-14	121	941
Air-brake gasket-replacing tool.	G. J. Pilger.	823,189	June 12	1940	400	122	2200
Air-brake governor.	L. F. Williams.	825,786	July 10	2289	476	123	604
Air-brake mechanism.	A. L. Goodknight.	813,090	Feb. 20	3131	686	120	2258
Air-brake mechanism.	J. Dillander.	824,712	July 3	28	4-5	123	11
Air-brake mechanism.	E. C. Jordan and C. B. Brown.	839,769	Dec. 25	4955	1058	125	2708
Air-brake-operating device for railways. Automatic emergency.	J. P. Birmingham.	811,687	Feb. 6	295	66	120	1550
Air-brake pipes. Safety coupling-section for.	W. J. Hofstatter.	810,862	Jan. 23	4560	949-50	120	1117
Air-brake safety device.	J. Judge.	839,598	Dec. 25	4596	980-1	125	2619
Air-brake. Safety elevator.	F. E. Small and T. M. Latsch.	839,327	Dec. 25	4061	871	125	2489
Air-brake-setting device and alarm.	R. E. Adreon and F. M. Stam- baugh.	808,711	Jan. 2	170	39	120	38
Air-brake system.	F. H. Dukesmith.	819,415	May 1	767	164	122	173
Air-brake system.	A. I. Perry.	822,073	May 29	6174	1316	122	1609
Air-brake system.	D. Felten.	826,322	July 17	3309	683	123	869
Air-brake system.	N. R. Beauchamp.	828,635	Aug. 14	1890	398	123	2169
Air-brake system.	F. B. Corey.	829,143	Aug. 21	2944	616	123	2470
Air-brake system.	G. R. Henderson and W. V. Turner.	836,682	Nov. 27	3552	758	125	1008
Air-brake system.	J. Noble.	839,186	Dec. 25	3780	816	125	2421
Air-brake system.	F. B. Corey.	839,366	Dec. 25	4128	886	125	2506
Air-brake system and automatic valve.	F. B. Corey.	811,765	Feb. 6	428	94	120	1580
Air-brake system. Automatic.	F. B. Corey.	831,418	Sept. 18	3035	644-5	124	817
Air-brake systems. Stop-cock for.	S. H. Dunning.	838,308	Dec. 11	2073	448	125	1912
Air-brakes and means to start automobiles.	G. W. Young.	827,939	Aug. 7	296	61	123	1744
Air-brakes. Emergency cut-out cock for.	F. H. Dukesmith.	820,291	May 8	2584	563	122	638
A r-cleaning apparatus.	G. J. Kindel.	827,536	July 31	5904	1223	123	1548
Air compressing and cooling apparatus.	R. Berg.	836,624	Nov. 20	3405	726-7	125	935
Air-compressing apparatus.	W. A. Rohr.	832,812	Oct. 9	1603	329	124	1637
Air-compressing engine.	H. E. Clifford.	811,378	Jan. 30	5609	1173-4	120	1378
Air-compressor.	E. Hill.	819,655	May 1	1213	266	122	272
Air-compressor.	W. Reavell.	819,924	May 8	1770	381	122	460
Air-compressor.	H. B. Cornish.	821,926	May 29	5896	1253	122	1544
Air-compressor.	B. Obear.	822,689	June 5	932	189-90	122	1935
Air-compressor.	T. H. Smith.	828,522	Aug. 14	1681	354	123	2114
Air-compressor.	L. H. Rogers.	838,140	Dec. 11	1749	375	125	1834
Air-compressor.	L. H. Rogers.	838,459	Dec. 11	2363	513-14	125	1984
Air-compressor and the like.	A. J. Lavoie.	821,299	May 22	4635	988-9	122	1209
Air-compressor. Automatic.	J. Rogers.	835,291	Nov. 6	825	172	125	209
Air-compressor. Compound.	E. Hill.	830,503	Sept. 11	1222	256	124	330
Air-compressor. Hydraulic.	F. C. Carr.	821,607	May 29	5266	1123	122	1404
Air-compressor. Hydraulic.	M. F. Gutermuth.	825,719	July 10	2165	452	123	574
Air-compressor. Rotary.	G. Hermansen.	828,111	Aug. 7	849	175	123	1880
Air-compressor strainer.	W. J. Ogan.	817,797	Apr. 17	2486	532	121	2014
Air-compressors. Automatic electrical controller for.	F. D. Ackerman.	809,083	Jan. 2	921	193	120	204
Air-compressors. Means for operating the electric unloaders of.	F. V. Longacre.	815,025	Mar. 13	2058	431	121	504
Air-compressors. Mechanism for unloading.	H. P. Morgan.	837,327	Dec. 4	101	27	125	1379
Air-coupling. Automatic.	E. V. Sexsmith and D. E. Moulton.	811,961	Feb. 6	860	189	120	1664
Air-current governor.	S. P. Smith.	830,459	Sept. 4	1128	236	124	278
Air-currents. Means for producing.	B. A. Stowe.	816,759	Apr. 3	402	92-3	121	1448
Air-cushion.	H. A. Carl.	814,829	Mar. 13	1675	350	121	425
Air-cushion for vehicles.	M. Downer.	811,622	Feb. 6	172	38	120	1523
Air-drying apparatus.	C. O. Williams.	834,698	Oct. 30	5616	1192	124	2769
Air-feeding device.	E. Harcharick.	814,650	Mar. 6	1297	272-3	121	280
Air-feeding device.	W. Sasse.	815,473	Mar. 20	3009	627	121	763
Air filter and cooler.	J. Zellweger.	838,602	Dec. 18	2644	569	125	2096
Air for metallurgical purposes. Apparatus for drying.	G. Cattaneo and J. Schlesinger.	839,362	Dec. 25	4122	885	125	2504

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Air for respiration purposes. Apparatus for reoxy- genating exhaled	M. Bamberger, F. Böck, and F. Wanz.	819,704	May 1	1316	286	122	296
Air goods.	H. F. Keil.	811,406	Jan. 30	5655	1185	120	1387
Air-goods fabric.	H. F. Keil.	811,407	Jan. 30	5657	1185-6	120	1388
Air-heating system.	F. S. Lamson.	809,306	Jan. 9	1400	284-5	120	343
Air humidifying and cleansing apparatus.	J. W. Fries.	831,275	Sept. 18	2778	586	124	754
Air in buildings. Apparatus for heating, purifying, and distributing	W. J. Rafferty.	821,671	May 29	5390	1150	122	1431
Air-lock.	S. W. Chiles.	816,642	Apr. 3	202	47-8	121	1405
Air-lock.	H. Japp.	838,336	Dec. 11	2128	460-1	125	1927
Air-locks and the like. Valve for.	H. Japp.	838,337	Dec. 11	2130	461	125	1927
Air-locks. Valve for ventilating.	E. W. Moir.	838,351	Dec. 11	2154	466	125	1932
Air. Means for increasing the work obtainable from a charge of compressed	W. H. Sodeau.	827,891	Aug. 7	387	82	123	1766
Air. Means for increasing the work obtainable from a charge of compressed	W. H. Sodeau.	828,432	Aug. 14	1492	314	123	2066
Air-moistening device.	A. Leyerle.	835,542	Nov. 13	1325	284	125	378
Air or other gas. Electrifier for treating.	J. H. Bridge.	832,768	Oct. 9	1510	304	124	1617
Air or other gases. Electrically treating.	J. H. Bridge.	832,767	Oct. 9	1507	304	124	1617
Air or oxygen. Apparatus for producing highly- oxygenized	A. Déchaux.	830,975	Sept. 11	2147	454-5	124	569
Air-pressure and vacuity indicator.	H. A. House.	817,778	Apr. 17	2435	521	121	2003
Air-pressure brake.	E. Kramer.	828,939	Aug. 21	2499	529	123	2355
Air-purifier.	H. Platz.	816,371	Mar. 27	4863	1031	121	1214
Air-purifying apparatus.	A. P. Swan.	811,969	Feb. 6	873	193	120	1666
Air-purifying apparatus.	J. H. Kinealy.	813,217	Feb. 20	3395	748-9	120	2313
Air-separator.	G. S. Emeric.	826,772	July 24	4254	884	123	1129
Air-separator.	C. H. Lane. (Reissue).	12,576	Dec. 11	2471	536	125	2010
Air-ship.	C. F. Page.	817,442	Apr. 10	1785	375	121	1809
Air-ship.	J. Kremenok.	826,038	July 17	2760	571	123	737
Air-ship.	J. M. O'Neill.	826,052	July 17	2787	577-8	123	743
Air-ship.	E. Stoltzfus.	836,224	Nov. 20	2624	552	125	749
Air-ship.	P. and P. Lebaudy.	836,513	Nov. 20	3196	677-9	125	888
Air-ship.	J. F. Harris.	836,577	Nov. 20	3320	707-8	125	917
Air-ship.	E. Hutchinson.	837,472	Dec. 4	389	89-90	125	1453
Air-ship.	G. W. Byron.	839,548	Dec. 25	4508	961	125	2598
Air-ship. Dirigible.	A. Bratschie.	816,706	Apr. 3	316	73	121	1430
Air-ship tower. Revolving.	S. M. Friede.	815,549	Feb. 27	4062	890-1	120	2519
Air-strainer.	F. Robinson.	934,937	Nov. 6	117	23	125	35
Air tension-motor.	G. P. Brand.	835,774	Nov. 13	1757	374-5	125	485
Air to electric discharges. Apparatus for subjecting.	J. E. Mitchell and D. Parks.	817,082	Apr. 3	1049	218	121	1591
Air-treating apparatus.	W. H. Carrier.	808,897	Jan. 2	549	122	120	121
Air-treating apparatus.	F. White.	810,450	Jan. 23	3778	778-9	120	944
Air-treating apparatus.	F. White.	810,451	Jan. 23	3786	779	120	946
Air-treating machine.	J. W. Fries.	829,707	Aug. 28	4138	875	123	2808
Alarm:							
See Automatic alarm.	Incubator-alarm.						
Burglar-alarm.	Low-water alarm.						
Burglar and fire alarm.	Pneumatic alarm.						
Cord tension-alarm.	Railway-crossing						
Electric alarm.	alarm.						
Elevator safety-alarm.	Rain-alarm.						
Engineer's alarm.	Temperature-alarm.						
Fire-alarm.	Thermostatic alarm.						
Fire and burglar alarm.							
Alarm.	G. A. Hill.	811,061	Jan. 30	4977	1039	120	1242
Alarm.	W. L. Monroe.	813,164	Feb. 20	3290	723	120	2293
Alarm.	H. Irwin.	815,709	Mar. 20	3473	725-6	121	866
Alarm.	F. M. Hobbs.	822,125	May 29	6272	1335	122	1632
Alarm.	M. C. Cooper.	838,385	Dec. 11	2226	482	125	1949
Alarm for use in connection with bags and the like.	H. Abrahams.	826,644	July 24	4013	831	123	1067
Alarm-lock.	A. Schoenman.	823,701	June 19	2964	627	122	2481
Alarm-signal.	R. J. Zorge.	824,270	June 26	4035	864	122	2771
Alarm system and apparatus.	J. M. Latimer.	819,231	May 1	396	84	122	93
Alarm-system apparatus.	R. F. Spamer.	831,634	Sept. 25	3499	734	124	973
Album and case therefor.	F. Voegel.	836,418	Nov. 20	3021	640	125	844
Album for collecting post-cards.	H. Quensel.	823,291	June 12	2161	451	122	2248
Album. Memorial.	W. F. Albrecht and S. A. Ghent.	839,251	Dec. 25	3911	841	125	2453
Albumen from vegetable substances. Extracting	F. W. Gaertner.	813,373	Feb. 20	3701	814	120	2378
Alcohol-burner.	J. H. Ernst.	813,783	Feb. 27	4515	997	120	2615
Alcohol-burner.	J. H. Ernst.	821,406	May 22	4880	1036	122	1265
Alcohol from liquor casks and barrels. Apparatus for recovering waste	T. H. Naughton.	815,463	Mar. 20	2994	624	121	760
Alcohol from liquor casks and barrels. Recovering waste	T. H. Naughton.	815,464	Mar. 20	2997	624	121	760
Alcohol. Making wood-	H. O. Chute.	824,906	July 3	463		123	123
Alcohols and their derivatives. Producing aromatic.	C. Mettler.	815,548	Mar. 20	3151		121	793
Alcohols. Production of aromatic	C. Mettler.	815,193	Mar. 13	2399		121	581
Alcoholic liquors. Receptacle for storing.	S. Shwayder.	818,478	Apr. 24	3832	824	121	2360
Alcoholic spirits. Producing	G. W. Palmer.	825,342	July 10	1307		123	359
Aldehydes. Manufacture of certain.	G. Darzens.	830,213	Sept. 4	638		124	162
Ale and beer casks. Apparatus for maintaining air- pressure in	E. R. Brown.	828,270	Aug. 7	1135	238-9	123	1947
Alkali. Making caustic	H. S. Blackmore.	809,089	Jan. 2	940	195	120	208
Alkali-metal oxides. Making	G. W. Meiser.	828,759	Aug. 14	2133		123	2230
Alkali. Producing caustic	H. S. Blackmore.	809,088	Jan. 2	936	195	120	207
Alkalies and zinc sulfid. Manufacturing caustic	C. Ranson.	818,192	Apr. 17	3286	703	121	2191
Alkaline bicarbonates. Manufacturing	J. G. Behrens.	835,771	Nov. 13	1749		125	484
Alkaline process. Mercurial.	W. E. Harmon.	814,692	Mar. 13	1410		121	368
Alkamin ester.	F. Stolz and B. Reuter.	820,830	May 15	3659		122	933
Alkamin ester.	F. Stolz and G. Korndörfer.	828,070	Aug. 7	767		123	1860
Alkamin ester.	F. Stolz and G. Korndörfer.	828,071	Aug. 7	767		123	1860
Alkamins. Making	E. Fournau.	828,846	Aug. 14	2303		123	2274
Alkyl-oxyacetyl-cyanamid and making same.	A. H. C. Heitmann and E. C. Clemmensen.	814,693	Mar. 13	1411		121	368
Alkylaminoacetypyrocatechol and making same.	F. Stolz.	815,653	Mar. 20	3357		121	839

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Alkylaminomethylpentyl benzoate	T. Emilewicz	837,899	Dec. 4	1224		125	1658
Alkyloxyacetyl compound of pyrocatechinmonoethyl ether.	R. Berendes	822,339	June 5	227		122	1775
Alloy	W. B. Driver	824,103	June 26	3707		122	2700
Alloy	C. H. Birmingham	824,618	June 26	4744		122	2922
Alloy	G. F. Allen	834,099	Oct. 23	4411		124	2416
Alloy	G. F. Allen	839,444	Dec. 25	4291		125	2545
Alloy. Copper.	G. Chaudoir, Jr.	820,954	May 22	3940		122	1057
Alloy for bearings	H. Kreusler	831,357	Sept. 18	2931		124	792
Alloy. Magnetic	R. A. Hadfield	836,756	Nov. 27	3722		125	1052
Alloy. Magnetic	R. A. Hadfield	836,758	Nov. 27	3723		125	1052
Alloy of iron and hydrogen agglomerated in strong coherent bodies. Production of articles of	G. W. Gesner	815,419	Mar. 20	2920	606	121	744
Alloy of iron and hydrogen and producing the same.	A. Bontempi	835,495	Nov. 13	1236		125	354
Article of							
Alloy of iron and steel. Self-hardening.	J. Churchward	832,773	Oct. 9	1522		124	1619
Alloy. Pyrophoric	C. A. von Welsbach	837,017	Nov. 27	4254		125	1181
Alloy. Steel.	A. de Dion and G. Bouton	836,567	Nov. 20	3304		125	913
Alloys. Improving the magnetic qualities of iron-silicon	R. A. Hadfield	836,754	Nov. 27	3720		125	1052
Alloys. Improving the magnetic qualities of iron-silicon-aluminum	R. A. Hadfield	836,497	Nov. 20	3170		125	882
Alloys. Improving the magnetic qualities of iron-silicon-aluminum	R. A. Hadfield	836,762	Nov. 27	3725		125	1052
Alloys. Improving the magnetic qualities of iron-silicon-manganese	R. A. Hadfield	836,757	Nov. 27	3722		125	1052
Alloys. Improving the magnetic qualities of iron-silicon-manganese	R. A. Hadfield	837,682	Dec. 4	814		125	1556
Alloys. Manufacture of nickel-copper	A. Monell	811,239	Jan. 30	5346		120	1321
Alloys. Manufacturing zinc	P. and A. Gührs	824,644	June 26	4789		122	2932
Alloys. Producing low-carbon ferro	E. F. Price	825,348	July 10	1316	277	123	361
Alternator. Inductor-	C. A. Kelsey	831,442	Sept. 18	3090	654-5	124	832
Alternator. Inductor-	D. B. Rushmore	831,475	Sept. 18	3151	667	124	848
Alternators. Method and apparatus for testing	B. A. Bohrend	836,359	Nov. 20	2893	614	125	814
Alumina. Calcination of hydrated	A. R. Pechiney	811,433	Jan. 30	5708		120	1397
Alumina. Manufacturing	H. C. Peffer	826,354	July 17	3368		123	883
Aluminum. Granulating	W. Hoskins	812,493	Feb. 13	1959	431	120	1966
Amalgam carrier and plugger	H. W. Arthur	830,872	Sept. 11	1969	413	124	527
Amalgam-trap.	C. F. Hawley	837,829	Dec. 4	1087	242	125	1624
Amalgamating	H. A. Thomas	814,814	Mar. 13	1644	345	121	418
Amalgamator	D. Draper and G. A. Hay	813,780	Feb. 27	4506	996	120	2613
Amalgamator	W. H. Morgan	816,243	Mar. 27	4576	974	121	1153
Amalgamator	C. E. Gard and J. W. Lynn	820,189	May 8	2376	516	122	591
Amalgamator	A. G. Macdonell	821,108	May 22	4269	908-9	122	1128
Amalgamator	D. McKelvey	835,457	Nov. 6	1164	251-2	125	292
Amalgamator. Mercurial	B. Baldwin	823,577	June 19	2729	577-8	122	2428
Amalgamator. Placer-	W. H. Morgan	835,195	Nov. 6	642	132	125	163
Amber. Utilizing waste	H. Thiemann	839,336	Dec. 25	4075		125	2493
Amino alcohol. Preparation of	E. Fourneau	829,262	Aug. 21	3186		123	2530
Amino-alkylesters. Producing	E. Fourneau	829,374	Aug. 21	3416		123	2585
Ammeter. Pocket-	H. Poehn and M. Juruick	839,637	Dec. 25	4694	1002	125	2642
Ammonia and caustic alkali. Producing	G. E. Cassel	830,299	Sept. 4	809		124	203
Ammonia-condenser and oil-trap device	J. Levey	839,303	Dec. 25	4010	801	125	2476
Ammonia from gas. Recovering	E. J. Duff	820,039	May 8	2076	452-3	122	526
Ammonia from gases. Extracting	R. Brunck	824,092	June 26	3694	787	122	2696
Ammonia from gases. Extracting	R. Brunck	825,297	July 10	1212	256	123	334
Ammonia-gas compressor	W. P. Stevens	839,331	Dec. 25	4067	873	125	2491
Ammonia. Producing	J. A. Lyons and E. C. Broadwell	816,928	Apr. 3	762	157	121	1528
Ammonia. Regenerating and purifying of	L. Werliin	824,459	June 26	4424	940	122	2851
Ammonia-vaporizer	J. Robson	816,743	Apr. 3	373	86-7	121	1442
Ammonium nitrate. Production of	W. Feld	839,741	Dec. 25	4903		125	2695
Ammunition. Fixed	O. E. J. Brubaker	819,634	May 1	1176	257	122	264
Ammunition-hoisting mechanism	J. F. Meigs and R. P. Stout	809,455	Jan. 9	1724	355-6	120	412
Ammunition-package	W. Mayer	808,854	Jan. 2	447	98	120	99
Ammunition-wagon. Tilting	W. Mayer	808,855	Jan. 2	448	99	120	100
Amusement apparatus	E. S. Timmons	809,589	Jan. 9	1980	411	120	466
Amusement apparatus	S. M. Friede	809,937	Jan. 16	2652	548	120	668
Amusement apparatus	F. J. McCabe	811,315	Jan. 30	5489	1144	120	1351
Amusement apparatus	O. Roberts	812,595	Feb. 13	2176	475	120	2009
Amusement apparatus	C. C. Dean	816,220	Mar. 27	4537	963	121	1145
Amusement apparatus	O. M. Connelly	816,435	Mar. 27	4995	1060-1	121	1241
Amusement apparatus	C. A. Carlson and D. H. Haywood	817,156	Apr. 10	1200	250-1	121	1699
Amusement apparatus	C. I. Matson	817,381	Apr. 10	1644	348	121	1781
Amusement apparatus	W. H. Strickler	817,402	Apr. 10	1697	358-9	121	1791
Amusement apparatus	F. H. Dickson	818,079	Apr. 17	3053	658	121	2139
Amusement apparatus	F. J. Johnston	820,118	May 8	2239	487	122	562
Amusement apparatus	C. D. Bunnell	820,346	May 8	2672	584	122	658
Amusement apparatus	T. A. and T. H. Fulton	821,409	May 22	4883	1037	122	1265
Amusement apparatus	J. H. Maguire	824,305	June 26	4094	875-6	122	2783
Amusement apparatus	J. Jürgens	825,139	July 3	876	184-5	123	232
Amusement apparatus	L. A. Thompson	828,689	Aug. 14	1997	422	123	2196
Amusement apparatus	F. W. Thompson	830,853	Sept. 11	1941	407	124	520
Amusement apparatus	L. B. May	834,016	Oct. 23	4229	897	124	2373
Amusement apparatus	E. A. Lynde	834,389	Oct. 30	5021	1063	124	2617
Amusement apparatus	C. F. Ritchel	835,638	Nov. 13	1518	324	125	428
Amusement apparatus	G. Hyde	836,260	Nov. 20	2712	577	125	771
Amusement apparatus	C. L. Barnhart	836,799	Nov. 27	3811	812	125	1077
Amusement apparatus	C. P. Beisel	838,071	Dec. 11	1598	343	125	1795
Amusement apparatus	G. C. Plummer	838,137	Dec. 11	1743	373-4	125	1832
Amusement apparatus	E. S. Timmons	838,797	Dec. 18	3010	650	125	2185
Amusement apparatus	S. J. Hart	838,989	Dec. 18	3337	722	125	2262
Amusement apparatus. Aquatic.	R. A. Fowden	824,107	June 26	3715	793-4	122	2702
Amusement apparatus. Public-	B. De Mantz	833,921	Oct. 23	3913	829	124	2300
Amusement device.	T. Wirth	808,796	Jan. 2	347	75	120	77
Amusement device.	C. H. Jaeger	809,956	Jan. 16	2697	556	120	677
Amusement device.	E. Keen and R. F. Ayers	811,775	Feb. 6	449	97	120	1584

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Amusement device.....	E. S. Benedict.....	811,998	Feb. 6	954	208	120	1683
Amusement device.....	P. M. Maloney.....	812,577	Feb. 13	2142	469-70	120	2003
Amusement device.....	T. C. Hurst.....	812,848	Feb. 20	2655	581-2	120	2153
Amusement device.....	A. Dalton.....	813,953	Feb. 27	4849	1070-1	120	2686
Amusement device.....	M. Stoltz.....	817,401	Apr. 10	1696	358	121	1790
Amusement device.....	C. F. Hartway.....	817,556	Apr. 10	2013	424	121	1855
Amusement device.....	W. F. Mangels.....	820,805	May 15	3598	770	122	921
Amusement device.....	H. H. Pattee.....	826,738	July 24	4188	869-70	123	1110
Amusement device.....	W. N. Haslett.....	829,008	Aug. 21	2628	554	123	2385
Amusement device.....	R. Repp.....	830,004	Sept. 4	179	31-2	124	43
Amusement device.....	F. Ingersoll.....	830,838	Sept. 11	1910	399-402	124	512
Amusement device.....	E. H. Lanier.....	831,012	Sept. 11	2219	469	124	586
Amusement device.....	E. A. Faller.....	831,149	Sept. 18	2527	533	124	689
Amusement device.....	A. Mercer.....	832,800	Oct. 9	1580	324	124	1632
Amusement device.....	S. Gottlieb.....	832,965	Oct. 9	1903	397	124	1709
Amusement device.....	O. Henrichsen.....	834,055	Oct. 23	4311	916	124	2392
Amusement device.....	O. Henrichsen.....	835,424	Nov. 6	1109	239-40	125	279
Amusement device.....	A. Boeck and J. Müller.....	836,556	Nov. 20	3286	701	125	910
Amusement device.....	H. N. Ridgway.....	836,708	Nov. 27	3613	770	125	1022
Amusement device.....	D. J. B. Caffodio.....	837,189	Nov. 27	4591	974	125	1265
Amusement device.....	A. Have.....	838,539	Dec. 18	2526	546	125	2068
Amusement or advertising device.....	C. T. Bradshaw and O. M. Thom- son.....	834,707	Oct. 30	5637	1195	124	2774
Amusement-vehicle.....	H. H. Pattee and C. L. Duenkel.....	815,211	Mar. 13	2443	509-10	121	592
Amusement-vehicle. Spherical.....	H. H. Pattee.....	815,210	Mar. 13	2439	508-9	121	591
Anatomical brace for the cure of flat foot.....	G. E. Buell.....	833,120	Oct. 9	2193	462	124	1784
Anchor.....	H. O. Dunn.....	810,924	Jan. 30	4724	986	120	1186
Anchor.....	O. Hile and C. Roocke.....	815,588	Mar. 20	3217	677	121	808
Anchor.....	O. George and P. Smith.....	816,857	Apr. 3	615	129	121	1495
Anchor.....	W. L. Adams.....	822,420	June 5	368	76	122	1806
Anchor.....	C. E. Cook.....	825,587	July 10	1856	393	123	495
Anchor.....	F. S. Manton.....	828,757	Aug. 14	2130	451	123	2230
Anchor.....	F. B. Langston.....	835,223	Nov. 6	693	143	125	176
Anchor.....	W. W. Wilkinson.....	836,231	Nov. 20	2637	555	125	752
Anchor. Earth.....	G. F. Swortfager.....	809,032	Jan. 2	802	173	120	177
Anchor. Earth.....	E. C. and H. Holden.....	809,374	Jan. 9	1543	313	120	374
Anchor for air-ships.....	D. Thomas.....	826,908	July 24	4526	942	123	1196
Anchor for guy-wires.....	J. Blackburn.....	812,003	Feb. 6	533	210	120	1685
Anchor for guy-wires.....	C. D. Enoch.....	829,578	Aug. 28	3864	820	123	2743
Anchor. Ground.....	W. J. Gallagher.....	836,678	Nov. 27	3544	756	125	1006
Anchor. Guy.....	L. D. Pitheer.....	810,807	Jan. 23	4467	928	120	1096
Anchor. Guy.....	C. J. Widmer.....	816,631	Apr. 3	173	37	121	1400
Anchor-hook, guy-clamp, and guy-stretcher. Com- bined.....	G. F. Swortfager.....	813,182	Feb. 20	3321	730	120	2299
Anchor. Land.....	W. E. Cissna.....	817,044	Apr. 3	988	202	121	1578
Anchor. Land.....	G. D., Jr., R. H., and H. T. Toy.....	818,061	Apr. 17	3012	652	121	2131
Anchor-plate.....	C. Thompson.....	826,909	July 24	4528	942	123	1196
Anchor-post.....	R. Witte.....	809,879	Jan. 9	2526	524	120	589
Anchor. Stockless.....	G. W. Bowen.....	822,097	May 29	6214	1325	122	1618
Anchoring device.....	F. W. Gartrell.....	830,428	Sept. 4	1068	223	124	264
Anesthetic holding and dispensing apparatus.....	J. R. Maxfield and S. B. Maupin.....	831,728	Sept. 25	3696	773	124	1029
Anesthetics. Apparatus for administering.....	H. W. Wolfe.....	837,171	Nov. 27	4560	968	125	1257
Anesthetics. Apparatus for administering liquid.....	J. A. Hollenberger.....	827,910	Aug. 7	414	89	123	1773
Anesthetics. Mask for administering.....	A. Rousseau.....	818,123	Apr. 17	3138	675	121	2158
Andiron.....	J. T. McLain.....	809,975	Jan. 16	2736	563	120	686
Andiron.....	P. E. Leveritt.....	822,743	June 5	1030	211	122	1954
Angle-finder or roof-form. Carpenter's.....	G. W. White.....	828,792	Aug. 14	2199	467	123	2247
Angle-iron-bending machine.....	W. Vollmer.....	811,975	Feb. 6	886	195	120	1669
Angle-sawing mechanism.....	P. A. Millet and A. M. Powell.....	822,291	June 5	135	26-7	122	1758
Angles. Adjustable tool for constructing.....	J. V. Petrusich.....	834,638	Oct. 30	5498	1167	124	2739
Animal-breaking apparatus.....	L. Hoover.....	825,970	July 17	2625	545	123	702
Animal-call.....	J. Brunner.....	813,853	Feb. 27	4660	1031	120	2647
Animal-chase.....	W. M. Elder and C. W. Turner.....	816,081	Mar. 27	4272	905	121	1089
Animal-cleaving machine.....	J. Zerfas.....	836,910	Nov. 27	4041	863-4	125	1131
Animal-extermiator.....	E. P. Turner.....	829,610	Aug. 28	3933	833	123	2759
Animal-head.....	B. Cohen.....	832,456	Oct. 2	880	169	124	1424
Animal-head. Artificial.....	F. Frankl.....	827,357	July 31	5446	1132	123	1438
Animal or fish trap.....	W. Gabrielson.....	820,640	May 15	3252	699	122	845
Animal-releasing device.....	J. W. Ross.....	825,352	July 10	1324	279	123	363
Animal-releasing device.....	W. A. Irwin.....	828,660	Aug. 14	1937	408-9	123	2180
Animal-releasing mechanism.....	J. A. Taylor.....	820,270	May 8	2536	549	122	628
Animal-shears.....	S. Robinson.....	812,882	Feb. 20	2724	599	120	2169
Animal-shears.....	H. S. Burley.....	814,113	Mar. 6	220	43	121	48
Animal-shears.....	J. D. Scovel.....	817,524	Apr. 10	1946	411	121	1843
Animal-shears.....	H. R. Boettcher.....	832,836	Oct. 9	1655	341	124	1649
Animal-sling.....	G. B. Buckingham.....	833,119	Oct. 9	2195	461	124	1783
Animal-tail holder.....	W. G., W. B., and J. L. Powell.....	839,195	Dec. 25	3805	821	125	2425
Animal tissues. Preserving.....	C. E. Calm.....	832,180	Oct. 2	327	.....	124	1292
Animal-trap.....	G. J. Miller.....	809,203	Jan. 2	1143	237	120	251
Animal-trap.....	F. Ballentine.....	810,518	Jan. 23	3925	807	120	979
Animal-trap.....	J. C. Alsobrook.....	812,472	Feb. 13	1914	422	120	1956
Animal-trap.....	J. H. Tharp.....	813,333	Feb. 20	3627	795	120	2362
Animal-trap.....	G. M. Myers.....	814,066	Mar. 6	129	25	121	29
Animal-trap.....	J. Walker and B. M. Frederick.....	815,663	Mar. 20	3371	705	121	842
Animal-trap.....	J. D. Kittrell.....	816,102	Mar. 27	4308	912	121	1096
Animal-trap.....	C. C. Spung.....	816,394	Mar. 27	4923	1046	121	1227
Animal-trap.....	J. J. Swint.....	816,398	Mar. 27	4929	1048	121	1228
Animal-trap.....	C. F. Nelson.....	816,814	Apr. 3	519	113	121	1472
Animal-trap.....	E. Firnhaber.....	818,239	Apr. 17	3382	726	121	2209
Animal-trap.....	T. A. Davis.....	818,357	Apr. 17	3602	772	121	2255
Animal-trap.....	R. L. Stringfellow.....	819,255	May 1	437	92	122	102
Animal-trap.....	P. Armstrong.....	819,838	May 8	1610	342	122	423
Animal-trap.....	W. C. Hooker.....	821,802	May 29	5664	1207	122	1494
Animal-trap.....	S. G. Ewen, Jr.....	822,835	June 5	1199	246	122	1990
Animal-trap.....	M. Krofft.....	823,126	June 12	1812	373	122	2170
Animal-trap.....	M. E. Mixson.....	823,736	June 19	3027	640	122	2493

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Animal-trap	G. A. Jones	824,246	June 26	3999	856	122	2763
Animal-trap	A. A. Kellogg	826,942	July 24	4576	952	123	1208
Animal-trap	J. J. Crowson	827,215	July 31	5182	1075-6	123	1375
Animal-trap	C. T. Owens	828,139	Aug. 7	892	184	123	1891
Animal-trap	W. C. Hooker	829,338	Aug. 21	3338	703	123	2567
Animal-trap	W. H. Sheridan	829,607	Aug. 28	3929	832	123	2758
Animal-trap	J. Bean	829,688	Aug. 28	4101	869	123	2800
Animal-trap	J. W. Rogers	830,177	Sept. 4	548	112	124	139
Animal-trap	L. Westgaard	830,693	Sept. 11	1643	337	124	443
Animal-trap	J. Campbell	831,037	Sept. 18	2283	482	124	636
Animal-trap	H. S. Stick	833,562	Oct. 16	3127	664	124	2061
Animal-trap	R. J. Scott	834,415	Oct. 30	5066	1074	124	2627
Animal-trap	H. F. Harfst	835,521	Nov. 13	1284	275	125	369
Animal-trap	M. J. E. Thorer	835,874	Nov. 13	1944	411-12	125	531
Animal-trap	G. A. Graves and D. W. Kelley	836,319	Nov. 20	2825	600	125	800
Animal-trap	O. Schneekloth	837,511	Dec. 4	454	104	125	1469
Animal-trap	J. Aschenbrenner	839,448	Dec. 25	4295	919	125	2546
Animals. Voice attachment for artificial	G. Wessell	836,351	Nov. 20	2884	612	125	812
Ankle-brace	C. M. Stevens	839,223	Dec. 25	3861	830	125	2439
Ankle brace and supporter	A. R. Garrod	830,894	Sept. 11	2004	422	124	536
Ankle-corset	G. Krieger	832,613	Oct. 9	1207	243	124	1544
Annealing apparatus	J. J. Tynan	815,569	Mar. 20	3184	669	121	800
Annealing-box	J. J. Markey	812,943	Feb. 20	2846	628	120	2197
Annealing metal	W. R. Eaches	808,911	Jan. 2	577	120	126	
Annealing or malleablizing oven	W. L. Casaday and A. Bergman	813,483	Feb. 27	3932	863	120	2489
Annunciator	A. Carliss	808,723	Jan. 2	202	43	120	46
Annunciator	W. R. Horning	811,063	Jan. 30	4980	1039	120	1242
Annunciator	H. M. Olsen	811,083	Jan. 30	5013	1047	120	1249
Annunciator	J. A. Wotton	813,931	Feb. 27	4814	1062	120	2679
Annunciator apparatus	F. J. Brine	828,376	Aug. 14	1380	291	123	2037
Annunciator. Automatic car	D. H. Marshall	829,080	Aug. 21	2785	586	123	2428
Annunciator-drop	C. E. Scribner	812,954	Feb. 20	2869	634	120	2202
Annunciator. Train	E. A. Everett	835,605	Nov. 13	1454	311	125	411
Anode	L. Levett	813,048	Feb. 20	3042	670	120	2238
Anode	J. Nelson	830,918	Sept. 11	2050	431	124	546
Anode-support	F. F. H., and W. A. Engelhard	825,591	July 10	1862	394	123	496
Anthracene compound and making same	O. Bally and H. Wolff	809,893	Jan. 9	2550	120	594	
Anthracene compound and making same	O. Bally and H. Wolff	809,894	Jan. 9	2552	120	594	
Anthracene derivative and making same	M. H. Isler	831,002	Sept. 11	2199	124	582	
Anthraquinone compound and making same	M. H. Isler	814,137	Mar. 6	268	121	59	
Anthraquinone aldehyde and making same	M. H. Isler	828,741	Aug. 14	2106	123	2224	
Anti-interfering device	I. C. Mosher and J. S. Beatty	839,406	Dec. 25	4212	902	125	2525
Anticreeper	C. Lien	816,926	Apr. 3	757	156	121	1526
Anticreeper device	J. R. Leighty	809,193	Jan. 2	1124	234	120	248
Antifriction device	J. S. Rogers	833,635	Oct. 16	3287	698-9	124	2098
Antijouncing appliance	F. A. Law	837,855	Dec. 4	1138	253	125	1637
Antikicking attachment	F. J. Brady	810,520	Jan. 23	3927	808	120	979
Antilubricant-throwing device	E. A. Barnes	822,238	June 5	13	3-4	122	1731
Antiseptic compounds. Making solidified	D. Genese	809,795	Jan. 9	2380	492	120	555
Antitoxin for fatigue and making the same	W. Weichardt	809,347	Jan. 9	1488	120	363	
Anvil	J. H. Green	826,499	July 17	3697	766	123	972
Anvil attachment	O. F. Heer and J. Gamber	825,126	July 3	867	182	123	230
Apartment-closure and stove-fixtue. Combination	W. C. James	825,840	July 10	2390	498	123	630
Apparel. Infant's	E. S. Dix	828,390	Aug. 14	1404	296-7	123	2044
Apparel-pad	H. W. Thompson	817,020	Apr. 3	949	195	121	1569
Apparel-securing device	L. W. Ashley	833,909	Oct. 23	3888	824-5	124	2293
Apparel. Wearing	H. E. Brown	815,329	Mar. 20	2711	565	121	697
Apparel. Wearing	W. J. Clayton	834,889	Nov. 6	24	5	125	9
Apple-box press	W. L. Goyett	814,954	Mar. 13	1888	397	121	468
Apron	W. H. Hatton	823,777	June 19	3112	659	122	2512
Apron or belt guide. Automatic	W. J. Asher	813,995	Feb. 27	4932	1091	120	2703
Apron slat. Endless	E. F. Fatzinger	820,632	May 15	3242	697	122	843
Aprons. Automatic guide for endless	A. Bess	824,059	June 19	3640	775	122	2627
Arbor	J. Cooper	811,276	Jan. 30	5419	1130	120	1337
Arbor. Friction	P. P. Nungesser	822,467	June 5	457	92	122	1825
Arbors. Holder for main-wheel	C. E. Berry	834,705	Oct. 30	5634	1195	124	2773
Arch	R. Schneider	811,251	Jan. 30	5371	1121	120	1327
Arch-centering	L. Schuller	808,951	Jan. 2	651	142	120	143
Arch construction	A. B. Foans	824,636	June 26	4776	1017-18	122	2929
Arch-prop	J. W. Arrowsmith	815,897	Mar. 20	3892	823	121	953
Arch-prop	J. W. Arrowsmith. (Reissue)	12,585	Dec. 25	5011	1070	125	2720
Arch. Reinforced terra-cotta	J. Comerma	835,663	Nov. 13	1557	333	125	436
Arch structure	D. B. Luten	818,386	Apr. 17	3660	786	121	2268
Arch-supporter	A. E. Little	822,138	May 29	6291	1340	122	1635
Areometer	E. V. Beals	818,601	Apr. 24	4111	883-4	121	2419
Arm-rest	S. Kline	828,670	Aug. 14	1958	412	123	2186
Armature	F. M. Vogel	825,252	July 3	1116	237	123	291
Armature-coils. Former for	W. H. Foot	838,017	Dec. 11	1462	316	125	1761
Armature-coils. Frame for winding	L. R. R. De Planque and J. Biggerstaff	823,265	June 12	2113	440	122	2239
Armature. Ventilated	J. F. McElroy	831,625	Sept. 25	3463	728	124	963
Armature-winding	C. P. Steinmetz	820,997	May 22	4053	862	122	1081
Armature-winding machine	P. E. Oswald	831,740	Sept. 25	3714	777	124	1034
Armor-plate	E. Gathmann	826,562	July 24	3848	796-7	123	1024
Armor-plate. Making	J. Strauss	815,985	Mar. 27	4049	856	121	1038
Armor-plates. Manufacture of	R. A. Hadfield	831,858	Sept. 25	3958	124	1093	
Artycle and vein expander	J. W. Manning	829,409	Aug. 28	3479	731	123	2647
Article-holding means	D. King	815,353	Mar. 20	2758	574	121	708
Asbestos. Treating	A. H. Hipple	828,114	Aug. 7	855	123	1882	
Ash and garbage can	C. Van Hoesen	824,891	July 3	430	83-4	123	117
Ash-pan	L. C. Schotto	812,370	Feb. 13	1716	377	120	1917
Ash-pan	E. L. Byar and M. L. Clopton	828,710	Aug. 14	2038	430	123	2206
Ash-pan	L. W. Myers	834,630	Oct. 30	5484	1164	124	2734
Ash-pan and adjustable hopper for the same. Collapsible	E. A. Bagby	836,002	Nov. 13	2161	463	125	582
Ash-pit	S. T. McKnight	826,348	July 17	3352	693	123	880

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Ash-pit door.....	A. E. Johnson.....	828,118	Aug. 7	860	177	123	1883
Ash-receptacle. Pocket.....	L. D. Richardson.....	820,067	May 8	2142	466	122	541
Ash shovel and sifter. Combination.....	D. Stamey.....	832,634	Oct. 9	1244	251	124	1553
Ashes and clinkers from steamships. Apparatus for removing.....	G. C. Ralston.....	819,312	May 1	560	119-20	122	129
Asphalt-cutting mechanism.....	J. C. Mertens.....	832,919	Oct. 9	1820	376	124	1690
Asphalt screen and storage bin.....	F. A. Hetherington.....	816,229	Mar. 27	4550	967	121	1148
Assembler-slide brake.....	L. F. Smyth.....	815,651	Mar. 20	3354	702	121	838
Assembling apparatus.....	N. Marshall.....	821,946	May 29	5933	1263-5	122	1553
Assembling apparatus.....	N. Marshall.....	822,213	May 29	6440	1368	122	1670
Assembling apparatus.....	N. Marshall.....	826,179	July 17	3027	628	123	802
Assembling apparatus. Jig for.....	N. Marshall.....	822,214	May 29	6442	1368	122	1670
Assembling device.....	H. Y. B. Duff.....	828,391	Aug. 14	1405	297	123	2044
Assorting apparatus.....	F. F. Backstrom.....	835,805	Nov. 13	1827	385-6	125	505
Asymmetric cell.....	M. Büttner.....	809,770	Jan. 9	2334	483	120	545
Atomizer.....	W. H. Wood.....	814,820	Mar. 13	1659	347	121	421
Atomizer.....	L. Q. Gurnee.....	816,656	Apr. 3	232	54	121	1411
Atomizer.....	C. J. Davol.....	830,889	Sept. 11	1995	419	124	534
Atomizer.....	A. C. Eggers.....	835,882	Nov. 13	1963	416	125	534
Atomizer.....	E. C. Dunning.....	836,442	Nov. 20	3082	653	125	858
Atomizer.....	F. S. Dickinson.....	838,960	Dec. 18	3293	712	125	2252
Atomizer and like instrument.....	F. C. Dormont.....	828,722	Aug. 14	2063	434	123	2212
Atomizer and like instrument.....	F. C. Dormont.....	839,085	Dec. 18	3538	766	125	2316
Atomizer. Coin-controlled.....	P. A. Dunn.....	817,231	Apr. 10	1357	285-6	121	1720
Atomizer or nebulizer.....	F. C. Dormont.....	815,411	Mar. 20	2907	603	121	740
Atomizers. Air-pressure-supply apparatus for.....	C. E. Campbell.....	834,185	Oct. 23	4593	974	124	2465
Audiophone. Pocket.....	E. W. Schneider.....	828,292	Aug. 7	1204	250	123	1966
Auger-bit.....	J. Stein.....	809,856	Jan. 9	2488	517	120	580
Auger-bit.....	J. T. Parker.....	825,479	July 10	1617	337	123	439
Auger-bit.....	A. N. Webb.....	835,125	Nov. 6	507	102	125	131
Auger-bit knife.....	F. T. Wyckoff.....	811,351	Jan. 30	5561	1160	120	1367
Auger. Earth.....	C. L. Tuttle.....	833,354	Oct. 16	2701	569	124	1961
Auger. Earth.....	G. Frank.....	838,614	Dec. 18	2666	572	125	2101
Auger. Post-hole.....	F. G. Hertzog.....	812,744	Feb. 13	2448	537	120	2063
Auger. Post-hole.....	J. M. Derryberry.....	819,739	May 8	1398	301	122	373
Autographic register.....	A. Krauth.....	824,185	June 26	3863	824	122	2735
Autographic register.....	P. Hano.....	831,949	Sept. 25	4147	864	124	1140
Autographic register.....	A. Krauth.....	839,299	Dec. 25	4002	859	125	2474
Automatic alarm.....	I. Filson.....	836,377	Nov. 20	2929	622	125	823
Automatic brake.....	G. W. Shem.....	810,227	Jan. 16	3273	678	120	797
Automatic brake.....	C. Klaus.....	819,287	May 1	511	107-8	122	118
Automatic carrier.....	S. H. Libby.....	816,484	Mar. 27	5093	1080	121	1262
Automatic carrier and self-dumping device.....	M. J. Sylstad and C. G. Rude.....	810,586	Jan. 23	4057	835	120	1006
Automatic digger and conveyor.....	F. H. Stauch.....	820,829	May 15	3657	731	122	953
Automatic door-closing device.....	F. Hudson.....	826,574	July 24	3871	800-1	123	1029
Automatic gate.....	C. W. Marsh.....	828,619	Aug. 14	1866	393	123	2164
Automatic gate.....	C. McCluer.....	829,725	Aug. 28	4176	884	123	2817
Automatic gate.....	J. L. Manlove.....	831,963	Sept. 25	4171	870	124	1147
Automatic gate and door.....	R. R. Williams.....	819,831	May 8	1596	339-40	122	420
Automatic-lighting burner.....	H. Lyon.....	835,138	Nov. 6	539	110	125	138
Automatic lock.....	F. K. Heupel.....	835,426	Nov. 6	1118	241	125	281
Automatic lubricator.....	J. Meehan.....	828,327	Aug. 14	1292	273	123	2015
Automatic mixer and distributor.....	A. N. Somers.....	811,749	Feb. 6	397	87	120	1573
Automatic press.....	H. A. Herr.....	819,996	May 8	1961	434-5	122	497
Automatic regulator.....	G. A. Gustafson.....	839,134	Dec. 25	3684	794	125	2398
Automatic signal.....	W. A. True.....	827,947	Aug. 7	509	104	123	1798
Automatic sprinkler.....	E. V. Smith.....	813,061	Feb. 20	3084	676	120	2249
Automatic sprinkler.....	E. L. Thompson.....	824,453	June 26	4407	937	122	2846
Automatic sprinkler.....	R. W. Gertz.....	825,453	July 10	1567	324	123	428
Automatic sprinkler.....	J. H. Dixon.....	838,963	Dec. 18	3298	713	125	2254
Automatic switch.....	C. F. Adams.....	815,397	Mar. 20	2874	597-8	121	733
Automatic switch.....	G. Schmitz.....	826,366	July 17	3387	700	123	888
Automatic switch.....	H. Dennis.....	832,243	Oct. 2	462	86	124	1325
Automatically-operated switch.....	C. F. Eldridge.....	832,659	Oct. 9	1296	261	124	1565
Automobile.....	L. B. Gaylor.....	810,636	Jan. 23	4152	858	120	1028
Automobile.....	B. E. Hervey.....	812,129	Feb. 6	1183	259	120	1730
Automobile.....	H. Lemp.....	812,573	Feb. 13	2133	467	120	2002
Automobile.....	W. T. Penrose.....	813,058	Feb. 20	3080	675	120	2248
Automobile.....	F. M. Blair.....	813,541	Feb. 27	4046	886	120	2516
Automobile.....	C. Schmidt.....	815,045	Mar. 13	2096	440-1	121	512
Automobile.....	F. Pilain.....	815,735	Mar. 20	3537	742	121	878
Automobile.....	C. W. Duer.....	820,102	May 8	2213	481	122	556
Automobile.....	E. P. Brewer.....	821,154	May 22	4365	928	122	1151
Automobile.....	J. Spyker.....	822,784	June 5	1094	226	122	1968
Automobile.....	H. Lemp.....	825,276	July 3	1160	245	123	302
Automobile.....	L. R. Compton.....	827,058	July 24	4811	1002	123	1264
Automobile.....	B. B. Switzer.....	832,636	Oct. 9	1249	252	124	1554
Automobile.....	G. H. Browne.....	839,266	Dec. 25	3939	846-7	125	2459
Automobile air-brake.....	A. Winton and H. B. Anderson.....	833,992	Oct. 23	4164	883-4	124	2356
Automobile alarm-signal.....	M. A. Cook and J. Hafner.....	834,562	Oct. 30	5327	1131-2	124	2695
Automobile-bearing. Removable.....	C. S. Lockwood.....	837,414	Dec. 4	272	67	125	1424
Automobile-body.....	A. R. and F. S. Welch.....	809,655	Jan. 9	2123	440	120	496
Automobile carriages. Safety steering mechanism for.....	E. D. Cahen.....	814,586	Mar. 6	1170	244	121	253
Automobile-climber.....	S. E. Burke.....	825,300	July 10	1217	256	123	335
Automobile controlling mechanism.....	B. A. Gramm.....	823,522	June 19	2631	553	122	2408
Automobile driving mechanism.....	W. C. Price.....	819,377	May 1	701	147-8	122	159
Automobile dust-allayer.....	W. H. Parker.....	809,738	Jan. 9	2277	471	120	533
Automobile-engine suspension.....	A. C. Stewart.....	814,991	Mar. 13	1970	414	121	484
Automobile-extension canopy-frame.....	L. C. Shipley.....	822,634	June 5	813	165	122	1907
Automobile-fender.....	J. D. Parke.....	825,478	July 10	1616	337	123	439
Automobile-frame.....	A. R. and F. S. Welch.....	809,656	Jan. 9	2125	440	120	497
Automobile-frame.....	A. E. Schaaf and F. S. Davis.....	813,175	Feb. 20	3311	728	120	2297
Automobile-frame.....	A. B. Morse.....	835,547	Nov. 13	1335	287	125	380
Automobile front axle.....	F. C. Miller.....	811,076	Jan. 30	5002	1044	120	1247
Automobile headlight control.....	J. S. Detrick.....	823,163	June 12	1878	388	122	2185

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Automobile-hood.....	C. Wright.....	829,498	Aug. 28	3691	779	123	2699
Automobile-horns. Means for blowing.....	G. W. Lorimer.....	817,125	Apr. 3	1131	235	121	1612
Automobile locking device.....	A. Churchward.....	812,726	Feb. 13	2420	530	120	2057
Automobile-motor control.....	E. H. Anderson.....	811,533	Feb. 6	1	1	120	1485
Automobile-motors, &c. Lubricator for.....	J. F. McCanna.....	838,565	Dec. 18	2571	556	125	2079
Automobile-motors. Protective device for.....	A. Churchward.....	835,401	Nov. 6	1065	229	123	269
Automobile-operator's garment.....	E. Wenigmann.....	834,502	Oct. 30	5227	1109-10	124	2670
Automobile race-course.....	J. B. Thomas and J. Lynch.....	809,588	Jan. 9	1979	410-11	120	466
Automobile rear-light indicator.....	L. F. Murphy.....	832,147	Oct. 2	261	50	124	1276
Automobile-seat.....	W. H. Garnett.....	837,050	Nov. 27	4334	919	125	1201
Automobile sleigh.....	B. Beskow.....	831,820	Sept. 25	3868	810	124	1071
Automobile sleighing attachment.....	C. C. Dolan.....	815,910	Mar. 20	3914	828	121	957
Automobile speed-indicating mechanisms. Drive-gearing for.....	A. B. Cadman.....	837,188	Nov. 27	4588	973	125	1264
Automobile steering-check.....	H. Geisenhöner and D. Miller.....	822,268	June 5	84	17	122	1747
Automobile steering-check.....	H. Lemp.....	833,231	Oct. 16	2459	514	124	1898
Automobile steering-check.....	H. Lemp.....	833,232	Oct. 16	2461	515	124	1899
Automobile steering device.....	C. F. Jenkins.....	818,967	Apr. 24	4825	1038	121	2575
Automobile steering-gear.....	J. Warrington.....	813,186	Feb. 20	3328	731-2	120	2301
Automobile steering-gear.....	M. Harvey.....	833,718	Oct. 16	3447	735-6	124	2135
Automobile transmission system.....	J. Mélotte.....	829,413	Aug. 28	3486	733	123	2649
Automobile turn-table.....	H. R. Stickney.....	813,462	Feb. 27	3889	852	120	2478
Automobile vehicles. Driving-axle for.....	J. E. G. Denis and L. M. J. de Boisse.....	812,118	Feb. 6	1160	255	120	1724
Automobile-wheel.....	E. A. Wheeler and W. Heckert.....	811,112	Jan. 30	5072	1060	120	1261
Automobile-wheel.....	C. B. Kimball.....	816,666	Apr. 3	247	58	121	1414
Automobile-wheel.....	J. C. Higdon.....	822,665	June 5	868	178	122	1920
Automobile-wheel.....	A. J. Robertson.....	828,863	Aug. 14	2331	496	123	2280
Automobile-wheels. Traction attachment for.....	G. Adams.....	820,691	May 15	3361	720	122	866
Automobiles. Adjusting means for the clutch mechanisms of.....	D. F. Graham.....	825,206	July 3	1036	218	123	271
Automobiles and the like. Automatic circuit making and breaking device for.....	A. L. Riker.....	823,811	June 19	3168	670	122	2526
Automobiles. Antivibration device for.....	G. W. Bell.....	833,912	Oct. 23	3895	826	124	2295
Automobiles. Automatic air-brake apparatus for.....	F. Kalisch.....	811,507	Jan. 30	5828	1220	120	1422
Automobiles. Change-speed and reversing gear for.....	J. H., R. M., and C. E. Chambers.....	824,624	June 26	4753	1012-13	122	2924
Automobiles. Changeable-speed gearing for.....	W. A. Klingberg.....	828,749	Aug. 14	2120	448	123	2227
Automobiles. Device for recharging the storage batteries of.....	L. Lyndon.....	815,360	Mar. 20	2788	579-81	121	712
Automobiles. Frame for wind-shields for.....	J. C. Simm, Jr., and A. P. Olson.....	813,524	Feb. 27	4020	881	120	2509
Automobiles or the like vehicles. Means for signaling on.....	E. and G. Barbaroux.....	825,694	July 10	2114	440	123	563
Automobiles. Power-transmission mechanism for.....	F. J. Newman.....	833,478	Oct. 16	2973	631	124	2025
Automobiles. Power-transmitting mechanism for.....	L. P. Mooers.....	832,991	Oct. 9	1953	408	124	1721
Awl.....	G. L. Holt.....	829,154	Aug. 21	2964	620	123	2475
Awl and punch. Combined belt.....	P. I. Gonyea.....	831,945	Sept. 25	4135	861	124	1137
Awning.....	A. F. Winberg.....	808,963	Jan. 2	689	149	120	152
Awning.....	J. Malinofsky.....	813,103	Feb. 20	3162	691	120	2266
Awning.....	W. Scheu.....	819,381	May 1	709	150	122	161
Awning.....	F. A. Learned.....	820,214	May 8	2418	525	122	601
Awning.....	C. W. Russell.....	820,261	May 8	2521	546	122	624
Awning.....	A. Rippe.....	829,430	Aug. 28	3530	740	123	2660
Awning.....	B. Frank.....	829,772	Aug. 28	4282	906	123	2845
Awning, curtain, and the like fixture.....	A. Copeland.....	814,770	Mar. 13	1557	329	121	400
Awning-hood.....	S. H. Voorhees.....	827,483	July 31	5790	1201	123	1521
Awning sheave-block.....	W. G. Halkett.....	838,783	Dec. 18	2989	644	125	2180
Awning side attachment.....	W. Armstrong.....	823,096	June 12	1745	359	122	2156
Ax-edge protector.....	W. L. Marble.....	834,628	Oct. 30	5481	1163	124	2734
Ax. Folding.....	A. E. Veon.....	817,889	Apr. 17	2674	582	121	2054
Ax-handle wedge.....	L. F. Herzog.....	811,502	Jan. 30	5820	1218	120	1420
Ax holster and guard.....	J. G. Busch.....	810,614	Jan. 23	4116	850	120	1020
Ax-poll.....	C. A. Benton.....	825,887	July 17	2471	515	123	661
Axle.....	E. Einfeldt.....	815,582	Mar. 20	3207	674	121	806
Axle.....	E. Einfeldt.....	815,583	Mar. 20	3208	675	121	806
Axle.....	G. M. Smith.....	817,881	Apr. 17	2657	577	121	2051
Axle.....	S. H. and A. V. Nickerson.....	822,298	June 5	153	31	122	1762
Axle.....	H. M. Butler.....	825,108	July 3	832	173	123	220
Axle.....	H. E. Martin.....	828,621	Aug. 14	1868	393	123	2164
Axle.....	W. W. McGrew.....	836,131	Nov. 20	2445	514	125	705
Axle and skein. Vehicle.....	M. B. Corcoran.....	833,707	Oct. 16	3425	729-30	124	2130
Axle and wheel.....	T. E. Lambert.....	828,127	Aug. 7	874	180	123	1886
Axle and wheel structure. Combined car.....	L. P. Fertig.....	810,525	Jan. 23	3938	810	120	981
Axle attachment. Buggy.....	W. J. Dolan.....	836,568	Nov. 20	3305	704	125	913
Axle. Automobile driving.....	C. U. Haynes.....	834,574	Oct. 30	5358	1137	124	2702
Axle-bearings. Oil-retaining device for.....	H. B. Eareckson.....	824,918	July 3	485	95	123	130
Axle block. Vehicle.....	J. Muir.....	836,331	Nov. 20	2849	605	125	805
Axle-box.....	J. R. Fleming.....	813,962	Feb. 27	4867	1076	120	2689
Axle-box. Car.....	W. F. Richards.....	808,684	Jan. 2	117	27	120	28
Axle-box. Car.....	E. Denegre.....	828,845	Aug. 14	2301	491	123	2274
Axle-box cover.....	E. Denegre.....	817,753	Apr. 17	2371	509	121	1989
Axle-box lubricator.....	A. G. Elvin.....	818,021	Apr. 17	2944	636	121	2117
Axle-box. Railway-car.....	A. G. Elvin.....	818,022	Apr. 17	2946	636	121	2117
Axle-boxes. Manufacture of.....	H. Stütting.....	809,404	Jan. 9	1623	329-30	120	390
Axle boxes. Swing-bearing for car.....	E. W. M. Hughes.....	822,128	May 29	6276	1336	122	1632
Axle-brass replacer. Car.....	O. S. Pulliam.....	836,992	Nov. 27	4207	895	125	1171
Axle. Car.....	N. E. Finch and C. D. Brown.....	828,468	Aug. 14	1564	331	123	2085
Axle. Car.....	W. Hartill-Law.....	819,427	May 1	792	171	122	179
Axle. Car.....	O. Williams.....	837,167	Nov. 27	4554	966	125	1256
Axle for railway and other vehicles. Divided.....	A. C. Massey.....	829,881	Aug. 28	4500	949	123	2898
Axle gearing. Car.....	C. E. Felt.....	821,631	May 29	5307	1132	122	1414
Axle-lubricating device.....	W. G. Tatnall.....	822,085	May 29	6191	1320	122	1613
Axle-lubricator.....	C. H. Driver.....	812,552	Feb. 13	2098	460	120	1994
Axle-lubricator.....	E. Le Fever.....	815,842	Mar. 20	3786	798	121	930
Axle-lubricator.....	T. Hughes.....	819,281	May 1	502	106	122	116
Axle-lubricator.....	R. A. Mack.....	826,588	July 24	3903	808	123	1037
Axle-lubricator. Automatic.....	J. F. Fullum.....	834,289	Oct. 30	4823	1020	124	2567
Axle lubricator. Car.....	J. A. Kennedy.....	829,159	Aug. 21	2978	623	123	2478

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Axle mechanism. Vehicle-	H. Hill.....	813,424	Feb. 27	3814	836	120	2461
Axle. Metal.....	E. Einfeldt.....	808,735	Jan. 2	230	49-50	120	53
Axle. Metallic.....	H. M. Butler.....	815,678	Mar. 20	3407	711-12	121	852
Axle. Rotary.....	C. Faulkner.....	831,219	Sept. 18	2653	558	124	719
Axle. Safety car-truck.	B. S. Bowman.....	820,175	May 8	2350	512	122	585
Axle setter. Cold-	E. E. Kregel and W. G. McLennan	820,503	May 15	3010	647	122	791
Axle-skein and sand-collar.	T. R. McKnight.....	821,729	May 29	5518	1176-7	122	1459
Axle-spindle.....	T. Babbitt.....	830,955	Sept. 11	2112	446	124	560
Axle-spindle.....	H. A. Belcher.....	832,229	Oct. 2	438	81	124	1319
Axle. Steering-	H. Lemp.....	825,329	July 10	1281	270	123	351
Axle. Truck.....	C. E. Billin.....	832,360	Oct. 2	684	132	124	1377
Axle-truss.....	C. M. Haeske.....	809,297	Jan. 9	1380	280	120	339
Axle. Vehicle.....	O. Hunze.....	808,844	Jan. 2	428	94	120	95
Axle. Vehicle.....	C. H. Driver.....	819,128	May 1	191	38	122	48
Axle. Vehicle.....	M. W. Heyenga.....	820,112	May 8	2229	454-5	122	560
Axle. Vehicle.....	J. L. McFarlane.....	820,433	May 15	2858	622	122	756
Axle. Vehicle.....	R. H. Berkstresser.....	828,179	Aug. 7	970	200	123	1908
Axle. Vehicle.....	M. R. Bruner.....	832,034	Oct. 2	16	4	124	1217
Axle. Vehicle.....	J. W. Stanley.....	833,558	Oct. 16	3122	663	124	2060
Axles and bodies. Mechanism for connecting vehicle.	J. F. Byers.....	820,179	May 8	2359	513	122	587
Axles. Mechanism for transmitting power from car-	D. E. Johnson.....	814,293	Mar. 6	568	120-1	121	122
Axles. Steering-wheel spindle for vehicle-	J. B. Macduff.....	833,404	Oct. 16	2811	596	124	1987
Baby-chair.....	A. P. Perkins.....	822,472	June 5	465	94-5	122	1826
Baby-gate.....	C. McDonald.....	832,335	Oct. 2	643	122	124	1367
Baby holding and walking device.	P. T. Ritter.....	823,812	June 19	3170	670	122	2526
Baby-jumper.....	J. M. Nunamaker.....	821,116	May 22	4281	911	122	1131
Baby-jumper.....	G. C. Benner.....	838,072	Dec. 11	1600	343-4	125	1796
Baby-tender.....	G. P. Steinbach.....	811,881	Feb. 6	668	146	120	1627
Baby-walker.....	H. Voigt, Sr.....	839,681	Dec. 25	4772	1020	125	2661
Baby-yard.....	B. H. Lee.....	825,137	July 3	889	187-8	123	235
Back and bust supporter	S. Meyer.....	817,653	Apr. 10	2178	463	121	1890
Back and chest protector	M. L. Paddock.....	811,167	Jan. 30	5200	1087	120	1289
Back-band loop. Combination	J. Cramer.....	826,316	July 17	3295	681	123	866
Back-pedaling brake.	A. P. Morrow.....	821,522	May 22	5092	1085	122	1310
Back-rest.....	E. A. and L. B. Munro.....	839,501	Dec. 25	4416	942	125	2575
Backwater-trap.....	R. E. Mierswa.....	833,614	Oct. 16	3249	691	124	2090
Badge.....	D. W. Perry.....	808,867	Jan. 2	467	103	120	104
Badge.....	J. A. and J. C. Doran.....	813,624	Feb. 27	4212	926	120	2550
Badge.....	N. Stafford.....	821,547	May 22	5136	1096	122	1318
Badge and watch-guard.	J. S. Martin and H. N. Stockton	822,969	June 12	1466	305	122	2094
Bag:							
See Dust and scrap bag.	Nose-bag.						
Exercising-bag.	Paper bag.						
Feed-bag.	Punching-bag.						
Fruit-picker's bag.	Shopping-bag.						
Gas-main bag.	Sleeping-bag.						
Hand-bag.	Valve-bag.						
Hot-water bag.	Water-bag.						
Laundry-bag.							
Bag.....	T. Manahan.....	813,440	Feb. 27	3851	843	120	2469
Bag.....	T. Manahan.....	814,150	Mar. 6	292	58	121	64
Bag-clasp.....	W. H. Slattery.....	821,318	May 22	4679	996	122	1218
Bag-cutting machine.	S. H. Jones.....	817,919	Apr. 17	2734	593-4	121	2070
Bag-fastener.....	E. G. Staude.....	809,756	Jan. 9	2304	477	120	539
Bag-fastener.....	J. S. Williamson.....	813,266	Feb. 20	3477	766-7	120	2331
Bag-fastener.....	E. E. Witte.....	815,668	Mar. 20	3382	707	121	846
Bag filling and packing apparatus.	J. F. Jones and C. T. Odena.....	815,091	Mar. 13	2178	459-60	121	529
Bag-frame.....	B. vom Eigen.....	810,925	Jan. 30	4725	987	120	1186
Bag-frame.....	C. Hiering and A. Fuller.....	837,301	Dec. 4	52	15	125	1367
Bag-frame.....	C. Hiering and A. Fuller.....	838,858	Dec. 18	3128	674	125	2216
Bag-frame handle or strap attachment.	B. vom Eigen.....	810,926	Jan. 30	4728	987	120	1187
Bag-frame lock	L. B. Prahar.....	827,563	July 31	5950	1234	123	1561
Bag-frame. Sewed-in or English.	J. Lange.....	838,553	Dec. 18	2550	551	125	2073
Bag-filling machine.	B. F. Brown.....	836,665	Nov. 27	3513	750-1	125	997
Bag-handle.....	M. Goldsmith.....	811,215	Jan. 30	5299	1108	120	1310
Bag-holder.....	G. Stearns.....	812,307	Feb. 13	1616	355	120	1894
Bag-holder.....	E. A. Hale.....	821,237	May 22	4514	960-1	122	1183
Bag-holder.....	I. H. Weaver.....	821,771	May 29	5602	1194	122	1479
Bag-holder.....	G. E. Dawson.....	821,929	May 29	5901	1254	122	1546
Bag-holder.....	J. J. Hatin.....	830,994	Sept. 11	2189	463	124	579
Bag-holder.....	F. M. Thorpe.....	832,638	Oct. 9	1252	252	124	1555
Bag-holder.....	J. M. Welbourn.....	833,013	Oct. 9	1988	415-16	124	1731
Bag-holder.....	C. M. Gerson.....	836,966	Nov. 27	4144	884	125	1156
Bag-holder.....	J. Thompson.....	837,148	Nov. 27	4523	958	125	1248
Bag-holder and weighing apparatus.	C. W. Edwards and G. E. Howell	826,771	July 24	4253	884	123	1129
Bag or package.....	W. G. Bell.....	815,255	Mar. 13	2519	524	121	608
Bag-stringing machine.	J. L. Lowe and J. O. Hibbard.....	815,606	Mar. 20	3251	682-3	121	816
Bag-tying machine.	P. Rudd.....	813,832	Feb. 27	4618	1022-3	120	2636
Bags. Means to facilitate the opening of.	W. L. Fross.....	835,673	Nov. 13	1572	336	125	440
Bagging and weighing machine.	F. L. Sawyer and J. H. Fulford.....	819,930	May 8	1782	383-4	122	462
Bail-supporting device	M. Stransky.....	814,246	Mar. 6	484	100	121	104
Bailer. Convertible.....	J. C. Swan.....	830,464	Sept. 4	1139	239	124	281
Bait. Artificial.....	J. L. Ackerman.....	810,017	Jan. 16	2824	584	120	704
Bait. Artificial.....	E. L. Lull.....	825,140	July 3	894	189	123	236
Bait. Artificial.....	J. T. Mitchell.....	825,232	July 3	1083	229	123	282
Bait. Artificial.....	H. C. Clippinger.....	831,831	Sept. 25	3886	815	124	1076
Bait. Artificial fish-	C. H. Olsby.....	821,732	May 29	5523	1178	122	1460
Bait. Revolving spinning	J. H. Lee.....	817,257	Apr. 10	1419	298	121	1731
Bakeboard. Pastry-cup	C. Schiller.....	837,344	Dec. 4	135	34	125	1389
Baking apparatus.....	G. A. Muller.....	819,575	May 1	1057	232	122	238
Baking-pan.....	E. Katzinger.....	821,104	May 22	4261	907	122	1127
Baking-pan for pastry-crusts.	M. C. Haddock.....	823,216	June 12	2008	418	122	2214
Baking-tray. Flexible	V. M. Braschi.....	826,470	July 17	3584	747	123	937
Balance.....	F. Aronson.....	837,374	Dec. 4	195	48	125	1405
Balance. Automatic electrical.	W. Dworzynski.....	821,475	May 22	5006	1064-5	122	1292
Balance or weighing apparatus of the pendulum type.	P. Frost.....	833,922	Oct. 23	3916	830	124	2301

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Balances. Portable.....	F. Reichmann.....	821,745	May 29	5553	1182	122	1467
Balanced engine.....	H. L. Towle.....	821,553	May 22	5146	1097-8	122	1320
Balancing device.....	W. L. Waters.....	811,678	Feb. 6	280	62	120	1547
Bale-band-applying device.....	J. E. Armstrong and D. E. Ed- dleman.....	829,051	Aug. 21	2729	573	123	2413
Bale-band tie.....	E. L. Pence.....	835,465	Nov. 6	1178	254	125	296
Bale-bands. Fastening.....	D. M. Campbell.....	830,966	Sept. 11	2134	451	124	566
Bale binder and tier.....	W. C. Morgans and T. Gilloon.....	810,212	Jan. 16	3235	669-70	120	789
Bale-tie.....	E. L. Pence.....	815,116	Mar. 13	2233	469	121	542
Bale-tie machine.....	A. M. Griffin.....	809,943	Jan. 16	2668	551-2	120	672
Bale-tie machine.....	G. A. Rumbel.....	816,381	Mar. 27	4880	1036-8	121	1218
Bale-tie machine.....	A. E. Rhoades.....	819,925	May 8	1771	381-2	122	460
Bale-tie machines. Loop-forming mechanism for.....	A. M. Griffin.....	827,065	July 24	4826	1005	123	1268
Bale-tie machines. Twisting mechanism for.....	A. M. Griffin.....	827,064	July 24	4824	1005	123	1267
Bale-tie-making machine.....	W. D. Ferris.....	834,050	Oct. 23	4291	910-14	124	2387
Bale-tie-making machine.....	C. B. Post.....	836,650	Nov. 20	3457	738	125	948
Bale-tying machine.....	C. M. Cagle.....	810,521	Jan. 23	3927	808-9	120	979
Bales. Machine for forming round cotton.....	C. M. Cagle.....	809,283	Jan. 9	1354	275-6	120	333
Bales. Means for compressing.....	S. J. Webb.....	827,833	Aug. 7	283	58	123	1741
Baler. Hay.....	F. Hiniker.....	814,697	Mar. 13	1415	294	121	369
Baler power. Hay.....	F. A. Lake.....	837,691	Dec. 4	829	188	125	1560
Balers. Block-inserter for hay.....	F. A. Ryther.....	834,325	Oct. 30	4882	1034	124	2582
Balers. Division-block for hay.....	J. H. Pitkin.....	813,665	Feb. 27	4289	944	120	2567
Baling apparatus.....	F. P. Ellis.....	821,405	May 22	4873	1034-6	122	1263
Baling hay and similar materials.....	J. and W. H. North.....	817,932	Apr. 17	2765	599	121	2078
Baling machine. Fiber.....	A. M. Sheakley.....	812,155	Feb. 6	1266	277	120	1747
Baling-press.....	J. R. Robinson.....	808,780	Jan. 2	322	69-70	120	72
Baling-press.....	E. L. White.....	808,795	Jan. 2	343	74	120	76
Baling-press.....	W. S. Livengood.....	808,996	Jan. 2	745	161-2	120	164
Baling-press.....	J. W. Reynolds.....	809,844	Jan. 9	2463	512	120	574
Baling-press.....	J. Unfried.....	809,867	Jan. 9	2507	521	120	585
Baling-press.....	J. L. Coldiron.....	809,931	Jan. 16	2645	546	120	666
Baling-press.....	C. E. Bower.....	810,029	Jan. 16	2853	589	120	710
Baling-press.....	D. D. Stanbro.....	812,696	Feb. 13	2354	515-17	120	2043
Baling-press.....	T. and H. B. Abbot.....	813,270	Feb. 20	3486	768-9	120	2333
Baling-press.....	G. M. Washington.....	813,603	Feb. 27	4166	914-15	120	2540
Baling-press.....	J. S. Tuttle and C. L. Cookson.....	814,251	Mar. 6	492	102	121	106
Baling-press.....	J. S. Tuttle and C. L. Cookson.....	814,252	Mar. 6	494	102-3	121	106
Baling-press.....	J. and W. H. North.....	817,984	Apr. 17	2862	620	121	2099
Baling-press.....	W. R. Colman.....	818,232	Apr. 17	3365	720	121	2206
Baling-press.....	M. C. Nixon.....	818,779	Apr. 24	4479	959-60	121	2500
Baling-press.....	J. A. Spencer.....	819,319	May 1	574	122-3	122	132
Baling-press.....	C. A. Struve.....	820,831	May 15	3660	751	122	934
Baling-press.....	C. E. Wehrenberg.....	822,411	June 5	349	72-3	122	1802
Baling-press.....	J. B. Ammons.....	823,151	June 12	1857	383	122	2180
Baling-press.....	J. J. Stoppie.....	824,599	June 26	4707	1001-2	122	2914
Baling-press.....	J. J. Stoppie.....	824,600	June 26	4709	1002	122	2914
Baling-press.....	F. A. Ryther and G. H. Ellis.....	831,301	Sept. 18	2828	597-8	124	766
Baling-press.....	L. A. Woodward.....	832,286	Oct. 2	543	103	124	1344
Baling-press.....	O. J. Peschel.....	832,698	Oct. 9	1370	277	124	1582
Baling-press.....	W. H. Woodward.....	833,104	Oct. 9	2168	456	124	1776
Baling-press.....	J. W. Groomes.....	833,322	Oct. 16	2638	554	124	1945
Baling-press.....	D. C. Davis.....	833,371	Oct. 16	2733	576	124	1969
Baling-press.....	G. W. Shand and A. F. Marcus.....	833,753	Oct. 23	3508	748-9	124	2198
Baling-press.....	W. A. Bright.....	835,054	Nov. 6	365	74	125	97
Baling-press.....	M. C. Nixon.....	835,632	Nov. 13	1506	321	125	424
Baling-press.....	H. A. Starr.....	835,646	Nov. 13	1533	327-8	125	431
Baling-press.....	F. A. Ryther.....	836,653	Nov. 20	3465	739	125	950
Baling-press.....	W. H. Bonwell.....	837,540	Dec. 4	513	119	125	1483
Baling-press.....	W. G. Merrill.....	839,170	Dec. 25	3748	809-10	125	2413
Baling-press.....	J. F. Winch.....	839,247	Dec. 25	3903	839	125	2451
Baling-press.....	A. Hailey.....	839,579	Dec. 25	4562	973	125	2611
Baling-press brake.....	W. S. Bradshaw.....	810,102	Jan. 16	3007	626-7	120	746
Baling press. Cotton.....	H. Jones and J. T. Vincent.....	828,213	Aug. 7	1022	214-15	123	1921
Baling press. Hay.....	D. S. Edenfield.....	812,332	Feb. 13	1658	364-5	120	1903
Baling-press self-feeder.....	C. E. Bower.....	822,915	June 12	1365	284	122	2073
Baling vines, hay, and the like in cylindrical form. Machine for.....	J. T. Scott.....	814,736	Mar. 13	1486	312	121	385
Ball:							
See Bowling-alley ball.	Playing-ball.						
Foot-ball.	Return-ball.						
Golf-ball.	Trick-ball.						
Inflated ball.							
Ball.....	R. Appleyard.....	808,713	Jan. 2	174	40	120	39
Ball-and-socket joint.....	W. von Pittler.....	826,606	July 24	3943	817	123	1048
Ball apparatus. Parlor base.....	H. A. Filer.....	819,212	May 1	357	76	122	86
Ball bucking-strap. Foot.....	F. G. Folsom.....	829,580	Aug. 28	3867	820	123	2743
Ball-mill.....	R. Beneke.....	833,664	Oct. 16	3335	709	124	2111
Ball-mill.....	H. Löhner.....	839,491	Dec. 25	4386	937	125	2568
Ball-mill. Tubular.....	M. F. Abbé.....	818,211	Apr. 17	3318	709-10	121	2197
Ball pitcher and catcher.....	O. J. Panches.....	828,244	Aug. 7	1081	223	123	1394
Ball-player's jacket. Foot.....	A. Schemel.....	836,896	Nov. 27	3988	851	125	1122
Ball-player's pad. Base.....	E. Flick.....	835,219	Nov. 6	686	141	125	174
Ball-player's shoulder-guard. Foot.....	J. B. McCalla.....	817,656	Apr. 10	2182	464	121	1891
Ball-rolling machine.....	A. T. Saunders.....	820,139	May 8	2278	495-6	122	570
Ball-rolling machine.....	A. T. Saunders.....	820,140	May 8	2281	496	122	571
Ball-winding machine.....	M. J. Selzer.....	820,608	May 15	3205	689	122	835
Balls from sheet metal. Machine for making.....	A. Johnston.....	837,373	Dec. 4	577	134-5	125	1499
Balls from sheet metal. Manufacture of hollow me- tallie.....	A. Johnston.....	812,135	Feb. 6	1193	261	120	1732
Balls. Machine for making.....	C. T. Schnitzer.....	814,807	Mar. 13	1632	342	121	415
Balls. Machine for winding the cores of golf.....	M. McDaid.....	838,202	Dec. 11	1866	400	125	1864
Balling-machine.....	A. E. Rhoades.....	815,378	Mar. 20	2822	588	121	720
Ballast-mount. Electrical.....	C. D. Enoch.....	829,373	Aug. 21	3415	719	123	2584
Ballast-trimmer.....	J. H. Drinkwater.....	816,223	Mar. 27	4542	964-6	121	1146
Balloon. Dirigible.....	E. M. Bossuet.....	837,784	Dec. 4	1006	224	125	1603

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Balloon. Navigable.....	A. Chiodera.....	809,093	Jan. 2	950	197	120	210
Ballot-box.....	R. L. Fleury.....	831,504	Sept. 18	3199	676	124	860
Ballot. Pocket.....	M. Dunn.....	830,979	Sept. 11	2154	456	124	571
Balloting-box.....	W. W. McCollum.....	810,790	Jan. 23	4435	920	120	1090
Band-brake.....	A. Grieves.....	837,299	Dec. 4	49	14	125	1366
Band. Claspings.....	S. M. Danielsen.....	823,994	June 19	3526	752	122	2603
Band-cutter.....	H. C. Clay and M. T. Reeves.....	812,784	Feb. 13	2522	554	120	2078
Band-cutter and feeder.....	P. R. Kramer and G. E. Wilson.....	811,932	Feb. 6	794	174-6	120	1651
Band-cutter and feeder.....	L. N. Holm.....	813,000	Feb. 20	2953	650-1	120	2218
Band-cutter and feeder.....	R. E. Van Court.....	813,259	Feb. 20	3463	764	120	2328
Band-cutter and feeder.....	H. C. Wallace.....	813,847	Feb. 27	4650	1028-9	120	2645
Band-cutter and feeder.....	F. Juno.....	821,646	May 29	5341	1138	122	1421
Band-cutter and feeder.....	H. W. Smith.....	822,998	June 12	1524	317	122	2109
Band-cutter and feeder.....	S. Dunkelberger.....	824,238	June 26	3977	852-3	122	2758
Band-cutter and feeder.....	S. Dunkelberger.....	824,289	June 26	4062	870-1	122	2776
Band-cutter and feeder.....	E. U. Down.....	836,182	Nov. 20	2537	533	125	727
Band-cutter and feeder.....	P. B. Jantz.....	836,766	Nov. 27	3729	795	125	1053
Band-stripping machine. Hydraulic.....	W. Evans.....	819,871	May 8	1664	356-8	122	436
Bands. Machine for the manufacture of.....	D. L. Eustice.....	819,639	May 1	1186	259	122	266
Bandage.....	V. E. Hardee.....	815,422	Mar. 20	2932	608	121	747
Bandage.....	W. I. Hadden.....	834,723	Oct. 30	5662	1201	124	2780
Bandage. Absorbent.....	W. R. Green.....	810,116	Jan. 16	3037	631	120	753
Bandage. Absorbent.....	W. R. Green.....	810,117	Jan. 16	3038	632	120	753
Bandage. Absorbent.....	W. R. Green.....	810,118	Jan. 16	3040	632	120	754
Bandage. Absorbent.....	W. R. Green.....	810,119	Jan. 16	3042	632	120	754
Bandage. Absorbent.....	W. R. Green.....	810,120	Jan. 16	3044	632	120	754
Bandage. Absorbent.....	W. R. Green.....	810,121	Jan. 16	3047	633	120	754
Bandage. Absorbent.....	W. R. Green.....	810,122	Jan. 16	3049	633	120	754
Bandage. Absorbent.....	W. R. Green.....	810,123	Jan. 16	3051	633	120	755
Bandage. Absorbent.....	W. R. Green.....	810,124	Jan. 16	3053	633	120	755
Bandage. Absorbent.....	W. R. Green.....	810,125	Jan. 16	3055	634	120	755
Bandage. Absorbent.....	W. R. Green.....	810,126	Jan. 16	3058	634	120	756
Bandage. Absorbent.....	W. R. Green.....	810,127	Jan. 16	3060	634	120	756
Bandage. Absorbent.....	W. R. Green.....	810,128	Jan. 16	3062	634	120	756
Bandage. Absorbent.....	W. R. Green.....	810,129	Jan. 16	3065	635	120	757
Bandage. Absorbent.....	W. R. Green.....	810,130	Jan. 16	3068	635	120	757
Bandage. Absorbent.....	W. R. Green.....	810,131	Jan. 16	3069	635	120	757
Bandage. Absorbent.....	W. R. Green.....	810,132	Jan. 16	3072	635	120	758
Bandage. Absorbent.....	W. R. Green.....	810,133	Jan. 16	3074	636	120	758
Bandage. Absorbent.....	W. R. Green.....	810,134	Jan. 16	3076	636	120	759
Bandage. Absorbent.....	W. R. Green.....	810,135	Jan. 16	3078	636	120	759
Bandage. Absorbent.....	W. R. Green.....	810,371	Jan. 16	3577	736	120	865
Bandage and dressing-retainer. Suspensory.....	J. L. Boehm.....	827,207	July 31	5168	1072	123	1372
Bandage and material therefor. Absorbent.....	W. R. Green.....	810,115	Jan. 16	3034	631	120	753
Bandage. Elastic.....	H. Myers.....	814,795	Mar. 13	1615	338	121	412
Bandage. Finger.....	B. A. Paroubek.....	835,980	Nov. 13	2127	456	125	573
Bandage-rolling device.....	L. Long.....	831,726	Sept. 25	3693	773	124	1029
Bandage. Suspensory.....	H. J. Wortz.....	826,815	July 24	4327	900	123	1147
Bandages. Device for facilitating the removal of.....	C. P. Williams.....	817,946	Apr. 17	2796	605	121	2084
Bandages. Machine for forming sacks for suspen- sory.....	J. K. Toles.....	818,583	Apr. 24	4062	872	121	2408
Bandages. Machine for making plaster-of-paris.....	J. K. Toles.....	836,414	Nov. 20	3013	638-9	125	842
Bandoleer or belt.....	L. D. Hubbard.....	836,580	Nov. 20	3325	709	125	918
Bandoleer or belt.....	W. C. Fisher.....	836,642	Nov. 20	3440	734	125	944
Banjo.....	F. J. Bacon.....	823,985	June 19	3508	749	122	2599
Banjo.....	W. B. Farmer.....	833,517	Oct. 16	3047	646	124	2042
Banjo dulcet attachment.....	N. Howard.....	821,494	May 22	5043	1074	122	1299
Bank. Juvenile savings.....	W. G. Holmes.....	831,426	Sept. 18	3077	652	124	828
Bank-lattice. Movable.....	W. Lawrence.....	831,617	Sept. 25	3449	724	124	960
Bank. Registering.....	A. W. Johnson.....	829,716	Aug. 28	4156	879-80	123	2812
Bank. Savings.....	E. Crapper.....	824,233	June 26	3966	850	122	2756
Banners and the like. Holder for.....	L. G. Johnson.....	815,838	Mar. 20	3779	797	121	928
Bar:							
See Bicycle handle-bar. Metal bar.							
Boring-bar. Pinch-bar.							
Brace-bar. Planing-machine							
Detector-bar. presser-bar.							
Finger-bar. Sash-bar.							
Furnace-grate bar. Splice-bar.							
Grate-bar. Switch-bar.							
Handle-bar. Tamping-bar.							
Horizontal bar. Tie-bar.							
Magnetic dolly-bar. Tooth-bar.							
Bar-knife.....	W. H. Kingsley.....	818,263	Apr. 17	3427	736	121	2219
Bar-upsetting machine.....	J. V. W. Reynders and W. T. Sears.....	839,784	Dec. 25	4989	1065	125	2716
Bars of stock. Mechanism for feeding.....	W. B. Pearson and C. E. Roberts.....	827,690	July 31	6153	1278-80	123	1614
Barber's appliance.....	G. W. Hale.....	817,111	Apr. 3	1094	227	121	1601
Barbers' chairs. Sanitary protector for head-rests for.....	A. Miller.....	838,733	Dec. 18	2882	620	125	2155
Barber's pole.....	W. T. Cobb.....	822,923	June 12	1380	287	122	2076
Barber's pole.....	W. H. Young.....	830,399	Sept. 4	1013	212	124	250
Barette.....	E. B. Kingman.....	825,842	July 10	2393	498	123	630
Barge.....	J. M. Pearson.....	815,631	Mar. 20	3311	693	121	829
Barge.....	A. M. Bowman.....	819,633	May 1	1174	257	122	263
Barge and other like vessel.....	J. M. Pearson.....	815,551	Mar. 20	3154	661	121	794
Barge. Steel.....	M. G. Hilpert.....	820,974	May 22	3996	849-50	122	1070
Bark-rossing machine.....	A. L. Hoffman.....	836,113	Nov. 20	2383	503-4	125	689
Barometer.....	E. W. Goodrick.....	838,102	Dec. 11	1652	356	125	1811
Barrel.....	W. C. Plank.....	835,983	Nov. 13	2130	457	125	573
Barrel.....	J. T. Melson and J. D. Marvil.....	812,062	Feb. 6	1058	230	120	1704
Barrel.....	R. W. Hardie.....	814,375	Mar. 6	761	153	121	168
Barrel.....	L. V. Rathbun.....	824,950	July 3	548	108	123	146
Barrel.....	C. D. Crandal.....	825,878	July 10	2454	512	123	644
Barrel.....	R. W. Hardie.....	826,847	July 24	4397	915	123	1164
Barrel.....	J. C. Parker.....	828,899	Aug. 21	2424	515-16	123	2335
Barrel-carrier.....	J. Fravel.....	831,424	Sept. 18	3055	647	124	824

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Barrel-cleats. Manufacturing.....	L. M. Greif.....	833,382	Oct. 16	2753	580	124	1974
Barrel. Collapsible.....	J. H. Durant.....	817,420	Apr. 10	1733	364-5	121	1797
Barrel-draining device.....	L. T. Tucker.....	818,491	Apr. 24	3860	830-1	121	2365
Barrel filling and closing means.....	E. Berliner.....	828,594	Aug. 14	1817	382	123	2150
Barrel-forming device.....	I. H. Melvin.....	816,872	Apr. 3	646	134	121	1502
Barrel-forming machine.....	M. F. Quest and M. F. Reich.....	831,297	Sept. 18	2821	595	124	764
Barrel-head. Removable.....	A. Jaeger.....	809,918	Jan. 9	2607	537	120	606
Barrel-heading press.....	O. J. Wyman, C. Dennett, and C. O. Tinkham.....	812,911	Feb. 20	2772	610	120	2179
Barrel-heater.....	B. Holmes and E. F. Beugler.....	821,591	May 22	5215	1113	122	1336
Barrel. Knockdown.....	G. H. Milligan and J. F. Bee.....	830,670	Sept. 11	1584	327	124	425
Barrel. Metallic.....	A. T. Kruse.....	829,477	Aug. 28	3655	772	123	2692
Barrel. Metallic.....	H. A. Keiner.....	837,476	Dec. 4	398	91	125	1455
Barrel-opener.....	J. S. Knight and M. B. Russ.....	809,380	Jan. 9	1566	319	120	378
Barrel-press.....	W. P. Robinson.....	837,733	Dec. 4	920	208	125	1584
Barrel-roller machine.....	T. J. Merrell.....	822,288	June 5	126	25	122	1756
Barrel-scrubber roller.....	G. Tilgner.....	826,288	July 17	3230	669	123	849
Barrel-stand.....	C. A. Riek.....	813,587	Feb. 27	4139	907	120	2535
Barrel-washing machine.....	R. Troehrer.....	838,670	Dec. 18	2783	597	125	2130
Barrels and pipes. Lining working.....	N. C. Stoner.....	816,890	Apr. 3	683	141	121	1510
Barrels and the like. Carrier for.....	J. Mitchell.....	809,003	Jan. 2	756	163	120	166
Barrels and the like. Elevator for.....	W. B. Pavey.....	826,877	July 24	4458	928	123	1178
Barrels. Machine for making veneer-stave.....	G. H. Brown.....	811,031	Jan. 30	4931	1029	120	1232
Barrette-fastener.....	G. W. Dover.....	810,475	Jan. 23	3836	788	120	958
Barytes. Apparatus for washing.....	W. R. Macklind.....	839,493	Dec. 25	4401	939-40	125	2572
Basement and like ventilator.....	P. H. Jackson.....	818,889	Apr. 24	4680	1004	121	2542
Basement and the like ventilator.....	P. H. Jackson.....	809,617	Jan. 9	2043	424	120	481
Basement area, entrance, &c.....	S. D. Gilchrist.....	833,043	Oct. 9	2055	432	124	1747
Basin. Folding wall.....	L. C. Lazear.....	819,562	May 1	1030	226	122	232
Basin. Receiving.....	A. Lutz.....	809,201	Jan. 2	1139	237	120	250
Basin, &c. Wash.....	C. A. James.....	832,320	Oct. 2	612	115-17	124	1360
Basin. Wash.....	B. N. Miles.....	837,487	Dec. 4	414	94	125	1459
Basins and the like. Cover and trap for catch.....	P. Hannagan.....	818,164	Apr. 17	3220	692-3	121	2176
Basins, &c., made of earthenware. Manufacture of lavatory.....	A. Johnson.....	839,150	Dec. 25	3705	.....	125	2404
Basket.....	H. J. Gerner.....	820,107	May 8	2223	482	122	559
Basket.....	H. O. Wilcox.....	821,010	May 22	4077	867-8	122	1087
Basket.....	H. O. Wilcox.....	821,074	May 22	4209	894-5	122	1115
Basket.....	J. B. Miller.....	831,730	Sept. 25	3699	774	124	1030
Basket.....	A. J. Carlton.....	837,383	Dec. 4	211	52	125	1409
Basket. Clothes-pin.....	S. W. Hurlburt.....	809,568	Jan. 9	1935	402	120	458
Basket-machine. Automatic.....	S. L. Casella.....	813,773	Feb. 27	4490	990-2	120	2610
Basket-making machine.....	E. L. Walker.....	825,566	July 10	1809	382-5	123	484
Basket-making machine.....	J. Farrell.....	828,278	Aug. 7	1154	242-3	123	1951
Basket-making machine.....	J. Farrell.....	828,279	Aug. 7	1165	244-6	123	1955
Basket-making machine.....	E. Craig.....	828,842	Aug. 14	2288	488-9	123	2271
Basket-making machine.....	E. Horton.....	835,135	Nov. 6	526	106-9	125	135
Baskets and trucks. Metallic frame for.....	W. M. Morris and E. M. Staples.....	828,232	Aug. 7	1062	223	123	1929
Baskets or other receptacles. Machine for use in making.....	J. Eklund and E. L. Walker.....	810,270	Jan. 16	3363	696-7	120	817
Basting apparatus.....	A. G. R. Williams.....	814,255	Mar. 6	501	104	121	107
Bat. Base-ball.....	C. H. Buehler.....	813,400	Feb. 27	3766	827	120	2450
Bat. Base-ball.....	F. Maechling.....	814,857	Mar. 13	1715	358	121	433
Bat. Base-ball.....	E. Kinst.....	838,257	Dec. 11	1992	427	125	1892
Bath.....	See Portable bath. Shower-bath.						
Bath and basin stoppers. Making.....	H. C. Freshour.....	837,679	Dec. 4	808	183	125	1555
Bath-cabinet.....	W. E. Monro.....	829,281	Aug. 21	3221	678	123	2537
Bath-cabinet. Electric-light.....	H. H. Roberts.....	834,755	Oct. 30	5721	1213-14	124	2794
Bath-spray.....	A. N. Lattin.....	816,924	Apr. 3	755	156	121	1526
Bath-tub.....	E. M. Day.....	819,343	May 1	626	133	122	144
Bath-tub.....	E. H. Sloman.....	821,755	May 29	5572	1186	122	1473
Bath-tub.....	J. A. Lefferts.....	823,794	June 19	3138	665	122	2159
Bath-tub.....	W. Vanderman.....	824,454	June 26	4409	937	122	2847
Bath-tub.....	E. H. Sloman. (Reissue).....	12,539	Oct. 9	2261	475	124	1802
Bath-tub cabinet.....	A. M. Elegar.....	822,355	June 5	254	53	122	1781
Bath-tub head-support or bolster.....	C. Rosdram.....	818,854	Apr. 24	4624	992	121	2531
Bath-tub seat.....	J. P. Eustis. (Reissue).....	12,499	June 26	4906	1043	122	2955
Bath-tubs. Combination spray and shower attachment for.....	W. G. Newton.....	819,582	May 1	1068	235	122	240
Baths. Device for generating waves in.....	H. Hoeglauer.....	826,427	July 17	3498	728	123	915
Bathing apparatus.....	H. Hoeglauer.....	818,887	Apr. 24	4677	1004	121	2542
Bathing apparatus.....	H. Hoeglauer.....	826,506	July 17	3708	768	123	975
Bathing-suit.....	W. T. Anderson.....	839,699	Dec. 25	4812	1028	125	2672
Batter-mixing machine.....	A. Burgess.....	814,935	Mar. 13	1851	387	121	462
Batteries. Cleaning storage.....	J. W. Aylsworth.....	837,773	Dec. 4	987	.....	125	1599
Batteries. Gas-separator for storage.....	T. A. Edison.....	821,624	May 29	5296	1130	122	1412
Batteries. Machine for filling dry.....	P. P. Nungesser.....	809,526	Jan. 9	1855	385-6	120	441
Batteries. System of charging storage.....	A. G. Wilson.....	817,827	Apr. 17	2538	545	121	2026
Batteries. Treating alkaline storage.....	T. A. Edison.....	817,162	Apr. 10	1216	.....	121	1690
Batteries. Treating alkaline storage.....	T. A. Edison.....	821,625	May 29	5297	.....	122	1412
Battery.....	See Dry battery. Primary battery.						
Battery.....	Dry-cell battery. Secondary battery.						
Battery.....	Electric battery. Storage battery.						
Battery.....	Electrical battery. Thermo-electric battery.						
Battery.....	Galvanic battery.						
Battery.....	E. W. Schneider.....	816,384	Mar. 27	4894	1040	121	1220
Battery.....	C. W. Harper.....	825,882	July 10	2460	513	123	645
Battery.....	W. E. Murray.....	826,183	July 17	3034	629	123	803
Battery. Alkaline.....	T. A. Edison.....	827,297	July 31	5333	1105	123	1410
Battery and bell. Combined.....	J. A. Ny and F. Meadows.....	829,122	Aug. 21	2883	605	123	2454
Battery-cell.....	J. W. Brown.....	838,165	Dec. 11	1796	386	125	1846
Battery cell. Dry.....	A. E. Post.....	828,335	Aug. 14	1304	276	123	2017
Battery cell. Dry.....	J. W. Brown.....	836,480	Nov. 20	3134	665	125	871
Battery-charging system.....	W. I. Thomson.....	838,822	Dec. 18	3059	659	125	2198

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Battery connector. Storage.	A. F. Clark.	837,897	Dec. 4	1219	270	125	1656
Battery-filling apparatus. Storage.	T. A. Edison.	821,623	May 29	5294	1130	122	1411
Battery-grids. Machine for making.	W. F. Richards.	812,295	Feb. 13	1592	349-51	120	1890
Battery-grids. Machine for making.	W. F. Richards.	832,809	Oct. 9	1597	328-9	124	1635
Battery jar. Storage.	R. M. Newbold.	819,159	May 1	237	51	122	59
Battery-plate.	O. H. Fay.	820,040	May 8	2079	453	122	527
Battery plate or electrode. Storage.	A. E. Knight.	826,173	July 17	3019	626	123	800
Battery plate. Secondary.	W. L. Silvey.	824,828	July 3	303	55	123	84
Battery plate. Secondary.	J. H. Robertson.	835,229	Nov. 6	704	145	125	178
Battery plate. Secondary.	F. C. Hood.	837,567	Dec. 4	567	132	125	1496
Battery-plate separator. Secondary.	L. W. Horton.	825,837	July 10	2384	497	123	629
Battery plate. Storage.	D. P. Perry.	809,742	Jan. 9	2282	472	120	534
Battery plate. Storage.	J. Bijur.	839,711	Dec. 25	4847	1036	125	2680
Batting apparatus. Base-ball.	J. F. Doyle.	831,605	Sept. 25	3427	720	124	955
Bayonet.	T. S. Forbes.	822,441	June 5	403	83	122	1812
Bayonet and telescope. Combined.	F. W. Stillwell.	813,677	Feb. 27	4307	948	120	2571
Bayonet-fixing arrangement.	A. Berthier.	816,954	Apr. 3	823	168	121	1540
Beach-making device.	G. C. Dwight.	810,630	Jan. 23	4143	856	120	1026
Beam.	J. N. Loveley.	826,042	July 17	2769	574	123	739
Beam. Combined steel and concrete.	J. Kahn.	813,803	Feb. 27	4546	1005	120	2622
Beam. Foldable box.	T. E. Tracy.	833,263	Oct. 16	2515	526	124	1912
Beam. Metal draft.	H. C. Pribe.	839,316	Dec. 25	4036	868	125	2482
Beam-presser.	H. Parsons.	812,290	Feb. 13	1586	347	120	1888
Beam-tension regulator. Electromagnetic.	D. Bacon.	815,326	Mar. 20	2707	564	121	696
Beaming-machine.	F. A. Baer.	811,358	Jan. 30	5570	1162	120	1369
Bean and pea cleaning machine.	R. J. Owens.	839,415	Dec. 25	4229	905-6	125	2530
Bean cleaning and polishing machine.	E. E. Wemp.	810,009	Jan. 16	2805	579	120	700
Bean-shooter.	J. H. Curry.	822,190	May 29	6402	1359	122	1660
Bean-support.	A. W. Chisholm.	826,016	July 17	2724	564	123	728
Bearing.	C. Glover.	811,630	Feb. 6	198	42	120	1528
Bearing.	E. S. Lea and J. Degen.	812,756	Feb. 13	2471	542	120	2067
Bearing.	E. J. Newton.	822,297	June 5	147	30	122	1761
Bearing.	B. S. Lawson. (Reissue).	12,498	June 26	4905	1042	122	2955
Bearing.	W. L. Kaylor.	829,218	Aug. 21	3096	651	123	2507
Bearing.	J. C. Cromwell.	837,262	Nov. 27	4734	1002	125	1300
Bearing. Antifriction.	V. L. Rice.	813,989	Feb. 27	4921	1089	120	2700
Bearing. Antifriction.	W. Thornton.	819,184	May 1	287	61	122	72
Bearing. Antifriction.	J. Post.	830,100	Sept. 4	381	77-8	124	93
Bearing. Automobile-wheel.	C. S. Lockwood.	813,905	Feb. 27	4761	1051	120	2669
Bearing. Axle.	J. K. Gourdin.	813,880	Feb. 27	4714	1043	120	2659
Bearing. Ball.	S. S. Eveland.	811,708	Feb. 6	333	73	120	1560
Bearing. Ball.	F. Loeffler.	817,124	Apr. 3	1130	234	121	1611
Bearing. Ball.	B. G. Goble.	817,737	Apr. 10	2340	502	121	1928
Bearing. Ball.	E. Blin.	818,734	Apr. 24	4383	938	121	2479
Bearing. Ball.	W. Höpflinger and E. Sachs.	819,656	May 1	1216	266	122	273
Bearing. Ball.	A. Riebe and P. Brühl.	820,520	May 15	3052	657	122	801
Bearing. Ball.	J. N. Petersen.	821,057	May 22	4164	885	122	1105
Bearing. Ball.	R. Conrad.	821,461	May 22	4993	1059	122	1287
Bearing. Ball.	R. Conrad.	821,702	May 29	5468	1164	122	1448
Bearing. Ball.	R. Conrad.	821,703	May 29	5470	1164	122	1448
Bearing. Ball.	R. Conrad.	822,723	June 5	996	203	122	1947
Bearing. Ball.	A. Riebe.	824,819	July 3	280	50	123	78
Bearing. Ball.	A. Riebe.	824,820	July 3	282	50	123	78
Bearing. Ball.	R. Conrad.	824,847	July 3	346	64	123	96
Bearing. Ball.	E. Rivett.	825,417	July 10	1496	310	123	408
Bearing. Ball.	E. Rivett.	825,418	July 10	1497	310	123	408
Bearing. Ball.	M. Harris and J. F. Dearing.	827,865	Aug. 7	342	73	123	1755
Bearing. Ball.	A. T. Sisson.	832,427	Oct. 2	825	159	124	1411
Bearing. Ball.	F. M. Foote.	836,672	Nov. 27	3535	754	125	1003
Bearing-box.	A. Winkler.	826,209	July 17	3097	641	123	817
Bearing-box. Connecting-rod.	H. F. Livermore.	820,509	May 15	3024	650	122	795
Bearing. Centrifugal-machine.	W. A. Saunders.	828,628	Aug. 14	1877	395	123	2166
Bearing cone. Ball.	C. Glover.	819,753	May 8	1421	306	122	377
Bearing. Crank-arm sleeve.	C. Wales.	814,751	Mar. 13	1518	321	121	392
Bearing. End-thrust.	J. A. Perkins.	820,986	May 22	4034	857	122	1077
Bearing flexible roll. Roller.	T. S. Crane.	828,387	Aug. 14	1396	295	123	2042
Bearing for automobile-wheels. Roller.	C. S. Mott.	839,499	Dec. 25	4414	941	125	2575
Bearing for electric meters. Frictionless.	T. J. Johnston.	816,330	Mar. 27	4776	1011	121	1196
Bearing for fast-rotating shafts. Box.	C. L. Holm.	826,507	July 17	3710	768	123	975
Bearing for grinding-mills.	M. Benjamin.	817,898	Apr. 17	2703	587	121	2062
Bearing for hydraulic giants. Ball.	M. L. Gordon.	826,931	July 24	4561	949	123	1205
Bearing for revolving shafts.	P. Schou.	828,053	Aug. 7	742	152	123	1854
Bearing for rock-drills.	T. E. Adams.	821,325	May 22	4693	1000	122	1221
Bearing for rod-brasses. Adjustable.	G. S. Webster.	818,319	Apr. 17	3532	758	121	2242
Bearing for spindles of grinding-machines.	Z. R. Tucker.	811,339	Jan. 30	5539	1156	120	1362
Bearing for the ends of shafts. Roller.	W. T. Fleming.	830,985	Sept. 11	2173	459	124	576
Bearing for wheels. Resilient.	A. Simpson.	836,656	Nov. 20	3470	740-1	125	951
Bearing lubricator. Motor.	J. A. Craig.	839,554	Dec. 25	4517	963	125	2599
Bearing lubricator. Slide.	W. L. and F. S. Card.	816,778	Apr. 3	449	101	121	1457
Bearing. Roller.	W. Houldsworth.	816,798	Apr. 3	450	107	121	1463
Bearing. Roller.	G. D. Scheffler.	818,919	Apr. 24	4736	1016	121	2536
Bearing. Roller.	T. M. Worrell.	821,322	Apr. 22	4686	998	122	1219
Bearing. Roller.	C. S. Lockwood.	821,656	May 29	5364	1143	122	1436
Bearing. Roller.	J. A. Perkins.	821,882	May 29	5800	1236	122	1523
Bearing. Roller.	W. H. Russell.	823,083	June 12	1725	355	122	2151
Bearing. Roller.	T. A. Edwards.	824,533	June 26	4570	971-2	122	2884
Bearing. Roller.	J. M. and S. D. Horgan.	827,638	July 31	6108	1269	123	1863
Bearing. Roller.	A. E. Putnam.	828,337	Aug. 14	1307	276	123	2018
Bearing. Roller.	D. Allen.	836,429	Nov. 20	3052	648	125	852
Bearing. Roller.	C. F. Heinkel and J. Muth.	837,530	Dec. 4	1089	242	125	1624
Bearing. Roller.	W. T. Fleming.	839,084	Dec. 18	3537	765-6	125	2316
Bearing. Rotary-table.	E. P. Bullard, Jr.	828,876	Aug. 21	2373	504	123	2321
Bearing. Scale pivot.	J. A. Barclay.	811,194	Jan. 30	5260	1101	120	1302
Bearing. Self-adjustable journal, crank, and axle.	J. L. Williams.	825,688	July 10	2105	438	123	561
Bearing. Shaft.	A. E. Keith.	831,874	Sept. 25	3985	832	124	1099
Bearing. Shaft.	R. H. Rice.	835,324	Nov. 6	901	191	125	228

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr g.	Vol.	Page.
Bearing. Spindle.....	F. Schulz.....	814,168	Mar. 6	326	65	121	71
Bearing. Spindle.....	W. L. Lindblom.....	829,165	Aug. 21	3000	625-6	123	2483
Bearing. Spring neck.....	P. T. Sundberg.....	835,739	Nov. 13	1688	359	125	469
Bearing. Step.....	H. J. Flood.....	834,897	Nov. 6	42	8-9	125	14
Bearing. Swivel.....	E. S. Lea.....	820,883	May 15	3785	807	122	961
Bearing. Thrust.....	G. E. Franquist.....	835,853	Nov. 13	1909	404	125	523
Bearing. Truck side.....	C. E. Bauer and F. L. Susemihl.....	820,172	May 8	2346	510-11	122	584
Bearing. Vertical-shaft.....	E. W. Broomall.....	809,280	Jan. 9	1349	274	120	351
Bearing. Vertical-shaft.....	E. W. Broomall.....	821,699	May 29	5457	1163	122	1445
Bearing. Wheel.....	G. A. Anderson.....	818,218	Apr. 17	3333	714	121	2200
Bearing. Wheel.....	F. G. Hughes and R. P. Stout.....	820,575	May 15	3155	679	122	824
Bearing. Windmill-shaft.....	F. G. Hobart.....	831,554	Sept. 25	3325	697	124	928
Bearing with weight-controlled lubricant.....	M. Kemmerich.....	817,118	Apr. 3	1122	232	121	1610
Bearings. Apparatus for preparing rings for ball.....	S. Schneider.....	835,328	Nov. 6	906	192	125	229
Bearings. Automatic lock for.....	B. F. Leavitt.....	829,658	Aug. 28	4027	853	123	2783
Bearings. End-thrust-resisting means for.....	J. A. Perkins.....	829,085	Aug. 21	2796	588	123	2432
Bearings. End-thrust-resisting means for.....	J. A. Perkins.....	829,086	Aug. 21	2798	588	123	2432
Bearings. End-thrust-resisting means for.....	J. A. Perkins.....	834,933	Nov. 6	112	22	125	32
Bearings. Lubricating spindle.....	M. an Haack and A. Knoblauch.....	827,731	Aug. 7	71	14	123	1688
Bearings. Making adjustable.....	F. Wollsjager.....	827,135	July 31	4980	1041	123	1322
Bearings. Manufacturing and assembling ball.....	R. Conrad.....	838,303	Dec. 11	2067	447	125	1910
Bearings. Mold for babbiting.....	C. Remelius.....	827,466	July 31	5735	1187-8	123	1507
Bearings. Retainer for antifriction.....	N. T. Harrington.....	838,111	Dec. 11	1670	360	125	1815
Beater.....	F. J. Wolff.....	839,533	Dec. 25	4482	956	125	2591
Beater, mixer, and masher for eggs, cream, vegetables, &c.....	W. Sturm.....	837,750	Dec. 4	947	214	125	1590
Beater-roll with ventilated knife-cells.....	F. Piesslinger.....	829,229	Aug. 21	3113	655	123	2511
Bed.....	J. L. Dodge.....	824,068	June 19	3653	778	122	2630
Bed.....	M. C. Rooney.....	825,681	July 10	2091	436	123	557
Bed.....	W. B. Sterling.....	830,261	Sept. 4	737	151	124	185
Bed and cabinet. Combined folding.....	W. H. Blose.....	815,400	Mar. 20	2879	598-9	121	734
Bed and cabinet. Folding.....	N. Lui.....	809,710	Jan. 9	2226	462	120	521
Bed and chair. Combination child's.....	C. A. Koenig and J. A. Vallee.....	824,488	June 26	4485	950	122	2865
Bed and couch. Combined.....	D. T. Owen.....	833,173	Oct. 16	2322	487-8	124	1864
Bed and guide attachment. Supplemental.....	A. F. Heckel.....	838,540	Dec. 18	2528	546-7	125	2068
Bed and invalid's chair. Combined fracture.....	J. T. Boyd.....	823,841	June 19	3226	682	122	2539
Bed and similar furniture. Collapsible.....	F. C. Schofield.....	810,573	Jan. 23	4029	829	120	1001
Bed and sofa. Combined.....	D. D. Dailey.....	825,194	July 3	1001	212	123	262
Bed and table. Combined folding.....	J. L. Boisvert.....	824,404	June 26	4308	917	122	2826
Bed attachment.....	N. E. Smith.....	815,481	Mar. 20	3020	630	121	765
Bed attachment.....	J. P. Williams.....	821,691	May 29	5439	1158-9	122	1440
Bed attachment.....	J. P. Williams.....	828,164	Aug. 7	932	191-2	123	1899
Bed attachment.....	L. A. Powell.....	837,642	Dec. 4	738	168	125	1537
Bed attachment. Invalid.....	I. Baker.....	817,951	Apr. 17	2802	607	121	2085
Bed. Baby.....	A. K. Taylor.....	812,099	Feb. 6	1134	248	120	1719
Bed-bottom.....	I. Grossman.....	822,443	June 5	405	84	122	1813
Bed-bottom.....	G. Bezanger and J. A. Stewart.....	825,577	July 10	1834	390	123	490
Bed-bottom.....	T. B. Laycock.....	828,324	Aug. 14	1286	272	123	2013
Bed-bottom.....	E. A. Cleaveland.....	836,092	Nov. 20	2338	493	125	680
Bed-bottom.....	W. M. Grose.....	837,923	Dec. 11	1278	280	125	1714
Bed-bottom.....	W. H. Donaldson and W. N. Moore.....	838,697	Dec. 18	2830	608	125	2142
Bed-bottom. Adjustable.....	J. Shepherd.....	813,458	Feb. 27	3874	849	120	2475
Bed-bottom. Elastic.....	H. Richardson.....	827,034	July 24	4749	991	123	1249
Bed-bottom fabric.....	H. Richardson.....	827,035	July 24	4751	991	123	1250
Bed-bottom fabric.....	H. Richardson.....	827,036	July 24	4753	992	123	1250
Bed-bottom. Spring.....	C. D. Brouyette.....	820,091	May 8	2192	478	122	551
Bed-bottom. Spring.....	J. G. Smith.....	822,999	June 12	1526	317-18	122	2110
Bed-bottom. Spring.....	G. A. Mellon.....	823,427	June 12	2405	506-7	122	2299
Bed-bottom. Spring.....	L. B. Houston.....	823,600	June 19	2771	586-7	122	2438
Bed-bottom. Spring.....	E. W. Burbridge.....	835,394	Nov. 6	1044	224	125	264
Bed-bottom. Spring.....	M. W. Ingraham.....	839,293	Dec. 25	3994	857	125	2472
Bed-bottom support.....	H. C. Creedon.....	831,146	Sept. 18	2524	532	124	688
Bed-brace.....	B. Shemwell.....	828,631	Aug. 14	1884	397	123	2168
Bed. Camp.....	F. D. Rappelee.....	835,469	Nov. 6	1183	255	125	297
Bed-clamp.....	F. W. Merriweather.....	823,800	June 19	3153	667	122	2522
Bed-clamp.....	A. T. Sawyer.....	826,363	July 17	3382	699	123	886
Bed. Convertible sofa.....	G. E. Holmes, A. G. and J. M. Bostrom.....	813,089	Apr. 17	3064	661	121	2141
Bed corner-fastening.....	B. H. Jones.....	809,447	Jan. 9	1709	352	120	409
Bed, cot, and table. Invalid.....	A. Kruger.....	815,715	Mar. 20	3487	729	121	868
Bed. Couch.....	R. J. Wagner.....	833,903	Oct. 23	3868	821	124	2289
Bed. Couch.....	F. S. Sprague and L. R. Robbins.....	835,263	Nov. 6	778	163	125	196
Bed-cover support.....	L. E. Bleckley.....	834,357	Oct. 30	4945	1047	124	2599
Bed. Davenport.....	G. A. Mellon.....	820,808	May 15	3602	770-1	122	922
Bed. Davenport.....	C. J. Kindel and R. Coopersmith.....	823,879	June 19	3295	699-700	122	2554
Bed. Davenport.....	G. A. Mellon.....	824,131	June 26	3757	802	122	2711
Bed. Davenport.....	I. Conway.....	826,994	July 24	4670	972-3	123	1230
Bed. Davenport.....	F. J. Clement.....	831,707	Sept. 25	3667	767	124	1022
Bed. Device for holding children in.....	D. C. Akers.....	837,373	Dec. 4	194	48	125	1405
Bed. Extensible sofa.....	F. M. Tinkham.....	823,649	June 19	2875	608	122	2463
Bed. Extension.....	J. H. Hannon.....	811,216	Jan. 30	5300	1108	120	1310
Bed. Extension.....	R. Bollinger.....	819,631	May 1	1169	256	122	262
Bed. Folding.....	J. E. Chatem.....	810,036	Jan. 16	2874	593	120	715
Bed. Folding.....	F. J. Hubbard.....	813,004	Feb. 20	2962	652-3	120	2220
Bed. Folding.....	A. A. Saunders.....	814,921	Mar. 13	1822	382	121	455
Bed. Folding.....	W. C. James.....	817,371	Apr. 10	1626	344	121	1775
Bed. Folding.....	W. L. Caldwell.....	818,517	Apr. 24	3932	846-7	121	2380
Bed. Folding.....	W. S. McLewee.....	819,305	May 1	547	116	122	126
Bed. Folding.....	J. J. Braznell.....	822,243	June 5	24	5	122	1734
Bed. Folding.....	A. W. Welch.....	822,328	June 5	210	42	122	1772
Bed. Folding.....	W. C. James.....	823,045	June 12	1629	337	122	2132
Bed. Folding.....	J. F. Wilnot.....	823,456	June 12	2460	520	122	2310
Bed. Folding.....	S. R. Moore.....	824,734	July 3	66	14	123	21
Bed. Folding.....	P. Herbert.....	825,389	July 10	1414	295	123	386
Bed. Folding.....	O. H. Miller.....	826,590	July 24	3907	809	123	1038

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bed. Folding.....	G. Henkel.....	830,590	Sept. 11	1409	292	124	377
Bed. Folding.....	W. C. James.....	831,227	Sept. 18	2665	560	124	723
Bed. Folding.....	J. J. Byrne.....	833,022	Oct. 9	2005	420	124	1735
Bed. Folding.....	V. J. Gillett.....	834,293	Oct. 30	4832	1021-2	124	2569
Bed. Folding.....	W. A. Williamson.....	834,786	Oct. 30	5804	1232	124	2815
Bed. Folding.....	J. A. Dewey.....	835,817	Nov. 13	1851	391	125	511
Bed. Folding.....	J. L. Tandy.....	837,145	Nov. 27	4516	957	125	1247
Bed. Folding.....	J. E. Warfel.....	839,442	Dec. 25	4288	917	125	2544
Bed. Hospital or invalid's.....	W. J. Harris.....	814,286	Mar. 6	554	116	121	119
Bed. Infant's.....	J. Gamber and O. F. Heer.....	823,271	June 12	2125	443	122	2240
Bed. Invalid.....	L. A. Goodson and W. A. Nason.....	809,051	Jan. 2	846	180	120	187
Bed. Invalid.....	J. W. Summers.....	816,048	Mar. 27	4189	888	121	1070
Bed. Invalid.....	G. Harden.....	822,119	May 29	6263	1333-4	122	1629
Bed. Invalid.....	W. H. Armstrong, J. M. Pugh, and R. W. Magee.....	824,057	June 19	3637	774	122	2627
Bed. Invalid.....	N. Clement.....	824,846	July 3	344	63-4	123	95
Bed. Invalid.....	F. W. Mitchell.....	829,481	Aug. 28	3662	773	123	2693
Bed. Invalid.....	N. W. Kline.....	834,477	Oct. 30	5176	1099-1103	124	2656
Bed. Invalid.....	W. C. McGough.....	836,397	Nov. 20	2979	631	125	834
Bed. Invalid.....	H. L. Prichard.....	837,504	Dec. 4	442	100-1	125	1466
Bed. Invalid's.....	A. M. Parkhill.....	836,889	Nov. 27	3973	848-9	125	1118
Bed-lock.....	J. E. Coleman.....	836,304	Nov. 20	2800	594	125	795
Bed. Metal.....	C. J. Widgren.....	813,471	Feb. 27	3908	857	120	2482
Bed. Metallic folding.....	C. Jonas.....	819,435	May 1	810	174	122	182
Bed-pan.....	A. E. Betts.....	828,178	Aug. 7	969	200	123	908
Bed-pan.....	J. Lopitsch and F. Naumann.....	828,754	Aug. 14	2127	450	123	2229
Bed-pan.....	I. Newman.....	836,334	Nov. 20	2854	606	125	806
Bed-rail joint.....	J. Murphy.....	822,682	June 5	905	185	122	1929
Bed-rests and chair-backs. Armpit-crutch for.....	A. S. Turner.....	827,125	July 31	4966	1036	123	1315
Bed-riser.....	F. and J. M. Holland.....	828,654	Aug. 14	1926	404	123	2178
Bed. Sofa.....	G. N. Wersel.....	809,657	Jan. 9	2126	440	120	497
Bed. Sofa.....	J. B. Strand and J. H. Haugen.....	816,134	Mar. 27	4374	925	121	1110
Bed. Sofa.....	J. T. Seng.....	820,826	May 15	3652	779-80	122	932
Bed. Sofa.....	W. J. Kelly.....	828,215	Aug. 7	1030	216-17	123	1923
Bed. Sofa.....	R. Deimel.....	836,246	Nov. 20	2684	50	125	764
Bed. Spring.....	G. C. Locklin.....	808,667	Jan. 2	88	20	120	21
Bed-spring.....	B. F. Lindsley.....	812,939	Feb. 20	2837	626	120	2195
Bed-spring.....	F. L. Kunkel.....	814,220	Mar. 6	428	88	121	92
Bed-spring.....	H. W. Pennepacker.....	819,671	May 1	1249	272	122	280
Bed-spring.....	E. B. Preston.....	820,011	May 8	2010	441	122	510
Bed-spring.....	F. L. Groff.....	824,295	June 26	4080	872	122	2780
Bed-spring attachment.....	W. A. Perry.....	818,046	Apr. 17	2988	646	121	2126
Bed-spring fastener.....	R. Naysmith.....	818,187	Apr. 17	3273	701	121	2187
Bed-spring. Folding.....	T. A. Wilson.....	833,191	Oct. 16	2364	495	134	1874
Bed-spring frame.....	R. Naysmith.....	818,111	Apr. 17	3117	671	121	2153
Bed-spring frame.....	R. Naysmith.....	818,112	Apr. 17	3119	671	121	2153
Bed-spring lock.....	H. C. Creedon.....	839,271	Dec. 25	3953	849	125	2462
Bed-spring-raising device.....	C. M. Schwab.....	839,041	Dec. 18	3449	745	125	2292
Bed-spring support.....	R. Naysmith.....	818,113	Apr. 17	3121	672	121	2154
Bed-spring tightener. Automatic.....	J. H. Thayer.....	823,824	June 19	3189	675	122	2530
Bed support. Invalid.....	E. S. Stewart.....	832,346	Oct. 2	662	127	124	1371
Bed. Tilting.....	J. B. Eastman.....	830,141	Sept. 4	483	97	124	122
Bed tilting back and head rest.....	F. Deuerling.....	828,720	Aug. 14	2058	433	123	2211
Bed. Tilting or wall.....	J. B. Eastman.....	816,718	Apr. 3	334	77	121	1434
Bed. Wall or closet folding.....	C. Warnecke.....	858,760	Dec. 18	2933	632	125	2167
Bed warmer or cooler.....	C. C. Vaughn.....	822,167	May 29	6358	1351	122	1651
Beds. Crib attachment for.....	W. R. Clark.....	810,718	Jan. 23	4297	892	120	1060
Beds. Detachable hook for spring.....	F. F. Bullard and G. H. Scott.....	825,702	July 10	2127	444	123	566
Beds. Folding seat for metal.....	M. Paas.....	816,974	Apr. 3	861	178	121	1549
Beds. Head and back rest for.....	E. Michaud.....	831,517	Sept. 18	3233	682	124	869
Beds. Head-rest for.....	J. D. Smock.....	808,700	Jan. 2	148	35	120	35
Beds. Head-rest for.....	J. S. Visger.....	839,237	Dec. 25	3884	835	125	2445
Beds. Mattress-holder for folding.....	V. J. Gillett.....	809,049	Jan. 2	843	179	120	186
Beds. Safety device for folding.....	S. B. Bankson.....	819,686	May 1	1282	280	122	288
Beds. Weight-supporting device for spring.....	C. H. Johnson.....	817,918	Apr. 17	2733	593	121	2069
Bedclothes-clamp.....	I. B. Nickles.....	827,263	July 31	5267	1092	123	1395
Bedclothes-clamp.....	K. Bailey.....	828,800	Aug. 14	2212	470	123	2251
Bedclothes-holder.....	J. T. Cowles.....	819,857	May 8	1639	349	122	431
Bedclothes-holder.....	N. C. Meek.....	829,118	Aug. 21	2874	603	123	2452
Bedstead.....	J. V. Dougherty.....	815,077	Mar. 13	2149	453	121	523
Bedstead.....	W. A. Moore.....	819,241	May 1	417	87-8	122	98
Bedstead.....	F. R. Brown.....	820,951	May 22	3931	837	122	1055
Bedstead.....	E. Griffith and W. E. Logan.....	822,117	May 29	6259	1332	122	1628
Bedstead.....	J. W. Whitlow.....	822,414	June 5	356	74	122	1803
Bedstead.....	H. F. Babcock.....	823,152	June 12	1859	384	122	2180
Bedstead.....	A. C. Keightley and L. Cockerell.....	825,467	July 10	1595	332	123	434
Bedstead. Adjustable.....	E. A. Barnes.....	817,295	Apr. 10	1489	312	121	1745
Bedstead attachment.....	W. A. Wright.....	809,352	Jan. 9	1495	302	120	364
Bedstead attachment.....	A. M. MacIlwaine.....	826,950	July 24	4586	955	123	1211
Bedstead attachment.....	C. P. Brown.....	828,185	Aug. 7	980	203	123	1911
Bedstead attachment.....	F. L. Morgan.....	830,246	Sept. 4	696	139	124	176
Bedstead attachment.....	E. M. Carpenter.....	831,214	Sept. 18	2645	556	124	718
Bedstead. Camp.....	H. R. Wykert.....	829,454	Aug. 28	3608	758	123	2680
Bedstead end piece. Metallic.....	W. F. Bernstein.....	810,699	Jan. 23	4260	883	120	1652
Bedstead. Extension.....	W. O. Perry.....	829,666	Aug. 28	4041	856	123	2787
Bedstead. Folding.....	H. H. Blaylock.....	809,167	Jan. 2	1073	223	120	235
Bedstead. Folding.....	J. Hodson.....	822,369	June 5	279	58	122	1786
Bedstead footboard. Iron.....	L. O. Brekke.....	815,258	Mar. 13	2522	525	121	609
Bedstead. Invalid.....	L. J. Gronde.....	811,713	Feb. 6	340	74	120	1561
Bedstead. Metallic.....	P. P. Oedbauer.....	808,866	Jan. 2	466	102	120	103
Bedstead. Metallic.....	B. H. Jones.....	828,742	Aug. 14	2107	446	123	2224
Bedsteads. Caster-socket for metallic.....	W. C. Fischer.....	821,585	May 22	5206	1111	122	1333
Bedsteads. Collapsible crib attachment for.....	E. C. Smith.....	838,591	Dec. 18	2624	565	125	2082
Bedsteads. Combined husk and tube for manufacture of metal.....	J. Gibson.....	838,178	Dec. 11	1822	390	125	1854
Bedsteads. Crib attachment for.....	H. T. Beall and I. V. Guy.....	817,542	Apr. 10	1980	419	121	1849

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Bedsteads. Mosquito-net-frame attachment for.....	W. K. McCardell.....	812,284	Feb. 13	1567	343	120	1883
Bee-feeder.....	M. Kegerreis.....	821,246	May 22	4526	963	122	1186
Bee-smoker.....	E. B. Gladish.....	834,121	Oct. 23	4471	949	124	2434
Beehive.....	G. W. Mann.....	818,270	Apr. 17	3438	739	121	2222
Beehive.....	J. H. Padgett.....	838,444	Dec. 11	2331	506	125	1977
Beehive.....	P. Lambert.....	839,487	Dec. 25	4380	936	125	2566
Beer and other liquids having a gas dissolved therein. Pasteurizing.....	F. Knipping.....	838,721	Dec. 18	2864	617	125	2151
Beer, &c. Apparatus for drawing.....	F. Stickel.....	814,094	Mar. 6	187	37	121	41
Beer-case hinge.....	J. P. Rely.....	834,491	Oct. 30	5210	1106	124	2665
Beer-coil-cleaning apparatus.....	C. A. Chandler.....	829,367	Aug. 21	3402	117	123	2581
Beer-cooler.....	F. H. Strobel.....	818,056	Apr. 17	3001	648	121	2128
Beer-cooling device.....	R. Fincken.....	833,452	Oct. 16	2924	630	124	2013
Beer-glass tray.....	F. Voss.....	821,208	May 22	4459	949	122	1170
Beer. Pasteurizing.....	C. H. Loew.....	808,668	Jan. 2	89	20	120	21
Beer. Pasteurizing.....	H. Gronwald.....	810,745	Jan. 23	4338	902	120	1069
Beer-pipe cleaner.....	J. Strunce.....	831,635	Sept. 25	3501	734	124	974
Beer-racking apparatus.....	H. L. Momburg.....	838,735	Dec. 18	2884	621	125	2156
Beer-tap.....	M. J. Chaplin.....	837,608	Dec. 4	666	153	125	1520
Beers or malt liquors. Manufacture of English. Beer-blocker and cotton-chopper.....	N. H. Claussen.....	813,199	Feb. 20	3349	120	120	2305
Beet-digging machine.....	W. Ferris.....	829,067	Aug. 21	2759	580	123	2421
Beet-puller.....	A. H. Kramer.....	813,978	Feb. 27	4891	1082	120	2694
Beet-puller.....	M. W. Palmer.....	829,285	Aug. 21	3227	679	123	2539
Beet-puller.....	M. W. Palmer.....	829,286	Aug. 21	3229	680	123	2540
Beet-rack.....	R. F. Gilchrist.....	822,360	June 5	264	55-6	122	1783
Beet-sampling machine.....	M. J. Ely.....	833,709	Oct. 16	3429	730-1	124	2131
Beet seeder. Sugar.....	F. Tiemann.....	809,233	Jan. 2	1226	253	120	269
Beet-topper.....	G. F. Conner.....	820,391	May 15	2773	601-2	122	741
Beet-topper.....	J. F. Willson.....	824,051	June 19	3628	772	122	2625
Beet-topper.....	B. L. Chambers.....	835,600	Nov. 13	1444	309	125	408
Beet-topping machine.....	P. Brown.....	820,385	May 15	2756	599	122	738
Beet-topping machine.....	H. V. Gould.....	820,861	May 15	3718	793	122	947
Beet-washing machine.....	A. Maguin.....	821,811	May 29	5684	1210-11	122	1499
Bell. Alarm.....	A. J. Hamrock.....	814,444	Mar. 6	904	185	121	197
Bell-box.....	S. A. Beyland.....	822,715	June 5	981	199	122	1944
Bell. Door.....	F. L. Ellis.....	833,450	Oct. 16	2907	616	124	2011
Bell. Electric.....	J. Erickson.....	819,049	May 1	27	6	122	9
Bell. Electric.....	M. Setter.....	819,083	May 1	97	22	122	26
Bell. Electric.....	E. J. Burke.....	827,077	July 31	4874	1016	123	1294
Bell. Electric.....	S. A. Beyland.....	829,381	Aug. 28	3433	723	123	2635
Bell. Electric.....	E. B. Craft.....	829,909	Aug. 28	4548	959	123	2910
Bell. Electric.....	H. W. Eden.....	835,183	Nov. 6	619	126	125	157
Bell. Electric.....	C. M. Proctor.....	835,199	Nov. 6	649	133	125	165
Bell. Electric.....	H. W. Eden.....	837,672	Dec. 4	798	181	125	1553
Bell. Electric signal.....	H. W. Eden.....	837,673	Dec. 4	799	181	125	1553
Bell. Electrically-actuated signal.....	H. W. Eden.....	837,675	Dec. 4	800	181	125	1554
Bell frame, Electric.....	H. W. Eden.....	837,671	Dec. 4	797	180	125	1552
Bell. Musical.....	J. C. Deagan.....	818,874	Apr. 24	4656	1000	121	2538
Bell. Push-button.....	J. R. Kidney.....	824,486	June 26	4480	949-50	122	2864
Bell push, pull, &c.....	L. S. Wilks.....	809,595	Jan. 9	2001	415	120	471
Bell-ringer.....	R. M. Crosby.....	810,725	Jan. 23	4308	895	120	1062
Bell-ringer. Pneumatic.....	J. Howe.....	811,400	Jan. 30	5647	1182	120	1385
Bell-ringing circuit.....	G. P. McDonnell.....	837,635	Dec. 4	712	163	125	1351
Bell-ringing circuit.....	G. P. McDonnell.....	837,636	Dec. 4	713	164	125	1532
Bellows.....	J. T. Hill.....	835,617	Nov. 13	1475	315	125	416
Belt.....	J. Riddell.....	811,794	Feb. 6	492	106	120	1591
Belt.....	J. Askew.....	822,710	June 5	973	198	122	1943
Belt.....	J. M. Van Orden.....	824,605	June 26	4720	1005	122	2917
Belt and suspenders. Revolver.....	B. F. Stewart.....	834,419	Oct. 30	5072	1075	124	2628
Belt. Armored conveyer.....	L. J. Hohl and R. Schorr.....	829,867	Aug. 28	4169	944	123	2890
Belt attachment for sanitary supports.....	J. L. Bornstein.....	828,809	Aug. 14	2226	473	123	2255
Belt-clamp.....	G. H. Alexander.....	838,678	Dec. 18	2798	600	125	2134
Belt-clamp-plate.....	J. Stoll.....	814,095	Mar. 6	189	38	121	41
Belt. Conveyer.....	M. H. Cook.....	814,943	Mar. 13	1869	392	121	465
Belt. Conveyer.....	G. C. Plummer.....	821,121	May 22	4290	913	122	1133
Belt. Conveyer.....	E. B. Folsom.....	829,579	Aug. 28	3865	820	123	2743
Belt-coupling.....	R. Cannan.....	821,086	May 22	4235	900	122	1121
Belt-coupling.....	J. M. Greist.....	822,891	June 5	1308	270	122	2012
Belt-coupling.....	J. N. Johnson.....	830,593	Sept. 11	1416	293	124	378
Belt-dressing compound.....	I. N. Hollingsworth.....	831,868	Sept. 25	3976	124	1097	
Belt. Driving.....	G. W. Parkes.....	823,892	June 19	3319	707	122	2559
Belt. Driving.....	H. E. Smallbone.....	826,899	July 24	4511	939	123	1192
Belt-fastener.....	J. Millar.....	817,501	Apr. 10	1905	401	121	1835
Belt-fastener.....	I. Jackson.....	827,869	Aug. 7	350	74	123	1757
Belt-fastener.....	H. G. Ellis.....	829,146	Aug. 21	2950	617	123	2472
Belt-fastener.....	E. Mundschenk.....	830,913	Sept. 11	2043	430	124	544
Belt-fastener.....	J. J. Flanagan.....	831,050	Sept. 18	2318	489	124	644
Belt for brake-wheels.....	D. Thomas.....	825,089	July 3	797	166	123	213
Belt for conveyers. Fabric.....	J. J. Voorhees.....	814,416	Mar. 6	860	177	121	187
Belt for supporting catamenial bandages. Self-adjusting.....	E. Schick.....	813,176	Feb. 20	3312	728	120	2297
Belt-guide.....	K. H. Knudsvig.....	811,302	Jan. 30	5468	1140	120	1347
Belt-guide.....	M. E. De Gree and D. C. McAlister.....	838,958	Dec. 18	3291	712	125	2252
Belt-holder.....	G. J. Shaw and L. Long.....	815,125	Mar. 13	2263	473	121	549
Belt-holder.....	H. Salisbury.....	824,745	July 3	91	17-18	123	27
Belt. Link.....	S. B. Peck.....	836,943	Nov. 27	4106	876	125	1147
Belt or band. Pelvical.....	G. Bracco, Sr.....	819,975	May 8	1915	424	122	487
Belt or girdle support.....	E. C. Milliken.....	839,615	Dec. 25	4628	987	125	2627
Belt-reel.....	D. F. Geiger.....	818,157	Apr. 17	3208	690	121	2173
Belt-replacer.....	W. Volkel. (Reissue).....	12,503	July 10	2466	514	123	647
Belt. Rotary.....	I. N. Bate.....	833,911	Oct. 23	3893	825-6	124	2265
Belt sander. Double.....	D. T. Clemons.....	818,518	Apr. 24	3933	847-8	121	2380
Belt-shifter.....	F. W. Seyboth and E. K. A. Baumann.....	809,329	Jan. 9	1445	293	120	352
Belt-shifter.....	S. R. Bailey.....	818,654	Apr. 24	4220	907-8	121	2444
Belt-shifter.....	S. R. Bailey.....	818,931	Apr. 24	4763	1024	121	2561

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Belt-shifter.....	E. A. Muller.....	821,181	May 22	4405	937-8	122	1159
Belt-shifter.....	D. McDonald.....	823,352	June 12	2276	476	122	2273
Belt-shifter.....	W. E. Dillard.....	825,265	July 3	1145	242	123	298
Belt-shifter.....	I. S. Newton.....	834,532	Oct. 30	5275	1121	124	2683
Belt shifter and replacer.....	G. A. Westover.....	820,457	May 15	2905	631	122	768
Belt-shifting for speed-cones.....	O. Seidemann.....	811,799	Feb. 6	502	112	120	1593
Belt-stretcher.....	S. L. Porter.....	839,028	Dec. 18	3422	739	125	2286
Belt-support.....	A. E. Bilby.....	832,584	Oct. 9	1141	228	124	1529
Belt-throwing device.....	K. Ueland.....	837,982	Dec. 11	1401	305	125	1745
Belt-tightener.....	J. J. Thacher.....	812,899	Feb. 20	2750	606	120	2174
Belt-tightener.....	W. G. Gaum.....	825,645	July 10	2014	421	123	538
Belt-tightener.....	P. L. Bucy.....	836,918	Nov. 27	4057	866	125	1134
Belt tightener and fastener. Combined.....	A. Fleeger.....	815,341	Mar. 20	2739	570-1	121	704
Belt tightener. Chain.....	J. A. Stone.....	829,091	Aug. 21	2806	590	123	2434
Belt. Waist.....	W. C. Spittle.....	824,598	June 26	4705	1001	122	2914
Belt. Waist.....	H. J. Gaisman.....	827,859	Aug. 7	335	71	123	1753
Belt. Woven.....	C. P. Landreth.....	834,386	Oct. 30	5014	1061	124	2616
Belts. Device for adjusting the tension of traveling conveying.....	W. M. Barnes.....	819,710	May 8	1336	289	122	360
Belts. Machine for attaching slats to conveyer.....	W. T. Gordon.....	830,709	Sept. 11	1674	345	124	451
Belts of machinery. Means for cleaning the driving.....	G. H. Boynton.....	822,503	June 5	531	109	122	1842
Belting and preparing and treating the same. Textile.....	G. D. Moore.....	824,189	June 26	3872	827	122	2736
Belting. Antislippage dressing for.....	J. B. Leonard.....	822,005	May 29	6043	.....	122	1578
Belting. Leather.....	W. Coupe.....	834,361	Oct. 30	4960	.....	124	2602
Belting. Machine.....	D. E. Jones.....	839,001	Dec. 18	3373	728	125	2273
Belting. Pressed.....	A. Kislik.....	818,031	Apr. 17	2964	640	121	2121
Bench.....	L. L. Poplin.....	815,556	Mar. 20	3164	664	121	796
Bench-clamp.....	J. H. Peick.....	834,402	Oct. 30	5047	1069	124	2622
Bench. Piano.....	M. F. Stanley.....	831,574	Sept. 25	3363	706	124	937
Bench-stop.....	H. H. Prah and E. H. Kistner.....	816,999	Apr. 3	908	188	121	1560
Bench-stop.....	E. H. Sheldon.....	836,655	Nov. 20	3469	740	125	951
Bending-machine.....	R. Mobley.....	808,672	Jan. 2	97	22	120	23
Bending-machine.....	P. H. Murphy.....	818,702	Apr. 24	4317	925-6	121	2465
Bending-machine.....	C. H. Closterman and G. J. Kuehnle.....	823,394	June 12	2340	491-2	122	2285
Bending-machine. Automatic.....	L. H. Brinkman.....	812,258	Feb. 13	1501	329	120	1867
Bending-tool.....	E. J. Sarbach.....	830,104	Sept. 4	389	79	124	96
Bending-tool.....	J. A. Staples.....	834,941	Nov. 6	123	25	125	35
Bent-wood chair.....	A. Wanner, Jr.....	819,478	May 1	883	193	122	198
Benzoyl succinyl peroxid.....	A. C. Houghton.....	821,291	May 22	4617	.....	122	1205
Benzoylalkylaminoethanols and making same.....	T. Emilewicz.....	817,164	Apr. 10	1220	.....	121	1691
Berry-box. Folding.....	A. B. Coleman.....	829,596	Aug. 28	3715	789	123	2705
Berth and settee. Combined folding.....	J. P. Lein.....	828,035	Aug. 7	694	144	123	1842
Berth. Collapsible.....	J. P. Lein.....	828,131	Aug. 7	879	181	123	1837
Berth. Ship's.....	D. Tagliafco.....	831,019	Sept. 11	2231	471	124	559
Beryllium hydroxid. Making.....	F. Haber, G. Van Oordt, and F. Bran.....	822,444	June 5	406	.....	122	1813
Beta-ethyltetramethyldiaminoglycerin. Benzoyl chlorid derivative of.....	F. Hofmann.....	808,748	Jan. 2	255	.....	120	58
Beta-substituted ester of diaminoglycerin and making same.....	F. Hofmann.....	808,747	Jan. 2	253	.....	120	58
Bevel and compasses. Combined.....	H. Tatum.....	823,373	June 12	2307	483	122	2279
Bevel-gage for handsaws.....	H. Condren.....	808,971	Jan. 2	703	152	120	155
Beveling-machine.....	L. H. Rice.....	811,174	Jan. 30	5215	1089-90	120	1291
Beverage-carbonator.....	J. H. Fox.....	813,414	Feb. 27	3789	832	120	2455
Bias-cutting implement.....	N. B. Burt.....	816,529	Mar. 27	5184	1100	121	1284
Bicycle.....	G. M. Hornecker and C. Blankenheim.....	836,040	Nov. 13	2222	476	125	598
Bicycle. Aerial.....	F. G. Bonfils.....	823,100	June 12	1756	361-2	122	2158
Bicycle attachment.....	A. P. Santini.....	810,814	Jan. 23	4476	931	120	1098
Bicycle attachment.....	G. W. Pulliam.....	816,122	Mar. 27	4345	920	121	1104
Bicycle attachment.....	L. De Rome.....	823,161	June 12	1874	387	122	2184
Bicycle attachment.....	S. J. Taylor.....	833,649	Oct. 16	3315	705	124	2105
Bicycle-brake.....	G. A. Love.....	813,906	Feb. 27	4763	1052	120	2669
Bicycle driving mechanism.....	J. S. Copeland.....	836,738	Nov. 27	3692	788	125	1044
Bicycle driving mechanism. Chainless.....	J. S. Copeland.....	821,540	May 22	4737	1007	122	1234
Bicycle handle-bar.....	B. Tulka.....	819,474	May 1	879	191	122	197
Bicycle handle-bar.....	B. Tulka.....	829,683	Aug. 28	4075	863	123	2795
Bicycle-hubs. Driving and brake mechanism in.....	L. A. Hermann.....	830,229	Sept. 4	667	134	124	168
Bicycle-lock.....	G. H. Fry.....	814,034	Mar. 6	73	13-14	121	17
Bicycle-lock.....	S. and K. Hayford.....	839,584	Dec. 25	4570	975	125	2612
Bicycle pedal-crank. Adjustable.....	B. Uhlmann.....	823,712	June 19	2982	631	122	2484
Bicycle-saddle and spring therefor.....	C. W. Errick.....	822,660	June 5	860	176	122	1918
Bicycle-seat spring.....	U. G. Sweeney and M. L. Mayes.....	822,403	June 5	334	69	122	1799
Bicycle-support.....	G. F. Cook.....	812,547	Feb. 13	2090	458	120	1993
Bicycle-support.....	N. v. Moltke.....	833,615	Oct. 16	3250	691	124	2090
Bicycle-track.....	S. W. Tonry.....	818,488	Apr. 24	3848	828	121	2363
Bicycles, &c. Driving mechanism for.....	J. S. Copeland.....	820,038	May 8	2074	452	122	526
Bicycles. Electric generator for.....	F. X. Hofbauer.....	810,651	Jan. 23	4178	863	120	1034
Bicycles. Power-transmitting mechanism for.....	L. Combet.....	817,225	Apr. 10	1345	281-2	121	1718
Bicycles to form a quadricycle. Means for uniting a pair of.....	C. H. Nicholas.....	822,688	June 5	930	189	122	1934
Billets. Mechanism for feeding tubular.....	R. C. Stiefel.....	811,526	Jan. 30	5863	1229-30	120	1429
Billiard and pool table.....	T. H. Callahan.....	835,177	Nov. 6	609	124	125	154
Billiard and pool tables. Cigar-holder for.....	E. E. Hanks.....	809,441	Jan. 9	1697	349	120	406
Billiard and pool table. Convertible.....	P. M. Cunningham.....	826,088	July 17	2869	594-5	123	764
Billiard and pool table pocket.....	J. W. De Castro.....	831,328	Sept. 18	2880	611	124	779
Billiard-cue.....	J. W. Wilson.....	818,597	Apr. 24	4103	881	121	2417
Billiard-cue.....	J. Adorjan.....	829,749	Aug. 28	4219	894	123	2828
Billiard-cue.....	Z. Hickman and J. C. Herbine.....	830,070	Sept. 4	321	64	124	78
Billiard-cue.....	J. Adorjan.....	835,489	Nov. 13	1229	265	125	355
Billiard-cue tip.....	F. W. Schroeder.....	835,736	Nov. 13	1681	357	125	468
Billiard-cue-tip fastener.....	G. W. Allen and W. B. Beach.....	818,011	Apr. 17	2925	631	121	2113
Billiard-table beds. Apparatus for covering.....	A. M. Hubert-Brierre.....	820,929	May 15	3881	827	122	983
Billiard-table. Convertible.....	T. R. Treiber.....	834,693	Oct. 30	5602	1188-9	124	2764
Billiard-table cushions. Apparatus for covering.....	A. M. Hubert-Brierre.....	820,930	May 15	3882	827	122	983

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Billiard-table leg. Adjustable.....	C. D. Seymour.....	809,078	Jan. 2	911	191	120	202
Billiard-table leveling and holding device.....	J. C. Dozier.....	821,225	May 22	4484	955	122	1176
Bin:							
See Screen-bin. Storage-bin.							
Sliding bin. Tilting bin.							
Bin.....	C. Cohen.....	812,019	Feb. 6	993	217	120	1690
Bin.....	H. M. Praed.....	813,059	Feb. 20	3081	675	120	2248
Bin.....	G. W. Hopkins and A. B. Canfield.....	824,297	June 26	4082	873	122	2780
Binder.....	F. A. Cleveland.....	809,426	Jan. 9	1667	342	120	398
Binder.....	F. A. Cleveland.....	809,493	Jan. 9	1795	371	120	428
Binder.....	F. A. Cleveland.....	809,494	Jan. 9	1798	371	120	429
Binder.....	F. A. Cleveland.....	809,495	Jan. 9	1801	371	120	430
Binder.....	F. A. Cleveland.....	809,496	Jan. 9	1804	371	120	431
Binder.....	C. L. Donohoe.....	812,731	Feb. 13	2427	531-2	120	2058
Binder.....	W. G. Jones.....	816,915	Apr. 3	731	151	121	1526
Binder.....	J. R. and A. M. Barrett.....	828,297	Aug. 14	1224	255-6	123	1998
Binder.....	F. A. Cleveland.....	829,322	Aug. 21	3304	697	123	2557
Binder.....	F. A. Cleveland.....	829,323	Aug. 21	3308	697	123	2558
Binder.....	F. A. Cleveland.....	829,324	Aug. 21	3311	697	123	2559
Binder.....	F. A. Cleveland.....	829,325	Aug. 21	3314	697	123	2560
Binder.....	F. A. Cleveland.....	829,326	Aug. 21	3316	698	123	2561
Binder.....	H. E. Dade.....	830,573	Sept. 11	1380	286	124	370
Binder.....	R. J. Copeland and A. E. Chat- terton.....	831,773	Sept. 25	3774	791	124	1049
Binder.....	C. D. Rubel.....	835,257	Nov. 6	767	161	125	194
Binder. Adjustable loose-leaf.....	L. M. Morden and L. R. Hitchcock.....	831,969	Sept. 25	4182	873	124	1149
Binder attachment.....	A. Williams.....	809,877	Jan. 9	2523	523	120	588
Binder. File.....	C. R. Nelson.....	813,817	Feb. 27	4570	1010	120	2627
Binder. File.....	C. R. Nelson.....	813,818	Feb. 27	4571	1011	120	2627
Binder. File.....	C. H. Morris.....	825,474	July 10	1612	335	123	438
Binder for loose leaves of books.....	J. P. Bochner.....	812,397	Feb. 13	1786	391	120	1929
Binder-frame.....	W. J. Watters.....	823,653	June 19	2885	610	122	2465
Binder-frame.....	M. Forster.....	825,714	July 10	2159	451	123	573
Binder frame and leaf therefor. Loose-leaf.....	H. J. Moore.....	816,493	Mar. 27	5108	1083	121	1266
Binder frame and leaf therefor. Loose-leaf.....	H. J. Moore.....	816,494	Mar. 27	5113	1084	121	1267
Binder-frame-cover hinge.....	W. J. Watters.....	832,939	Oct. 9	1860	385	124	1699
Binder lock. Loose-leaf.....	A. D. Hulquist.....	830,835	Sept. 11	1906	398	124	511
Binder lock. Loose-leaf.....	R. B. Wilson.....	832,109	Oct. 2	176	35	124	1256
Binder. Loose-leaf.....	E. G. Dumas.....	809,557	Jan. 9	1917	398	120	455
Binder. Loose-leaf.....	L. Sussman.....	809,587	Jan. 9	1977	410	120	466
Binder. Loose-leaf.....	E. A. Trussell.....	813,752	Feb. 27	4445	981-2	120	2600
Binder. Loose-leaf.....	E. A. Trussell.....	813,753	Feb. 27	4446	982	120	2600
Binder. Loose-leaf.....	W. J. Schultz.....	813,919	Feb. 27	4789	1057	120	2674
Binder. Loose-leaf.....	W. M. Wheildon.....	814,492	Mar. 6	992	204	121	216
Binder. Loose-leaf.....	J. B. Barlow.....	816,421	Mar. 27	4974	1056	121	1237
Binder. Loose-leaf.....	S. C. Nott.....	816,734	Apr. 3	356	82	121	1438
Binder. Loose-leaf.....	H. B. Burckhart.....	818,664	Apr. 24	4240	912	121	2448
Binder. Loose-leaf.....	F. Egge.....	819,346	May 1	630	134	122	145
Binder. Loose-leaf.....	C. R. Nelson.....	819,368	May 1	683	143	122	156
Binder. Loose-leaf.....	J. Schade, Jr.....	819,461	May 1	851	183	122	190
Binder. Loose-leaf.....	A. Opalla.....	820,248	May 8	2499	540	122	620
Binder. Loose-leaf.....	G. Labarre.....	820,799	May 15	3576	765	122	916
Binder. Loose-leaf.....	J. C. Dawson.....	822,654	June 5	850	173	122	1916
Binder. Loose-leaf.....	W. J. Schultz.....	823,192	June 12	1946	402	122	2202
Binder. Loose-leaf.....	C. Johnson.....	826,034	July 17	2754	569	123	735
Binder. Loose-leaf.....	F. Egge.....	827,298	July 31	5334	1106	123	1410
Binder. Loose-leaf.....	F. Egge.....	827,299	July 31	5336	1106	123	1410
Binder. Loose-leaf.....	J. S. McDonald.....	827,461	July 31	5701	1180	123	1502
Binder. Loose-leaf.....	E. A. Trussell.....	827,895	Aug. 7	393	84	123	1767
Binder. Loose-leaf.....	S. C. Nott.....	829,225	Aug. 21	3105	653	123	2510
Binder. Loose-leaf.....	E. A. Trussell.....	829,240	Aug. 21	3129	658-9	123	2515
Binder. Loose-leaf.....	F. A. Cleveland.....	829,321	Aug. 21	3301	696	123	2556
Binder. Loose-leaf.....	G. Labarre.....	831,011	Sept. 11	2217	468	124	586
Binder. Loose-leaf.....	W. N. Weinacht.....	831,641	Sept. 25	3511	736	124	977
Binder. Loose-leaf.....	H. W. Hedges.....	833,165	Oct. 16	2304	483	124	1858
Binder. Loose-leaf.....	T. Owen.....	834,163	Oct. 23	4551	965	124	2455
Binder. Loose-leaf.....	W. M. Wheildon.....	835,340	Nov. 6	934	198	125	236
Binder. Loose-leaf.....	J. C. Dawson.....	836,803	Nov. 27	3818	813	125	1079
Binder. Loose-leaf.....	J. C. Dawson.....	836,804	Nov. 27	3819	814	125	1078
Binder. Loose-leaf.....	G. Labarre.....	837,078	Nov. 27	4385	929	125	1215
Binder. Loose-leaf.....	C. C. Maltby.....	837,698	Dec. 4	846	191-2	125	1565
Binder. Loose-leaf.....	J. A. Mudd.....	838,201	Dec. 11	1865	399	125	1864
Binder. Loose-leaf.....	T. P. Halpin.....	838,323	Dec. 11	2102	454-5	125	1920
Binder. Loose-leaf.....	J. A. Mudd and T. R. Eddy.....	838,435	Dec. 11	2317	501-2	125	1973
Binder. Loose-leaf-ledge.....	J. Graves.....	811,286	Jan. 30	5443	1135	120	1342
Binder. Loose-leaf-ledge.....	R. B. Wilson.....	834,435	Oct. 30	5100	1083	124	2636
Binder. Magazine.....	C. Chivers.....	825,112	July 3	843	175	123	224
Binder. Temporary.....	C. Whetham.....	808,793	Jan. 2	340	74	120	76
Binder. Temporary.....	F. B. Jordan.....	810,338	Jan. 16	3505	723	120	849
Binder. Temporary.....	J. B. Barlow.....	811,360	Jan. 30	5574	1164	120	1370
Binder. Temporary.....	J. J. Edwards.....	812,121	Feb. 6	1165	256	120	1725
Binder. Temporary.....	J. N. Christensen.....	813,948	Feb. 27	4843	1069	120	2684
Binder. Temporary.....	L. C. McNeal.....	818,548	Apr. 24	4001	858-9	121	2395
Binder. Temporary.....	C. Keck.....	820,049	May 8	2094	457	122	530
Binder. Temporary.....	G. A. Shoemaker.....	820,827	May 15	3654	780	122	932
Binder. Temporary.....	F. W. Reindel. (Reissue).....	12,489	May 22	5256	1120	122	1345
Binder. Temporary.....	A. Faifer.....	825,447	July 10	1559	322	123	425
Binder. Temporary.....	W. S. Mendenhall.....	827,697	July 31	6251	1298	123	1642
Binder. Temporary.....	T. R. Eddy.....	830,579	Sept. 11	1393	288	124	374
Binder. Temporary.....	J. Walker.....	835,171	Nov. 6	595	122	125	151
Binder. Temporary.....	W. S. Mendenhall.....	838,795	Dec. 18	3006	648	125	2184
Binder. Temporary.....	F. J. Schleede.....	838,813	Dec. 18	3044	656	125	2194
Binder. Temporary.....	A. Lawrence.....	839,010	Dec. 18	3382	730	125	2275
Binders. Automatic locking device for loose-leaf.....	G. T. Dalton, Sr.....	810,919	Jan. 30	4716	984	120	1185
Binders. Leaf or sheet for temporary or loose-leaf.....	H. F. Bushong.....	822,427	June 5	350	79	122	1808
Binding agent and forming same.....	L. Weiss.....	814,490	Mar. 6	989		121	216

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Binding-post.....	E. C. Henn.....	813,093	Feb. 20	3138	687	120	2259
Binding-post.....	C. Slusser.....	818,480	Apr. 24	3835	825	121	2360
Binding-post.....	C. Moody.....	829,883	Aug. 28	4504	950	123	2899
Binding-post.....	R. H. Manson.....	838,260	Dec. 11	1995	428	125	1893
Binding-post. Electric.....	W. E. Dow.....	821,029	May 22	4116	875	122	1096
Biscuit-cutter.....	E. Woelke.....	834,437	Oct. 30	5103	1083	124	2637
Biscuit-cutting machines. Sprinkling granular substances on dough in.....	T. and J. Vicars, Jr.....	813,680	Feb. 27	4314	949-50	120	2572
Biscuit-making machine.....	G. Herbert, Jr.....	827,444	July 31	5658	1172-3	123	1489
Biscuit-packing machine.....	A. Magman.....	812,221	Feb. 13	1434	312-13	120	1853
Biscuit stamping and cutting machine.....	T. and J. Vicars, Jr.....	814,485	Mar. 6	982	201	121	214
Biscuit stamping and cutting machine.....	T. and J. Vicars, Jr.....	814,486	Mar. 6	983	202	121	214
Bismuth disalcylate and making same.....	B. R. Seifert.....	809,583	Jan. 9	1967	.....	120	464
Bisulfite liquor. Making.....	N. Heath.....	830,996	Sept. 11	2191	463	124	580
Bit:							
<i>See</i> Auger-bit.....	Expansible bit.....						
Boring-bit.....	Expansion-bit.....						
Bridle-bit.....	Horse-bit.....						
Drill-bit.....	Keyhole-bit.....						
Driving-bit.....	Molding-bit.....						
Bit.....	A. L. Nelson.....	837,490	Dec. 4	418	95	125	1460
Bit and bridle attachment.....	T. B. O'Connor.....	834,843	Oct. 30	5922	1256	124	2845
Bit attachment.....	H. L. Riggs.....	831,102	Sept. 18	2415	516	124	672
Bit-brace.....	J. Gessert.....	812,198	Feb. 13	1388	301-2	120	1842
Bit-brace. Angle.....	J. H. Ackermann.....	838,677	Dec. 18	2795	600	125	2133
Bit-brace jaw.....	R. C. Ellrich.....	809,936	Jan. 16	2651	548	120	668
Bit-extender.....	W. B. Swan.....	810,230	Jan. 16	3280	679	120	799
Bit-stock head.....	W. A. Peck.....	814,318	Mar. 6	642	130	121	141
Bit-stock jaw.....	W. A. Peck.....	814,320	Mar. 6	645	131	121	141
Blackboard.....	T. H. Costello.....	810,623	Jan. 23	4131	853	120	1023
Blackboard.....	C. Fricke.....	824,781	July 3	189	33	123	55
Blackboard-trestle with adjustable map-displayer and roll-support.....	M. Nacken.....	815,974	Mar. 27	4029	853	121	1033
Blacking attachment for vamp-skivers and the like.....	A. W. Tower.....	832,639	Oct. 9	1254	252-3	124	1555
Blacking-guard.....	E. A. Hawkins.....	820,493	May 15	2979	643	122	784
Blacking machine. Shoe.....	F. H. Brewster.....	811,030	Jan. 30	4928	1028	120	1231
Blacking stand. Boot.....	H. L. Yarbrough.....	828,797	Aug. 14	2207	468-9	123	2250
Blackleading-machine.....	W. H. Nicholas.....	827,557	July 31	5941	1232	123	1558
Blade. Stiffening.....	W. Webster.....	824,608	June 26	4724	1006	122	2913
Blades. Shroud member for.....	M. Rotter.....	838,358	Dec. 11	2162	469	125	1934
Blank.....	G. W. Heene.....	815,349	Mar. 20	2752	573	121	706
Blanks. Drawing.....	J. H. Gault.....	834,291	Oct. 30	4827	1020-1	124	2568
Blanks with beveled edges. Machine for cutting.....	A. M. Stickney.....	815,564	Mar. 20	3176	666-7	121	798
Blanket.....	T. N. Mathias.....	831,452	Sept. 18	3104	657	124	835
Blankets, rugs, and similar coverings in position.....	O. E. Buley.....	816,710	Apr. 3	320	74	121	1431
Appliance for retaining.....							
Blast charges. Device for firing.....	J. Dowd.....	830,056	Sept. 4	292	59	124	72
Blast combustion.....	B. E. Eldred.....	812,193	Feb. 13	1376	299	120	1840
Blast-flame furnace.....	B. E. Eldred.....	821,994	May 29	6022	1283	122	1573
Blast-furnace.....	W. Kemp.....	824,485	June 26	4478	949	122	2864
Blast-furnace.....	L. Heckscher.....	828,310	Aug. 14	1251	263	123	2005
Blast-furnace.....	M. Mannaberg.....	830,513	Sept. 11	1249	258-9	124	336
Blast-furnace.....	J. Coyne.....	836,801	Nov. 27	3815	813	125	1078
Blast-furnace attachment.....	C. Abercrombie.....	826,819	July 24	4332	901	123	1148
Blast-furnace-charging apparatus.....	W. Kennedy.....	827,155	July 31	5056	1053	123	1341
Blast-furnace-charging apparatus.....	W. Kennedy.....	827,156	July 31	5057	1054	123	1342
Blast-furnace twyer.....	T. Evans.....	826,715	July 24	4150	862-3	123	1101
Blast-regulator for fanning-mills and thresher-fans.....	G. M. Ortmann.....	826,869	July 24	4447	925	123	1175
Blasting-cap.....	D. McEachern.....	829,595	Aug. 28	3903	827	123	2753
Bleaching.....	K. Reinking, E. Dehnel, and H. Labhardt.....	837,730	Dec. 4	914	.....	125	1583
Bleaching and sterilizing apparatus.....	S. Leetham.....	816,482	Mar. 27	5090	1079	121	1261
Bleaching composition.....	A. E. Nienstadt.....	817,267	Apr. 10	1438	.....	121	1734
Bleaching fibers.....	J. Wakefield.....	809,869	Jan. 9	2509	.....	121	585
Bleaching liquor. Apparatus for preparing.....	F. L. Bartelt.....	813,688	Feb. 27	4330	953	120	2576
Blind-adjuster.....	J. Barr.....	824,088	June 26	3690	786	120	2696
Blind. Apparatus for producing literature for the.....	I. L. Garside.....	818,758	Apr. 24	4442	951	122	2493
Blind closer. Window.....	E. L. Jaycox.....	832,675	Oct. 9	1325	267	124	1572
Blind-fastener.....	J. Durn and L. Anderson.....	816,224	Mar. 27	4544	966	121	1147
Blind fitting. Window.....	E. C. Harris.....	822,273	June 5	95	19	122	1749
Blind guard. Window.....	L. D. Richardson.....	838,356	Dec. 11	2160	468	125	1934
Blind-slat clipper.....	S. C. Smith.....	816,263	Mar. 27	4621	981	121	1163
Blind-slat-fastener. Window.....	M. J. Coogan.....	809,779	Jan. 9	2353	486	120	549
Blind-slat fastener. Window.....	C. P. Ausband.....	824,273	June 26	4039	865	122	2772
Blind-slat lock.....	J. W. McGrain.....	837,419	Dec. 4	282	69	125	1427
Block:							
<i>See</i> Awning sheave-block.....	Hay-press head-block.....						
Axle-block.....	Head-block.....						
Brake-block.....	Knuckle-pin stop-block.....						
Breech-block.....	Partition-block.....						
Building-block.....	Paving and building block.....						
Building-stone block.....	Printer's block.....						
Cement block.....	Pulley-block.....						
Cement building-block.....	Releasing-block.....						
Composite block.....	Sheave-block.....						
Concrete block.....	Snatch-block.....						
Concrete building-block.....	Soldering-block.....						
Date and note block.....	Tackle-block.....						
Die-block.....	Toy building-block.....						
Disinfecting and deodorizing block.....	V-block.....						
Follower-block.....	Valve-block.....						
Fuse-block.....	Wagon stop-block.....						
Fire-clay block.....	Wheel-block.....						
Block.....	W. F. Roberts.....	811,440	Jan. 30	5717	1197	120	1398

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Block.	A. B. Tarbox.	820,999	May 22	4057	863	122	1082
Block.	A. B. Tarbox.	823,231	June 12	2049	425	122	2225
Block and order signal. Interlocking.	J. G. Moore.	838,262	Dec. 11	1999	428-9	125	1894
Block-forming machine. Hollow.	W. Polk.	834,847	Oct. 30	5929	1258	124	2846
Block lifter. Hollow.	G. D. Rowell.	813,060	Feb. 20	3082	676	120	2249
Block-machine.	C. L. Scott.	825,489	July 10	1634	340	123	443
Block-mold.	J. C. Miller.	810,494	Jan. 23	3867	794	120	966
Block-mold.	J. R. Foster and F. P. Lang.	824,855	July 3	357	67	123	98
Block-mold.	J. Julian and G. Brooks.	833,836	Oct. 23	3708	791	124	2246
Block-mold.	J. A. Gibson.	834,052	Oct. 23	4305	914-15	124	2391
Block-molding machine.	H. P. Gates.	809,367	Jan. 9	1528	310	120	370
Block-molding machine.	A. J. Love.	811,647	Feb. 6	222	47-8	120	1534
Block-molding machine.	G. Wilhelm.	816,408	Mar. 27	4952	1052	121	1233
Block-molding machine.	G. E. McArthur and C. P. Springer.	834,155	Oct. 23	4536	962	124	2451
Block-molding machine.	E. N. Edwards.	837,550	Dec. 4	531	123	125	1488
Block-molding machine. Plastic.	T. F. Timby.	826,289	July 17	3232	669-70	123	849
Block-molding machine. Sidewalk.	A. P. Melton.	825,918	July 17	2522	525	123	672
Block or tile making machine.	D. I. and J. E. Pettit.	810,300	Jan. 16	3435	709	120	833
Block or tile press.	L. N. McCarter.	837,243	Nov. 27	4691	995-6	125	1290
Block-press.	P. L. Simpson.	826,751	July 24	4211	874-5	123	1117
Block-signal apparatus.	A. Bevan.	838,495	Dec. 11	2427	527-8	125	1999
Block-signal. Electric.	W. E. Sands.	836,895	Nov. 27	3984	851	125	1121
Block-signal. Safety.	L. V. Greene.	827,628	July 31	6087	1261-2	123	1598
Block-signal system.	L. A. Hawkins.	825,318	July 10	1261	266	123	346
Block-signal system.	M. R. Hanna.	829,783	Aug. 28	4302	909	123	2850
Block-signal system.	L. A. Hawkins.	834,129	Oct. 23	4489	952-3	124	2440
Block-signal system. Alternating-current.	M. R. Hanna.	835,419	Nov. 6	1103	238	125	278
Block-signal system. Automatic.	A. L. Bower.	817,036	Apr. 3	976	200	121	1576
Block-signal system. Electric.	P. J. Simmen.	819,677	May 1	1261	275	122	283
Block system. Automatic electric.	A. M. Mott.	813,909	Feb. 27	4773	1053-4	120	2671
Blood vessels. Means for tying.	A. W. Frentzen and J. Schoemaker.	825,121	July 3	858	178	123	227
Blotter.	F. Raupach.	835,323	Nov. 6	900	191	125	228
Blotter-holder.	E. M. Whittington.	821,912	May 29	5865	1247	122	1539
Blotter or blotting-pad.	H. Krandt.	817,073	Apr. 3	1035	215	121	1588
Blotting-pad.	J. Veit.	827,832	Aug. 7	282	58	123	1741
Blouse.	A. G. Huth.	817,172	Apr. 10	1233	254	121	1693
Blouse.	S. Oppenheim.	829,226	Aug. 21	3109	654	123	2511
Blow-off device for condensation-water. Automatic.	L. Fondu.	834,286	Oct. 30	4816	1019	124	2566
Blower.	A. E. Guy.	832,256	Oct. 2	489	91-2	124	1331
Blower. Fan.	L. R. Parvis.	819,079	May 1	89	20	122	24
Blower. Fan.	F. X. Müller.	820,431	May 15	2853	621	122	755
Blower. Fireplace and grate.	W. F. Lowry.	813,505	Feb. 27	3973	872	120	2498
Blower for explosion-engines. Engine-driven.	L. A. Frayer and W. J. Müller.	813,204	Feb. 20	3360	738	120	2307
Blower-head. Rotary.	G. C. Hicks, Jr.	838,541	Dec. 18	2529	547	125	2068
Blower. Pressure.	C. Neumann.	839,312	Dec. 25	4022	865	125	2479
Blower. Rotary.	C. C. Davis.	814,190	Mar. 6	363	74	121	79
Blowing-engine.	J. Fawell.	834,512	Oct. 30	5245	1114	124	2675
Blowing machinery.	A. C. E. Rateau.	827,750	Aug. 7	115	25	123	1698
Blowpipe.	W. M. Bradley.	810,257	Jan. 16	3333	692	120	810
Blowpipe.	C. Picard.	821,188	May 22	4421	941	122	1162
Blowpipe and Bunsen burner.	J. L. Young.	820,690	May 15	3360	720	122	866
Blowpipe apparatus.	J. Berg.	839,540	Dec. 25	4491	958	125	2593
Blue. Laundry.	R. G. Griswold and W. T. Donovan.	824,294	June 26	4079	.....	122	2780
Blue-print frame.	M. S. Whipkey.	830,269	Sept. 4	756	154	124	189
Blue-prints. Liquid separator and distributor for washing and potashing	C. F. Pease.	828,773	Aug. 14	2166	458	123	2239
Bluing. Laundry.	C. R. Groff.	826,567	July 24	3856	.....	123	1026
Bluing-package.	A. W. Holway.	836,382	Nov. 20	2946	624	125	826
Bluing-spoon.	A. O. Johnson.	829,652	Aug. 28	4017	851	123	2781
Board.							
See Bakeboard.	Meat-cutting board.						
Blackboard.	Molding-board.						
Bread and pastry board.	Panel-board.						
Bulletin-board.	Paper-board.						
Centerboard.	Piano sounding-board.						
Cloth-board.	Plaster-board.						
Distributing-board.	Scaffold-board.						
Drawing-board.	Scoop-board.						
Exhibition-board.	Score-board.						
Game-board.	Sign-board.						
Gin-roll board.	Sketch-board.						
Glass-cutting board.	Stove-board.						
Guide-board.	Surf-board.						
Ironing-board.	Switch-board.						
Kneading-board.	Tablet-board.						
Label-pasting board.	Washboard.						
Lap-board.	Whist-board.						
Board cutter. Tongued.	J. J. and G. W. Schilling.	833,942	Oct. 23	3948	839	124	2310
Boat.	J. C. Nichol.	825,340	July 10	1304	274	123	358
Boat.	N. Gilbert.	826,421	July 17	3484	725	123	911
Boat.	B. Tenneson.	828,072	Aug. 7	768	158-9	123	1860
Boat.	L. J. Butterfield.	829,058	Aug. 21	2743	576	123	2416
Boat.	T. Hanley.	829,782	Aug. 28	4300	909	123	2849
Boat.	J. N. Huff.	835,530	Nov. 13	1304	279-80	125	373
Boat.	W. A. Richardson.	839,321	Dec. 25	4052	869	125	2487
Boat and propelling-gear for same.	G. Nelson.	836,821	Nov. 27	3846	820	125	1085
Boat. Bicycle.	F. O. Hanson.	833,599	Oct. 16	3219	685	124	2084
Boat. Folding or collapsible.	I. O. Perring.	833,846	Oct. 23	3734	794	124	2253
Boat. High-speed motor.	T. H. Wheelless.	811,887	Feb. 6	678	148-9	120	1628
Boat holding-down and detaching device.	B. F. McHorney and E. J. Kelley.	819,022	Apr. 24	4937	1059	121	2600
Boat-launching apparatus. Ship's.	R. H. Robinson.	813,915	Feb. 27	4781	1056	120	2672

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Boat. Life.....	R. A. Brown.....	812,815	Feb. 20	2586	568	120	2138
Boat. Life.....	O. R. Ingersoll.....	828,852	Aug. 14	2313	492	123	2276
Boat. Life.....	O. Brude.....	835,498	Nov. 13	1240	267	125	358
Boat. Life-saving.....	A. Baumgart.....	811,815	Feb. 6	525	118	120	1597
Boat lowering and hoisting apparatus for use on ships. Life.....	J. Boag.....	829,054	Aug. 21	2733	574	123	2414
Boat. Marine.....	S. Pemberton and J. F. Deadman.....	811,171	Jan. 30	5206	1088-9	120	1290
Boat. Metallic.....	W. H. Mullins and W. C. Hare.....	819,784	May 8	1492	319	122	393
Boat. Motor.....	C. H. Spence.....	816,755	Apr. 3	396	90	121	1446
Boat. Sailing.....	T. Jensen.....	830,720	Sept. 11	1700	349-50	124	459
Boat. Stone.....	H. A. McLean.....	830,097	Sept. 4	376	76	124	91
Boat. Submarine.....	W. J. O'Haire.....	814,869	Mar. 13	1738	364	121	437
Boat. Submarine.....	J. P. Holland.....	815,350	Mar. 20	2753	573-4	121	706
Boat. Submarine.....	M. Naletoff.....	817,130	Apr. 3	1140	236	121	1613
Boat. Submarine.....	E. Niehoff.....	821,595	May 22	5223	1114	122	1338
Boat. Submarine.....	T. H. Wheelless.....	822,565	June 5	658	135-6	122	1871
Boats. Automatic safety-depth-regulating valve for submarine or submergible.....	L. Y. Spear and T. S. Bailey.....	820,372	May 8	2723	593-4	122	669
Boats. Construction of.....	B. C. Tuthill.....	832,435	Oct. 2	836	162	124	1413
Boats. Construction of submarine.....	T. H. Wheelless.....	811,886	Feb. 6	675	148	120	1628
Boats. Driving-gear of motor.....	H. C. Brasier.....	833,769	Oct. 23	3544	755	124	2207
Boats. Duct-keel for submarine.....	L. Y. Spear.....	821,895	May 29	5830	1240	122	1530
Boats. Immersion apparatus for submarine.....	E. A. Nilsen.....	834,161	Oct. 23	4546	964-5	124	2453
Boats. Means for propelling and steering or guiding.....	H. Buchman.....	827,232	July 31	5158	1071	123	1369
Boats. Power transmission for explosive-motor-driven.....	W. E. Collier.....	821,925	May 29	5891	1252	122	1544
Bobbin.....	C. C. Cost.....	815,683	Mar. 20	3418	714	121	854
Bobbin-boring machine.....	C. L. Bailey.....	828,176	Aug. 7	962	198-9	123	1907
Bobbin-holder.....	T. J. Murdock.....	809,624	Jan. 9	2059	427	120	484
Bobbin-holder.....	A. E. Rhoades.....	816,502	Mar. 27	5129	1087	121	1270
Bobbin-holder.....	S. W. Wardwell.....	829,306	Aug. 21	3267	688	123	2548
Bobbin-shaft attachment for twister-pliers.....	P. Hardman.....	819,134	May 1	196	40	122	50
Bobbin-tray.....	J. Lloyd.....	809,195	Jan. 2	1127	234-5	120	248
Bobbin-spring.....	G. M. Burgess.....	825,704	July 10	2130	445	123	766
Bodkin.....	L. F. Earl.....	822,728	June 5	1006	205	122	1950
Body-forming machine.....	A. Kent.....	811,566	Feb. 6	61	13	120	1498
Body-protector.....	T. B. Smith.....	819,091	May 1	115	25	122	30
Body-protector.....	G. L. Pierce.....	833,546	Oct. 16	3101	658	124	2054
Boiler: See Canning-boiler. Steam and hot-water Coffee-boiler. boiler. Egg-boiler. Tubular boiler. Hot-water boiler. Upright flue-boiler. Locomotive-boiler. Vegetable-boiler. Marine boiler. Vertical boiler. Sectional boiler. Water-heating boiler. Steam-boiler. Water-tube boiler.							
Boiler.....	E. Porritt.....	810,809	Jan. 23	4469	928	120	1097
Boiler.....	W. N. Rumely.....	812,529	Feb. 13	2039	447	120	1983
Boiler.....	S. Hallander.....	812,844	Feb. 20	2649	579-80	120	2151
Boiler.....	W. J. Sheetz.....	812,890	Feb. 20	2736	602	120	2171
Boiler.....	C. Vanderbilt.....	823,486	June 12	2533	531-5	122	2327
Boiler.....	J. H. Meissner.....	824,801	July 3	234	42-3	123	66
Boiler.....	A. M. Cushing.....	826,546	July 24	3811	790	123	1014
Boiler.....	M. Rapp.....	829,889	Aug. 28	4515	952-3	123	2901
Boiler.....	W. W. Bonson.....	830,129	Sept. 4	461	93	124	116
Boiler.....	H. Keller.....	834,137	Oct. 23	4504	956	124	2443
Boiler.....	F. S. Gulick.....	834,797	Oct. 30	5826	1236	124	2820
Boiler.....	R. W. Mewes.....	836,522	Nov. 20	3221	686-7	125	894
Boiler.....	G. Kingsley.....	837,847	Dec. 4	1123	251	125	1633
Boiler and furnace.....	E. Porritt.....	815,636	Mar. 20	3320	695-6	121	831
Boiler attachment.....	J. P. Faherty and J. H. M. Blackford.....	810,632	Jan. 23	4145	856	120	1026
Boiler attachment.....	J. Moffat.....	818,459	Apr. 24	3803	818	121	2354
Boiler blow-off connection. Steam.....	P. Mueller and J. C. White.....	818,775	Apr. 24	4474	958	121	2499
Boiler blow-out or cleaner. Steam.....	L. Scriba.....	831,192	Sept. 18	2606	519	124	718
Boiler-brace.....	L. G. Mong.....	819,020	Apr. 24	4934	1059	121	2599
Boiler-cleaner.....	J. G. Broman.....	822,575	June 5	687	140	122	1879
Boiler-cleaner.....	J. Hutchison.....	825,971	July 17	2626	546	123	702
Boiler-cleaner.....	H. C. Daley.....	830,574	Sept. 11	1384	287	124	371
Boiler-cleaner.....	C. F. Tucker.....	832,760	Oct. 9	1491	300	124	1612
Boiler-cleaner.....	C. H. Prescott.....	838,898	Dec. 18	3193	689	125	2229
Boiler-cleaning apparatus.....	W. O. Nordström.....	824,947	July 3	540	107	123	144
Boiler-cleaning compound.....	J. R. Greene, Jr.....	824,112	June 26	3723	.....	122	2704
Boiler-cleansing compound.....	J. Williams, Jr.....	821,844	May 29	5742	.....	122	1511
Boiler compound.....	P. B. Bird.....	810,838	Jan. 23	4510	.....	120	1106
Boiler construction.....	J. M. McClellan.....	813,986	Feb. 27	4916	1088	120	2700
Boiler-feeder.....	T. S. Horry.....	826,786	July 24	4275	889	123	1135
Boiler fire-box. Steam.....	C. W. Hullings.....	811,401	Jan. 30	5649	1182	120	1386
Boiler fire-boxes. Superheater for.....	G. D. Miller.....	821,662	May 29	5373	1145	122	1427
Boiler-flue.....	S. F. Pierce.....	814,074	Mar. 6	146	29	121	33
Boiler-flue.....	A. V. Walters.....	823,907	June 19	3353	715	122	2567
Boiler-flue.....	J. M. Crozier.....	829,509	Aug. 28	3728	792	123	2709
Boiler-flue cleaner.....	A. Grönvald.....	808,982	Jan. 2	723	156	120	160
Boiler-flue cleaner.....	C. Scheer.....	815,043	Mar. 13	2095	440	121	512
Boiler-flue-cleaning apparatus.....	E. A. Baker.....	822,813	June 5	1152	237	122	1981
Boiler-flue cutter.....	F. Roatch.....	819,598	May 1	1099	242	122	217
Boiler-flue-expander attachment.....	D. M. and A. C. Remson.....	835,556	Nov. 13	1347	289	125	383
Boiler flue, pipe, and tube cutting machine.....	F. G. Haas.....	839,135	Dec. 25	3686	793	125	2399
Boiler-furnace.....	S. F. Pierce.....	814,073	Mar. 6	144	29	121	32
Boiler-furnace.....	J. Collis.....	814,640	Mar. 6	1270	238	121	275
Boiler-furnace.....	E. F. Edgar.....	814,949	Mar. 13	1880	394-5	121	467
Boiler-furnace.....	E. D. Cousin.....	833,581	Oct. 16	3179	675	124	2074

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Boiler-furnace.....	P. Jackson.....	834,058	Oct. 23	4319	917-18	124	2394
Boiler-furnace.....	J. R. Fortune.....	835,106	Nov. 6	470	95-6	125	122
Boiler furnace. Locomotive.....	E. H. Wade and J. L. Nicholson.....	820,450	May 15	2888	628	122	764
Boiler furnace. Steam.....	B. E. Eldred.....	811,626	Feb. 6	191	41	120	1526
Boiler furnace. Steam.....	W. R. Hampden.....	813,380	Feb. 20	3712	816	120	2380
Boiler furnace. Steam.....	J. Monville and M. Roberts.....	822,537	June 5	598	120	122	1859
Boiler furnace. Steam.....	J. Livingstone.....	829,871	Aug. 28	4476	945	123	2891
Boiler-furnace. Steam-generating.....	I. M. Sullivan.....	838,364	Dec. 11	2177	472-3	125	1939
Boiler jacket. Steam.....	J. Fischer.....	832,755	Oct. 9	1548	318	124	1625
Boiler-pedestal.....	M. M. Hedges and G. L. Müller.....	826,162	July 17	3002	623	123	796
Boiler-scraper.....	F. Ludwig.....	829,024	Aug. 21	2669	562	122	2395
Boiler safety attachment.....	T. Small.....	824,214	June 26	3934	842	122	2750
Boiler-setting and blocks therefor.....	H. S. Marsh.....	808,853	Jan. 2	445	98	120	99
Boiler-stand.....	C. H. Foster.....	828,882	Aug. 21	2385	508	123	2324
Boiler-stand.....	C. H. Foster.....	836,747	Nov. 27	3710	791	125	1049
Boiler-stand.....	J. A. Gagnon.....	839,062	Dec. 18	3488	754	125	2302
Boiler stand and coupling. Combined.....	S. E. Hopper.....	822,843	June 5	1213	250	122	1993
Boiler stand. Range.....	C. H. Foster.....	834,377	Oct. 30	4997	1057	124	2611
Boiler stay-bolt.....	N. B. Jarriell.....	817,571	Apr. 10	2039	429	121	1861
Boiler superheater. Steam.....	F. J. Cole.....	810,619	Jan. 23	4123	852	120	1021
Boiler-supporting lug.....	C. S. Hooper.....	812,492	Feb. 13	1958	431	120	1965
Boiler-trap.....	C. Dennis.....	830,649	Sept. 11	1538	317	124	413
Boiler-tube.....	J. Whyte and A. M. Crossley.....	811,016	Jan. 30	4908	1024	120	1227
Boiler-tube.....	W. C. Bracken.....	813,768	Feb. 27	4473	988	120	2606
Boiler tube and flue scraper or cleaner. Steam.....	C. S. Dean.....	834,459	Oct. 30	5141	1092	124	2647
Boiler-tube cleaner.....	C. L. Charvat.....	821,087	May 22	4236	901	122	1121
Boiler-tube cleaner.....	E. Mettler.....	836,267	Nov. 20	2720	579	125	773
Boiler-tube cleaner. Automatic.....	A. F. Krause.....	834,306	Oct. 30	4852	1025	124	2574
Boiler-tube cleaner. Steam.....	D. F. Taber.....	839,523	Dec. 25	4461	951	125	2587
Boiler-tube cleaner. Steam.....	D. F. Taber.....	839,524	Dec. 25	4463	951	125	2587
Boiler-tube cleaners. Guard for.....	E. Mettler.....	811,862	Feb. 6	622	136	120	1616
Boiler-tube cleaners, &c. Turbine-motor for.....	H. F. Weinland.....	825,094	July 3	806	168	123	215
Boiler-tube cutter.....	G. F. Seymour.....	837,426	Dec. 4	300	72	125	1431
Boiler-tube cutting and fitting tool.....	P. W. and E. G. Chamberlain.....	819,516	May 1	952	208-9	122	213
Boiler water-feeding device. Steam.....	J. T. Innes.....	816,471	Mar. 27	5065	1075	121	1256
Boiler water gage and column. Steam.....	J. Engler.....	827,002	July 24	4688	977	123	1234
Boiler with superheating-tubes.....	W. Schmidt.....	823,551	June 19	2686	566-8	122	2419
Boilers and furnaces. Hinge and catch plate for.....	E. O. Haskins.....	825,722	July 10	2169	453	123	575
Boilers and the like. Grate for steam.....	B. F. Hart, Jr.....	820,785	May 15	3538	758	122	908
Boilers. Apparatus for maintaining hot-water or steam pressure in portable.....	C. C. Rich.....	811,245	Jan. 30	5354	1118	120	1322
Boilers. Apparatus for washing out and refilling locomotive.....	F. A. Gale.....	831,337	Sept. 18	2894	613-14	124	782
Boilers. Chemical-injector for steam.....	R. H. Fetta.....	823,941	June 19	3415	730	122	2580
Boilers, &c. Furnace for steam.....	A. S. Goldie.....	814,533	Mar. 6	1073	221	121	233
Boilers, furnaces, &c. Means for generating and applying heat for steam.....	A. Smallwood.....	833,639	Oct. 16	3295	700-1	124	2100
Boilers. Heat-diffuser for steam.....	A. Smallwood.....	833,642	Oct. 16	3302	701-2	124	2102
Boilers. Lantern and plug for water-tube.....	J. P. Prentice.....	821,739	May 29	5534	1180	122	1462
Boilers. Mechanical draft and mixing apparatus for flue.....	C. Smith.....	833,008	Oct. 9	1980	414	124	1728
Boilers. Recharging.....	F. A. Gale.....	831,336	Sept. 18	2892	613	124	782
Boilers. Smoke-consuming apparatus for steam.....	R. Spohd.....	814,331	Mar. 6	671	135	121	147
Boilers. System of water regulation for flash.....	H. Lemp.....	818,382	Apr. 17	3654	785	121	2266
Boilers. Tool for holding fire-bricks of water-tube.....	P. Heely and J. Keers.....	811,844	Feb. 6	589	129	120	1609
Boilers. Tool for spreading the tubes of water-tube.....	P. Heely and J. Keers.....	808,920	Jan. 2	589	130	120	129
Bolt-weevil exterminator.....	W. Meeks and D. Brown.....	833,138	Oct. 9	2238	472	124	1796
Bolster.....	A. E. Ostrander.....	809,736	Jan. 9	2272	471	120	532
Bolster and making the same. Body and truck.....	E. I. Dodds.....	825,025	July 3	685	139-40	123	180
Bolster. Body.....	S. M. Curwen.....	819,736	May 8	1392	300	122	372
Bolster. Body.....	T. M. Gallagher (Reissue).....	12,486	May 22	5248	1119	122	1344
Bolster. Body.....	C. A. Lindsfröm.....	834,311	Oct. 30	4861	1027	124	2576
Bolster. Body.....	W. D. Lowry.....	835,225	Nov. 6	699	144	125	177
Bolster. Body.....	A. E. Ostrander.....	836,134	Nov. 20	2448	515	125	706
Bolster. Body and truck.....	E. I. Dodds.....	825,024	July 3	685	138-9	123	180
Bolster. Body and truck.....	E. I. Dodds.....	825,032	July 3	699	143	123	185
Bolster construction.....	E. I. Dodds.....	825,022	July 3	682	138	123	178
Bolster construction. Body.....	O. S. Pulliam.....	833,085	Oct. 9	2129	448	124	1767
Bolster. Spring.....	J. H. Threlkeld.....	819,385	May 1	714	152	122	163
Bolt:							
See Boiler stay-bolt.....	Lewis-bolt.....						
Door-bolt.....	Multiple bolt.....						
Expansion-bolt.....	Screw-bolt.....						
Gravity-bolt.....	Stay-bolt.....						
Hitching-bolt.....	Threadless bolt.....						
King-bolt.....							
Bolt.....	C. J. Caley.....	831,036	Sept. 18	2282	482	124	635
Bolt-anchor.....	F. C. Palmer.....	833,542	Oct. 16	3092	656	124	2053
Bolt and nut lock. Combined.....	O. E. Quitman, Jr.....	824,382	June 26	4256	907	122	2816
Bolt-casing.....	J. S. Rapson.....	836,463	Nov. 20	3110	660	125	865
Bolt-clipper.....	J. Pulvitt.....	809,843	Jan. 9	2462	512	120	574
Bolt-clipper.....	H. K. Porter.....	830,453	Sept. 4	1117	234	124	276
Bolt-clipper and punch.....	J. L. Painter.....	812,225	Feb. 13	1444	315	120	1855
Bolt coupling. King.....	W. L. Green.....	811,496	Jan. 30	5806	1216	120	1417
Bolt-cutting machine.....	C. K. Lassiter.....	829,972	Sept. 4	110	19	124	27
Bolt heading and bending machine.....	C. T. Robert.....	827,558	July 31	5959	1235-6	123	1562
Bolt-heading implement.....	W. H. Sayer.....	839,651	Dec. 25	4725	1009	125	2649
Bolt-locking washer.....	H. W. Ketcham.....	813,714	Feb. 27	4378	966	120	2586
Bolt-machine.....	J. K. Koons.....	811,411	Jan. 30	5664	1187-8	120	1388
Bolt mechanism. Multiple.....	S. S. Hawley.....	809,184	Jan. 2	1103	229	120	243
Bolt operating and locking mechanism.....	W. J. Kasselmann.....	812,044	Feb. 6	1029	224-5	120	1698
Bolt or nail extractor.....	E. Jensen.....	832,387	Oct. 2	740	144	124	1390
Bolt-retainer.....	P. T. O'Leary.....	831,464	Sept. 18	3128	662-3	124	842
Bolt-retaining device.....	D. S. Kohler.....	821,297	May 22	4633	988	122	1208

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bolt threading and tapering machine.....	R. Kienzl.....	814,655	Mar. 6	1305	274-5	121	282
Bolt-threading machine.....	J. H. Haskins.....	816,322	Mar. 27	4761	1007-9	121	1193
Bolt-trimming machine.....	R. J. Rodd.....	835,255	Nov. 6	763	160	125	193
Bolts and retracting the threads thereon. Tool for straightening.....	J. D. Edmonds.....	816,570	Apr. 3	30	8	121	1360
Bolts. Machine for producing lath-.....	H. C. Erickson.....	820,855	May 15	3710	791	122	945
Bolts, rivets, and the like. Upsetting or heading machine for.....	P. R. Duncan.....	837,919	Dec. 11	1268	278-9	125	1711
Bolting-cloths. Cleaning device for.....	G. H. Shuler.....	831,112	Sept. 18	2463	520	124	675
Bolting-machine.....	J. M. Case.....	808,724	Jan. 2	205	44	120	47
Bond.....	F. B. Badt and G. N. Willis.....	826,136	July 17	2951	613	123	783
Bond-detectors. Receiving device for.....	H. A. Watson.....	837,440	Dec. 4	324	77	125	1437
Bonding or tying device.....	W. B. Thines.....	809,231	Jan. 2	1214	248	120	268
Bone-black. Treating.....	J. E. Siebel.....	831,805	Sept. 25	3829	.....	124	1062
Book and job chase.....	O. Howard.....	812,425	Feb. 13	1835	403	120	1939
Book and portfolio clasp.....	H. B. Nissly.....	826,957	July 24	4604	960	123	1215
Book-back. Loose-leaf.....	W. J. Schultz and H. Gerding.....	812,602	Feb. 13	2190	477	120	2011
Book-back. Solid.....	A. C. Hafely.....	823,168	June 12	1892	390	122	2189
Book. Banking.....	F. McClain.....	827,935	Aug. 7	475	97-8	123	1790
Book. Blank.....	P. J. Golden.....	826,564	July 24	3852	797	123	1025
Book. Car-report-sheet.....	E. E. Betts.....	832,451	Oct. 2	874	168	124	1422
Book-carrier.....	J. W. Johnson.....	838,786	Dec. 18	2993	645	125	2181
Book. Copy.....	J. W. C. Gilman.....	819,877	May 8	1676	360	122	439
Book, copy-holder, and tool-kit. Combination note-.....	G. H. Richardson.....	839,643	Dec. 25	4706	1005	125	2645
Book-cover.....	C. A. Johnson.....	823,605	June 19	2777	588	122	2439
Book cover and binder. Loose-leaf note-.....	W. A. Wirt.....	826,460	July 17	3566	743	123	933
Book-cover. Detachable.....	P. Meissner.....	838,559	Dec. 18	2561	553	125	2076
Book-cover-making machine.....	C. Leffler.....	834,011	Oct. 23	4219	894-5	124	2370
Book-holder.....	J. N. Miller.....	813,227	Feb. 20	3410	751	120	2316
Book-holder.....	E. J. Myers.....	819,910	May 8	1744	375	122	454
Book-holder.....	M. H. P. Catlin.....	825,262	July 3	1138	241	123	296
Book-holder. Note-.....	W. B. Slife.....	837,002	Nov. 27	4224	899	125	1175
Book-holder or reading-desk.....	E. Power and E. J. Gosling.....	825,072	July 3	762	159-60	123	204
Book. Land reference-.....	A. B. Mitchell and S. Smith, Jr.....	839,173	Dec. 25	3754	811	125	2415
Book-leaf. Detachable.....	M. G. Swan.....	818,130	Apr. 17	3148	678	121	2160
Book-leaf holder.....	C. A. Monson.....	828,950	Aug. 21	2521	534	123	2360
Book-leaf or the like. Flexible.....	G. Higginson.....	835,887	Nov. 13	1969	417	125	536
Book. Loose-leaf.....	G. H. Manger.....	811,730	Feb. 6	362	80	120	1566
Book. Loose-leaf.....	J. W. Cleland.....	828,640	Aug. 14	1903	400	123	2173
Book. Manifold sales.....	H. H. Winslow.....	838,293	Dec. 11	2053	443	125	1906
Book. Manifolding.....	A. J. Midgard.....	818,388	Apr. 17	3665	787	121	2269
Book. Manifolding.....	C. A. Monson.....	828,496	Aug. 14	1623	343	123	2101
Book. Manifolding account.....	B. A. Baxter.....	823,755	June 19	3059	648	122	2499
Book. Manifolding account.....	B. A. Baxter.....	823,756	June 19	3060	648	122	2500
Book. Memorandum.....	J. J. Hoey.....	814,699	Mar. 13	1419	295	121	370
Book. Note.....	J. C. Hackmann and W. H. Palmer.....	808,652	Jan. 2	66	14	120	17
Book-mark.....	J. A. Walsh.....	828,353	Aug. 14	1342	283	123	2027
Book-mark.....	F. Crouch.....	838,386	Dec. 11	2228	482	125	1950
Book-mark and page-holder.....	E. L. Reynolds.....	824,144	June 26	3783	807	122	2171
Book-marker. Adjustable and automatic.....	J. F. Wise.....	827,837	Aug. 7	294	61	123	1743
Book-rings in position. Means for retaining.....	L. M. Morden.....	836,127	Nov. 20	2426	512	125	700
Book. Sales.....	H. F. Brown.....	831,023	Sept. 11	2237	473	124	590
Book. Sales.....	A. F. Staples.....	835,041	Nov. 6	328	70	125	84
Book. Sales-check.....	A. L. McLeish.....	808,865	Jan. 2	463	102	120	103
Book. Shipping.....	J. W. Place and H. L. Conter.....	814,871	Mar. 13	1743	365	121	439
Book-stand.....	R. G. Tuttle.....	839,339	Dec. 25	4079	875	125	2493
Book-stapling machine.....	A. E. Lind.....	832,681	Oct. 9	1336	269-71	124	1574
Book-strap.....	M. H. Karibo.....	813,216	Feb. 20	3394	748	120	2313
Book-support.....	J. Maccallum.....	809,315	Jan. 9	1424	288	120	347
Book-support.....	R. E. Halsell and A. B. Campbell.....	810,141	Jan. 16	3089	638	120	760
Book-support.....	F. E. Ruger.....	816,380	Mar. 27	4878	1035-6	121	1218
Book-support.....	E. Smering.....	816,507	Mar. 27	5140	1089	121	1273
Book-support.....	E. W. Barker.....	820,170	May 8	2343	510	122	584
Book-support.....	A. B. Brown.....	820,471	May 15	2931	636	122	773
Book-support.....	J. C. Dana.....	822,191	May 29	6403	1359	122	1661
Book-support.....	H. L. Cowing.....	826,767	July 24	4248	883	123	1128
Book-support.....	W. T. Shea.....	831,193	Sept. 18	2607	549	124	708
Book-support.....	J. Maccallum.....	833,887	Oct. 23	3828	813	124	2277
Book-support clamp.....	F. E. Ruger.....	818,917	Apr. 24	4732	1016	121	2555
Book-trimmer.....	A. Bredenberg.....	821,080	May 22	4220	897-8	122	1118
Book-trimmer.....	S. K. White.....	826,075	July 17	2839	589-90	125	756
Books, &c. Apparatus for the automatic delivery, on sale or hire, of.....	H. Pottin.....	838,897	Dec. 18	3190	688-9	125	2229
Books. Divided ring for loose-leaf.....	L. M. Morden.....	839,403	Dec. 25	4200	899-900	125	2525
Books. Dust-guard for.....	F. N. Gilbert.....	833,318	Oct. 16	2633	553	124	1943
Books. Machine for casing in.....	J. R. Reynolds.....	832,082	Oct. 2	104	23-4	124	1237
Books. Manifolding-sheet for loose-leaf.....	C. Rust, Jr.....	827,754	Aug. 7	122	27	123	1700
Books. Memorandum attachment for.....	J. Appleton.....	825,174	July 3	969	204	123	253
Books, papers, or cards. Machine for holding, cutting, and ornamenting the edges of.....	G. Ritchie.....	824,671	June 26	4839	1032-3	122	2942
Bookbinder.....	D. McCann.....	818,777	Apr. 24	4477	959	121	2500
Bookbinder's gage.....	A. Von Auw.....	809,411	Jan. 9	1638	337	120	393
Bookbinder's plow.....	J. Hinklein.....	812,998	Feb. 20	2950	650	120	2218
Bookbinding-table.....	T. A. Briggs.....	829,457	Aug. 28	3618	760	123	2682
Bookbinding.....	M. S. Moll.....	829,988	Sept. 4	148	25	124	36
Bookcase.....	F. W. Tobey.....	810,233	Jan. 16	3284	680	120	800
Bookcase. Sectional.....	L. Faust and W. A. Brolin.....	835,507	Nov. 13	1259	270	125	362
Bookcase. Sectional.....	L. Faust and W. A. Brolin.....	835,508	Nov. 13	1260	270-1	125	362
Bookcase. Sectional.....	L. Faust and W. A. Brolin.....	837,293	Dec. 4	40	12-13	125	1364
Bookcase support. Sectional.....	F. W. Tobey.....	835,582	Nov. 13	1408	302	125	400
Bookkeeping-machine.....	M. M. Cohn.....	822,584	June 5	708	143-4	122	1884
Boom for steam-shovels and the like. Composite.....	W. Ferris.....	812,264	Feb. 13	1531	334	120	1874

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Booster-regulator.	J. Bijur.	839,710	Dec. 25	4843	1035	125	2679
Booster safety device.	J. D. Hilliard, Jr.	838,407	Dec. 11	2265	490	125	1959
Boot and shoe.	S. Wilde.	812,443	Feb. 13	1868	411	120	1946
Boot and shoe.	C. Radotinsky.	837,726	Dec. 4	908	206	125	1581
Boot and shoe cleaner.	F. L. Rolph.	821,193	May 22	4432	944	122	1165
Boot and shoe cleaning and polishing machine.	B. F. Lloyd.	813,904	Feb. 27	4759	1051	120	2668
Boot and shoe filler.	A. Lewis.	815,599	Mar. 20	3237	680	121	813
Boot and shoe form.	J. S. Hansen.	834,053	Oct. 23	4307	915	124	2391
Boot and shoe holding rack.	S. L. Saunders.	836,218	Nov. 20	2612	551	125	746
Boot and shoe manufacture. Nailing, slugging, or like machine for use in.	W. E. Maddison and W. Downs.	817,179	Apr. 10	1253	259-60	121	1698
Boot and shoe protector.	C. W. Linthicum.	808,666	Jan. 2	87	19	120	21
Boot and shoe shank-piece.	W. H. Baynard.	815,327	Mar. 20	2708	564	121	696
Boot and shoe tacking machine.	E. Nolle.	817,660	Apr. 10	2190	465-6	121	1893
Boot and shoe tree.	S. French.	816,453	Mar. 27	5030	1067	121	1249
Boot and shoe varnishing machine.	E. G. Ericson.	826,235	July 17	3139	652	123	826
Boot and shoe ware and other goods. Appliance for inserting beading in.	E. Townsend.	830,855	Sept. 11	1943	408	124	521
Boot and the like stretching device.	M. Tonko.	820,942	May 15	3903	833	122	988
Boot-black-stand recording device.	C. Broughton.	833,118	Oct. 9	2193	461	124	1783
Boot-bodies. Apparatus for making felted.	H. C. Richardson.	829,487	Aug. 28	3674	776	123	2695
Boot-calk.	C. Pfeiffer.	817,090	Apr. 3	1061	220	121	1593
Boot-cleaner.	J. C. Scoggins.	826,806	July 24	4309	896	123	1143
Boot. Hockey.	J. A. McPherson.	811,316	Jan. 30	5492	1145	120	1352
Boot. Interfering.	J. Trueb.	819,473	May 1	878	191	122	197
Boot or shoe holder.	H. O. Miller.	838,198	Dec. 11	1859	398	125	1862
Boot or shoe polishing machine.	C. Biladeau and A. P. Chapdelaine. (Reissue.)	12,466	Mar. 27	5239	1111	121	1297
Boot-polishing machine.	G. A. Plinos.	837,720	Dec. 4	894	201-2	125	1576
Boot. Sporting.	D. J. Golden.	832,855	Oct. 9	1700	350	124	1662
Boot tree and last.	F. Zeisberger and W. Scott.	817,949	Apr. 17	2800	606	121	2085
Boot-tree and the like.	F. von Essen.	823,853	June 19	3252	688	122	2544
Boots and shoes. Apparatus for rubbing or treeing.	M. J. Smith.	817,453	Apr. 10	1807	380	121	1814
Boots and shoes. Cushion-tread and the like for.	L. R. Luchterhand and H. W. Newton.	809,964	Jan. 16	2717	559	120	681
Boots and shoes. Detachable tread for.	N. J. Busby.	836,364	Nov. 20	2904	616	125	817
Boots and shoes. Machine for paring and finishing.	H. G. Rodges.	827,570	July 31	5961	1236	123	1563
Boots and shoes. Making.	P. Hébert.	836,972	Nov. 27	4152	886	125	1158
Boots or shoes. Attachment for golf or tennis.	H. Sandeman.	825,869	July 10	2440	509	123	641
Bootjack.	H. Weber.	835,147	Nov. 6	553	112	125	141
Booth. Dressing.	T. A. McGuire.	813,661	Feb. 27	4282	942	120	2566
Bordering-machine.	W. R. Phillips.	830,612	Sept. 11	1444	300-2	124	386
Bore-holes. Means for surveying.	H. F. Marriott.	830,730	Sept. 11	1724	356-7	124	465
Boring and turning mill.	J. Riddell.	834,218	Oct. 23	4654	987	124	2480
Boring apparatus. Deep.	W. Włodarczyk.	812,541	Feb. 13	2057	451-2	120	1986
Boring-bar.	J. Riddell.	818,294	Apr. 17	3476	748	121	2230
Boring-bar.	S. and F. P. Dyer.	819,743	May 8	1405	302	122	374
Boring-bars. Tool-carrier for.	C. F. Owen.	815,630	Mar. 20	3308	693	121	829
Boring-bit or auger.	N. Zangerle.	815,247	Mar. 13	2510	522	121	606
Boring device.	J. Press.	833,001	Oct. 9	1971	412	124	1726
Boring implement.	J. F. and W. G. Pierce.	836,212	Nov. 20	2602	549	125	744
Boring-machine.	P. H. and O. T. X. Adams.	811,684	Feb. 6	290	65	120	1549
Boring-machine.	A. J. Turner.	818,925	Apr. 24	4747	1020	121	2558
Boring-machine.	I. Young.	825,791	July 10	2299	479	123	607
Boring-machine.	C. Hird.	836,684	Nov. 27	3559	759	125	1010
Boring-machine. Cylinder.	J. H. Gouldsberry.	810,114	Jan. 16	3032	631	120	752
Boring-machine. Hand.	J. W. Cone.	829,844	Aug. 28	4421	933	123	2879
Boring-machine. Multiple.	D. P. Page and A. Vanderveld.	819,587	May 1	1083	238	122	243
Boring-machine. Taper.	A. Fernandez.	816,554	Apr. 3	609	127-8	121	1494
Boring mechanism.	E. Waldron.	826,755	July 24	4227	878	123	1122
Boring-rods. Supporting means for.	A. McNamara.	827,814	Aug. 7	252	51	123	1734
Boring-tool.	C. Baar.	810,602	Jan. 23	4086	842	120	1012
Boring-tool and arbor.	H. Kootz and C. F. Fisher.	817,377	Apr. 10	1640	347	121	1779
Boring-tool, reamer, and the like.	T. Burns.	817,042	Apr. 3	985	202	121	1578
Borneol. Making.	A. Hesse.	826,165	July 17	3007	123	797	
Bottle. Making.	J. M. Cutler.	810,727	Jan. 23	4312	896	120	1064
Bottle.	W. W. McLaren.	816,358	Mar. 27	4843	1026	121	1210
Bottle.	J. C. Anderson.	816,419	Mar. 27	4970	1056	121	1237
Bottle.	J. C. Anderson.	817,033	Apr. 3	970	199	121	1575
Bottle.	I. F. Gordon.	817,705	Apr. 10	2260	486	121	1908
Bottle.	J. D. Harriss and C. F. Hogan.	818,623	Apr. 24	4160	894	121	2430
Bottle.	F. E. Allen.	818,809	Apr. 24	4549	975	121	2515
Bottle.	J. F. Moore.	819,155	May 1	230	49	122	57
Bottle.	L. A. Calhoun.	820,093	May 8	2196	478	122	552
Bottle.	J. W. McGowan.	821,114	May 22	4279	910	122	1130
Bottle.	E. W. Austen.	821,579	May 22	5189	1107	122	1329
Bottle.	H. D. Schaad.	823,639	June 19	2855	604	122	2458
Bottle.	R. Sauer.	824,210	June 26	3925	841	122	2748
Bottle.	W. F. Smart.	824,447	June 26	4395	935	122	2843
Bottle.	A. A. Boschelli.	824,706	July 3	20	4	123	9
Bottle.	E. J. Miller.	826,261	July 17	3188	660	123	839
Bottle.	J. T. Brillhart.	826,919	July 24	4544	945	123	1200
Bottle.	I. C. Dilks.	827,853	Aug. 7	326	69	123	1751
Bottle.	M. J. Fitzsimmons.	828,103	Aug. 7	837	172	123	1877
Bottle.	D. C. Breed.	828,707	Aug. 14	2032	429	123	2204
Bottle.	R. Pitt.	830,001	Sept. 4	175	31	124	43
Bottle.	L. Anderson.	831,133	Sept. 18	2500	527	124	683
Bottle.	B. Ormerod.	831,237	Sept. 18	2689	565	124	728
Bottle.	A. Bloom.	832,452	Oct. 2	876	168	124	1422
Bottle.	M. D. Lyke.	834,014	Oct. 23	4226	896	124	2372
Bottle.	A. B. Adair.	834,960	Nov. 6	154	31	125	43
Bottle.	P. T. Tkatzschenko.	835,266	Nov. 6	784	164	125	198
Bottle.	E. M. Smith, Jr.	836,539	Nov. 20	3257	693	125	902
Bottle.	M. L. Ambrose.	836,852	Nov. 27	3901	833	125	1099
Bottle.	W. L. Vandergoot and N. P. J. Folen.	837,159	Nov. 27	4542	963	125	1252

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bottle.....	E. Miller.....	838,130	Dec. 11	1721	370	125	1827
Bottle.....	S. G. Wise.....	838,929	Dec. 18	3247	701	125	2241
Bottle and bottle-closure.....	A. Eimer.....	837,812	Dec. 4	1056	235	125	1615
Bottle and box wrapper and label. Combined.....	J. H. Parrish.....	828,770	Aug. 14	2155	456	123	2236
Bottle and cap therefor.....	F. E. Ström and C. E. Elfström.....	837,648	Dec. 4	748	171	125	1539
Bottle and jar cap.....	A. Calleson.....	818,741	Apr. 24	4395	941	121	2482
Bottle and stopper. Milk.....	C. M. Conley.....	830,886	Sept. 11	1991	419	124	533
Bottle. Antirefillable.....	F. Margert.....	835,862	Nov. 13	1926	407	125	526
Bottle. Antirefilling.....	H. O. Richter.....	819,169	May 1	250	54	122	62
Bottle. Antirefilling.....	O. Stegmaier.....	829,178	Aug. 21	3020	630	123	2488
Bottle. Artist's.....	R. Weber.....	822,793	June 5	1107	230	122	1971
Bottle attachment.....	W. A. Davis.....	815,688	Mar. 20	3434	717	121	857
Bottle attachment.....	H. B. Studley.....	820,679	May 15	3341	716	122	862
Bottle attachment.....	W. D. Chappelle.....	836,013	Nov. 13	2180	467	125	586
Bottle attachment.....	C. L. P. Handy.....	836,033	Nov. 13	2210	473	125	594
Bottle attachment. Non-refillable.....	E. A. Sullivan.....	818,312	Apr. 17	3522	756	121	2239
Bottle attachment. Non-refillable.....	E. A. Sullivan, T. W. Pritchard, and R. W. C. Ellison.....	818,313	Apr. 17	3524	756	121	2239
Bottle-cap.....	C. H. Johnson.....	815,837	Mar. 20	3777	796	121	928
Bottle-cap.....	C. P. Byrnes.....	822,099	May 29	6219	1326	122	1619
Bottle cap and brush.....	J. Lane.....	816,481	Mar. 27	5089	1079	121	1261
Bottle-cap and cork-puller. Combined.....	R. C. Wilson.....	811,113	Jan. 30	5074	1060	120	1262
Bottle-cap fastener.....	G. A. Williams.....	822,567	June 5	669	136	122	1875
Bottle-cap-finishing die.....	C. E. McManus.....	822,755	June 5	1046	214	122	1958
Bottle-cap lifter.....	A. C. Booth.....	812,257	Feb. 13	1501	329	120	1866
Bottle-cap-reshaping machine.....	G. G. Glenn.....	826,327	July 17	3319	685	123	872
Bottle-cap. Wax-paper.....	G. W. Harrington.....	828,817	Aug. 14	2244	477	123	2259
Bottle-capping machine.....	H. Müller and E. Zipprich.....	812,068	Feb. 6	1069	233-4	120	1706
Bottle-capping machine.....	S. C. Miller.....	817,129	Apr. 3	1138	236	121	1613
Bottle-capping machine. Milk.....	U. S. Markland.....	837,237	Nov. 27	4680	993	125	1288
Bottle-capping machines. Feeding mechanism for.....	W. Hoggard.....	837,065	Nov. 27	4360	924	125	1209
Bottle cleaning and rinsing apparatus.....	A. A. Pindstofte.....	835,866	Nov. 13	1932	408	125	528
Bottle-cleaning apparatus.....	E. Weymar.....	836,291	Nov. 20	2773	589	123	788
Bottle-cleaning machine.....	C. H. Loew.....	813,012	Feb. 20	2978	656	120	2224
Bottle-cleaning machine.....	C. H. Loew.....	813,100	Feb. 20	3153	690	120	2263
Bottle-clip.....	J. J. McGarry.....	816,244	Mar. 27	4578	974	121	1153
Bottle-closing device.....	A. C. Witzel.....	820,032	May 8	2058	450	122	521
Bottle-closure.....	C. M. Brodnax and P. F. King.....	808,629	Jan. 2	18	4	120	6
Bottle-closure.....	J. Herrington.....	809,258	Jan. 2	1300	265	120	286
Bottle-closure.....	J. C. Condo.....	809,427	Jan. 9	1669	342	120	309
Bottle-closure.....	F. W. H. Clay.....	811,824	Feb. 6	542	121	120	1600
Bottle-closure.....	F. W. H. Clay.....	811,825	Feb. 6	544	121	120	1601
Bottle-closure.....	A. and D. Celenza.....	813,198	Feb. 20	3348	736	120	2305
Bottle-closure.....	A. M. Taylor.....	817,532	Apr. 10	1964	415	121	1846
Bottle-closure.....	E. Taylor.....	818,798	Apr. 24	4521	966	121	2510
Bottle-closure.....	J. Porter and F. C. Mayer.....	819,594	May 1	1094	241	122	246
Bottle-closure.....	C. Hammer.....	821,488	May 22	5035	1072	122	1298
Bottle-closure.....	C. H. Lyons.....	822,141	May 29	6294	1341	122	1636
Bottle-closure.....	L. Lawton.....	822,960	June 12	1448	302	122	2090
Bottle-closure.....	H. S. Brewington.....	823,026	June 12	1600	331	122	2126
Bottle-closure.....	H. S. Brewington.....	823,027	June 12	1601	331	122	2126
Bottle-closure.....	G. Kirkegaard.....	823,125	June 12	1811	373	122	2170
Bottle-closure.....	W. J. Mueller.....	824,504	June 26	4509	956	122	2871
Bottle-closure.....	J. C. Kimsey.....	824,661	June 26	4821	1028	122	2938
Bottle-closure.....	I. C. Dilks and J. Park, Jr.....	825,962	July 17	2613	543	123	699
Bottle-closure.....	C. E. McManus.....	826,796	July 24	4293	893	123	1139
Bottle-closure.....	H. A. Olsson. (Reissue).....	12,529	Sept. 4	1194	249	124	295
Bottle-closure.....	H. A. Olsson.....	830,735	Sept. 11	1736	358	124	468
Bottle-closure.....	J. G. Klee.....	830,903	Sept. 11	2026	426	124	541
Bottle-closure.....	E. Fluehr.....	832,898	Oct. 9	1782	368	124	1682
Bottle-closure.....	W. J. Frey.....	836,677	Nov. 27	3542	756	125	1005
Bottle-closure.....	F. H. Bills.....	837,779	Dec. 4	996	223	125	1601
Bottle-closure-branding machine.....	O. H. Jung.....	818,893	Apr. 24	4687	1005-6	121	2544
Bottle-closure. Valved.....	A. H. Lewis.....	835,706	Nov. 13	1629	347	125	454
Bottle-corking machine.....	R. J. Schlosser and H. R. Fisher.....	809,850	Jan. 9	2473	515	120	577
Bottle. Corkless non-refillable.....	R. I. Maxwell.....	816,170	Mar. 27	4443	940	121	1125
Bottle. Coupon.....	I. H. Vendig.....	823,008	June 12	1549	322	122	2114
Bottle detector and identity-destroyer. Refilled.....	E. S. Hayford.....	810,647	Jan. 23	4170	862	120	1032
Bottle. Dispensing.....	K. A. Frieseke.....	814,953	Mar. 13	1886	397	121	468
Bottle drip attachment.....	M. Petrie.....	811,742	Feb. 6	384	84	120	1570
Bottle-drying rack.....	F. H. Jaquith.....	829,475	Aug. 28	3653	772	123	2691
Bottle-fastener.....	P. M. Peterson.....	823,437	June 12	2424	510	122	2303
Bottle-filler.....	T. L. Valerius.....	833,988	Oct. 23	4153	882	124	2353
Bottle filler. Siphon.....	W. J. Stapleton.....	835,001	Nov. 6	246	54	125	65
Bottle-filling apparatus.....	C. F. Reinhardt.....	815,741	Mar. 20	3550	745-6	121	881
Bottle-filing device.....	J. E. Wister and G. T. Townsley.....	813,761	Feb. 27	4459	985-6	120	2603
Bottle-filing machine.....	F. B. Thatcher.....	809,407	Jan. 9	1628	331-2	120	391
Bottle-filing machine.....	C. F. Jenkins.....	828,117	Aug. 7	858	176	123	1882
Bottle-filing machine.....	E. B. Cramblit.....	832,298	Oct. 2	566	107-8	124	1350
Bottle-filing machines. Valve for counter-pressure.....	C. L. Bastian.....	833,365	Oct. 16	2720	574	124	1967
Bottle. Fraud-preventive.....	A. J. K. Genella.....	833,684	Oct. 16	3383	718-19	124	2121
Bottle-heater.....	H. H. Waugh.....	820,029	May 8	2047	449	122	518
Bottle-holder.....	E. L. Drinkwater.....	814,524	Mar. 6	1056	218	121	229
Bottle-holder.....	C. Richter.....	822,984	June 12	1497	311	122	2104
Bottle-holder.....	R. B. Gilchrist.....	823,678	June 19	2927	619	122	2474
Bottle-holder.....	M. Elb.....	831,148	Sept. 18	2526	532	124	689
Bottle holder and opener. Combined.....	J. T. Mulvaney and C. F. Keller.....	815,971	Mar. 27	4026	852	121	1032
Bottle holder. Ink.....	E. L. Drinkwater.....	822,725	June 5	999	204	122	1948
Bottle holder. Milk.....	F. E. Smith.....	832,754	Oct. 9	1483	298	124	1610
Bottle holder. Nursing.....	P. A. A. Killam.....	808,848	Jan. 2	434	96	120	96
Bottle holder. Nursing.....	P. J. Timberlake.....	814,574	Mar. 6	1148	239	121	249
Bottle holder. Nursing.....	M. E. Gregory.....	815,815	Mar. 20	3711	782	121	914
Bottle holder. Nursing.....	E. S. Lewis.....	816,105	Mar. 27	4310	913	121	1097
Bottle holder. Nursing.....	A. H. Oberg.....	827,559	July 31	5943	1232	123	1559
Bottle-holding rack.....	O. Eick.....	808,824	Jan. 2	397	86	120	88

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bottle. Hot-water.	E. J. Schutz.	809,141	Jan. 2	1028	212	120	226
Bottle. Hot-water.	E. J. Schutz.	809,142	Jan. 2	1029	213	120	226
Bottle. Indicating.	E. Atkinson.	824,838	July 3	326	59	123	40
Bottle-indicator.	W. H. Bixler.	819,972	May 8	1911	423	122	486
Bottle-indicator.	F. A. Frkovic.	820,106	May 8	2221	482	122	559
Bottle. Ink or mucilage.	J. C. W. Miller.	835,972	Nov. 13	2113	453	125	570
Bottle-labeling machine.	T. Pankow.	811,576	Feb. 6	83	17	120	1503
Bottle-lock.	J. Solatinow.	818,984	Apr. 24	4864	1044	121	2583
Bottle-lock.	G. A. Quimby.	828,053	Aug. 7	725	149	123	1850
Bottle. Lock.	F. E. De Mars.	832,042	Oct. 2	33	8	124	1220
Bottle-locking device.	E. F. Strobel.	815,654	Mar. 20	3357	702	121	839
Bottle-locking mechanism.	P. A. Degener.	833,446	Oct. 16	2902	615	124	2010
Bottle-making apparatus.	J. D. Cox.	821,610	May 29	5271	1124	122	1405
Bottle-making device.	A. Philippoteaux.	814,800	Mar. 13	1620	340	121	413
Bottle. Measured-delivery.	H. Raymond.	825,350	July 10	1320	277-8	123	362
Bottle. Measuring.	W. T. Sears.	836,466	Nov. 20	3114	660	125	866
Bottle. Medicine.	L. Perotti.	824,738	July 3	73	15	123	22
Bottle-mold.	T. C. Duffield.	820,403	May 15	2797	608	122	745
Bottle-mold.	T. C. Duffield.	820,404	May 15	2799	609-10	122	745
Bottle. Mucilage.	F. M. Munroe.	813,813	Feb. 27	4564	1009	120	2626
Bottle. Mucilage.	R. E. Kuter.	835,955	Nov. 13	2090	446	125	565
Bottle. Multiple-compartment.	H. Raymond.	825,680	July 10	2090	435	123	557
Bottle-neck.	T. A. Huffer.	817,247	Apr. 10	1392	293	121	1727
Bottle neck and stopper.	S. D. Rodgers.	816,744	Apr. 3	374	87	121	1443
Bottle-neck making and finishing device.	W. S. and H. H. Breeden.	830,408	Sept. 4	1028	215	124	254
Bottle-neck-shaping tool.	C. House.	818,691	Apr. 24	4288	920	121	2458
Bottle. Non-refillable.	F. M. Osgood.	809,212	Jan. 2	1164	241	120	256
Bottle. Non-refillable.	F. J. Davis.	809,249	Jan. 2	1282	261	120	282
Bottle. Non-refillable.	W. J. Dolan and F. H. Shoemaker.	809,289	Jan. 9	1367	278	120	336
Bottle. Non-refillable.	J. F. Connell.	809,932	Jan. 16	2646	547	120	667
Bottle. Non-refillable.	J. M. Dunkle.	810,398	Jan. 23	3678	757	120	921
Bottle. Non-refillable.	C. L. E. Wolf.	810,452	Jan. 23	3788	779	120	946
Bottle. Non-refillable.	J. M. Gambon.	810,480	Jan. 23	3843	789	120	960
Bottle. Non-refillable.	W. H. Garnett.	810,481	Jan. 23	3844	790	120	960
Bottle. Non-refillable.	M. F. Hanson.	811,217	Jan. 30	5301	1109	120	1310
Bottle. Non-refillable.	W. H. Dare.	811,387	Jan. 30	5622	1177	120	1381
Bottle. Non-refillable.	C. E. Carroll.	812,724	Feb. 13	2416	530	120	2055
Bottle. Non-refillable.	W. E. Knollenberg and J. A. Frey.	812,751	Feb. 13	2462	540	120	2065
Bottle. Non-refillable.	A. Bennett.	812,804	Feb. 20	2563	564	120	2133
Bottle. Non-refillable.	M. Conner.	813,038	Feb. 20	3028	667	120	2235
Bottle. Non-refillable.	W. J. Higman.	813,421	Feb. 27	3808	835	120	2459
Bottle. Non-refillable.	C. Fensky.	813,547	Feb. 27	4059	889	120	2518
Bottle. Non-refillable.	J. M. Kilduff.	813,715	Feb. 27	4379	966	120	2586
Bottle. Non-refillable.	J. M. Kilduff.	813,804	Feb. 27	4548	1005	120	2622
Bottle. Non-refillable.	S. F. Ettinger.	813,961	Feb. 27	4866	1076	120	2689
Bottle. Non-refillable.	M. Antes.	814,008	Mar. 6	1	1	121	3
Bottle. Non-refillable.	A. F. Gibson.	814,284	Mar. 6	549	115	121	118
Bottle. Non-refillable.	M. W. Palmer.	814,619	Mar. 6	1230	260	121	266
Bottle. Non-refillable.	S. B. O'Dell and H. W. Smiley.	815,112	Mar. 13	2225	467	121	540
Bottle. Non-refillable.	A. J. Ashford.	815,250	Mar. 13	2512	523	121	607
Bottle. Non-refillable.	L. Prideaux.	815,375	Mar. 20	2819	587	121	719
Bottle. Non-refillable.	A. Schenck.	815,639	Mar. 20	3327	697	121	833
Bottle. Non-refillable.	W. Perry and W. Pierpoint, Jr.	816,121	Mar. 27	4344	920	121	1104
Bottle. Non-refillable.	G. Kerr.	816,582	Apr. 3	47	12	121	1365
Bottle. Non-refillable.	A. G. Abizaid.	816,699	Apr. 3	305	71	121	1428
Bottle. Non-refillable.	W. S. Freel.	816,789	Apr. 3	465	104	121	1460
Bottle. Non-refillable.	W. P. Swett.	816,829	Apr. 3	552	118	121	1479
Bottle. Non-refillable.	O. E. S. Azzoni.	817,034	Apr. 3	973	200	121	1575
Bottle. Non-refillable.	J. Meermans.	817,500	Apr. 10	1902	401	121	1834
Bottle. Non-refillable.	A. Feraro.	817,700	Apr. 10	2251	484	121	1906
Bottle. Non-refillable.	H. J. Lutz and H. W. Friedel.	818,181	Apr. 17	3264	699	121	2185
Bottle. Non-refillable.	J. Spinelli.	819,320	May 1	577	123	122	133
Bottle. Non-refillable.	E. K. Wood.	819,490	May 1	910	199	122	203
Bottle. Non-refillable.	S. C. Kindig.	819,892	May 8	1710	367	122	447
Bottle. Non-refillable.	J. De Haven.	820,100	May 8	2208	480	122	555
Bottle. Non-refillable.	E. L. Dimitry.	820,401	May 15	2794	607	122	744
Bottle. Non-refillable.	J. Burke.	820,548	May 15	3105	668	122	812
Bottle. Non-refillable.	G. C. Allen.	820,754	May 15	3482	746	122	896
Bottle. Non-refillable.	F. J. Gheen and A. Maucher.	820,966	May 22	3982	845	122	1067
Bottle. Non-refillable.	J. P. Stendebach.	821,598	May 22	5229	1115-16	122	1338
Bottle. Non-refillable.	H. Tolke, W. T. and H. Hensel.	821,903	May 29	5849	1243	122	1535
Bottle. Non-refillable.	D. Brummerhop.	822,181	May 29	6383	1355	122	1655
Bottle. Non-refillable.	J. F. Mullarkey.	822,542	June 5	606	122	122	1860
Bottle. Non-refillable.	G. De Grey.	823,116	June 12	1789	368	122	2165
Bottle. Non-refillable.	G. R. Howey.	824,018	June 19	3565	761	122	2611
Bottle. Non-refillable.	M. Loftus.	824,035	June 19	3600	767	122	2618
Bottle. Non-refillable.	J. Brunette.	824,278	June 26	4047	866	122	2774
Bottle. Non-refillable.	P. A. Brock.	824,336	June 26	4153	889	122	2705
Bottle. Non-refillable.	F. J. Davis and A. Jameson.	825,263	July 3	1139	241	123	297
Bottle. Non-refillable.	E. Strupat and E. Brosius.	825,360	July 10	1345	283	123	368
Bottle. Non-refillable.	J. A. Pfeiffer.	825,413	July 10	1457	306	123	396
Bottle. Non-refillable.	W. H. Young.	825,502	July 10	1684	351	123	454
Bottle. Non-refillable.	S. C. Kindig and C. A. Ferguson.	825,543	July 10	1769	372	123	477
Bottle. Non-refillable.	G. Evanovitch.	825,814	July 10	2335	486	123	615
Bottle. Non-refillable.	M. Axelrood.	826,218	July 17	3116	646	123	821
Bottle. Non-refillable.	A. Person.	826,271	July 17	3203	663	123	842
Bottle. Non-refillable.	F. H. Hubbard.	826,724	July 24	4164	865	123	1105
Bottle. Non-refillable.	W. A. Stattmann.	826,906	July 24	4523	941	123	1195
Bottle. Non-refillable.	F. L. Anderson.	827,051	July 24	4788	999	123	1259
Bottle. Non-refillable.	A. and D. Celenza.	827,212	July 31	5176	1074	123	1374
Bottle. Non-refillable.	J. B. Zorn.	827,900	Aug. 7	399	85	123	1769
Bottle. Non-refillable.	A. Frank.	828,395	Aug. 14	1412	298	123	2046
Bottle. Non-refillable.	E. N. Jones.	828,664	Aug. 14	1945	410	123	2183
Bottle. Non-refillable.	B. B. Moss.	828,675	Aug. 14	1965	413	123	2188
Bottle. Non-refillable.	T. H. Mackin and M. E. Hammer.	828,756	Aug. 14	2129	451	123	2230

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bottle. Non-refillable.	B. Sharp.	828,903	Aug. 21	2433	517	123	2337
Bottle. Non-refillable.	C. Haenner.	829,149	Aug. 21	2955	618	123	2473
Bottle. Non-refillable.	H. F. and W. R. Atkinson.	829,619	Aug. 28	3951	836	123	2764
Bottle. Non-refillable.	T. F. Buck.	829,626	Aug. 28	3968	839	123	2767
Bottle. Non-refillable.	A. D. and A. B. George.	829,775	Aug. 28	4288	906	123	2846
Bottle. Non-refillable.	H. Parker.	829,998	Sept. 4	167	29	124	41
Bottle. Non-refillable.	T. J. Cahill.	830,205	Sept. 4	623	126	124	158
Bottle. Non-refillable.	M. A. Brown.	830,566	Sept. 11	1365	283	124	367
Bottle. Non-refillable.	J. Lovett.	830,605	Sept. 11	1433	298	124	383
Bottle. Non-refillable.	C. J. and O. Hohmann.	831,435	Sept. 18	3076	651	124	828
Bottle. Non-refillable.	C. M. Conradson.	831,536	Sept. 25	3283	691	124	916
Bottle. Non-refillable.	J. R. Mullin.	831,622	Sept. 25	3459	727	124	962
Bottle. Non-refillable.	J. E. Shepard.	831,688	Sept. 25	3628	759	124	1011
Bottle. Non-refillable.	M. Friedberger.	832,310	Oct. 2	595	112	124	1356
Bottle. Non-refillable.	T. F. Scollard.	832,750	Oct. 9	1476	297	124	1609
Bottle. Non-refillable.	B. Sharp.	832,752	Oct. 9	1480	297	124	1609
Bottle. Non-refillable.	C. B. Jackson.	833,134	Oct. 9	2230	470	124	1794
Bottle. Non-refillable.	N. Kauten.	833,395	Oct. 16	2794	591	124	1984
Bottle. Non-refillable.	G. O. Hildebrand.	833,523	Oct. 16	3061	649	124	2045
Bottle. Non-refillable.	C. B. Davis and A. T. Finch.	834,510	Oct. 30	5240	1113	124	2673
Bottle. Non-refillable.	C. Williams.	834,544	Oct. 30	5293	1125	124	2687
Bottle. Non-refillable.	L. A. Robertson.	835,081	Nov. 6	423	85	125	112
Bottle. Non-refillable.	W. L. Rowe and W. W. Coy.	835,115	Nov. 6	486	98	125	125
Bottle. Non-refillable.	J. E. Lesueur.	835,446	Nov. 6	1147	247	125	288
Bottle. Non-refillable.	H. J. Mortensen.	835,548	Nov. 13	1338	287	125	381
Bottle. Non-refillable.	G. B. M. Pike.	835,553	Nov. 13	1344	288	125	383
Bottle. Non-refillable.	B. Sharp.	835,643	Nov. 13	1528	326	125	430
Bottle. Non-refillable.	A. C. Way.	835,995	Nov. 13	2148	460	125	578
Bottle. Non-refillable.	F. H. Behrmann and G. H. Rodelfeld.	836,005	Nov. 13	2167	464	125	583
Bottle. Non-refillable.	H. C. Keithler.	836,583	Nov. 20	3329	710	125	919
Bottle. Non-refillable.	C. A. Clark.	837,665	Dec. 4	775	177	125	1546
Bottle. Non-refillable.	F. W. Stewart.	837,974	Dec. 11	1384	301	125	1741
Bottle. Non-refillable.	M. Loftus.	838,035	Dec. 11	1504	324	125	1772
Bottle. Non-refillable.	S. R. Harris.	838,186	Dec. 11	1835	394	125	1857
Bottle. Non-refillable.	A. G. Schweizer and E. J. Thomas	838,588	Dec. 18	2619	565	125	2090
Bottle. Non-refillable.	A. E. Clar.	839,114	Dec. 25	3632	784	125	2383
Bottle. Non-refillable.	F. S. Tuill.	839,679	Dec. 25	4770	1019	125	2661
Bottle. Non-refillable.	G. D. Hartlett.	839,756	Dec. 25	4932	1053	125	2701
Bottle. Nursery.	B. Holladay.	813,894	Feb. 27	4740	1048	120	2664
Bottle-opener.	J. L. Sommer.	833,944	Oct. 23	3956	839	124	2310
Bottle or jar capping machine.	J. F. Nissly.	838,134	Dec. 11	1732	371-2	125	1830
Bottle or jar closure.	C. D. Burton.	826,226	July 17	3128	649	123	824
Bottle or jar. Dispensing.	R. M. Willis and A. A. Du Mond.	809,159	Jan. 2	1059	220	120	232
Bottle or other receptacle stopper.	L. Ganucci-Cancellieri, A. Capelletti, and S. Cantini.	835,822	Nov. 13	1857	392	125	513
Bottle or receptacle.	J. W. Maddox.	837,089	Nov. 27	4406	934	125	1220
Bottle or similar washing apparatus.	O. Vogel.	821,005	May 22	4067	865-6	122	1085
Bottle or stand attachment. Ink.	D. J. Rogers.	820,671	May 15	3324	713	122	859
Bottle or vessel. Automatic dose-measuring.	A. W. Hutchins.	820,576	May 15	3156	680	122	824
Bottle. Protective.	J. C. Henderson.	822,739	June 5	1020	209	122	1952
Bottle-rinser.	C. H. Loew.	812,940	Feb. 20	2839	626-7	120	2195
Bottle. Self-sealing.	W. A. Miller.	817,181	Apr. 10	1258	261	121	1698
Bottle. Siphon.	J. G. Henrich.	816,091	Mar. 27	4290	909	121	1093
Bottle-soaking machine.	D. Wickham.	838,927	Dec. 18	3241	700-1	125	2239
Bottle-soaking tank.	R. Schwarzenbach.	829,547	Aug. 28	3804	808	123	2727
Bottle-socket.	H. F. Haviland.	816,979	Apr. 3	872	180	121	1552
Bottle sterilizing and cleansing apparatus.	T. C. Bates.	812,974	Feb. 20	2910	642	120	2210
Bottle-stopper.	H. E. Lazarus.	808,934	Jan. 2	613	134	120	135
Bottle-stopper.	J. J. Allison.	811,811	Feb. 6	520	116	120	1596
Bottle-stopper.	W. F. Mahony.	812,058	Feb. 6	1053	229	120	1703
Bottle-stopper.	W. H. Redington.	813,449	Feb. 27	3863	846	120	2473
Bottle-stopper.	E. N. Giffilan.	814,778	Mar. 13	1575	332	121	403
Bottle-stopper.	S. Evans.	815,151	Mar. 13	2312	484	121	560
Bottle-stopper.	J. S. Huffman.	815,172	Mar. 13	2351	492	121	569
Bottle-stopper.	H. K. Gilbert.	815,954	Mar. 27	3995	846	121	1026
Bottle-stopper.	H. E. Payne.	816,120	Mar. 27	4344	920	121	1103
Bottle-stopper.	H. O. Brawner.	817,038	Apr. 3	980	201	121	1577
Bottle-stopper.	J. Madir.	817,380	Apr. 10	1643	348	121	1780
Bottle-stopper.	C. W. Voelpel.	820,836	May 15	3678	784	122	938
Bottle-stopper.	H. Bögelmann.	821,456	May 22	4976	1058	122	1286
Bottle-stopper.	M. J. and J. J. Harrington.	821,638	May 29	5326	1134	122	1418
Bottle-stopper.	R. Stock.	822,400	June 5	330	68	122	1798
Bottle-stopper.	H. B. Jones.	824,122	June 26	3740	799	122	2707
Bottle-stopper.	A. W. Cordes.	824,341	June 26	4165	891	122	2797
Bottle-stopper.	J. M. Cumming.	824,913	July 3	474	93	123	126
Bottle-stopper.	G. Kirkegaard.	825,603	July 10	1890	399	123	503
Bottle-stopper.	O. Del Guerra.	829,145	Aug. 21	2949	617	123	2471
Bottle-stopper.	G. Kirkegaard.	829,341	Aug. 21	3345	703	123	2568
Bottle-stopper.	S. Villedrouin.	830,544	Sept. 11	1317	272	124	354
Bottle-stopper.	G. Kirkegaard.	831,079	Sept. 18	2395	503	124	663
Bottle-stopper.	W. H. Dowe.	831,331	Sept. 18	2884	612	124	780
Bottle-stopper.	G. Kirkegaard.	822,676	Oct. 9	1327	268	124	1572
Bottle-stopper.	W. H. Dowe.	832,723	Oct. 9	1423	287	124	1595
Bottle-stopper.	S. Babie.	834,038	Oct. 23	4270	906	124	2382
Bottle-stopper.	W. F. Purcell.	835,366	Nov. 6	980	208	125	249
Bottle-stopper.	H. A. Davis and T. R. Stetson.	835,783	Nov. 13	1784	378	125	495
Bottle-stopper.	O. S. Pugerud.	836,782	Nov. 27	3777	804	125	1067
Bottle-stopper and pulling attachment therefor.	C. E. McManus.	832,336	Oct. 2	644	123	124	1368
Combined							
Bottle-stopper fastener.	J. A. Astarita.	820,083	May 8	2172	473	122	547
Bottle-stopper. Faucet.	G. W. Blair and L. Wolf.	831,926	Sept. 25	4106	856	124	1131
Bottle-stopper-holding device.	W. R. Briggs.	835,497	Nov. 13	1239	266	125	357
Bottle stopper. Milk.	E. M. Phillips.	834,075	Oct. 23	4354	925	124	2402
Bottle stopper. Non-refillable.	G. A. Weihe.	830,547	Sept. 11	1323	273	124	356

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bottle stopper. Poison-.....	L. N. Ritten.....	810,676	Jan. 23	4218	873	120	1043
Bottle-stoppers and the like. Binder for.....	F. T. Robinson.....	824,507	June 26	4513	958	122	2872
Bottle-stoppers. Permutation-lock for.....	J. C. Bowers.....	827,053	July 24	4791	1000	123	1259
Bottle-support.....	J. W. Barnard.....	831,205	Sept. 18	2631	553	124	714
Bottle-tool.....	F. E. Brendel.....	833,823	Oct. 23	3676	784	124	2239
Bottle-washer.....	J. T. H. Paul.....	827,388	July 31	5507	1145-7	123	1453
Bottle-washer.....	H. W. Bowman.....	831,261	Sept. 18	2746	578-9	124	744
Bottle-washer.....	G. W. Harris.....	837,401	Dec. 4	249	62	125	1418
Bottle-washer. Turbine.....	T. L. Valerius.....	820,749	May 15	3468	744	122	892
Bottle washing and rinsing machine.....	A. and C. Winckler.....	828,361	Aug. 14	1359	287	123	2031
Bottle-washing apparatus.....	D. M. Kyle.....	837,309	Dec. 4	66	18	125	1370
Bottle-washing device.....	H. H. Poggensee.....	816,818	Apr. 3	525	114	121	1474
Bottle-washing machine.....	C. H. Loew and H. G. Miller.....	809,514	Jan. 9	1833	379	120	437
Bottle-washing machine.....	P. D. Laible.....	816,920	Apr. 3	741	152-3	121	1523
Bottle-washing machine.....	P. Polnisch.....	829,734	Aug. 28	4192	888-9	123	2821
Bottle-washing machine.....	D. Wickham.....	830,869	Sept. 11	1964	412-13	124	526
Bottle-washing machine.....	J. Skinner.....	830,933	Sept. 11	2075	437-8	124	551
Bottle-washing machine.....	D. M. Kyle.....	837,310	Dec. 4	68	18-19	125	1371
Bottle. Water-.....	C. Krueger.....	828,891	Aug. 21	2410	512	123	2331
Bottle-wrapper.....	F. W. R. Bradford.....	811,689	Feb. 6	299	67	120	1552
Bottles and other vessels. Closure device for.....	R. Hoelermann.....	819,139	May 1	203	42	122	51
Bottles and the like. Locking means for.....	G. Wedderburn.....	834,500	Oct. 30	5224	1109	124	2669
Bottles and the like receptacles. Closure for.....	S. E. Bell.....	833,116	Oct. 9	2192	460	124	1782
Bottles by means of metal capsules. Apparatus for closing.....	E. Goistein.....	812,648	Feb. 13	2275	495	120	2027
Bottles. Apparatus for siphoning liquids from.....	G. W. Ansley.....	825,173	July 3	967	204	123	252
Bottles. Device for preventing the deceptive refilling of.....	L. F. Hammer.....	822,363	June 5	268	56	122	1784
Bottles. Device for preventing the deceptive refilling of.....	L. F. Hammer.....	822,364	June 5	269	57	122	1784
Bottles. Device for securing corks in.....	F. W. Schroeder.....	823,370	June 12	2302	482	122	2278
Bottles. Device to prevent refilling of.....	E. Mandonnet.....	814,307	Mar. 6	611	126	121	132
Bottles. Frangible cap for the closure of.....	S. M. Stevens.....	813,181	Feb. 20	3319	730	120	2299
Bottles, flasks, and the like. Manufacture of.....	P. Wagret.....	818,134	Apr. 17	3165	679	121	2165
Bottles, jars, and other receptacles. Safety-closure for.....	J. V. Hull.....	819,015	Apr. 24	4925	1057	121	2597
Bottles, jars, and other vessels. Closure device for.....	W. B. Fenn.....	816,720	Apr. 3	338	78	121	1435
Bottles, jars, and similar vessels. Closure device for.....	E. A. Matthias.....	810,164	Jan. 16	3127	647	120	768
Bottles, jars, and similar vessels. Closure for.....	S. C. Kindig.....	823,124	June 12	1810	372	122	2169
Bottles, jars, and the like. Closure for.....	R. E. King.....	826,255	July 17	3173	658	123	835
Bottles, jars, cans, and the like and making the same. Cap or closure for.....	W. H. Dodge.....	829,914	Aug. 28	4563	962	123	2913
Bottles, jars, cans, and the like and making the same. Cap or closure for.....	W. H. Dodge.....	829,916	Aug. 28	4569	962	123	2915
Bottles, jars, cans, and the like and making the same. Shell for caps or closures for.....	W. H. Dodge.....	829,913	Aug. 28	4558	961	123	2912
Bottles, jars, cans, &c. Cap or closure for.....	W. H. Dodge.....	829,856	Aug. 28	4444	939-40	123	2884
Bottles, jars, cans, or the like and making the same. Cap or closure for.....	W. H. Dodge.....	829,915	Aug. 28	4566	962	123	2914
Bottles, jars, cans, or the like. Cap or closure for.....	W. H. Dodge.....	829,698	Aug. 28	4119	872	123	2804
Bottles, jars, cans, or the like. Cap or closure for.....	W. H. Dodge.....	829,699	Aug. 28	4121	872	123	2804
Bottles, jars, cans, or the like. Securing device for caps or closures for.....	W. H. Dodge.....	829,697	Aug. 28	4117	872	123	2803
Bottles, jars, &c. Closure for.....	S. C. Kindig.....	822,895	June 5	1315	271	122	2013
Bottles, jars, or other vessels. Self-fixing protective covering for.....	M. G. Olivier.....	823,355	June 12	2280	477	122	2274
Bottles. Machine for capping.....	H. Robinson.....	828,055	Aug. 7	728	149	123	1851
Bottles. Machine for the manufacture of capsules for.....	E. Watzke.....	813,604	Feb. 27	4168	915-16	120	2541
Bottles. Making hot-water.....	E. J. Schutz.....	809,143	Jan. 2	1030	213	120	226
Bottles non-refillable. Device for rendering.....	P. Juppert.....	809,811	Jan. 9	2405	498	120	562
Bottles non-refillable. Means for rendering.....	H. O. Mascal.....	822,287	June 5	125	25	122	1756
Bottles or other receptacles. Means for corking or closing.....	C. Schroeder.....	811,876	Feb. 6	649	142	120	1623
Bottles, &c. Safety-shield for.....	T. Mayhew.....	832,869	Oct. 9	1728	356	124	1669
Bottles. Skimmer for milk.....	G. B. Anderson.....	832,522	Oct. 2	1001	201	124	1453
Bottles, &c. Stopper for.....	J. P. Crane.....	815,940	Mar. 27	3966	840	121	1021
Bottles, tubes, containers, &c. Stopper for.....	C. C. and W. S. Newton.....	834,679	Oct. 30	5578	1184	124	2758
Bottling beer, &c.....	F. W. Jacob.....	828,405	Aug. 14	1431	302	123	2051
Bottling-machine.....	E. L. Miller.....	809,621	Jan. 9	2053	426	120	482
Bottling-machine.....	E. U. Mack.....	813,562	Feb. 27	4098	899	120	2527
Bottling-machine.....	J. H. W. Ortmann and C. W. Herbst.....	827,262	July 31	5270	1093	123	1395
Bouquet-holder.....	J. Burdick.....	809,172	Jan. 2	1081	225	120	238
Bowl. Casing.....	W. H. Kesselman.....	820,206	May 8	2406	522	122	598
Bowling-alley.....	D. Miller.....	809,715	Jan. 9	2235	464	120	524
Bowling-alley.....	F. W. Brinkmeyer.....	811,476	Jan. 30	5771	1208	120	1410
Bowling-alley.....	D. F. McCarthy.....	817,504	Apr. 10	1911	402	121	1836
Bowling-alley.....	H. B. Lahr.....	822,959	June 12	1447	302	122	2090
Bowling-alley.....	E. Powers.....	835,554	Nov. 13	1345	289	125	383
Bowling-alley.....	F. H. Bedell.....	837,177	Nov. 27	4572	969-70	125	1260
Bowling-alley ball.....	C. Holland.....	838,026	Dec. 11	1484	320	125	1767
Bowling-alley ball-arrester.....	J. Frish and A. W. Shank.....	832,250	Oct. 2	478	89	124	1328
Bowling-alley. Coin-controlled.....	R. H. Hartley.....	836,763	Nov. 27	3725	794	125	1053
Bowling-alley. Parlor.....	W. E. Falvey.....	831,218	Sept. 18	2652	557	124	719
Bowling-alley pin.....	T. Mayhew.....	828,415	Aug. 14	1455	307	123	2057
Bowling-alley pin-setter.....	J. C. Backus.....	821,276	May 22	4588	977	122	1200
Bowling-alley pin-spotter.....	C. L. Bastian.....	812,253	Feb. 13	1495	327	120	1865
Bowling-alley pin spotter and setter.....	J. C. Backus.....	814,897	Mar. 13	1783	373	121	447
Bowling-alley pin spotters or setters. Guiding means for.....	C. L. Bastian.....	811,612	Feb. 6	152	33	120	1518
Bowling-alleys. Ball-return mechanism for.....	F. W. Brinkmeyer.....	809,245	Jan. 2	1266	257	120	279
Bowling-ball handle attachment.....	S. H., H. O., and S. H. Law, Jr.....	812,214	Feb. 13	1418	309	120	1849
Bowling-pin-setting device.....	J. H. Boyd.....	838,766	Dec. 18	2947	635-6	125	2170
Bowling-slipper.....	W. J. Barnett.....	820,757	May 15	3490	748	122	897
Bowling-table.....	H. Wachtmann.....	839,440	Dec. 25	4285	916	125	2544

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Box:							
See Annealing-box.	Millinery-box.						
Axle-box.	Miter-box.						
Balloting-box.	Mold-box.						
Bearing-box.	Molding-box.						
Bell-box.	Money-box.						
Berry-box.	Nail-box.						
Boiler fire-box.	Nest-box.						
Butter-box.	Non-refillable box.						
Cane-mill feed-box.	Oil-press box.						
Car journal-box.	Oilstone-box.						
Cardboard box.	Outlet-box.						
Cash-box.	Outlet or junction box.						
Castrating-box.	Packing-box.						
Cheese-box.	Paint-box.						
Cigar-box.	Paper box.						
Coin-holding box.	Paper-machine head-box.						
Collapsible box.	Pasteboard box.						
Compartment-box.	Pencil-box.						
Conduit outlet-box.	Phonograph sound-box.						
Covered box.	Powder-box.						
Delivery-box.	Preserving-box.						
Dental-silk box.	Press-box.						
Display-box.	Puff-box.						
Distributing-box.	Record-box.						
Feed-box.	Refrigerator-box.						
File-box.	Route-box.						
Filing-box.	Safety-box.						
Fire-box.	Shipping-box.						
Fire-alarm box.	Shoe-polish box.						
Fire-alarm key-box.	Shuttle-box.						
Fire-alarm signal-box.	Signal-box.						
Flower-box.	Smoker's compartment-box.						
Folding box.	Sound-box.						
Fuse-box.	Spool-holding box.						
Game score-box.	Stamp-holding box.						
Gill-box.	Stuffing-box.						
Grain-drill seedbox.	Suction-box.						
Ice-box.	Switch-box.						
Jewelry-box.	Talking-machine sound-box.						
Journal-box.	Telephone call-box.						
Junction-box.	Telephone toll-box.						
Junction or outlet box.	Ticket-box.						
Key-box.	Tobacco-box.						
Knockdown box.	Tool-box.						
Letter-box.	Train-despatcher's order-box.						
Linotype-machine casting-box.	Turpentine-box.						
Locomotive sand-box.	Wagon-box.						
Machine-box.	Wall or switch box.						
Mail-delivery box.	Water-box.						
Mail-deposit box.	Window-box.						
Match-box.	Wheel-box.						
Match and cigarette box.	Wheel sand-box.						
Metal box.							
Box.....	R. S. A. Moore.....	810,341	Jan. 16	3511	724	120	850
Box.....	F. R. Vernon.....	811,676	Feb. 6	277	62	120	1546
Box.....	P. H. Larkin.....	821,298	May 22	4635	988	122	1208
Box.....	J. Sutherland.....	823,823	June 19	3188	674	122	2530
Box.....	E. Truxall.....	826,292	July 17	3244	671	123	853
Box.....	F. L. Upjohn.....	828,151	Aug. 7	909	187	123	1894
Box.....	C. B. Baldwin.....	831,320	Sept. 18	2864	607	124	775
Box and bed device.	A. Atkinson.....	826,217	July 17	3114	646	123	821
Box and target.	P. R. Warren.....	812,536	Feb. 13	2050	449	120	1985
Box-blanks.	J. J. Miller.....	815,196	Mar. 13	2403	501-3	121	581
Box-blanks.	W. P. Healy.....	827,097	July 31	4913	1024-6	123	1304
Box blanks.	F. B. Davidson and J. Wesson.....	823,850	June 19	3245	687	122	2542
Box carriage and releasing means.	A. Doering.....	833,128	Oct. 9	2219	466	124	1791
Box construction.	C. A. Herr.....	820,417	May 15	2832	617	122	751
Box-corner-trimming machine.	J. T. Leckenby.....	809,308	Jan. 9	1406	286	120	344
Box counting and stacking mechanism.	C. W. Gay.....	839,130	Dec. 25	3675	792	125	2396
Box-cover holder.	J. M. Purdum.....	834,489	Oct. 30	5207	1106	124	2665
Box-covering machine.	H. A. Inman.....	810,414	Jan. 23	3705	763-4	120	927
Box-covering machine.	G. A. Diemer.....	817,631	Apr. 10	2143	454	121	1883
Box-covering machine.	J. Alger.....	820,166	May 8	2336	508-9	122	582
Box-covering machine.	W. A. Cardy.....	823,032	June 12	1606	333	122	2127
Box-covering machine.	C. A. Garrett.....	828,471	Aug. 14	1571	332	123	2087
Box-fastener.	H. Stotz.....	812,308	Feb. 13	1617	355	120	1894
Box-fastener.	H. C. Summers.....	820,531	May 15	3075	662	122	806
Box-fastener.	E. F. Hulbert.....	825,463	July 10	1589	330	123	432
Box-fastener.	C. W. Ingledue.....	830,074	Sept. 4	327	65	124	80
Box-fastener.	C. Anderson.....	830,817	Sept. 11	1873	390	124	502
Box-fastener.	W. G. Bartholomew.....	830,819	Sept. 11	1876	390-1	124	503
Box-fastener.	F. P. Shaw.....	831,896	Sept. 25	4053	844	124	1118
Box-fastener.	A. Suter.....	837,752	Dec. 4	950	214	125	1591
Box-filling machine.	J. P. and C. F. Wright.....	836,729	Nov. 27	3664	781-2	125	1036
Box-filling machine.	J. P. and C. F. Wright.....	836,730	Nov. 27	3670	782-5	125	1038
Box folding and pasting machine.	J. W. Low.....	833,329	Oct. 16	2650	557-8	124	1948
Box-forming machine.	J. H. Mitchell.....	837,325	Dec. 4	96	25-6	125	1378
Box framer or former.	A. Lasance.....	838,554	Dec. 18	2552	552	125	2074
Box-hinging machine.	W. McMurray.....	820,244	May 8	2486	537-8	122	617
Box-joint.	C. J. Olson.....	828,960	Aug. 21	2532	537	123	2363

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Box-lifter.....	F. W. Clugg.....	830,882	Sept. 11	1986	418	124	531
Box-lid clamp.....	G. Patterson and J. B. Ireland.....	838,745	Dec. 18	2906	627	125	2161
Box-lid-closing device.....	T. Brennan, Jr.....	829,385	Aug. 28	3441	724	123	2637
Box-lid holder.....	G. Mueller.....	822,975	June 12	1477	307	122	2097
Box-lid holder.....	W. Tisch.....	828,350	Aug. 14	1333	282	123	2025
Box-loop forming and embossing machine.....	H. S. Kemp.....	830,077	Sept. 4	330	66-7	124	81
Box-machine.....	J. P. Wright.....	813,608	Feb. 27	4181	917-18	120	2544
Box-machine.....	H. W. Summer.....	814,333	Mar. 6	674	136-8	121	147
Box-machine.....	H. F. Odenkirchen.....	829,995	Sept. 4	162	28	124	40
Box-making machine.....	F. J. Reinhold.....	822,301	June 5	156	31-2	122	1762
Box-making machine.....	J. M. Carnecross.....	837,605	Dec. 4	655	150-3	125	1516
Box-making machine. Flexible.....	E. G. Staude.....	837,354	Dec. 4	153	38	125	1393
Box-making machines. Cutting rolls and knives for.....	E. G. Staude.....	837,353	Dec. 4	151	37	125	1392
Box-nailing machine.....	E. C. Northrup.....	817,509	Apr. 10	1918	404	121	1837
Box-opener.....	C. Goldmann.....	809,050	Jan. 2	845	179	120	187
Box-opener.....	I. N. Rogers.....	819,316	May 1	567	121	122	130
Box-opening device.....	G. C. Weber.....	835,649	Nov. 13	1539	329	125	432
Box or carton setting-up machine.....	W. S. Scales.....	827,671	July 31	6186	1284-5	123	1624
Box-shook-forming machine.....	H. A. Gale.....	808,742	Jan. 2	242	52-3	120	55
Box-top-securing device.....	A. Beaudry.....	814,932	Mar. 13	1845	386	121	460
Box-tray-forming machine.....	J. H. and J. H. Birch.....	809,930	Jan. 16	2641	545-6	120	666
Box trimmer. Cylindrical.....	W. H. Stout.....	811,593	Feb. 6	117	25	120	1511
Boxes, &c. Apparatus for operating covers of lock.....	J. W. Stephens.....	825,497	July 10	1674	349-50	123	452
Boxes from hot forming-dies. Appliance for strip- ping pasteboard.....	J. Godfrey.....	824,293	June 26	4077	872	122	2780
Boxes. Machine for applying tapes to.....	J. Huether.....	838,413	Dec. 11	2276	492-4	125	1962
Boxes. Machine for securing flies to.....	J. P. Bird.....	815,003	Mar. 13	1993	419-20	121	489
Boxing purposes. Presser-machine for.....	G. N. Pond.....	818,848	Apr. 24	4614	990	121	2528
Brace:							
See Adhesive brace. Hatchet-brace.							
Anatomical brace. Rail-brace.							
Ankle-brace. Rail and spike brace.							
Bed-brace. Ratchet-brace.							
Bit-brace. Shaft-brace.							
Boiler-brace. Spring-brace.							
Breeching-brace. Stovepipe-brace.							
Car end brace. Track-brace.							
Car-wall brace. Vehicle-seat brace.							
Cotton-picker brace. Window-frame sill- brace.							
Folding-table brace.							
Brace and support.....	E. E. Seacrist.....	838,911	Dec. 18	3217	695	125	2234
Brace-bar. Extension.....	J. W. Kominek.....	835,359	Nov. 6	969	206	125	245
Bracelet.....	J. Bagnall.....	808,805	Jan. 2	363	78	120	81
Bracelet.....	P. H. Lettré.....	809,619	Jan. 9	2049	425	120	482
Bracelet.....	A. H. Bliss.....	810,183	Jan. 16	3166	656	120	776
Bracelet.....	E. Dreves.....	811,767	Feb. 6	435	95	120	1581
Bracelet.....	T. W. Foster.....	813,697	Feb. 27	4346	957	120	2579
Bracelet.....	W. Wallenthin.....	813,755	Feb. 27	4449	983	120	2601
Bracelet.....	A. H. Bliss.....	815,899	Mar. 20	3895	824	121	953
Bracelet.....	J. M. Clark, 2d.....	818,146	Apr. 17	3191	686	121	2169
Bracelet.....	R. W. Inman.....	820,645	May 15	3262	701	122	846
Bracelet.....	F. Fetting.....	820,963	May 22	3975	844	122	1065
Bracelet.....	A. H. Bliss.....	823,024	June 12	1596	330	122	2125
Bracelet.....	T. W. Foster.....	824,072	June 19	3661	779	122	2632
Bracelet.....	T. W. Foster.....	824,073	June 19	3662	779	122	2632
Bracelet.....	T. W. Foster.....	824,074	June 19	3663	780	122	2632
Bracelet.....	E. A. Phillips.....	824,379	June 26	4250	905	122	2815
Bracelet.....	J. A. Fuller.....	825,644	July 10	2013	421	123	537
Bracelet.....	G. H. Chandler.....	826,086	July 17	2866	594	123	763
Bracelet.....	T. W. Foster.....	830,987	Sept. 11	2175	459	124	576
Bracelet.....	G. D. Holbrook.....	830,998	Sept. 11	2194	464	124	581
Bracelet.....	J. Bennett.....	836,080	Nov. 20	2310	490	125	674
Bracelet.....	O. L. Gammelgaard.....	836,109	Nov. 20	2379	502	125	688
Bracelet.....	G. Becker.....	839,538	Dec. 25	4488	957	125	2592
Bracelet, belt, &c. Automatically-adjustable.....	J. J. Sommer.....	837,004	Nov. 27	4229	900	125	1176
Bracelet-catch.....	N. C. Wallenthin.....	832,352	Oct. 2	669	128	124	1373
Bracelet-catch.....	G. Hausherr.....	833,458	Oct. 16	2936	623	124	2016
Bracelet-joint.....	N. C. Wallenthin.....	809,153	Jan. 2	1047	217	120	230
Bracelet. Self-closing.....	W. I. Macomber.....	827,164	July 31	5082	1056	123	1350
Bracelet. Slide.....	E. F. Presbrey.....	824,309	June 26	4100	877	122	2785
Bracket:							
See Adjustable bracket. Portable bracket.							
Brush and dentifrice bracket. Roof-bracket.							
Car-door bracket. Roofing-bracket.							
Car-door safety-bracket. Scaffold-bracket.							
Clamp-bracket. Shade-bracket.							
Curtain-bracket. Shade and curtain clamp bracket.							
Curtain and other roller supporting bracket. Shade or canopy sup- porting bracket.							
Curtain and shade bracket. Shade-roller bracket.							
Curtain-pole bracket. Shade-roller-support- ing bracket.							
Curtain-pole and shade bracket. Shelf-bracket.							
Curtain-rod bracket. Shelf-supporting bracket.							
Electric-light bracket. Shingle-bracket.							
Extensible bracket. Shingling-bracket.							
Hose-bracket. Suspending-bracket.							
Lamp-bracket. Suspension-bracket.							
Pipe-bracket. Telephone-bracket.							
Piano-action bracket. Wagon-bracket.							
Platform-supporting bracket. Wall-bracket.							
bracket. Washstand-bracket.							
bracket. Window-bracket.							
Bracket.....	H. F. Keil.....	813,501	Feb. 27	3968	870-1	120	2497

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr g	Vol.	Page.
Bracket.....	A. R. Fergusson.....	815,941	Mar. 27	3978	843	121	1023
Bracket.....	J. S. Detrick.....	823,162	June 12	1875	387-8	122	2184
Bracket for employment on windows, ladders, and parapets. Adjustable.....	C. Mills.....	811,514	Jan. 30	5840	1223	120	1424
Bracket-hook.....	E. A. Graham.....	815,813	Mar. 20	3709	782	121	913
Bracket-hook.....	E. A. Graham.....	827,627	July 31	6086	1261	123	1598
Bracket. Universally-adjustable clamp.....	F. B. Jones.....	819,285	May 1	508	107	122	118
Braid-tip-feeding mechanism.....	G. Rowbottom.....	830,008	Sept. 4	190	33	124	47
Braiding and lace-making machine.....	H. J. Quambusch.....	838,899	Dec. 18	3195	689	125	2230
Braiding-machine.....	H. Janssen.....	810,056	Jan. 16	2930	610	120	729
Braiding-machine.....	H. W. Larsson.....	814,711	Mar. 13	1442	302-3	121	375
Braiding-machine.....	A. B. Diss.....	830,137	Sept. 4	474	95-6	124	120
Brake:							
See Air-brake. Emergency and main							
Air-pressure brake. brake.							
Assembler-slide brake. Engine reversing-brake.							
Automatic brake. Fluid-pressure brake.							
Automobile air-brake. Hemp-brake.							
Back-pedaling brake. Load-brake.							
Baling-press brake. Power-brake.							
Band-brake. Power-operated brake.							
Bicycle-brake. Rail-brake.							
Car-brake. Railway-brake.							
Car compound brake. Railway-train brake.							
Cornice-brake. Safety-brake.							
Electric brake. Shuttle-brake.							
Electromagnetic brake. Sled-brake.							
Electro pneumatic brake. Track-brake.							
Elevator-brake. Truck and other vehi-							
Elevator emergency- cle brake.							
brake. Vacuum-brake.							
Elevator safety-brake. Vehicle-brake.							
Emergency-brake. Wagon-brake.							
Windmill-brake.							
Brake.....	M. Turner, W. Kernaghan, and C. M. Swinehart.....	810,825	Jan. 23	4492	934	120	1102
Brake.....	S. H. Libby.....	812,758	Feb. 13	2473	542	120	2068
Brake.....	H. L. Lynn.....	814,223	Mar. 6	431	88	121	93
Brake.....	H. Beatty.....	814,422	Mar. 6	871	178	121	190
Brake.....	A. L. Craver.....	815,514	Mar. 20	3082	642	121	779
Brake.....	J. W. Tapp.....	817,942	Apr. 17	2789	603	121	2083
Brake.....	W. G. Price.....	818,639	Apr. 24	4183	900-1	121	2435
Brake.....	R. L. Alcorn.....	821,211	May 22	4464	950	122	1171
Brake.....	R. W. Bainbridge.....	825,176	July 3	971	205	123	254
Brake.....	C. W. Larson.....	825,327	July 10	1277	269	123	350
Brake.....	R. R. Hart.....	831,950	Sept. 25	4149	864	124	1141
Brake.....	P. Siebenaler.....	833,006	Oct. 9	1979	413	124	1728
Brake.....	W. H. Harris.....	833,050	Oct. 9	2067	435	124	1750
Brake.....	S. Marco.....	833,076	Oct. 9	2118	446	124	1765
Brake.....	W. E. McKay.....	833,844	Oct. 23	3732	793	124	2253
Brake.....	C. N. Frey.....	836,676	Nov. 27	3540	755	125	1005
Brake.....	L. B. Williams.....	838,830	Dec. 18	3072	662	125	2201
Brake-actuating device.....	J. Post.....	823,966	June 19	3466	741	122	2592
Brake-adjuster.....	C. A. Devenny.....	834,110	Oct. 23	4440	943	124	2424
Brake and track-sanding mechanism.....	M. A. De France.....	813,691	Feb. 27	4335	954	120	2577
Brake apparatus. Load.....	W. V. Turner.....	805,703	Jan. 2	153	36	120	36
Brake apparatus. Load.....	J. S. Custer.....	831,040	Sept. 18	2287	483-4	124	637
Brake apparatus. Load.....	F. L. Clark and W. V. Turner.....	834,263	Oct. 30	4774	1010	124	2555
Brake apparatus. Load.....	C. C. Farmer.....	836,105	Nov. 20	2372	500-1	125	686
Brake apparatus. Load.....	H. R. Mason and C. C. Farmer.....	836,124	Nov. 20	2418	510-11	125	698
Brake-band.....	H. N. Covell.....	812,827	Feb. 20	2615	573	120	2145
Brake-beam.....	C. F. Huntton.....	813,704	Feb. 27	4364	961	120	2583
Brake-beam.....	C. F. Huntton.....	813,705	Feb. 27	4365	961-2	120	2583
Brake-beam.....	C. F. Huntton.....	813,706	Feb. 27	4366	962	120	2583
Brake-beam.....	C. H. Williams, Jr.....	813,758	Feb. 27	4456	985	120	2602
Brake-beam.....	C. F. Huntton.....	813,798	Feb. 27	4540	1003	120	2620
Brake-beam.....	H. B. Robischung.....	813,916	Feb. 27	4783	1056	120	2673
Brake-beam.....	W. Stevenson.....	823,306	June 12	2195	458	122	2256
Brake-beam.....	C. F. Huntton.....	823,601	June 19	2774	587	122	2458
Brake-beam.....	C. F. Huntton.....	823,602	June 19	2775	587	122	2439
Brake-beam.....	C. F. Huntton.....	823,603	June 19	2775	587	122	2439
Brake-beam.....	C. G. Hawley.....	832,669	Oct. 9	1317	265	124	1570
Brake-beam.....	E. R. Inman.....	834,524	Oct. 30	5262	1118	124	2679
Brake-beam and flanged bar therefor.....	R. V. Sage.....	829,673	Aug. 28	4052	859	123	2790
Brake-beam fulcrum.....	J. W. McGee.....	814,865	Mar. 13	1727	362	121	435
Brake-beam fulcrum.....	H. W. Frost.....	823,403	June 12	2359	496	122	2289
Brake-beam fulcrum.....	C. E. Bauer.....	828,369	Aug. 14	1371	289	123	2035
Brake-beam fulcrum.....	C. E. Bauer.....	828,370	Aug. 14	1372	289	123	2035
Brake-beam fulcrum and manufacture.....	E. I. Dodds.....	829,637	Aug. 28	3993	845-6	123	2775
Brake-beam fulcrum. Reversible.....	F. W. Cox.....	827,788	Aug. 7	209	40-1	123	1723
Brake-beam hanger.....	M. Linton.....	815,024	Mar. 13	2056	430	121	503
Brake-beam. Metal.....	J. R. Onderdonk.....	822,072	May 29	6172	1316	122	1608
Brake-beam. Reinforced.....	C. E. Bauer.....	813,612	Feb. 27	4191	919	120	2546
Brake-beams. Adjustable head for.....	R. L. Ettenger.....	813,960	Feb. 27	4864	1076	120	2688
Brake block and shoe.....	L. G. Gallup.....	813,640	Feb. 27	4241	932	120	2558
Brake-cylinder. Tandem.....	L. H. Rogers.....	825,866	July 10	2429	507-8	123	639
Brake-handle.....	S. J. Hanlin.....	838,249	Dec. 11	1977	423	125	1888
Brake-hanger.....	O. W. Wittmer.....	813,476	Feb. 27	3919	860	120	2485
Brake-hanger.....	W. O. Webster.....	814,489	Mar. 6	988	203	121	215
Brake-hanger.....	G. M. Brill.....	816,293	Mar. 27	4673	992	121	1175
Brake-hanger.....	C. K. Pickles.....	817,871	Apr. 17	2632	770-1	121	2046
Brake-hanger.....	E. H. Scofield.....	817,994	Apr. 17	2887	624	121	2106
Brake-hanger. Adjustable.....	G. M. Brill.....	813,346	Feb. 20	3647	799	120	2367
Brake-head.....	G. A. Woodman.....	827,200	July 31	5154	1070	123	1368
Brake-lever.....	J. Mullins.....	831,174	Sept. 18	2570	542	124	701
Brake-lever.....	T. H. and J. W. Monahan.....	834,151	Oct. 23	4529	961	124	2450

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr g.	Vol.	Page.
Brake-lever.....	G. O. Dunn and S. D. Whitaker.	836,640	Nov. 20	3438	734	125	943
Brake-lever fulcrum.....	O. W. Wittmer.	814,895	Mar. 13	1780	373	121	447
Brake mechanism.....	H. S. Beoney.	809,165	Jan. 2	1071	222	120	235
Brake mechanism.....	E. O. Flichinger.	823,942	June 19	3418	730	122	2580
Brake mechanism.....	E. A. Worthington.	832,113	Oct. 2	182	37	124	1258
Brake mechanism.....	J. H. McCormick.	836,271	Nov. 20	2728	581	125	776
Brake mechanism.....	A. O. Mitchell.	837,943	Dec. 11	1311	288	125	1721
Brake mechanism.....	H. T. Hansen.	838,110	Dec. 11	1669	359-60	125	1814
Brake mechanism. Fluid.....	B. T. Burchardi.	811,198	Jan. 30	5268	1102	120	1303
Brake mechanism. Fluid.....	B. M. Woodman and W. H. Bridges.	834,855	Oct. 30	5943	1262	124	2850
Brake mechanism. Power.....	C. B. Goode.	812,989	Feb. 20	2934	646-7	120	2214
Brake mechanism. Vehicle.....	G. D. Buchanan.	819,511	May 1	943	206	122	211
Brake-operating mechanism.....	J. and J. Caley.	813,856	Feb. 27	4665	1032	120	2648
Brake-rod connection.....	W. S. Atwood.	838,157	Dec. 11	1776	382	125	1840
Brake-rod jaw.....	L. A. Hoerr.	834,727	Oct. 30	5667	1202	124	2782
Brake-setting device.....	E. Godley.	826,780	July 24	4268	887	123	1133
Brake-shoe.....	W. H. Namack.	809,627	Jan. 9	2063	428	120	485
Brake-shoe.....	H. L. Winslow.	809,658	Jan. 9	2126	441	120	497
Brake-shoe.....	J. D. Gallagher.	810,405	Jan. 23	3689	759	120	924
Brake-shoe.....	W. G. Menzel.	815,612	Mar. 20	3263	685	121	819
Brake-shoe.....	J. F. Powers.	816,373	Mar. 27	4866	1032	121	1215
Brake-shoe.....	C. W. Armbrust.	817,541	Apr. 10	1978	419	121	1849
Brake-shoe.....	C. W. Armbrust.	817,893	Apr. 17	2682	583	121	2056
Brake-shoe.....	C. W. Armbrust.	817,894	Apr. 17	2684	583	121	2056
Brake-shoe.....	H. T. Hornsby and T. R. Weston.	820,115	May 8	2235	486	122	561
Brake-shoe.....	W. P. Taylor.	821,000	May 22	4058	863	122	1083
Brake-shoe.....	J. C. Cordrey and P. J. Brady.	821,462	May 22	4985	1059	122	1288
Brake-shoe.....	F. P. Collier.	822,924	June 12	1382	288	122	2077
Brake-shoe.....	F. P. Collier.	822,925	June 12	1383	288-9	122	2077
Brake-shoe.....	W. P. Taylor.	828,346	Aug. 14	1326	280	123	2025
Brake-shoe.....	W. P. Taylor.	828,347	Aug. 14	1327	281	123	2024
Brake-shoe.....	W. P. Taylor.	828,348	Aug. 14	1329	281	123	2024
Brake-shoe.....	J. S. Thompson.	828,442	Aug. 14	1509	317	123	2070
Brake-shoe.....	A. Nelson.	828,957	Aug. 21	2529	536	123	2362
Brake-shoe.....	F. R. Spear.	832,092	Oct. 2	132	28-9	124	1244
Brake-shoe.....	J. F. Morrison.	832,145	Oct. 2	260	49	124	1276
Brake-shoe.....	J. F. Morrison.	832,146	Oct. 2	260	50	124	1276
Brake-shoe.....	W. H. V. Rosing and F. L. Gordon.	832,813	Oct. 9	1606	330	124	1638
Brake-shoe.....	A. G. Olberding.	835,463	Nov. 6	1176	253	125	295
Brake-shoe.....	A. L. Streeter.	837,356	Dec. 4	156	39	125	1394
Brake-shoe.....	C. Jager.	837,407	Dec. 4	260	64	125	1421
Brake-shoe.....	J. S. Thompson.	838,222	Dec. 11	1907	409	125	1873
Brake-shoe.....	H. K. Gilbert.	838,317	Dec. 11	2089	452	125	1916
Brake-shoe and making same.....	H. K. Gilbert.	838,316	Dec. 11	2088	452	125	1916
Brake-shoe fastening.....	S. Webb.	828,159	Aug. 7	924	190	123	1897
Brake-shoe-forming machine.....	E. J. Snow.	832,633	Oct. 9	1242	250-1	124	1552
Brake-shoe. Steel-back.....	N. H. Davis.	822,352	June 5	251	53	122	1781
Brake-shoes and manufacture. Composition for filled.....	W. R. Crowell and N. B. Varina.	820,705	May 15	3386	.....	122	871
Brake-shoes. Making.....	W. D. Sargent.	818,300	Apr. 17	3496	751	121	2234
Brake-shoes. Making.....	W. D. Sargent.	839,037	Dec. 18	3438	743	125	2290
Brake system.....	C. E. Barry.	808,716	Jan. 2	186	41	120	42
Brake system. Automatic.....	P. Winsor.	814,999	Mar. 13	1982	417	121	486
Brakes and clutches. Friction device for.....	C. W. Hunt.	811,562	Feb. 6	50	11	120	1495
Braking and clutch mechanisms. Cooling system for.....	J. F. Metten.	817,180	Apr. 10	1255	260	121	1698
Braking apparatus.....	W. L. Holman.	819,277	May 1	496	104	122	115
Braking mechanism.....	N. Bouchard.	836,362	Nov. 20	2900	615	125	816
Braking mechanism for electric motors.....	W. H. Scott.	815,750	Mar. 20	3585	753	121	889
Bran-distributor.....	N. S. Shelly.	814,809	Mar. 13	1635	243	121	416
Brander. Electric.....	G. J. Schneider.	838,652	Dec. 18	2745	588	125	2121
Branding-machine.....	A. Kieffer and H. Rebsamen.	820,943	July 24	4578	953	123	1209
Branding-machine for casks, cases, and the like.....	J. Ingle.	821,039	May 22	4136	879	122	1099
Branding-tool.....	M. P. Sullivan.	818,482	Apr. 24	3838	825	121	2361
Branner-feeding device.....	L. C. Steele.	822,699	June 5	948	194	122	1938
Branner-feeding mechanism.....	E. L. Cronmeyer.	832,537	Oct. 2	1032	207	124	1461
Brass and waste support. Combined.....	J. S. Patten.	832,500	Oct. 2	965	192	124	1444
Brass. Treating scrap.....	H. J. Krebs.	830,601	Sept. 11	1428	297	124	382
Brass. Treating scrap.....	H. J. Krebs.	831,010	Sept. 11	2216	468	124	585
Brassieres.....	G. M. Poix.	823,547	June 19	2678	564	122	2417
Brazing compound.....	J. A. Rennie.	838,274	Dec. 11	2022	.....	125	1899
Brazing metals.....	J. A. Rennie.	838,211	Dec. 11	1886	.....	125	1868
Brazing steel and copper.....	J. F. Richardson.	811,954	Feb. 6	846	186	120	1661
Bread and pastry board.....	F. V. Braymer.	830,764	Sept. 11	1781	367	124	479
Bread and similar cake. Mold used in the manufacture of short.....	S. Scott.	824,445	June 26	4392	934	122	2843
Bread-crumber.....	F. M. Lupton.	831,170	Sept. 18	2562	540	124	699
Bread-cutter.....	J. Habrie.	830,711	Sept. 11	1682	346	124	453
Bread-cutter.....	L. G. Meyer and E. P. Dehullu.	836,694	Nov. 27	3590	765	125	1016
Bread-making compound.....	H. F. Soliday.	828,251	Aug. 7	1090	.....	123	1936
Bread-mixer.....	P. C. Smith.	830,256	Sept. 4	720	145	124	182
Bread mixer and kneader.....	A. A. Warner.	839,443	Dec. 25	4290	918	125	2545
Bread-raiser.....	C. H. Marshall.	817,499	Apr. 10	1901	400	121	1833
Breakwater. Floating.....	T. D. Cook.	817,904	Apr. 17	2712	588	121	2064
Breast. Artificial.....	L. J. Wolfe.	814,181	Mar. 6	347	71	121	76
Breast-strap protector.....	J. A. Scott.	819,174	May 1	268	57	122	68
Breast-strap slide.....	E. M. Wightman.	810,014	Jan. 16	2819	583	120	703
Breast-strap slide and attachment.....	J. S. Anderson.	809,927	Jan. 16	2632	544	120	663
Breech-block. Lever-actuated wedge.....	M. Hensdorf.	809,801	Jan. 9	2388	494	120	558
Breech mechanism.....	J. F. Meigs and S. A. S. Hammar.	838,432	Dec. 11	2312	500-1	125	1972
Breeching-brace. Harness.....	W. E. Murray.	824,568	June 26	4641	986	122	2899
Breeching-stay. Harness.....	F. X. Schumaker.	811,521	Jan. 30	5858	1228	120	1428
Brewers' and distillers' slop. Treating.....	C. J. Roehr.	823,366	June 12	2298	.....	122	2277
Brewing soy.....	T. Suzuki.	825,500	July 10	1680	351	123	454
Brick.....	A. F. Gerald.	833,455	Oct. 16	2928	620	124	2014

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Brick.	S. Veyon.	839,792	Dec. 25	5001	1068	125	2718
Brick and artificial stone. Machine for making.	G. Wettlauffer.	825,166	July 3	954	202	123	249
Brick and tile cutting machine.	C. P. Mayer.	828,622	Aug. 14	1869	394	123	2165
Brick-clamp.	J. H. Shaffrank.	828,576	Aug. 14	1787	377	123	2144
Brick-clamp.	P. Stewart.	835,376	Nov. 6	1003	213	125	254
Brick-clay-crusher rolls.	J. H. Bach.	813,273	Feb. 20	3490	769	120	2334
Brick. Composite.	L. Elkus.	837,290	Dec. 4	37	.....	125	1363
Brick compound. Fire.	T. P. Gourley.	822,600	June 5	749	.....	122	1893
Brick-cutting machine.	H. L. Barr and F. Gandert.	812,973	Feb. 20	2909	641	120	2209
Brick-drying rack. Portable.	C. R. Knight and J. Tennesen.	814,966	Mar. 13	1915	402-3	121	473
Brick-dumping machine.	D. Hyde.	831,073	Sept. 18	2377	500-1	124	658
Brick for building sidings.	S. Worster.	826,639	July 24	4006	829	123	1065
Brick for chimneys.	R. P. Weber.	823,011	June 12	1563	324	122	2118
Brick. Interlocking.	F. P. Allen and J. M. Schofield.	824,329	June 26	4140	886	122	2793
Brick-kiln.	J. Manypenny.	815,189	Mar. 13	2395	499	121	580
Brick-kiln.	J. Elcock.	824,919	July 3	486	95	123	130
Brick-kiln. Oil-burning.	R. South.	818,129	Apr. 17	3147	677	121	2160
Brick. Knife for striking off.	J. Jackson and G. R. Hobbs.	823,787	June 19	3124	662	122	2516
Brick-machine.	O. Nolan.	811,518	Jan. 30	5848	1224-5	120	1426
Brick-machine.	P. Thomann.	823,232	June 12	2051	426	122	2225
Brick-machine.	C. E. Poston.	826,356	July 17	3370	697	123	884
Brick-machine.	L. A. Brown and R. Lang.	828,377	Aug. 14	1383	292	123	2038
Brick-machine.	G. E. Luce.	829,115	Aug. 21	2865	601-2	123	2450
Brick-machine.	O. Nolan.	831,461	Sept. 18	3122	661	124	841
Brick-machine.	D. F. McDonald.	832,404	Oct. 2	775	150	124	1399
Brick-machine.	R. B. Pfister.	833,625	Oct. 16	3266	695-6	124	2094
Brick-machine.	D. P. Sanders.	835,201	Nov. 6	651	134	125	166
Brick-machine.	S. S. Gardiner.	835,674	Nov. 13	1573	336-7	125	440
Brick-machine. Hand-power.	J. A. Sodestrom.	820,885	May 15	3815	814	122	968
Brick-machines. Cut-off mechanism for.	H. K. King.	815,022	Mar. 13	2051	429-30	121	502
Brick making and re-pressing machine.	W. L. St. Clair.	830,111	Sept. 4	408	83-4	124	100
Brick-making machine.	C. W. Pratt.	816,374	Mar. 27	4867	1032-3	121	1215
Brick-making machine.	C. H. Nesselroad.	830,357	Sept. 4	917	190-1	124	226
Brick-making machine.	C. J. Boos.	851,596	Sept. 25	3403	714-15	124	949
Brick-making machine.	J. D. Luttrell.	834,013	Oct. 23	4225	896	124	2372
Brick. Making refractory.	H. N. Potter.	829,427	Aug. 28	3520	.....	123	2657
Brick. Manufacture of.	G. A. Riddle.	817,988	Apr. 17	2869	.....	121	2101
Brick-mold.	J. A. Judie.	818,452	Apr. 24	3791	814	121	2351
Brick molding and pressing machine.	H. G. Morris.	819,781	May 8	1481	317	122	391
Brick-molding apparatus.	P. P. Welty.	832,645	Oct. 9	1264	254-5	124	1558
Brick-molding machine.	A. P. Melton.	825,919	July 17	2524	526	123	672
Brick-molding machine.	E. A. Enos.	828,727	Aug. 14	2080	438	123	2218
Brick-molding machine. Building.	A. C. Müller.	820,590	May 15	3177	683	122	829
Brick or block and facing therefor. Building.	W. B. Fenn.	833,736	Oct. 23	3478	742	124	2190
Brick. Ornamental.	F. Pedrick.	827,464	July 31	5732	1187	123	1507
Brick-pallet.	F. Bentley.	817,689	Apr. 10	2235	479	121	1903
Brick-pallet.	F. Bentley.	833,665	Oct. 16	3335	709	124	2111
Brick-press.	C. W. Reynolds.	825,614	July 10	1914	405-6	123	509
Brick-press.	F. Mueller.	826,438	July 17	3518	732-3	123	921
Brick-press.	W. P. Grath.	832,125	Oct. 2	209	42	124	1264
Bricks produced in the molding-press. Conveying device for all kinds of unburned.	F. Herrmann.	839,587	Dec. 25	4579	976-7	125	2615
Brick, tile, and various shapes. Producing vitrified.	R. Baggaley.	810,022	Jan. 16	2834	.....	120	706
Brick-tongs.	R. Skov and J. Forberg.	809,146	Jan. 2	1036	214	120	227
Bricks and artificial stone. Mold for manufacturing.	G. A. Gould.	820,298	May 8	2595	565	122	640
Bricks and the like from plastic material. Molding-machine for forming.	G. Brown.	833,952	Oct. 23	3969	843	124	2315
Bricks. Burning.	A. Stiel.	832,432	Oct. 2	831	160	124	1412
Bricks. Composition for the construction of.	E. R. Stowell.	819,467	May 1	869	.....	122	195
Bricks, &c. Device for cutting and setting.	F. Beyer.	821,453	May 22	4970	1057	122	1284
Bricks. Manufacture of sand-lime.	A. Gordon.	809,053	Jan. 2	852	181	120	188
Bricks or other articles formed or constructed of clay. Treating.	J. Simons.	829,177	Aug. 21	3019	.....	123	2488
Bricks, stone, and artificial stone. Treating.	T. D. Ball.	835,742	Nov. 13	1692	.....	125	470
Bricklayer's tool.	E. Weiss.	814,926	Mar. 13	1831	384	121	457
Bricklaying. Combination-tool for.	S. Roberts.	831,104	Sept. 18	2448	516-17	124	672
Brickmaking-machine.	J. W. and G. W. Ferguson.	837,818	Dec. 4	1066	238	125	1618
Brickmaking plant.	H. H. Walsh.	836,547	Nov. 20	3268	696	125	905
Bridge.	C. Kutz.	830,798	May 15	3575	764	122	916
Bridge.	A. F. Campbell.	822,581	June 5	703	142-3	122	1883
Bridge.	F. G. Borg.	828,873	Aug. 21	2365	503	123	2319
Bridge.	G. H. Chavey.	837,796	Dec. 4	1029	229	125	1608
Bridge.	W. E. Whiteside.	838,485	Dec. 11	2412	524	125	1995
Bridge and door operating device.	S. Szentjányossy.	837,649	Dec. 4	749	171	125	1539
Bridge and making the same.	J. B. Strauss.	811,257	Jan. 30	5380	1122-3	120	1328
Bridge. Bascule.	R. E. Newton.	824,135	June 26	3764	804	122	2712
Bridge. Draw.	B. F. Williams.	820,687	May 15	3355	719	122	865
Bridge. Ferry.	N. W. Condict and J. B. French.	824,627	June 26	4758	1014	122	2925
Bridge-floor fastener.	J. T. Campbell.	837,793	Dec. 4	1022	227	125	1607
Bridge-gate.	J. F. Schoettes.	839,427	Dec. 25	4257	911	125	2538
Bridge-guard whip.	J. H. Donaldson.	810,041	Jan. 16	2884	595	120	717
Bridge lock. Safety.	H. Alsop.	820,842	May 15	3689	786	122	941
Bridge. Movable.	T. Rall.	817,516	Apr. 10	1931	407-8	121	1839
Bridge. Movable.	T. Rall. (Reissue).	12,570	Nov. 27	4758	1007	125	1306
Bridge safety-gate. Draw.	J. B. Lardinois.	809,817	Jan. 9	2413	500-1	120	563
Bridge. Truss.	W. J. Humphreys.	809,264	Jan. 2	1308	266	120	288
Bridge. Truss.	J. Inman.	834,621	Oct. 30	5470	1161	124	2730
Bridges, &c. Means for supporting the expansion ends of.	P. B. Motley.	809,071	Jan. 2	878	186-7	120	194
Bridging horizontal and vertical spaces.	R. C. Sayer.	812,952	Feb. 20	2864	631-3	120	2201
Bride.	H. I. Hansbrough.	813,885	Feb. 27	4725	1045	120	2661
Bride.	M. J. Halliburton.	815,424	Mar. 20	2928	607	121	746
Bride.	C. Hay-Hay.	815,703	Mar. 20	3461	722	121	863
Bride.	J. S. Dean.	829,512	Aug. 28	3732	792	123	2710
Bride.	F. Sommers.	830,019	Sept. 4	216	41	124	53
Bride.	H. A. Sievert.	838,656	Dec. 18	2755	590	125	2124

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bridle attachment.	E. B. Merriman.	820,658	May 15	3288	706	122	851
Bridle-bit.	C. H. Falls.	809,364	Jan. 9	1524	309	120	370
Bridle-bit.	A. B. Campbell.	812,112	Feb. 6	1153	253	120	1723
Bridle-bit.	H. A. Sievert.	815,385	Mar. 20	2844	591	121	725
Bridle-bit.	G. M. Peters.	818,781	Apr. 24	4484	960	121	2502
Bridle-bit.	P. H. Flynn.	821,033	May 22	4122	876	122	1007
Bridle-bit.	H. Schlueter.	823,368	June 12	2300	481	122	2277
Bridle-bit.	H. Turton.	823,564	June 19	2709	573	122	2424
Bridle-bit.	H. Turton.	823,565	June 19	2710	573	122	2424
Bridle-bit.	W. Gardner.	830,707	Sept. 11	1672	344	124	451
Bridle-bit.	F. J. Beard.	835,092	Nov. 6	438	88	125	115
Bridle-bit and attaching means therefor.	F. Weathers.	813,337	Feb. 20	3631	797	120	2363
Bridle-bit and its connections.	S. Pollock.	827,818	Aug. 7	259	53	123	1736
Bridle-bit cheek-piece.	N. Stalker.	816,615	Apr. 3	152	31	121	1395
Bridle-bit curb or controller.	A. Buermann.	822,504	June 5	533	109	122	1842
Briquet-machine.	H. E. Marsh.	813,657	Feb. 27	4271	939-40	120	2563
Briquet-machine.	R. Morgeneier.	826,046	July 17	2774	575-6	123	740
Briquet machinery.	T. B. Wilcox.	829,044	Aug. 21	2717	569-70	123	2410
Briquet machinery.	T. B. Wilcox.	829,045	Aug. 21	2719	570-1	123	2410
Briquet machinery.	T. B. Wilcox.	829,046	Aug. 21	2721	571	123	2411
Briquet-making press.	R. Martin.	834,215	Oct. 23	4851	986	124	2479
Briquet-molding machine.	W. A. Simmons and C. W. Gar-side.	835,737	Nov. 13	1682	358	125	468
Briquet-press.	J. J. Crawford.	823,263	June 12	2110	439-40	122	2238
Briquets. Manufacturing.	E. Würl.	826,007	July 17	2709		123	725
Briquets. Oven for the manufacture of ovoid or other shape smokeless.	L. de Gourmay.	826,027	July 17	2741	567	123	733
Briquets. Preparing a mass for making.	B. Wagner.	829,042	Aug. 21	2714		123	2409
Briqueting-machine.	R. C. Hills.	815,532	Mar. 20	3119	652-4	121	787
Briqueting-machine.	W. Simpkin.	815,647	Mar. 20	3345	700-1	121	837
Briqueting-machine.	C. Demetrak.	820,288	May 8	2579	561-2	122	637
Briqueting-machine.	H. E. Marsh.	832,553	Oct. 2	1062	213	124	1409
Briqueting-press.	H. E. Marsh.	811,860	Feb. 6	614	134	120	1614
Briqueting process.	R. Schorr.	836,897	Nov. 27	3991	851	125	1123
Broiler.	J. M. Stokoe.	809,639	Jan. 9	2093	434	120	491
Broiler.	E. L. Flandreau.	829,642	Aug. 28	4000	847	123	2777
Broiler.	J. J. Jones.	833,529	Oct. 16	3070	651	124	2047
Broiler. Gas.	H. Gandar.	824,477	June 26	4466	947	122	2861
Broiler. Meat.	J. Glanzberg.	837,619	Dec. 4	683	157	125	1524
Broiling apparatus.	M. G. Vartanian.	839,236	Dec. 25	3893	835	125	2445
Broiling apparatus.	J. G. Lanz.	817,145	Apr. 3	1170	242	121	1619
Bromin-substituted tannin-urea derivative and making same.	A. Voswinkel and R. Lauch.	828,908	Aug. 21	2440		123	2339
Bronze. Apparatus for removing superfluous.	E. O. Bennett.	839,704	Dec. 25	4822	1031	125	2675
Bronzing and dust-removing machine. Combined.	M. Fritsche.	835,883	Nov. 13	1964	416	125	535
Bronzing apparatus.	C. Kohlbach.	820,721	May 15	3419	731	122	880
Bronzing-machine.	L. Haenlein.	812,562	Feb. 13	2114	463	120	1997
Bronzing-machine.	M. Fritsche.	822,108	May 29	6234	1329	122	1622
Bronzing of printed matter. Device for facilitating the.	F. Janonshek, Jr.	818,091	Apr. 17	3069	662	121	2142
Brooch and other pin fastening.	A. Edmond.	832,246	Oct. 2	472	87	124	1327
Brooches, scarf-pins, and the like. Safety-lock for.	F. Drissler.	823,517	June 19	2621	551	122	2406
Brooder.	C. J. Becker.	808,808	Jan. 2	367	79	120	81
Brooder.	N. Saltonstall.	809,631	Jan. 9	2069	429-30	120	486
Brooder.	P. Coats.	811,484	Jan. 30	5786	1211	120	1414
Brooder.	H. P. Rau.	813,115	Feb. 20	3189	697-8	120	2272
Brooder.	F. C. Hare.	814,041	Mar. 6	84	15-16	121	20
Brooder.	C. A. Tuck.	817,021	Apr. 3	950	195	121	1569
Brooder.	W. V. Jacobs.	818,028	Apr. 17	2958	638-9	121	2119
Brooder.	L. W. Clark.	818,872	Apr. 24	4654	999	121	2538
Brooder.	E. Grummer.	826,932	July 24	4562	949	123	1205
Brooder.	R. M. North.	834,401	Oct. 30	5044	1068	124	2621
Brooder.	G. Cramer.	834,450	Oct. 30	5122	1087-8	124	2642
Brooder. Chicken.	G. S. Summers.	823,902	June 19	3343	712-13	122	2565
Brooder. Chicken.	C. F. Snover.	835,871	Nov. 13	1940	410	125	530
Brooder. Chicken.	C. L. Pashley.	836,276	Nov. 20	2740	582	125	779
Brooder. Cool.	N. A. Lybeck.	822,619	June 5	784	159	122	1901
Brooder-heater.	J. G. Hoffman.	832,016	Sept. 25	4268	892	124	1172
Brooder-heater.	G. E. Littlefield.	836,194	Nov. 20	2569	542	125	733
Brooder-hover.	H. H. Blackman.	825,698	July 10	2120	442	123	564
Brooder. Pig.	H. B. Vail.	809,543	Jan. 9	1886	391-2	120	448
Brooder. Poultry.	E. J. Hudson.	836,259	Nov. 20	2710	576	125	770
Brooders. Mirror attachment for.	H. H. Blackman.	825,697	July 10	2119	442	123	564
Broom.	C. E. Huxley.	822,667	June 5	872	179	122	1921
Broom.	R. J. Ellis.	825,590	July 10	1861	394	123	496
Broom.	F. W. Pendergast.	825,978	July 17	2640	548	123	706
Broom.	C. Weaner.	833,766	Oct. 23	3540	754	124	2206
Broom and brush cutter.	G. H. Pallady.	826,056	July 17	2802	581	123	746
Broom-bridle.	C. A. Hall.	817,971	Apr. 17	2543	616	121	2095
Broom-corn-cutting machine.	C. R. Huckleberry.	815,018	Mar. 13	2040	427-8	121	499
Broom-handle.	T. I. Swagerty.	812,309	Feb. 13	1619	356	120	1895
Broom-handle.	E. T. Atwell.	815,058	Mar. 13	2118	446	121	517
Broom-holder.	W. M. Kellogg.	813,712	Feb. 27	4375	965	120	2585
Broom-holder.	J. E. Kenerson.	819,070	May 1	71	17	122	19
Broom-holder.	J. D. Mack.	825,332	July 10	1292	272	123	355
Broom-holder.	S. Walter.	832,104	Oct. 2	165	33	124	1254
Broom-holder.	F. H. Bollman.	835,725	Nov. 13	1665	353	125	463
Broom-protector.	J. C. Cooper.	839,057	Dec. 18	3478	751	125	2300
Broom-rack.	W. H. Speiser.	838,473	Dec. 11	2394	519	125	1991
Broom-rake.	N. Dort.	818,751	Apr. 24	4239	947	121	2490
Broom-shield.	H. E. Clark.	822,507	June 5	537	110	122	1843
Brooms. Dust-receiver for.	G. W. Barian.	831,924	Sept. 25	4103	855	124	1130
Brooms. Dustless attachment for.	F. Sheridan.	809,991	Jan. 16	2764	568	120	692
Brooms. Fountain attachment for.	D. T. White.	833,015	Oct. 9	1991	416	124	1731
Brush.	S. H. Brister.	810,708	Jan. 23	4274	886	120	1056
Brush.	I. C. Isaacs.	817,117	Apr. 3	1121	232	121	1609

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr &	Vol.	Page.
Brush.	W. E. Whittemore.	818,497	Apr. 24	3872	833	121	2368
Brush.	O. Fish.	818,531	Apr. 24	3968	852	121	2388
Brush.	R. Kulenkampff.	818,696	Apr. 24	4300	922	121	2460
Brush.	J. Schreiner.	819,934	May 8	1792	387-8	122	464
Brush.	H. W. Gowen.	820,299	May 8	2597	565	122	641
Brush.	W. H. Bennett.	821,078	May 22	4216	896	122	1117
Brush.	A. L. Sonn.	821,894	May 29	5830	1240	122	1530
Brush.	J. P. Wiens.	821,968	May 29	5976	1273	122	1562
Brush.	M. W. Wright.	822,708	June 5	970	198	122	1942
Brush.	R. E. Williams.	823,312	June 12	2206	460	122	2257
Brush.	S. D. Purdy.	823,363	June 12	2291	479	122	2276
Brush.	J. W. Ferguson.	823,520	June 19	2624	551-2	122	2406
Brush.	F. Kleinsorgen.	825,910	July 17	2510	522	123	669
Brush.	W. H. Dennin.	826,408	July 17	3462	719	123	905
Brush.	J. De Vere.	828,540	Aug. 14	1712	361	123	2123
Brush.	J. K. Thomas.	828,584	Aug. 14	1797	379	123	2146
Brush.	R. H. McKittrick and H. E. Sterry.	829,540	Aug. 28	3792	805	123	2725
Brush.	F. Graul.	831,340	Sept. 18	2904	615	124	785
Brush.	M. H. Guggenheim and M. G. Neuburg.	832,055	Oct. 2	53	13	124	1226
Brush.	S. B. McHenry.	832,498	Oct. 2	962	191	124	1443
Brush.	B. H. Cook.	832,656	Oct. 9	1292	260	124	1564
Brush.	E. K. Warren.	834,853	Oct. 30	5941	1261	124	2849
Brush.	J. and W. H. Wambsgans.	837,523	Dec. 4	480	109	125	1476
Brush. Air.	L. Walkup.	817,819	Apr. 17	2521	540	121	2022
Brush and comb. Combined.	T. J. McCloskey.	828,234	Aug. 7	1066	224	123	1930
Brush and comb. Combined hair.	A. McKenzie.	812,766	Feb. 13	2490	547	120	2071
Brush and dentifrice bracket. Tooth.	L. W. McConnell and W. V. Gage.	837,871	Dec. 4	1175	260	125	1646
Brush and door-closer. Automatic fly.	A. Miller.	821,880	May 29	5798	1235	122	1532
Brush and holder. Combined tooth.	R. W. Morgan.	835,365	Nov. 6	978	208	125	248
Brush and mop holder. Combined.	E. B. Golden.	813,550	Feb. 27	4067	891	120	2520
Brush. Antiseptic shaving.	A. Braunstein and A. Rattiner.	829,364	Aug. 21	3391	715	123	2579
Brush-back boring and filling machine.	C. Grüneberg.	828,473	Aug. 14	1578	333-4	123	2089
Brush. Bottle-washer.	B. Gohrband.	818,086	Apr. 17	3060	660	121	2140
Brush-bridle.	L. S. Lesso.	822,377	June 5	293	60	122	1789
Brush-bridle.	J. T. Hart.	830,065	Sept. 4	313	63	124	76
Brush cleaner. Paint and varnish.	E. B. Alley and M. J. Sousa.	820,081	May 8	2168	472	122	546
Brush. Cleaning.	P. J. Bode.	828,705	Aug. 14	2029	428	123	2204
Brush construction.	H. P. Osborn.	832,805	Oct. 9	1591	326	124	1634
Brush device. Reciprocating.	H. L. Rambeau.	826,526	July 17	3747	777	123	983
Brush. Dusting.	G. Koch.	815,593	Mar. 20	3222	678	121	809
Brush. Expansive.	D. J. Purdy.	817,337	Apr. 10	1559	328	121	1760
Brush ferrule or band.	A. H. Wolcott.	828,697	Aug. 14	2017	426	123	2201
Brush-filling machine.	F. C. Curtis.	811,831	Feb. 6	551	122	120	1602
Brush-filling machine. Pneumatic.	J. Morrison, Jr.	824,503	June 26	4507	956	122	2871
Brush. Flat.	J. F. Bowditch.	822,571	June 5	679	138	122	1877
Brush. Folding.	M. H. Tupper.	821,320	May 22	4681	997	122	1219
Brush for bath-tubs. Adjustable back.	J. W. Bedford, Jr.	819,200	May 1	328	70	122	81
Brush. Fountain.	E. C. Davey.	810,470	Jan. 23	3825	785	120	956
Brush. Fountain.	G. L. Belcher.	811,272	Jan. 30	5411	1128	120	1335
Brush. Fountain.	J. Caddell and A. Sutherland.	818,666	Apr. 24	4244	912	121	2449
Brush. Fountain.	W. I. Ferris.	824,688	June 26	4873	1038	122	2948
Brush. Fountain.	B. D. Knickerbocker.	827,376	July 31	5485	1140	123	1447
Brush. Fountain.	E. L. Anderson.	828,364	Aug. 14	1364	287	123	2033
Brush. Fountain blacking.	C. A. Conners.	838,241	Dec. 11	1948	417	125	1882
Brush. Fountain paint.	A. Wagner.	816,765	Apr. 3	424	96	121	1452
Brush. Fountain paint.	G. Meyer and C. G. Braun.	821,879	May 29	5797	1235	122	1532
Brush. Fountain paint.	C. H. Abbott.	823,458	June 12	2464	520	122	2312
Brush. Hair.	C. R. Uhlmann.	819,960	May 8	1880	415	122	481
Brush-holder.	C. A. Harris.	816,793	Apr. 3	473	106	121	1461
Brush-holder.	W. L. Waters.	823,569	June 19	2717	575	122	2425
Brush-holder.	C. A. Harris.	824,296	June 26	4081	872	122	2780
Brush-holder.	H. M. Willis.	829,047	Aug. 21	2723	572	123	2411
Brush holder and scraper.	C. T. Greener.	810,640	Jan. 23	4160	859	120	1030
Brush holder and sterilizer. Tooth.	D. M. Hitch.	827,308	July 31	5353	1112	123	1415
Brush-holder. Electrical.	M. St. Clair.	811,673	Feb. 6	272	60	120	1545
Brush holder. Tooth.	E. J. Hyde.	832,975	Oct. 9	1922	401	124	1714
Brush holder. Tooth.	W. E. Lawrence.	835,732	Nov. 13	1675	356	125	466
Brush or puff. Powder.	E. Chaquette.	817,694	Apr. 10	2243	482	121	1904
Brush. Paste-jar.	A. N. Ritz.	810,436	Jan. 23	3753	773	120	938
Brush. Polishing.	R. Crover.	834,363	Oct. 30	4962	1051	124	2603
Brush-rake and harrow. Combined.	W. J. Crook.	837,450	Dec. 4	347	82	125	1442
Brush. Rotary.	H. Nielson.	822,757	June 5	1050	215	122	1959
Brush. Sanitary hair.	R. J. Ellis.	838,527	Dec. 18	2501	541	125	2061
Brush. Scrubbing.	J. Baumruk.	827,074	July 31	4867	1014	123	1293
Brush. Scrubbing.	F. W. Scofield.	839,042	Dec. 18	3452	746	125	2293
Brush. Shaving.	E. A. Farron.	825,448	July 10	1561	322	123	426
Brush. Shaving.	J. W. Hawkins.	829,784	Aug. 28	4305	909	123	2850
Brush. Tooth.	M. Rosenstein.	814,235	Mar. 6	452	93	121	97
Brush. Tooth.	C. R. Stevenson.	818,000	Apr. 17	2899	626	121	2108
Brush. Tooth.	S. E. Babcock.	824,087	June 26	3688	785	122	2695
Brush. Tooth.	G. Engel.	827,965	Aug. 7	546	112	123	1808
Brush. Tooth.	W. L. Whaley and H. L. Loring.	829,449	Aug. 28	3590	755	123	2674
Brush. Tooth.	C. D. Miller.	835,709	Nov. 13	1636	348	125	456
Brush with detachable handle. Bath.	B. D. Knickerbocker.	823,471	June 12	2482	524	122	2316
Brush with grooved block. Sectional.	C. A. Feters.	822,836	June 5	1200	246	122	1991
Brushes. Attachment for hand-operated.	J. Graf.	832,966	Oct. 9	1904	397	124	1710
Brushes, &c. Attachment for tooth.	J. L. Ubellar.	831,391	Sept. 18	2994	636	124	807
Brushes. Making.	H. M. Schwartz.	826,119	July 17	2926	607	123	777
Brushes. Manufacture of.	W. A. Weir.	837,015	Nov. 27	4252	905	125	1181
Bubble-fountain.	S. H. Tacy.	814,889	Mar. 13	1771	371	121	445
Bubble-fountain.	S. H. Tacy.	814,890	Mar. 13	1774	371	121	445
Bubble pipe. Soap.	J. Blonde.	823,388	June 12	2330	488	122	2283
Bucket.	E. H. Lea.	833,469	Oct. 16	2956	628	124	2021
Bucket and trap. Combined minnow.	S. B. Saffell.	814,480	Mar. 6	974	199	121	212

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Bucket and trap. Combined minnow.....	F. Petmecky.....	816,251	Mar. 27	4588	977	121	1156
Bucket. Automatic.....	F. O. Clukies and A. M. Hazell.....	827,080	July 31	4877	1017	123	1295
Bucket-blanks. Producing.....	P. A. Lorenz.....	828,226	Aug. 7	1050	221	123	1927
Bucket. Clam-shell.....	J. McMyler.....	811,946	Feb. 6	824	181	120	1657
Bucket. Clam-shell.....	J. C. Slocum.....	813,527	Feb. 27	4023	881	120	2510
Bucket. Clam-shell.....	J. C. Slocum.....	813,528	Feb. 27	4026	882	120	2511
Bucket. Clam-shell.....	G. H. Williams.....	823,015	June 12	1570	325-6	122	2120
Bucket. Clam-shell.....	M. J. Purtle.....	823,290	June 12	2160	450-1	122	2248
Bucket. Clam-shell.....	R. W. Kaltenbach and J. Griess, Jr.....	823,412	June 12	2370	499	122	2292
Bucket. Clam-shell.....	R. W. Kaltenbach and J. Griess, Jr.....	823,413	June 12	2373	500	122	2293
Bucket. Clam-shell.....	S. Swedenborg. (Reissue).....	12,514	July 24	4856	1011-12	123	1275
Bucket. Clam-shell.....	W. B. Skenkle.....	835,567	Nov. 13	1373	295	125	390
Bucket. Clam-shell.....	V. E. Lane.....	837,079	Nov. 27	4386	929-30	125	1215
Bucket. Dinner.....	H. J. Drear.....	810,730	Jan. 23	4315	896-7	120	1064
Bucket. Dredge.....	G. W. King.....	838,120	Dec. 11	1689	364	125	1819
Bucket. Dumping.....	A. Henderson.....	816,579	Apr. 3	44	11	121	1364
Bucket. Dumping.....	C. J. Close.....	818,668	Apr. 24	4247	913	121	2450
Bucket. Dumping.....	J. Kozora.....	834,305	Oct. 30	4850	1025	124	2574
Bucket elevator.....	J. Ross.....	833,417	Oct. 16	2833	601	124	1992
Bucket. Grab.....	A. E. Brown.....	808,630	Jan. 2	20	5	120	7
Bucket. Grab.....	J. A. McGrew.....	831,089	Sept. 18	2428	510-11	124	667
Bucket grip. Tramway.....	E. A. Brown.....	830,564	Sept. 11	1360	283	124	365
Bucket hoisting and conveying means. Two-rope grab.....	A. E. Brown.....	829,057	Aug. 21	2740	575-6	123	2416
Bucket-operating mechanism. Clam-shell.....	F. E. Hulett.....	818,626	Apr. 24	4163	895-6	121	2431
Bucket or conveyer.....	W. F. Jones.....	816,332	Mar. 27	4780	1012-13	121	1197
Bucket-support.....	J. F. Silver.....	825,248	July 3	1110	235	123	289
Bucket. Trip.....	P. Entringer.....	828,025	Aug. 7	678	140	123	1839
Bucket-wheel.....	J. Wilkinson.....	819,105	May 1	142	30	122	36
Bucket-wheels. Means for preventing the distortion of.....	W. L. R. Emmet.....	830,892	Sept. 11	1999	421	124	535
Buckle.....	F. T. Whitted.....	809,874	Jan. 9	2515	522	120	587
Buckle.....	J. J. Creedon.....	811,548	Feb. 6	23	6	120	1490
Buckle.....	A. S. Merrill and H. M. Howard.....	812,862	Feb. 20	2683	592	120	2159
Buckle.....	E. J. Kraetzer.....	815,538	Mar. 20	3132	655	121	790
Buckle.....	S. M. Holt.....	817,065	Apr. 3	1025	211	121	1585
Buckle.....	E. A. McMillin.....	817,184	Apr. 10	1262	262	121	1699
Buckle.....	W. F. Osborne.....	818,780	Apr. 24	4483	960	121	2501
Buckle.....	E. M. Southwick.....	819,180	May 1	281	60	122	71
Buckle.....	H. D. and C. F. Jacobson.....	820,307	May 8	2608	568	122	644
Buckle.....	G. H. Ford.....	820,710	May 15	3399	727	122	876
Buckle.....	L. M. Kenton.....	821,170	May 22	4388	933-4	122	1155
Buckle.....	L. Sanders.....	822,080	May 29	6185	1318	122	1611
Buckle.....	C. A. Brewer.....	824,276	June 26	4043	866	122	2773
Buckle.....	E. M. Hoagland.....	825,600	July 10	1880	397	123	501
Buckle.....	W. D. Flynn.....	825,880	July 10	2457	512	123	644
Buckle.....	C. P. Nutter.....	826,267	July 17	3197	662	123	841
Buckle.....	J. H. Pilkington.....	828,626	Aug. 14	1875	394	123	2166
Buckle.....	W. G. Stratton.....	828,868	Aug. 14	2345	499	123	2284
Buckle.....	J. W. Gonce.....	829,776	Aug. 28	4290	907	123	2847
Buckle.....	W. J. New, Jr.....	831,090	Sept. 18	2429	511	124	668
Buckle.....	W. Bloomberg.....	836,176	Nov. 20	2528	531	125	725
Buckle.....	J. A. Patton.....	836,338	Nov. 20	2859	607	125	807
Buckle.....	J. F. Molloy.....	837,095	Nov. 27	4418	937	125	1223
Buckle.....	O. C. Davis.....	837,451	Dec. 4	348	82	125	1442
Buckle.....	A. T. Van Alstyn.....	837,650	Dec. 4	750	171	125	1540
Buckle.....	W. A. Baldwin.....	837,656	Dec. 4	759	173	125	1542
Buckle.....	W. A. Baldwin.....	837,657	Dec. 4	761	173	125	1543
Buckle.....	C. E. Smith.....	839,217	Dec. 25	3851	828	125	2437
Buckle and loop. Wire.....	J. C. Moore.....	818,041	Apr. 17	2983	644	121	2125
Buckle and plow-line supporter. Back-band.....	J. L. Reynolds.....	828,339	Aug. 14	1313	277-8	123	2020
Buckle. Bale.....	W. Ross, Sr.....	834,758	Oct. 30	5738	1217	124	2799
Buckle-clip.....	E. F. Gingras.....	835,752	Nov. 13	1711	364	125	475
Buckle. Cross-line.....	C. A. Baker.....	821,976	May 29	5990	1277	122	1565
Buckle. Cross-line.....	F. S. Smith.....	822,396	June 5	324	67	122	1797
Buckle. Cross-line.....	D. G. Hawkins.....	828,475	Aug. 14	1584	334	123	2091
Buckle. Cross-line.....	R. B. Benford.....	830,489	Sept. 11	1200	250	124	326
Buckle. Cross-line.....	A. H. Makee.....	832,918	Oct. 9	1819	375	124	1690
Buckle. Cross-line.....	J. B. Carpenter.....	833,998	Oct. 23	4183	887	124	2360
Buckle. Cross-line.....	N. G. Wilson.....	838,676	Dec. 18	2794	600	125	2133
Buckle. Cross-rein.....	C. A. Powell.....	830,101	Sept. 4	382	78	124	93
Buckle. Detachable.....	M. Barabasz.....	817,464	Apr. 10	1835	384	121	1819
Buckle. Harness.....	E. D. Hale.....	834,296	Oct. 30	4836	1022	124	2570
Buckle-hook.....	W. W. Reid.....	818,292	Apr. 17	3473	747	121	2229
Buckle. Line and rein.....	F. M. Kibbey.....	818,970	Apr. 24	4836	1039	121	2578
Buckle. Lock.....	J. Shaw.....	812,372	Feb. 13	1726	378	120	1918
Buckle or fastening device.....	R. H. Austin.....	831,402	Sept. 18	3010	640	124	811
Buckle. Sanitary-belt.....	R. F. Bennett.....	837,276	Dec. 4	14	6	125	1358
Buckle-shield and trace-holder.....	J. H. Barklage.....	832,228	Oct. 2	437	81	124	1319
Buckle. Strap.....	P. H. Burke.....	818,074	Apr. 17	3038	656	121	2135
Buckle. Suspender.....	J. F. Molloy.....	837,704	Dec. 4	863	195	125	1569
Buckle. Trace.....	O. Rampendahl.....	818,559	Apr. 24	4021	862	121	2399
Buckle. Trace.....	E. L. Goodrich.....	818,881	Apr. 24	4670	1002	121	2540
Buckle. Trace.....	H. Johnson.....	834,811	Oct. 30	5849	1240	124	2826
Buckle. Wrought-metal.....	C. S. and A. S. Huntington.....	823,868	June 19	3276	694	122	2550
Buffer.....	S. M. Goldberg.....	825,717	July 10	2162	451	123	573
Buffer. Cork.....	C. E. Whetpley.....	833,653	Oct. 16	3318	706	124	2106
Buffing-machine.....	J. F. Jesseman.....	811,504	Jan. 30	5823	1219	120	1421
Buffing-machine.....	A. W. Rogers.....	822,154	May 29	6329	1346-7	122	1645
Buffing-roll.....	J. Busfield.....	819,722	May 8	1361	294	122	366
Buggy.....	H. M. Foulk.....	819,133	May 1	196	40	122	49
Buggy-boot and fastener.....	P. J. Blaser.....	822,041	May 29	6115	1303	122	1595
Buggy-boot closure.....	T. Bartholomew and F. Schultz.....	828,082	Aug. 7	795	164	123	1867
Buggy-bow spring attachment.....	G. A. Johnson.....	818,827	Apr. 24	4577	981	121	2521

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dwg.	Vol.	Page.
Buggy-spring.....	W. M. Heeter.....	822,738	June 5	1019	209	122	1952
Buggy storn-front.....	J. A. Wilson.....	822,173	May 29	6369	1353	122	1652
Buggy. Top.....	J. Morris.....	821,727	May 29	5513	1175	122	1458
Buggy-top curtain-holder.....	C. W. Noble and E. O. McHenry.....	809,457	Jan. 9	1729	357	120	414
Buggy-top-joint controller.....	T. M. Nimmo and C. B. Long.....	827,651	July 31	6133	1274	123	1610
Buggy-top prop.....	I. S. Norton.....	836,203	Nov. 20	2581	544	125	736
Buggy-top support.....	W. N. Stroud.....	822,225	May 29	6469	1373	122	1676
Buggy-top support.....	L. W. Loving.....	833,632	Dec. 18	2708	580	125	2112
Buggy-valance.....	C. W. Fisher.....	814,195	Mar. 6	374	76	121	81
Building-block.....	F. M. Sawyer.....	812,369	Feb. 13	1716	377	120	1917
Building-block.....	J. A. Johnson.....	812,498	Feb. 13	1969	432	120	1967
Building-block.....	W. D. Moore.....	812,667	Feb. 13	2301	501	120	2032
Building-block.....	J. Lovett.....	814,973	Mar. 13	1925	404	121	476
Building-block.....	A. Klay.....	815,097	Mar. 13	2191	462	121	532
Building-block.....	C. Lugabill.....	815,607	Mar. 20	3256	683	121	817
Building-block.....	D. A. Schoeneman.....	815,641	Mar. 20	3332	698	121	834
Building-block.....	N. J. Peterson.....	818,551	Apr. 24	4007	859	121	2396
Building-block.....	I. A. Vickerman.....	819,100	May 1	132	28	122	34
Building-block.....	C. S. Burton.....	820,387	May 15	2764	600	122	739
Building-block.....	J. Crampton.....	828,930	Aug. 21	2482	526	123	2351
Building-block.....	F. Fournier.....	834,610	Oct. 30	5438	1155	124	2721
Building-block.....	M. Eckley.....	835,669	Nov. 13	1567	335	125	439
Building-block.....	J. A. Douglass.....	836,017	Nov. 13	2185	468	125	587
Building-block.....	A. D. Whisler.....	837,163	Nov. 27	4550	965	125	1254
Building-block.....	E. V. Johnson.....	837,572	Dec. 4	575	134	125	1499
Building-block.....	J. H. Clayton.....	838,844	Dec. 18	3101	668	125	2209
Building block and wall.....	J. A. Ferguson.....	826,777	July 24	4261	886	123	1131
Building-block and wall constructed therefrom.....	A. O. Thomas.....	825,320	June 5	191	37	122	1769
Building-block and wall constructed thereof.....	A. O. Thomas.....	826,388	July 17	3424	710	123	896
Building-block. Artificial-stone.....	E. P. Newman.....	832,694	Oct. 9	1363	275	124	1580
Building-block lifter. Molded.....	A. M. Balzer.....	820,946	May 22	3921	836	122	1053
Building-block machine.....	S. A. Latimer.....	831,230	Sept. 18	2673	561-2	124	725
Building-block machine.....	M. L. and J. Dahn.....	835,405	Nov. 6	1072	230-1	125	271
Building-block machine.....	S. A. Latimer.....	836,448	Nov. 20	3091	655-6	125	860
Building-block machine.....	C. F. Sanford.....	836,608	Nov. 20	3370	718-19	125	929
Building-block-making machine.....	W. F. Morse.....	832,690	Oct. 9	1356	274	124	1578
Building-block mold.....	W. Porten.....	810,976	Jan. 30	4832	1004-5	120	1210
Building-block mold.....	H. Noah.....	811,080	Jan. 30	5009	1047	120	1249
Building-block mold.....	J. M. Bolton.....	826,467	July 17	3578	745	123	936
Building-block mold.....	F. M. Sawyer.....	833,419	Oct. 16	2836	602	124	1993
Building-block mold.....	J. Wengs.....	834,954	Nov. 6	146	30	125	41
Building-block-mold core.....	F. A. Borst.....	837,662	Dec. 4	772	176	125	1545
Building-block mold. Transformable.....	H. A. Low.....	814,657	Mar. 6	1309	275	121	283
Building-block molding and pressing machine.....	J. Jaeger.....	826,576	July 24	3874	802-3	123	1030
Building-block-molding apparatus.....	A. Nelson.....	834,632	Oct. 30	5487	1164-5	124	2735
Building-block-molding machine.....	A. A. Forbes.....	812,123	Feb. 6	1171	257-8	120	1727
Building-block-molding machine.....	L. P. Normandin.....	817,661	Apr. 10	2192	466-7	121	1893
Building-block-molding machine.....	L. P. Normandin.....	826,599	July 24	3928	814	123	1044
Building-block-molding machine.....	G. F. Fisher.....	831,781	Sept. 25	3788	793-4	124	1052
Building-block-molding machine.....	O. H. Olsen.....	835,140	Nov. 6	542	110-11	125	138
Building block or wall.....	M. Haas.....	811,634	Feb. 6	204	43	120	1030
Building-block. Plastic.....	M. C. Momen.....	831,732	Sept. 25	3702	775	124	1531
Building-blocks. Apparatus for making artificial.....	H. Thomas and C. E. Deline.....	833,010	Oct. 9	1984	415	124	1730
Building-blocks. Machine for the manufacture of.....	Z. Anderson.....	832,441	Oct. 2	850	164	124	1417
Building-blocks. Manufacture of.....	J. Sands.....	839,650	Dec. 25	4721	1009	125	2648
Building-cleaning apparatus.....	C. Daudelin.....	832,041	Oct. 2	31	8	124	1220
Building construction.....	J. S. Culley.....	812,727	Feb. 13	2422	530	120	2057
Building construction.....	G. F. Fisher.....	813,548	Feb. 27	4060	890	120	2519
Building construction.....	O. Price. (Reissue).....	12,467	Mar. 27	5241	1111	121	1298
Building construction.....	G. F. Fisher.....	817,478	Apr. 10	1859	391	121	1824
Building construction.....	N. W. Harris and G. W. Stocker.....	823,528	June 19	2645	556	122	2410
Building construction.....	G. H. Dyer.....	824,470	June 26	4453	944	122	2558
Building construction.....	C. Collins.....	830,494	Sept. 11	1207	252	124	327
Building construction.....	P. H. Jackson.....	839,592	Dec. 25	4587	978	125	2616
Building construction and the like.....	W. N. Wight.....	820,461	May 15	2910	632-3	122	769
Building construction. Interior.....	W. D. Mann.....	810,291	Jan. 16	3403	704	120	826
Building-construction material.....	G. F. Thorn.....	835,717	Nov. 13	1648	351	125	459
Building construction. Metal.....	J. F. Makowski.....	837,090	Nov. 27	4407	934	125	1221
Building-covering.....	J. O. Ballentine.....	838,232	Dec. 11	1929	413	125	1877
Building. Dismountable.....	J. Aradi.....	809,163	Jan. 2	1063	221	120	253
Building. Frame.....	A. Müller.....	822,295	June 5	141	28-9	122	1760
Building material.....	C. M. Depew and H. E. McCoy.....	815,801	Mar. 20	3687	.....	121	909
Building material.....	M. W. Marsden.....	828,041	Aug. 7	702	.....	123	1844
Building material. Composition.....	Z. B. Taylor.....	821,550	May 22	5142	.....	122	1320
Building. Monolithic.....	W. D. Butterfield.....	814,765	Mar. 13	1547	327	121	398
Building-sheathing means.....	J. Spelman.....	826,904	July 24	4519	941	123	1193
Building-slab. Molded stone.....	O. Price.....	833,629	Oct. 16	3275	697	124	2096
Building-stone block. Artificial.....	E. J. Propper and F. Bachschmid.....	839,510	Dec. 25	4433	946	125	2579
Building structure.....	S. R. H. Codman and D. Despradelle.....	838,302	Dec. 11	2065	446-7	125	1910
Building structures, stairs, corners, and the like. Protecting-rail for.....	M. Rupke.....	813,326	Feb. 20	3615	793	120	2359
Building-tube.....	E. E. Van Wie.....	834,950	Nov. 6	143	28-9	125	40
Building-wall and block for same.....	E. A. Hood and F. L. Fuller.....	828,818	Aug. 14	2244	478	123	2259
Buildings. Construction of.....	D. C. Stauffer.....	830,747	Sept. 11	1756	362	124	474
Buildings. Construction of.....	L. P. Friestedt.....	832,964	Oct. 9	1901	395-6	124	709
Buildings. Lifting plate and bolt for use in moving.....	J. C. Larsen.....	829,344	Aug. 21	3353	705	123	2570
Buildings. Tie or hanger for.....	H. C. Seipp.....	829,234	Aug. 21	3119	656	123	2513
Buildings. Weather-covering for.....	N. E. J. and P. J. Fischer.....	838,015	Dec. 11	1459	315	125	1760
Bulkhead.....	C. M. Emmons.....	838,093	Dec. 11	1641	353-4	125	1807
Bulkhead-doors. Automatic cut-out mechanism for electrically-operated.....	W. B. Cowles.....	810,915	Jan. 30	4705	982	120	1181
Bulkhead-doors. Hydraulic apparatus for opening and shutting.....	H. O. Brandt.....	817,691	Apr. 10	2238	480-1	121	1904
Bulletin-board.....	B. Peritz.....	834,319	Oct. 30	4871	1030	124	2579

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Bulletin-board and rack.....	E. W. Kingsbury.....	811,298	Jan. 30	5463	1139	120	1346
Bundle-loader.....	J. S. Richardson.....	810,380	Jan. 16	3614	743-4	120	873
Bundle-loader.....	H. O. Halverson.....	839,288	Dec. 25	3984	855-6	125	2470
Bundle of flexible material. Self-secured.....	J. F. Craft.....	819,858	May 8	1641	350	122	431
Bundling-press.....	T. C. Dexter.....	819,740	May 8	1399	301	122	373
Bundling-press.....	T. C. Dexter and C. O. L. Cardell.....	819,741	May 8	1400	301-2	122	373
Bundling-press.....	T. C. Dexter.....	819,983	May 8	1931	427	122	490
Bundling-press.....	T. C. Dexter.....	819,984	May 8	1937	428	122	492
Bung and seal closure for casks.....	H. Gerike.....	817,970	Apr. 17	2842	615	121	2095
Bung attachment. Safety-.....	O. F. Skinner.....	820,371	May 8	2722	593	122	669
Bung. Faucet-.....	D. Beebe.....	824,228	June 26	3959	848	122	2755
Bung. Faucet-.....	D. Beebe.....	824,229	June 26	3961	849	122	2755
Bung-hole-notching tool.....	H. U. Ruedy.....	828,425	Aug. 14	1477	311	123	2062
Bung-tin driver.....	E. J. Brooks.....	822,918	June 12	1375	286	122	2075
Bunsen burner for liquid hydrocarbons.....	P. Ullmann.....	824,268	June 26	4033	863	122	2770
Bunsen burner. Gas-regulating.....	C. E. Wirth.....	811,989	Feb. 6	925	202	120	1678
Buoy.....	J. H. Skinner.....	832,881	Oct. 9	1750	360	124	1674
Buoy. Automatically-inflatable.....	E. S. Magnin.....	826,342	July 17	3342	691	123	878
Buoy. Bell.....	T. Weber.....	817,206	Apr. 10	1309	273	121	1709
Buoy. Breeches.....	J. W. Dalton.....	838,690	Dec. 18	2821	605	125	2140
Buoy. Breeches.....	J. W. Dalton.....	838,691	Dec. 18	2823	606	125	2141
Buoy. Rescue.....	J. C. Quarterman.....	831,891	Sept. 25	4040	842	124	1114
Bur. Loop-unifying and cast-off.....	E. Tompkins.....	816,403	Mar. 27	4939	1050	121	1230
Burglar-alarm.....	F. C. Harriman.....	812,420	Feb. 13	1828	400-1	120	1937
Burglar-alarm.....	J. H. Snow.....	812,892	Feb. 20	2738	602-3	120	2172
Burglar-alarm.....	J. and G. G. Roderick.....	813,917	Feb. 27	4784	1057	120	2673
Burglar-alarm.....	J. A. Dillen.....	816,005	Mar. 27	4101	866	121	1051
Burglar-alarm.....	W. N. Fawcett.....	819,873	May 8	1670	359	122	438
Burglar-alarm.....	I. J. Neff.....	819,914	May 8	1748	376	122	455
Burglar-alarm.....	A. M. Andersen and H. H. Aehershaug.....	821,918	May 29	5877	1250	122	1511
Burglar-alarm.....	J. Balint.....	822,421	June 5	369	77	122	1806
Burglar-alarm.....	I. Watkins.....	823,831	June 19	3208	679	122	2535
Burglar-alarm.....	J. O. Morris.....	824,259	June 26	4019	860	122	2767
Burglar-alarm.....	J. Naser. (Reissue).....	12,500	June 26	4908	1043	122	2956
Burglar-alarm.....	B. S. Bell.....	828,834	Aug. 14	2275	484	123	2267
Burglar-alarm.....	O. Dunkel.....	829,515	Aug. 28	3737	793	123	2711
Burglar-alarm.....	H. F. Alburger.....	830,088	Sept. 4	253	50	124	63
Burglar-alarm.....	C. H. Joy.....	834,736	Oct. 30	5681	1206	124	2785
Burglar-alarm. Detonating.....	L. W. Wade.....	824,161	June 26	3823	815	122	2726
Burglar and fire alarm.....	T. D. Goresline and J. M. Cramer.....	825,823	July 10	2353	491	123	620
Burial apparatus.....	R. A. Shoesmith.....	837,645	Dec. 4	743	169-70	125	1538
Burial-case.....	L. V. Rathbun.....	810,172	Jan. 16	3139	649-50	120	771
Burial-case.....	E. A. Knodle.....	837,849	Dec. 4	1126	252	125	1634
Burial casing or vault.....	H. D. Clark.....	833,773	Oct. 23	3549	756	124	2208
Burial-casket.....	M. S. Leech.....	809,573	Jan. 9	1950	404	120	461
Burial-casket.....	J. H. Mills.....	812,945	Feb. 20	2852	629	120	2199
Burial-casket.....	A. Blake.....	813,942	Feb. 27	4835	1067	120	2683
Burial-casket.....	A. Belair.....	818,220	Apr. 17	3337	716	121	2201
Burial-casket.....	L. H. Montross.....	819,301	May 1	537	114	122	124
Burial-casket.....	R. R. Cramer.....	823,035	June 12	1612	334	122	2129
Burial-casket.....	J. D. Renshler.....	823,741	June 19	3035	642	122	2495
Burial-caskets, coffins, and the like. Handle for.....	C. Blesch.....	818,733	Apr. 24	4380	938	121	2479
Burial-caskets, coffins, and the like. Handle for.....	P. Richter.....	837,122	Nov. 27	4168	948	125	1236
Burner.....	See Alcohol-burner. Hydrocarbon-burner.						
Automatic-lighting burner.....	Hydrocarbon-vapor burner.....						
Bunsen burner.....	Incandescent burner.....						
Carbureted-air burner.....	Injector-burner.....						
Coal-tar burner.....	Lamp-burner.....						
Fluid-fuel burner.....	Lantern-burner.....						
Fuel-burner.....	Liquid-fuel burner.....						
Garbage-burner.....	Oil-burner.....						
Gas-burner.....	Petroleum-burner.....						
Gas-lighting burner.....	Sulfur-burner.....						
Gaseous-fuel burner.....	Swivel-burner.....						
Heating-burner.....	Vapor-burner.....						
Burner.....	B. F. Jackson.....	836,883	Nov. 27	3962	846	125	1115
Burner.....	A. B. Clunies.....	839,454	Dec. 25	4310	921	125	2550
Burner protector-cap.....	C. T. Fuller.....	831,944	Sept. 25	4134	861	124	1137
Burners. Mantle-support for.....	C. T. Fuller.....	826,025	July 17	2739	567	123	733
Burners. Regulation of liquid-fuel.....	T. Clarkson.....	825,892	July 17	2481	516	123	663
Burners. Reservoir for gasoline and other vapor.....	W. M. Fulton and W. H. Richards.....	810,403	Jan. 23	3683	758-9	120	922
Burning-brand.....	J. J. Sayre.....	830,371	Sept. 4	950	196	124	233
Burning buildings. Device for leading animals from.....	E. E. Higgins.....	813,496	Feb. 27	3961	868-9	120	2496
Burning fuel.....	J. M. Schutz.....	836,219	Nov. 20	2614	551	125	747
Burning fuel and other materials.....	A. M. Robeson and C. A. Bettington.....	817,990	Apr. 17	2875	622	121	2102
Burnishing-machine.....	F. K. Hatfield.....	818,167	Apr. 17	3234	695	121	2178
Bushing.....	C. A. Widmer.....	821,690	May 29	5438	1158	122	1440
Bushing. Bung.....	G. H. Ricke.....	813,990	Feb. 27	4923	1090	120	2701
Bushing. Bung-hole.....	P. Pfuger and E. Christensen.....	810,430	Jan. 23	3733	769	120	933
Bushing. Oil-can.....	F. Wall.....	832,282	Oct. 2	535	101	124	1342
Bushing. Roller.....	C. E. McIntire.....	829,223	Aug. 21	3103	652	123	2509
Bushing. Split.....	R. Croasdale.....	819,982	May 8	1928	426	122	490
Bushings. Combined expander and flanger for bung-hole.....	F. Pfuger and E. Christensen.....	810,431	Jan. 23	3734	769	120	933
Bushings. Machine for forming hollow split.....	P. Kohlbrener.....	816,237	Mar. 27	4564	971-2	121	1151
Bust-supporter.....	L. B. Lyon.....	818,104	Apr. 17	3090	667	121	2146
Bustle.....	F. B. Kuebler.....	838,722	Dec. 18	2866	617	125	2151
Butcher's cleaver.....	J. H. Sherry.....	839,043	Dec. 18	3453	746	125	2294
Butt and lock gage. Combined.....	J. M. Realing.....	838,355	Dec. 11	2159	468	125	1933
Butt-hook.....	E. O'Brien.....	825,862	July 10	2420	505	123	637

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Butt-plate. Cushioned.	A. T. Duncan.	837,455	Dec. 4	357	84	125	1445
Butter and fats. Apparatus for melting and purifying.	C. D. Monroe.	823,803	June 19	3157	668	122	2523
Butter-box.	G. E. Woodbury.	838,832	Dec. 18	3075	663	125	2202
Butter-cutter.	R. J. Woolley.	811,469	Jan. 30	5761	1206	120	1408
Butter-cutter.	A. C. Hummer.	817,486	Apr. 10	1873	394	121	1826
Butter-cutter.	A. C. Hummer.	817,487	Apr. 10	1874	395	121	1827
Butter-cutter.	C. F. Fogg.	818,757	Apr. 24	4441	951	121	2492
Butter-cutter.	G. Ericson.	824,472	June 26	4456	945	122	2859
Butter-cutter.	F. J. Feiling.	826,716	July 24	4151	863	123	1102
Butter-cutter.	G. Ericson.	827,622	July 31	6074	1260	123	1594
Butter-cutter.	P. Holmberg.	827,634	July 31	6103	1267	123	1602
Butter-cutter.	C. P. Ross.	828,508	Aug. 14	1644	347	123	2106
Butter-cutter.	A. C. Hummer.	831,610	Sept. 25	3437	722	124	957
Butter-cutter.	H. Barry.	833,572	Oct. 16	3162	672	124	2070
Butter-cutting device.	H. Schnackenberg.	809,532	Jan. 9	1867	388	120	444
Butter-cutting device.	H. Moyer.	814,558	Mar. 6	1122	233	121	244
Butter-cutting machine.	E. J. Lushman.	818,770	Apr. 24	4463	956-7	121	2497
Butter-cutting machine.	S. B. Friday.	828,397	Aug. 14	1415	299-300	123	2047
Butter-fat from cream or milk. Extracting.	G. W. Renyx.	835,890	Nov. 13	1974	418	125	537
Butter into smaller blocks of predetermined sizes. Means for cutting up large blocks of	T. H. H. Widdicombe.	817,027	Apr. 3	960	198	121	1572
Butter, &c. Machine for cutting.	E. K. Carter.	813,858	Feb. 27	4671	1033-4	120	2649
Butter-mold.	J. Mlada.	810,665	Jan. 23	4200	859	120	1038
Butter-mold.	N. W. Parker.	829,287	Aug. 21	3232	680	123	2540
Butter mold or tray.	E. J. Lushman.	834,826	Oct. 30	5886	1247	124	2836
Butter, oils, fats, &c. Apparatus for refining.	W. F. Jensen.	837,069	Nov. 27	4369	925	125	1211
Butter or lard. Means to cut.	W. C. Longstreth.	830,728	Sept. 11	1721	355	124	464
Butter-package.	S. M. Brown.	823,030	June 12	1604	332	122	2127
Butter-pat-printing machine.	H. G. Abrweiler.	815,896	Mar. 20	3889	822	121	952
Butter-patty-forming machine.	G. A. Walstead.	817,352	Apr. 10	1592	336	121	1768
Butter-press.	F. Murphy.	812,439	Feb. 13	1858	409	120	1945
Butter-separator.	A. Fay.	825,897	July 17	2488	518	123	664
Butter-separator.	A. Fay.	826,839	July 24	4382	912	123	1160
Butter-separator. Centrifugal.	A. Fay.	835,352	Nov. 6	956	204	125	241
Butter-stirrer.	E. Blanchat.	839,714	Dec. 25	4855	1037	125	2682
Butter-tray machine.	P. D. and A. E. Moody.	820,725	May 15	3426	733-4	122	882
Butter-treating apparatus.	A. Fay.	835,488	Nov. 6	1211	262	125	304
Button.	E. Zeckhauser.	809,883	Jan. 9	2531	525	120	590
Button.	R. H. A. D'Ailly.	816,416	Mar. 27	4965	1055	121	1236
Button.	A. Hall.	817,170	Apr. 10	1230	253	121	1693
Button.	W. H. Forsyth.	817,311	Apr. 10	1517	318	121	1751
Button.	E. A. Smith.	818,983	Apr. 24	4863	1044	121	2583
Button.	C. H. Lonsdale.	819,897	May 8	1719	369	122	449
Button.	I. M. Sylvester.	820,532	May 15	3077	662	122	807
Button.	S. Gray.	827,971	Aug. 7	556	114	123	1810
Button.	T. J. Winans.	831,129	Sept. 18	2493	526	124	682
Button.	F. D. Schworm.	839,653	Dec. 25	4727	1010	125	2649
Button and pin fastener. Combined.	R. Ellis.	822,729	June 5	1007	205	122	1950
Button-attaching machine.	P. P. Cooke and J. D. Lord.	837,667	Dec. 4	779	178	125	1547
Button-blank conveying and distributing machine.	L. De Francis.	833,512	Oct. 16	3040	645	124	2040
Button-blank grinding and feeding machine.	W. E. Knott.	817,121	Apr. 3	1126	233	121	1610
Button-blank grinding and feeding machine.	W. E. Knott.	817,122	Apr. 3	1128	234	121	1611
Button-cleaning machine.	C. G. Heller.	838,991	Dec. 18	3339	723	125	2263
Button. Collar.	C. F. Rodgers.	811,443	Jan. 30	5720	1198	120	1399
Button. Collar.	G. X. Wendling.	817,536	Apr. 10	1969	416	121	1847
Button. Collar.	C. C. Figgatt.	822,200	May 29	6415	1362	122	1663
Button. Collar.	H. T. Murphy.	823,135	June 12	1828	377	122	2174
Button. Collar.	W. L. Fross.	825,596	July 10	1873	396	123	499
Button. Collar.	J. W. Shults.	832,216	Oct. 2	406	76	124	1311
Button. Collar and cuff.	J. K. and J. G. D. Thoma.	818,486	Apr. 24	3846	827	121	2363
Button. Collar and cuff.	C. S. Pederson.	819,590	May 1	1086	239	122	244
Button. Collar or cuff.	D. Pamp.	820,729	May 15	3433	735	122	883
Button. Crochet-work.	I. Kalliwoda.	811,724	Feb. 6	354	78	120	1565
Button. Cuff.	G. Krentz.	834,815	Oct. 30	5856	1241	124	2828
Button. Cuff.	E. E. Staninger.	836,900	Nov. 27	3994	852	125	1124
Button. Detachable.	I. Miller.	820,588	May 15	3171	683	122	827
Button-fastener.	J. S. Fissel.	814,683	Mar. 13	1396	291	121	365
Button-fastener.	J. C. Morrison.	822,539	June 5	600	121	122	1859
Button-fastener.	L. P. Hazen.	834,802	Oct. 30	5832	1237	124	2822
Button for gloves.	C. R. Weidmüller.	829,359	Aug. 21	3384	714	123	2578
Button for gloves, &c. Detachable.	H. Kerngood.	822,957	June 12	1444	301	122	2090
Button for hose-supporters.	A. E. Plowman.	833,628	Oct. 16	3273	697	124	2096
Button guard. Collar.	F. H. Norris.	809,730	Jan. 9	2262	469	120	530
Button. Hinged-leaf.	H. Case.	811,901	Feb. 6	704	154	120	1634
Button-holder.	A. M. Hill.	810,758	Jan. 23	4364	906	120	1075
Button-making and like purposes. Press for.	J. G. Breitenstein.	836,916	Nov. 27	4050	866	125	1133
Button-making machine.	H. B. Embler and E. D. W. Rose.	839,740	Dec. 25	4899	1046-8	125	2694
Button-making machines. Gripping device or carrier for	J. Hornby.	816,094	Mar. 27	4293	909	121	1094
Button. Rotary locking collar.	E. C. Blake.	833,867	Oct. 23	3787	804	124	2267
Button. Separable.	G. F. Flade.	838,970	Dec. 18	3309	715	125	2256
Button. Tufting.	F. A. Neider.	834,400	Oct. 30	5043	1068	124	2621
Button or check.	C. J. Franz.	810,635	Jan. 23	4151	858	120	1027
Button or stud.	I. M. Sylvester.	820,682	May 15	3348	717	122	863
Button or stud. Separable.	W. N. Kidder.	808,988	Jan. 2	733	158	120	162
Button. Separable.	C. Weiss.	815,055	Mar. 13	2115	445	121	517
Buttons and like articles. Machine for turning.	H. B. Embler and G. A. Diemer.	838,528	Dec. 18	2501	541	125	2061
Buttons, &c. Chuck for holding pearl.	L. W. Holub.	827,309	July 31	5354	1112	123	1415
Buttons from Australian ivory-nuts. Producing.	H. G. Leithäuser.	829,720	Aug. 28	4165	.....	123	2814
Buttons. Making.	W. S. Watson.	831,393	Sept. 18	2996	637	124	808
Buttons. Socket member of glove.	C. R. Weidmüller.	829,358	Aug. 21	3383	713	123	2577
Buttonhole.	H. Walden.	809,652	Jan. 9	2120	439	120	496
Buttonhole-cutting mechanism.	J. Kiewicz.	828,410	Aug. 14	1443	304	123	2054
Buttoning device. Metallic.	E. I. Rains.	837,250	Nov. 27	4704	998	125	1294
Buttonhole-fly for trousers.	C. W. Bartrum.	828,918	Aug. 21	2462	522	123	2345

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Buttonhole machine. Collar and cuff.	G. E. Norris.	832,922	Oct. 9	1825	377	124	1691
Buttonhole machine. Cord-stitch.	A. Pruver.	815,739	Mar. 20	3546	744	121	880
Buttonhole-stitching machine.	C. A. Dahl.	830,496	Sept. 11	1211	253	124	327
Cab. Hansom.	H. C. Sears.	837,346	Dec. 4	139	35	125	1389
Cab-runner.	J. W. Sorenson	811,453	Jan. 30	5737	1201	120	1403
Cabinet.	E. L. Krag.	810,544	Jan. 23	3974	818	120	989
Cabinet.	H. F. McDonnell.	812,074	Feb. 6	1082	236-7	120	1709
Cabinet.	H. Dorsey.	815,076	Mar. 13	2147	453	121	523
Cabinet.	C. A. Karlson.	815,592	Mar. 20	3221	678	121	809
Cabinet.	G. H. Herrnecker.	818,248	Apr. 17	3405	730	121	2214
Cabinet.	T. A. Ferris.	821,350	May 22	4751	1010-11	122	1237
Cabinet.	F. Wolf.	825,098	July 3	812	169	123	216
Cabinet.	A. J. Murphy.	827,649	July 31	6130	1273	123	1609
Cabinet.	J. L. Coleman.	828,194	Aug. 7	993	207	123	1914
Cabinet.	J. Fisk.	832,601	Oct. 9	1172	234	124	1537
Cabinet.	E. M. Nolen.	838,567	Dec. 18	2575	557	125	2080
Cabinet. Automatic lift and drop.	W. S. Carlisle. (Reissue).	12,527	Aug. 28	4675	979-80	123	2944
Cabinet. Combination.	T. Polster.	820,732	May 15	3440	737	122	884
Cabinet. Commodity.	J. H. Boye.	823,202	June 12	1973	411	122	2208
Cabinet. Compartment.	R. W. Sturr.	823,901	June 19	3342	712	122	2564
Cabinet. Credit.	W. M. Ellett and R. M. Vick.	818,083	Apr. 17	3058	659	121	2140
Cabinet. Credit.	E. D. Sell.	832,426	Oct. 2	823	158	124	1410
Cabinet. Credit.	A. J. Tice and C. Gorsuch.	838,223	Dec. 11	1909	409-10	125	1873
Cabinet for holding account-books.	W. E. Wright.	827,340	July 31	5416	1126	123	1431
Cabinet. Grocer's.	W. Goss.	831,946	Sept. 25	4137	862	124	1138
Cabinet. Kitchen.	W. M. Henson.	811,918	Feb. 6	738	161	120	1641
Cabinet. Kitchen.	C. G. Swahn.	817,202	Apr. 10	1304	272	121	1708
Cabinet. Kitchen.	W. H. Hurt and J. E. Craig.	821,167	May 22	4383	932-3	122	1154
Cabinet. Kitchen.	O. Goodwin.	821,481	May 22	5022	1068-9	122	1295
Cabinet. Kitchen.	W. C. Horner.	824,864	July 3	371	70	123	101
Cabinet. Kitchen.	W. C. Horner.	824,865	July 3	372	71	123	102
Cabinet. Knockdown.	P. Morrison.	828,133	Aug. 7	882	182	123	1888
Cabinet. Machine-bearing.	T. Kundtz and J. J. Gedeon.	831,515	Sept. 18	3224	681	124	868
Cabinet. Metallic.	E. L. Krag.	810,545	Jan. 23	3975	819	120	989
Cabinet. Revolving kitchen.	R. A. Clements.	833,775	Oct. 23	3554	758	124	2209
Cabinet. Writer's.	C. Teeter.	826,624	July 24	3983	824	123	1060
Cable-chain grip. Automatic.	G. S. Fouts.	828,645	Aug. 14	1911	401-2	123	2175
Cable-clamp.	J. H. Cook.	832,595	Oct. 9	1162	232	124	1535
Cable clamp. Wire.	J. H. Cook.	830,134	Sept. 4	471	95	124	119
Cable clamp. Wire.	J. H. Cook.	838,500	Dec. 11	2436	529	125	2002
Cable coupling. Electric.	C. F. Schwennker.	833,252	Oct. 16	2492	522	124	1907
Cable-drying apparatus.	E. Passburg.	839,191	Dec. 25	3789	818	125	2423
Cable-grip.	R. H. Keays.	824,724	July 3	53	10	123	17
Cable-grip.	P. J. Martin.	832,401	Oct. 2	770	149	124	1398
Cable-grip.	J. S. Sparks.	834,768	Oct. 30	5769	1225	124	2806
Cable grip. Aerial-tramway.	E. P. Frederick.	818,428	Apr. 24	3750	805	121	2343
Cable grip. Aerial-tramway.	E. P. Frederick.	818,429	Apr. 24	3751	806	121	2343
Cable-grip for cable-hauled trucks and the like.	W. Ellingen and F. Doehe.	817,053	Apr. 3	1003	205	121	1582
Cable-gripper.	E. B. Merry.	831,729	Sept. 25	3697	774	124	1030
Cable-hanger.	F. W. Sorg.	809,993	Jan. 16	2767	569	120	693
Cable-hanger.	F. C. Tabler.	810,004	Jan. 16	2791	576	120	698
Cable-joint housing.	J. Anderson.	827,951	Aug. 7	516	106	123	1800
Cable. Multiconductor.	W. C. Yeatman.	831,131	Sept. 18	2498	527	124	683
Cable or rope guide.	G. Frink.	817,553	Apr. 10	2008	423	121	1855
Cable or wire hanger.	R. C. McKiliget.	825,236	July 3	1088	230	123	284
Cable-reel turner.	J. Cleland.	820,552	May 15	3112	670	122	814
Cable-reel winder and brake.	G. W. Brown.	815,261	Mar. 13	2528	530	121	610
Cable-splicing socket.	J. L. Frazier.	816,721	Apr. 3	340	78	121	1435
Cable-support.	D. E. Sanders.	826,361	July 17	3379	608	123	883
Cable take-up.	B. A. Fuller and M. Bateman.	828,282	Aug. 7	1187	247	123	1962
Cable tension apparatus.	T. S. Miller and J. H. Dickinson.	839,019	Dec. 18	3403	734	125	2281
Cable terminal or coupling. Electric.	W. and J. Y. Middleton.	817,329	Apr. 10	1546	325	121	1757
Cable-terminals and the like. Post and box for.	B. F. Daly.	831,327	Sept. 18	2879	610-11	124	779
Cable trackways. Device for taking up the slack in overhead.	G. F. Schroeder.	830,012	Sept. 4	198	35-7	124	49
Cables. Fair-lead for hoisting.	S. L. G. Knox and W. E. Magie.	823,414	June 12	2376	500-1	122	2293
Cables. Forming wire.	C. S. Lloyd.	817,328	Apr. 10	1544	325	121	1757
Cables. Method and apparatus for hanging aerial.	R. S. Peirce.	825,070	July 3	759	159	123	203
Cables. Sliding hook for hauling.	C. A. Peters.	831,984	Sept. 25	4209	879	124	1157
Cables, &c. System for supporting.	E. Lodder.	818,269	Apr. 17	3437	739	121	2221
Cableway.	T. S. Miller.	809,387	Jan. 9	1582	321-2	120	381
Cableway.	O. C. Redding.	822,770	June 5	1071	220-1	122	1963
Cableway system. Suspension.	H. Bozzalla.	830,491	Sept. 11	1203	251-2	124	326
Cacao product and making same.	J. E. Bloom.	837,782	Dec. 4	1001	.....	125	1602
Caddy for coffee, &c. Sheet-metal.	E. W. Carnes.	830,050	Sept. 4	279	57	124	68
Cage.	G. W. Case.	839,453	Dec. 25	4308	921	125	2546
Cages. Drinking and feeding appliance for bird.	H. Quittner.	811,870	Feb. 6	638	140	120	1620
Caisson.	D. E. Moran and J. W. Doty.	828,761	Aug. 14	2135	452	123	2231
Caisson air-lock.	W. McIlvrid.	810,298	Jan. 16	3431	708	120	832
Caisson. Floating.	A. C. Cunningham.	808,728	Jan. 2	217	46	120	50
Caisson for repairing dry-dock bottoms. Floating.	A. C. Cunningham.	808,638	Jan. 2	36	8	120	10
Caissions. Air-lock for.	S. Mattson and W. M. Torrance.	824,876	July 3	392	75-6	123	107
Caissions. Air-lock for.	S. Mattson and W. M. Torrance.	824,877	July 3	393	75-6	123	107
Caissions and the like. Shafting for.	D. E. Moran and J. W. Doty.	828,861	Aug. 14	2326	495-6	123	2278
Caissions, &c. Construction and sinking of.	D. E. Moran.	830,515	Sept. 11	1252	259	124	337
Caissions, &c. Construction and sinking of.	D. E. Moran.	830,516	Sept. 11	1255	260	124	337
Caissions, &c. Construction and sinking of.	D. E. Moran.	833,791	Oct. 23	3595	768	124	2218
Caissions, &c. Construction and sinking of.	D. E. Moran.	833,792	Oct. 23	3596	769	124	2218
Cake and cracker box and package stand.	C. Rea and J. W. Pattison.	814,165	Mar. 6	321	64-5	121	70
Cake-cutter.	E. Stumpf.	825,775	July 10	2273	472	123	600
Cake-depositing machine.	E. Hérisse.	827,306	July 31	5347	1110-11	123	1413
Cake-forming machine.	E. B. Anderson.	822,568	June 5	671	137	122	1876
Cake-mixer.	H. L. Braham.	832,235	Oct. 2	448	83	124	1321
Cake-trimmer.	J. B. Winfree, Jr.	835,341	Nov. 6	937	198	125	236
Cake-turner.	C. Banks.	815,781	Mar. 20	3642	766	121	899
Calcinig-furnace.	T. A. Edison.	827,089	July 31	4892	1020-2	123	1299

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. E.	Vol.	Page.
Calcining furnace. Carbon-	P. P. Nungesser.....	824,199	June 26	3393	551	122	2741
Calcium carbid. Apparatus for the production of	E. F. Price, G. E. Cox, and J. G. Marshall.....	809,842	Jan. 9	2460	511	120	574
Calcium carbid. Producing	J. M. Morehead.....	825,234	July 3	1085	229	123	283
Calcium oxid. Reducing	T. L. Willson.....	820,031	May 8	2053	450	122	519
Calculating and type-writing machine. Combined	C. F. Laganke and J. A. Smith.....	820,879	May 15	3742	799-802	122	952
Calculating device	V. B. Neal.....	838,132	Dec. 11	1723	370	125	1827
Calculating-machine	E. S. Ensign.....	809,047	Jan. 2	836	178-9	120	185
Calculating-machine	J. M. Sharp.....	810,090	Jan. 16	2982	622	120	740
Calculating-machine	J. L. Levin.....	815,542	Mar. 20	3139	657	121	791
Calculating-machine	H. Hanson.....	816,318	Mar. 27	4723	1002-4	121	1186
Calculating-machine	S. E. Swick.....	816,760	Apr. 3	408	93	121	1448
Calculating-machine	C. F. Laganke and J. A. Smith.....	820,880	May 15	3766	802-4	121	957
Calculating-machine	H. A. Hensley.....	823,219	June 12	2011	419-20	122	2215
Calculating-machine	F. Trinks.....	823,375	June 12	2310	484-5	122	2279
Calculating-machine	C. A. Mellicke.....	823,426	June 12	2400	506	122	2299
Calculating-machine	G. H. Sears.....	823,897	June 19	3327	709-10	122	2561
Calculating-machine	G. E. Schuman.....	824,510	June 26	4518	959-60	122	2873
Calculating-machine	A. E. Kenyon.....	824,795	July 3	217	40	123	61
Calculating-machine	J. Vermehren.....	825,363	July 10	1349	285	123	370
Calculating-machine	J. Hines.....	829,526	Aug. 28	3766	798-9	123	2718
Calculating-machine	C. F. Laganke and J. A. Smith.....	829,971	Sept. 4	95	16-18	124	22
Calculating-machine	G. L. Martin.....	831,085	Sept. 13	2407	505-9	124	665
Calculating-machine	W. R. Gaither.....	831,423	Sept. 18	3056	648	124	824
Calculating-machine	A. Schneider and J. Perlier.....	831,633	Sept. 25	3482	730-4	124	969
Calculating-machine	C. Hamann.....	832,666	Oct. 9	1307	263-4	124	1567
Calculating-machine	J. F. Mays.....	838,128	Oct. 11	1713	368-9	125	1825
Calculating-machine	J. T. Howieson.....	838,966	Dec. 18	3349	725-6	125	2265
Calculating-machine	D. J. T. Hiett. (Reissue).....	12,582	Dec. 18	3352	708-71	125	2321
Calculating-machine and type-writer attachment	H. Hanson.....	816,319	Mar. 27	4737	1004-7	121	1188
Calculating machine. Interest and percentage	W. M. Braly.....	818,222	Apr. 17	3340	716-17	121	2201
Calculating-machines. Transfer and indicating mechanism for	H. C. Dungan.....	814,593	Mar. 6	1181	247	121	256
Calculating or computing machine	J. Gruner.....	823,525	June 19	2637	554	122	2409
Calculator	A. Rechnittzer.....	809,075	Jan. 2	886	188-90	120	196
Calculator	S. S. Fry.....	809,294	Jan. 9	1374	279	120	338
Calculator	F. G. Johnson.....	809,446	Jan. 9	1705	351-2	120	408
Calculator	F. W. Bennett.....	819,715	May 8	1343	291-2	122	362
Calculator	K. H. J. Marckwordt.....	820,226	May 8	2438	528	122	606
Calculator and recorder. Mechanical	L. S. Crandall.....	813,281	Feb. 20	3503	773-4	120	2337
Calendar	D. T. Parker.....	822,690	June 5	934	190	122	1935
Calendar	H. F. Kendrick.....	825,394	July 10	1424	297	123	388
Calendar	H. F. Cummings.....	829,510	Aug. 28	3729	792	123	2709
Calendar for watchcases	A. W. McCullough.....	836,598	Nov. 20	3355	715	125	926
Calendar. Pencil-tip	F. J. Mathien.....	817,651	Apr. 10	2176	462	121	1890
Calendar. Perpetual	C. F. Hidden.....	811,846	Feb. 6	593	129	120	1610
Calendar. Perpetual	W. B. Summerall.....	818,577	Apr. 24	4053	870	121	2406
Calendar standard. Desk	J. Guidinger.....	823,723	June 19	3001	636	122	2488
Calipers	F. A. Hale.....	813,553	Feb. 27	4079	894	120	2522
Calipers	A. S. Koch.....	820,796	May 15	3573	764	122	915
Calipers	J. F. Haworth.....	825,648	July 10	2019	422	123	539
Calipers and dividers	E. Köhler and R. Petzold.....	832,203	Oct. 2	372	69	124	1303
Calipers. Micrometer	G. C. Smith.....	822,397	June 5	326	67	122	1797
Calipers. Micrometer	F. G. Marbach.....	820,807	May 15	3602	770	122	922
Calipers. Proportional	F. B. Prewett.....	826,883	July 24	4468	930	123	1150
Calk-joint runner	J. Prario.....	835,466	Nov. 6	1179	254	125	196
Calking	F. E. Gerstenberger.....	837,052	Nov. 27	4338	920	125	1202
Calking-machine	W. Y. Lewis.....	838,341	Dec. 11	2137	463	125	1929
Calking material	C. Youngstrom.....	821,970	May 29	5980	1274	122	1563
Calking-tool	H. Japp.....	834,731	Oct. 30	5675	1204	124	2783
Calking-tool	T. S. Mason.....	810,424	Jan. 23	3725	767	120	931
Call system	R. J. Webster.....	816,952	Apr. 3	820	167-8	121	1540
Calorimeter	W. J. McCollom.....	828,235	Aug. 7	1066	224	123	1930
Calyx. Artificial	L. Schutte and E. Körting.....	808,693	Jan. 2	128	30	120	31
Cam. Sectional	W. Maxfield.....	831,086	Sept. 18	2425	509	124	667
Cam. Variable	J. J. Hervey.....	821,038	May 22	4134	878	122	1099
Camera	B. Salzer and G. Walther.....	810,353	Jan. 16	3543	728-9	120	857
Camera	H. A. Farrand.....	813,633	Feb. 27	4229	929-30	120	2565
Camera	H. A. Farrand.....	815,584	Mar. 20	3210	675-6	121	806
Camera	J. Goddard.....	831,426	Sept. 18	3061	649	124	825
Camera	E. L. Hall.....	832,969	Oct. 9	1909	398	124	1710
Camera	E. L. Hall.....	832,970	Oct. 9	1912	398	124	1711
Camera	H. W. Locke.....	833,885	Oct. 23	3820	811-12	124	2275
Camera	W. H. Wallace.....	834,089	Oct. 23	4390	933	124	2411
Camera	T. Mahoney.....	836,596	Nov. 20	3351	714	125	925
Camera attachment	M. I. Loryea.....	813,808	Feb. 27	4553	1006-7	120	2432
Camera attachment	R. A. Woodall.....	818,136	Apr. 17	3167	680	121	2165
Camera attachment	W. E. Phillips.....	818,553	Apr. 24	4010	860	121	2396
Camera-bellows support	J. Goddard.....	828,166	Aug. 7	842	173	123	1879
Camera. Hand-	C. E. Peczenik.....	319,918	May 8	1754	377-8	122	456
Camera. Kinematographic	M. Hansen.....	812,845	Feb. 20	2652	580	120	2152
Camera-lenses. Screen for photographic	H. S. Miller.....	809,830	Jan. 9	2434	505-6	120	568
Camera leveling and plumbing device	A. N. Sinclair.....	828,521	Aug. 14	1680	354	123	2114
Camera. Magazine photographic	H. E. Hickox.....	832,316	Oct. 2	605	114	124	1558
Camera. Multiple-view	J. W. Anderson.....	835,209	Nov. 6	667	138	125	169
Camera. Panoramic	J. A. Bried.....	812,163	Feb. 6	1289	282	120	1751
Camera. Photographic	J. D. Garfield.....	816,907	Apr. 3	713	147	121	1516
Camera. Photographic	J. Frachelbourg.....	827,967	Aug. 7	548	112-13	123	1809
Camera. Photographic	C. E. Davis.....	828,538	Aug. 14	1705	359-60	123	2121
Camera. Photographic	L. Borsum.....	835,127	Nov. 6	510	103	125	131
Camera plate-holder	G. B. Aber and J. H. Harris.....	828,526	Aug. 14	1687	355	123	2115
Camera plate-holder attachment	H. W. Locke.....	833,886	Oct. 23	3822	812	124	2276
Camera. Pocket	F. Heath.....	817,243	Apr. 10	1380	290-1	121	1724
Camera. Pocket	F. Heath.....	817,244	Apr. 10	1385	291	121	1726
Camera. *Pocket	F. Heath.....	817,245	Apr. 10	1387	292	121	1726
Camera-support	H. L. Wheeler.....	817,207	Apr. 10	1311	273	121	1709

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Page.	Vol.	Page.
Camera-support and walking-stick, umbrella, &c. Combined	G. S. Russell.....	825,006	July 3	654	132	123	171
Cameras. Bellows-support for	J. Goddard.....	837,218	Nov. 27	4643	987	125	1279
Cameras. Lens-focusing mechanism for	F. A. Brownell.....	831,324	Sept. 18	2873	609	124	777
Cameras. Reversible back for photographic	L. Borsum.....	823,759	June 19	3067	649-50	122	2501
Cameras. Roller-blind for photographic	E. Brauburger.....	833,916	Oct. 23	3'01	828	124	2296
Cameras, telescopes, and other scientific instruments. Stand for photographic	W. Butler.....	821,335	May 22	4712	1003-4	122	1225
Camphene. Production of	E. Bergs.....	833,666	Oct. 16	3336		124	2111
Camping-lodge	S. B. Comstock.....	838,689	Dec. 18	2816	605	125	2139
Can:							
See Ash and garbage can.	Measuring-can.						
Creaming-can.	Metallic can.						
Dental can.	Milk-can.						
Dispensing-can.	Oil-can.						
Display-can.	Paint-can.						
Flour-can.	Preserving-can.						
Friction-top can.	Sardine-can.						
Garbage-can.	Screw-top can.						
Gasolene-dispensing can.	Self-heating can.						
Ice-cream can.	Sheet-metal can.						
Key-opening can.	Tooth-powder can.						
Can.....	J. F. Ross.....	809,983	Jan. 16	2750	565	120	689
Can.....	J. J. McLinden.....	820,592	May 15	3179	684	122	829
Can.....	J. F. Ross.....	821,888	May 29	5809	1238	122	1525
Can.....	H. A. Keimer.....	828,744	Aug. 14	2110	446	123	2225
Can.....	J. T. Ryan.....	829,036	Aug. 21	2704	567	123	2406
Can and box heading machine	B. J. Lindgren. (Reissue).....	12,569	Nov. 27	4751	1006-7	125	1304
Can and cover	A. L. Whitney.....	830,694	Sept. 11	1644	337	124	444
Can and other vessel	W. J. and G. A. Stewart.....	835,573	Nov. 13	1385	297	125	394
Can-body forming and soldering apparatus	L. C. Sharp.....	812,955	Feb. 20	2870	634-5	120	2202
Can-body-forming machine	J. Eldridge.....	828,024	Aug. 7	673	139-40	123	1837
Can-body-forming machine	G. H. Stewart.....	837,008	Nov. 27	4235	901-3	125	1177
Can-body machine. Locked-seam	J. H. McElroy.....	812,285	Feb. 13	1569	343-5	120	1883
Can-body machine. Locked-seam	J. H. McElroy.....	818,109	Apr. 17	3099	668-9	121	2148
Can-body-making machine	W. Cameron.....	813,772	Feb. 27	4484	989-90	120	2609
Can-body-making machine	J. Brenzinger.....	815,791	Mar. 20	3666	771-2	121	904
Can-body-making machine	T. J. Dugan.....	828,723	Aug. 14	2068	494-7	123	2214
Can-body-making machines. Automatic blank-feed for	P. Foss.....	821,998	May 29	6028	1284	122	1574
Can-capping machine	S. K. Bergland and J. H. Teigen.....	831,029	Sept. 18	2261	477	124	631
Can-closure	J. J. Moser.....	823,429	June 12	2409	507	122	2300
Can-closure	J. J. Moser.....	823,430	June 12	2411	507	122	2300
Can-closure	R. S. Allyn.....	826,215	July 17	3111	645-6	123	820
Can-closure	J. J. Moser.....	833,332	Oct. 16	2660	559	124	1950
Can-closure	H. F. Maranville. (Reissue).....	12,551	Nov. 6	1213	262-3	125	305
Can-cover-lining machine	J. Brenzinger.....	817,154	Apr. 10	1196	248-9	121	1685
Can-cover-lining machine	J. Brenzinger.....	822,342	June 5	230	47-8	122	1776
Can-drying apparatus	M. Leitch.....	823,731	June 19	3013	638-9	122	2480
Can-fastener. Paint	J. Olsen.....	829,169	Aug. 21	3006	627	123	2485
Can-filling apparatus	A. Ceruti.....	810,034	Jan. 16	2869	593	120	714
Can-filling machine	J. P. Haight.....	819,274	May 1	488	101-2	122	131
Can-flanging machine	J. Brenzinger.....	814,639	Mar. 6	1267	266-7	121	274
Can handle. Sheet-metal lard	B. H. Larkin.....	831,958	Sept. 25	4163	808	124	1145
Can heading and crimping machine. Automatic round	A. Lotz.....	812,858	Feb. 20	2675	587-9	120	2157
Can heading and crimping machine. Automatic square	A. Lotz.....	812,857	Feb. 20	2671	585-7	120	2157
Can-heading machine	B. Adriance and A. Calleson.....	810,245	Jan. 16	3306	685-6	120	805
Can-heading machine	J. Brenzinger.....	813,482	Feb. 27	3930	802	120	2488
Can-heading machine	B. Adriance and A. Calleson.....	818,806	Apr. 24	4540	972	121	2514
Can-heading machine	J. Brenzinger.....	819,264	May 1	458	96	122	106
Can-heading machine	H. C. H. Walsh.....	820,454	May 15	2899	630	122	766
Can-heading machine	J. Brenzinger.....	821,635	May 29	5263	1122	122	1403
Can-heading machine	J. Brenzinger.....	823,254	June 12	2095	496	122	2235
Can-heading machine	W. Spain.....	828,865	Aug. 14	2335	497-8	123	2280
Can-heading machine	G. H. Stewart.....	830,189	Sept. 4	570	117	124	145
Can-heading machine	J. Brenzinger.....	836,735	Nov. 27	3688	787	125	1043
Can-heads. Means for detecting defective	G. H. Stewart.....	827,760	Aug. 7	134	28-9	123	1703
Can holder. Oil	E. A. Durefy.....	820,708	May 15	3391	726	122	873
Can, jar, &c.	W. B. Walker.....	820,273	May 8	2541	551	122	629
Can-lifter	B. Rud.....	833,485	Oct. 16	2993	635	124	2029
Can-lifter. Safety	E. A. Austin.....	829,620	Aug. 28	3953	836	123	2764
Can-lining machine	C. S. Bucklin.....	815,402	Mar. 20	2582	599-600	121	735
Can loading and counting machine	J. G. Hodgson.....	823,781	June 19	3117	660	122	2514
Can loading and counting mechanism or apparatus	J. G. Hodgson.....	823,780	June 19	3115	660	122	2513
Can lock. Milk	I. Berger and A. Uhazy.....	830,821	Sept. 11	1880	392	124	505
Can-machine	J. C. Thom.....	831,905	Sept. 25	4067	847-8	124	1121
Can-machine carrier-support	C. W. Graham.....	814,442	Mar. 6	899	185	121	196
Can-making machine	B. Adriance and A. Calleson.....	818,805	Apr. 24	4531	969-71	121	2511
Can-making machinery	J. H. McElroy.....	818,110	Apr. 17	3106	669-71	121	2150
Can-opener	H. B. Ray.....	809,527	Jan. 9	1858	386	120	442
Can-opener	J. W. Davis.....	809,673	Jan. 9	2162	447	120	507
Can-opener	L. Alden, Jr.....	811,894	Feb. 6	691	151	120	1631
Can-opener	C. Cochran.....	812,406	Feb. 13	1803	394	120	1933
Can-opener	L. C. Sharp.....	815,477	Mar. 20	3015	628	121	764
Can-opener	W. T. Seerup.....	816,256	Mar. 27	4602	978	121	1159
Can-opener	C. A. Phillips.....	817,799	Apr. 17	2490	533	121	2015
Can-opener	A. P. Read.....	819,455	May 1	842	181	122	188
Can-opener	H. D. Sharp.....	831,110	Sept. 18	2461	520	124	674
Can-opener	M. J. Ferren.....	836,744	Nov. 27	3705	790	125	1048
Can or jar	S. Schopfiocher.....	832,168	Oct. 2	305	57	124	1287
Can rack. Cracker	E. L. Reed.....	810,566	Jan. 23	4017	827	120	998
Can safety device. Oil	B. Buccieri.....	809,281	Jan. 9	1350	274	120	332
Can screw-top	E. M. Hallbauer.....	834,125	Oct. 23	4478	951	124	2436

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Can-spout.....	R. Dreyer.....	831,841	Sept. 25	3905	819	124	1081
Can-spout-cap. Oil.....	N. Nelson.....	822,624	June 5	795	162	122	1902
Can-straightening apparatus. Milk.....	S. C. Keith, Jr.....	830,596	Sept. 11	1419	294-5	124	379
Can-testing machine.....	C. B. McDonald.....	812,224	Feb. 13	1440	314-15	120	1854
Can top. Powder.....	J. H. Goss.....	816,313	Mar. 27	4714	1000	121	1184
Can-top-scoring apparatus.....	F. C. B. Page.....	826,601	July 24	3932	815	123	1045
Cans and jars. Machine for lining covers for.....	J. Brenzinger.....	827,414	July 31	5602	1158-9	123	1475
Cans. Apparatus for detaching the heads from the bodies of sheet-metal.....	S. K. Green.....	809,108	Jan. 2	977	202	120	216
Cans. Device for closing the caps or covers on friction-top.....	E. D. Murphy.....	817,865	Apr. 17	2619	568	121	2043
Cans. Device for use in transferring ice-cream.....	J. Renner.....	832,503	Oct. 2	971	194	124	1445
Cans. Faucet-opening seal and attachable faucet for.....	S. Beach.....	832,287	Oct. 2	544	103	124	1345
Cans, &c. Handle for milk.....	G. E. Pitts.....	830,002	Sept. 4	177	31	124	43
Cans. Handled head for sheet-metal.....	C. Sherman.....	815,983	Mar. 27	4047	856	121	1037
Cans or boxes. Hinged cover for square or rectangular sheet-metal.....	B. H. Larkin.....	815,962	Mar. 27	4012	848	121	1030
Cans. Screw-cap for.....	F. A. Bergman.....	817,100	Apr. 3	1079	224	121	1597
Cans. Screw-top for syrup and other.....	W. J. Chambers.....	834,190	Oct. 23	4604	976	124	2467
Canned food. Apparatus for processing.....	J. S. Hughes.....	829,212	Aug. 21	3085	648	123	2505
Canner. Fruit.....	H. W. Toler.....	814,250	Mar. 6	491	101	121	106
Canning apparatus.....	J. F. Ragan.....	837,884	Dec. 4	1192	264	125	1650
Canning. Apparatus for preparing fruit for.....	W. J. Latchford.....	825,667	July 10	2063	430-1	123	550
Canning boiler. Fruit.....	C. C. Gregory.....	831,718	Sept. 25	3684	771	124	1026
Canceling and postmarking machines. Feed mechanism for stamp.....	F. Bjurström.....	812,780	Feb. 13	2511	552	120	2076
Canceling and postmarking machines. Inking apparatus for stamp.....	F. Bjurström.....	812,255	Feb. 13	1499	328	120	1886
Canceling and postmarking machine. Stamp.....	F. Bjurström.....	835,094	Nov. 6	441	89-90	125	116
Canceling-machine.....	W. G. Maynard.....	813,809	Feb. 27	4555	1007-8	120	2624
Canceling-machine.....	A. B. Pope.....	829,230	Aug. 21	3114	655	123	2512
Canceling-tool.....	W. E. Bowersock.....	822,179	May 29	6379	1355	122	1655
Candelabrum.....	A. C. Guntzer.....	838,619	Dec. 18	2678	575	125	2104
Candies. Dipping-frame for coating.....	P. Panoulis.....	809,737	Jan. 9	2273	471	120	533
Candy-cutter.....	G. B. Jacobs.....	817,854	Apr. 17	2590	558-9	121	2037
Candy-dusting machine.....	P. Haase.....	809,182	Jan. 2	1100	229	120	242
Candy-forming machine.....	J. A. Hollowell.....	817,563	Apr. 10	2024	426	121	1857
Candy-holder.....	G. A. Bisler.....	812,002	Feb. 6	961	210	120	1685
Candy-machine.....	A. Mosebach.....	813,315	Feb. 20	3591	788-9	120	2354
Candy-machine.....	W. J. Morrison.....	816,114	Mar. 27	4333	918	125	1102
Candy-machine.....	T. Allatt.....	836,552	Nov. 20	3276	698-9	125	907
Candy-machine cylinder.....	J. Smith.....	826,285	July 17	3227	668	123	848
Candy. Making.....	J. Stuckes. (Reissue).....	12,540	Oct. 9	2262	.....	124	1802
Candy-making machine.....	G. Pratts.....	811,086	Jan. 30	5020	1048	120	1251
Candy. Making stick.....	J. Stuckes. (Reissue).....	12,563	Nov. 20	3495	.....	125	957
Candy or cracker sample case.....	E. J. Thilborger and P. C. Le Corgne.....	814,572	Mar. 6	1145	239	121	248
Candy-pulling machine.....	C. M. Waite.....	830,468	Sept. 4	1146	241	124	283
Candy-pulling machine.....	H. M. Dickinson.....	831,501	Sept. 18	3192	675	124	859
Candy-pulling machine.....	H. L. Hildreth.....	832,384	Oct. 2	735	143	124	1389
Candy-screaming machine.....	F. W. Draudt.....	813,626	Feb. 27	4213	926-7	120	2550
Candy-spinner.....	W. H. Goodman.....	815,811	Mar. 20	3706	781	121	913
Candying cherries.....	K. Kiefer.....	819,286	May 1	511	107	122	118
Candle.....	C. A. Spies.....	808,698	Jan. 2	146	34	120	34
Candle-holder.....	L. M. Wilde.....	812,248	Feb. 13	1488	325	120	1864
Candle-holder.....	A. Schluter, Jr.....	817,394	Apr. 10	1683	355	121	1788
Candle-holder.....	J. Lechner.....	832,134	Oct. 2	223	45	124	1267
Candle holder and stick.....	P. M. Knippenberg.....	820,209	May 8	2412	523	122	599
Candle-holders. Resilient base for.....	F. Baumer.....	814,636	Mar. 6	1263	265	121	274
Candle materials. Manufacture of.....	J. Glatz.....	819,646	May 1	1200	.....	122	269
Candle-socket.....	H. F. Nehr.....	828,238	Aug. 7	1073	225	123	1932
Candle-socket.....	T. M. Mulkerins.....	837,240	Nov. 27	4686	994	125	1289
Candlestick.....	J. Kindelan.....	814,456	Mar. 6	924	190	121	201
Candlestick. Miner's.....	E. L. Weed.....	824,609	June 26	4725	1006	122	2918
Cane and stool. Combined walking.....	W. R. Jones.....	817,324	Apr. 10	1538	323	121	1755
Cane and whip. Combined.....	J. R. Morris.....	815,458	Mar. 20	2984	622	121	758
Cane-carrier feeder.....	G. D. Von Phul.....	825,778	July 10	2277	473	123	601
Cane carriers. Feeder for sugar.....	L. M. Dill.....	816,971	Apr. 3	852	175-6	121	1547
Cane-cutting machine. Sugar.....	J. A. Bolden.....	813,943	Feb. 27	4837	1067	120	2683
Cane. Extracting saccharine matter from sugar.....	M. R. Spelman.....	838,818	Dec. 18	3051	658	125	2196
Cane-loading apparatus.....	L. J. B. Trouard.....	818,644	Apr. 24	4203	903-4	121	2440
Cane-loading device. Sugar.....	G. D. Luce.....	810,290	Jan. 16	3402	704	120	826
Cane-mill.....	J. Buchanan.....	819,037	May 1	6	2	122	4
Cane-mill feed-box.....	M. P. Golden.....	809,440	Jan. 9	1696	348	120	406
Cane mill. Sugar.....	M. R. Spelman.....	820,074	May 8	2151	469-70	122	543
Cane-mills. Hydraulic apparatus for.....	J. C. Searle.....	826,369	July 17	3392	702-3	123	889
Cane-mills. Hydraulic-pressure regulator for.....	A. Grossmann.....	831,786	Sept. 25	3798	795-6	124	1055
Cane. Repeating torpedo.....	R. Bean.....	810,386	Jan. 23	3634	748	120	910
Cane-shaver.....	P. C. Comeau.....	831,039	Sept. 18	2286	483	124	636
Cane-sling.....	F. Mallon.....	829,879	Aug. 28	4496	949	123	2897
Cane unloading and feeding apparatus.....	J. H. Allen.....	833,819	Oct. 23	3669	783	124	2237
Canister-top.....	W. S. Stapley.....	827,821	Aug. 7	262	53	123	1736
Canister-top.....	W. S. Stapley.....	827,822	Aug. 7	263	54	123	1736
Canisters, &c. Machine for cutting and pressing.....	R. Von der Linde.....	809,512	Jan. 9	1830	378	120	436
Canon.....	E. J. Blood.....	821,331	May 22	4703	1002	122	1223
Canon for acrobatic performances.....	A. J. Crosse.....	826,019	July 17	2727	565	123	729
Canon, guns, and the like. Means for absorbing recoil in.....	B. Behr.....	829,939	Sept. 4	1	1	124	3
Canon. Hydraulic piston-brake mechanism for.....	M. Mondragon.....	833,616	Oct. 16	3251	691	124	2090
Canon recoil mechanism.....	F. B. Yingling.....	818,730	Apr. 24	4369	936-7	121	2470
Canon. Smooth-bore rotating.....	W. C. Heikamp.....	819,995	May 8	1960	434	122	497
Canopy. Folding.....	J. A. Pollock.....	811,322	Jan. 30	5504	1148	120	1355
Canopy for horses.....	G. H. Taylor.....	835,378	Nov. 6	1011	215	125	256
Canopy. Portable.....	A. Voorhes.....	811,460	Jan. 30	5747	1203	120	1405
Canopy-support.....	W. J. Snyder.....	822,635	June 5	816	166	122	1907
Canopy-support and chandelier.....	J. O. Mick.....	810,068	Jan. 16	2950	615	120	733

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Canopy-tops. Means for attaching	W. C. Rands	817,517	Apr. 10	1934	408	121	1846
Cap.	L. Balsam	810,697	Jan. 23	4257	883	120	1052
Cap.	O. D. Shaw	817,343	Apr. 10	1571	330	121	1763
Cap.	W. P. Meeker	828,561	Aug. 14	1757	369-70	123	2135
Cap.	O. C. Olsen	837,495	Dec. 4	428	97	125	1463
Cap-fitting	W. C. Truex	826,291	July 17	3242	671	123	853
Capacity	R. A. Fessenden	814,951	Mar. 13	1881	395	121	467
Capping device. Automatic self-heating	W. F. Hebrank	835,614	Nov. 13	1471	314	125	415
Capstan and horse-power	C. J. Le Valley and W. T. Bird	835,073	Nov. 6	403	82	125	106
Capsule closing and printing machine	V. Mellberg	820,724	May 15	3422	732-3	122	881
Capsule-filler	H. King	820,720	May 15	3417	731	122	880
Capsule-filling apparatus	C. C. Boykin	817,622	Apr. 10	2121	450	121	1878
Capsule-filling machine	J. F. Kobler	828,611	Aug. 14	1839	388	123	2157
Capsule machine. Wafer	S. S. König	819,144	May 1	210	44	122	53
Capsule spinning, trimming, and stacking machine	E. Watzke	816,694	Apr. 3	296	69	121	1425
Car.	W. A. Caswell. (Reissue)	12,447	Feb. 6	1321	287-9	120	1760
Car.	E. N. Trump	831,492	Sept. 18	3177	672	124	854
Car.	C. W. Shippee	833,181	Oct. 16	2342	491	124	1869
Car.	S. Otis	834,931	Nov. 6	107	21-2	125	30
Car.	E. W. Summers	835,167	Nov. 6	586	119	125	148
Car and air-brake coupling. Combined	E. H. Warren	839,682	Dec. 25	4773	1020	125	2661
Car and brake. Railway	R. F. Pierce	820,366	May 8	2714	591	122	667
Car and engine replacer	A. M. Peebles	826,961	July 24	4610	961	123	1217
Car and other like vehicle. Tram-	E. A. Stanley and J. E. Anger	812,097	Feb. 6	1131	247-8	120	1719
Car and the like. Transportation	J. M. Ames	814,660	Mar. 13	1317	277-8	121	345
Car announcing device. Railway	A. D. Cloud	811,903	Feb. 6	706	154-5	120	1634
Car appliance. Railway	G. E. Hanes	820,782	May 15	3534	757	122	907
Car attachment. Railway	S. Constable	817,103	Apr. 3	1084	225	121	1599
Car basket-rack	T. A. Legge	829,793	Aug. 28	4328	915	123	2856
Car-bodies. Center-stem guide for	B. S. Brown	812,720	Feb. 13	2407	527-8	120	2053
Car-body	W. H. Emerick and P. Alquist	819,047	May 1	23	6	122	8
Car-body bolster and draw-bar spring-pocket. Combined	H. M. Pflager	824,203	June 26	3904	834	122	2743
Car body-bolster. Railway	C. S. Shallenberger. (Reissue)	12,468	Mar. 27	5244	1112	121	1299
Car body-bolster. Railway	O. W. Meissner	824,802	July 3	239	43	123	67
Car body-bolster. Railway	J. M. Ames	833,147	Oct. 16	2268	476-7	124	1849
Car-body bolsters. Combined brace and draw-bar pocket for	H. M. Pflager	821,735	May 29	5526	1179	122	1461
Car-body. Metallic	E. I. Dodds	825,040	July 3	712	149-50	123	190
Car-body-underframe construction	O. S. Pulliam	813,667	Feb. 27	4290	944-5	120	2567
Car-body-underframe construction	O. S. Pulliam	833,086	Oct. 9	2130	448	124	1768
Car-bolster	A. Campbell	810,840	Jan. 23	4513	940	120	1107
Car-bolster	J. V. McAdam	814,470	Mar. 6	952	195	121	207
Car-bolster	J. B. Barnes	822,908	June 12	1352	281	122	2070
Car-bolster	E. I. Dodds	825,031	July 3	697	143	123	184
Car-bolster	E. I. Dodds	825,033	July 3	701	144-5	123	186
Car-bolster	J. S. Stevenson	830,807	Sept. 11	1855	386	124	497
Car-bolster	J. B. Barnes	832,030	Oct. 2	7	2	124	1214
Car-bolster	J. B. Barnes	834,248	Oct. 30	4744	1004	124	2547
Car-bolster	F. Jerdone, Jr.	835,436	Nov. 6	1131	244	125	284
Car-bolster	H. M. Pflager, C. T. Westlake, and C. H. Howard	835,552	Nov. 13	1342	288	125	382
Car-bolster and making the same	E. I. Dodds	825,026	July 3	689	140	123	181
Car-bolster and making the same	E. I. Dodds	825,027	July 3	691	141	123	182
Car-bolster construction	E. I. Dodds	831,652	Sept. 25	3531	743	124	984
Car-bolster. Metallic	E. I. Dodds	825,030	July 3	695	142-3	123	184
Car-bolster. Metallic	E. I. Dodds	825,034	July 3	702	145	123	187
Car-bolster. Railway	S. Otis	822,979	June 12	1482	309	122	2098
Car-bolster. Railway	O. W. Meissner	827,646	July 31	6124	1272	123	1608
Car-bolster. Railway	J. O. Neikirk	830,519	Sept. 11	1260	261	124	339
Car-bolster side bearing	A. H. Fetter	831,333	Sept. 18	2888	612	124	781
Car-bolster. Trussed	A. Stucki	817,403	Apr. 10	1699	359	121	1791
Car. Box	F. A. Delano	810,472	Jan. 23	3829	786	120	957
Car. Box	W. H. Emerick and H. A. Bundy	838,529	Dec. 18	2505	542	125	2062
Car-brake	J. F. Henner	813,889	Feb. 27	4732	1046	120	2663
Car-brake	W. S. Washburn and E. S. Niles	815,768	Mar. 20	3616	759	121	894
Car-brake	E. G. Tillman	815,880	Mar. 20	3854	817	121	943
Car-brake	W. W. Broga	819,203	May 1	339	73	122	83
Car-brake	O. M. Jones	822,522	June 5	575	116	122	1852
Car-brake	H. T. Brown	823,255	June 12	2097	436	122	2235
Car-brake	C. B. Mead and R. S. Fullerton	823,285	June 12	2152	449	122	2246
Car-brake	P. W. Clark	824,093	June 26	3695	787-8	122	2697
Car-brake	H. B. Burke	824,467	June 26	4448	944	122	2857
Car-brake	P. M. Kling	830,154	Sept. 4	502	102-3	124	126
Car-brake	P. M. Kling	830,155	Sept. 4	505	103	124	127
Car-brake	E. L. Fenstermaker	830,476	Sept. 4	1165	244	124	288
Car-brake	J. A. Stowe	833,140	Oct. 9	2241	472	124	1797
Car-brake	T. F. H. Zealand	835,270	Nov. 6	791	165	125	200
Car-brake	L. Allenbrand	835,295	Nov. 6	837	174	125	212
Car-brake	O. F. Smith	836,898	Nov. 27	3991	852	125	1123
Car-brake	S. J. Killingworth	837,846	Dec. 4	1121	250	125	1633
Car-brake	A. Koonse	838,549	Dec. 18	2545	550	125	2072
Car-brake-actuating mechanism	E. I. Dodds	821,616	May 29	5282	1127	122	1468
Car-brake. Automatic	C. L. Schults	814,876	Mar. 13	1750	367	121	440
Car brake-beam. Electric and other	S. A. Crone	832,599	Oct. 9	1168	233	124	1536
Car brake-beam. Railway	S. A. Crone	819,734	May 8	1388	299	122	371
Car brake-beam. Railway	J. B. Barnes	830,558	Sept. 11	1350	280	124	362
Car brake-beam. Railway	S. A. Crone	832,597	Oct. 9	1165	233	124	1536
Car brake-beam. Railway	S. A. Crone	832,598	Oct. 9	1166	233	124	1536
Car brake-beam. Railway and other	S. A. Crone	838,776	Dec. 18	2975	641	125	2177
Car-brake. Beamless	G. W. Swisher	816,617	Apr. 3	154	32	121	1395
Car-brake. Emergency	W. F. Fister	829,770	Aug. 28	4279	905	123	2844
Car brake mechanism. Elevated	D. Humphrey	832,318	Oct. 2	609	114	124	1359
Car brake mechanism. Hand-	A. J. Allson	829,618	Aug. 28	3949	836	123	2763
Car brake mechanism. Railway	E. Melchert	814,792	Mar. 13	1604	336-7	121	410
Car brake. Motor-	R. Bugge	818,815	Apr. 24	4557	977	121	2517

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Car-brake-operating mechanism.	J. O. Neikirk.	813,511	Feb. 27	3991	875	120	2502
Car-brake-operating mechanism.	E. I. Dodds.	821,617	May 29	5284	1127	122	1409
Car-brake-operating mechanism.	E. I. Dodds.	821,618	May 29	5286	1128	122	1410
Car brake. Railway.	P. P. Hatcher.	825,724	July 10	2172	454	123	576
Car brake. Railway.	W. Kramer.	830,156	Sept. 4	506	103	124	127
Car brake. Railway.	S. A. Crone.	838,773	Dec. 18	2908	639	125	2175
Car brake. Railway.	S. A. Crone.	838,774	Dec. 18	2971	640	125	2176
Car brake. Railway.	S. A. Crone.	838,775	Dec. 18	2973	640-1	125	2177
Car brake-shoe. Railway.	W. H. Miner.	839,074	Dec. 18	3511	759	125	2308
Car braking and shifting apparatus. Railway.	W. Miner.	836,269	Nov. 20	2724	580	125	775
Car. Brick.	F. H. Reid.	818,851	Apr. 24	4618	991	121	2529
Car. Brick.	F. H. Reid.	818,852	Apr. 24	4620	991-2	121	2530
Car-bumper. Pneumatic concrete-steel.	T. McCormick.	821,524	May 22	5097	1086	122	1311
Car center-bearing. Railway.	H. C. Buhoup.	829,502	Aug. 28	3698	781	123	2701
Car check-holder. Dump.	G. L. Summers.	832,347	Oct. 2	664	127	124	1372
Car. Cinder.	J. M. Hartman.	815,162	Mar. 13	2333	488	121	565
Car. Combination freight and dump.	A. Lipschutz.	834,823	Oct. 30	5875	1245-6	124	2833
Car. Combination freight and dump.	A. Lipschutz.	834,824	Oct. 30	5881	1246-7	124	2825
Car. Combined stock and freight.	E. Wyatt.	823,983	June 19	3504	748-9	122	2588
Car compound brake.	W. D. Baldwin and A. Sundh.	838,160	Dec. 11	1781	383	125	1841
Car conductor. Electric.	F. L. Sessions.	821,317	May 22	4673	996	122	1216
Car construction.	R. L. Ettenger.	815,946	Mar. 27	3976	842	121	1022
Car construction.	E. M. Erb.	820,961	May 22	3970	843	122	1064
Car construction.	J. C. Hermann.	821,490	May 22	5040	1073	122	1299
Car construction.	A. Porter.	822,474	June 5	469	95	122	1827
Car construction.	A. E. Ostrander.	830,922	Sept. 11	2054	433	124	547
Car construction.	S. M. Curwen.	838,608	Dec. 18	2658	571	125	2100
Car construction. Metallic.	E. I. Dodds.	825,019	July 3	678	137	123	177
Car construction. Metallic.	E. I. Dodds.	826,652	July 24	4028	835	123	1070
Car construction. Steel.	C. A. Lindström.	833,462	Oct. 16	2806	594-5	124	1986
Car-controlling device. Electric.	J. H. K. McCollum.	817,264	Apr. 10	1427	700-1	121	1733
Car. Convertible.	F. E. Stanley and J. L. Gillmore.	813,249	Feb. 20	3447	360	120	2324
Car. Convertible.	J. K. Cothorn.	821,464	May 22	4988	1060	122	1288
Car. Convertible.	E. R. Ash.	838,369	Dec. 11	2191	475-6	125	1941
Car corner-stake and method of manufacture.	E. I. Dodds.	831,653	Sept. 25	3533	744	124	984
Car-coupling.	W. W. Gordon.	809,255	Jan. 2	1292	263	120	284
Car-coupling.	E. C. Washburn.	810,008	Jan. 16	2803	578-9	120	700
Car-coupling.	S. P. Bush.	810,104	Jan. 16	3011	627	120	747
Car-coupling.	L. P. Elliott.	810,400	Jan. 23	3679	758	120	921
Car-coupling.	C. H. Tomlinson.	810,588	Jan. 23	4061	836	120	1007
Car-coupling.	J. Rooney.	811,329	Jan. 30	5520	1150	120	1258
Car-coupling.	J. K. Vaught.	811,459	Jan. 30	5745	1203	120	1405
Car-coupling.	S. W. Wibel, W. R. Cunningham, and H. A. Gray.	811,808	Feb. 6	514	115	120	1595
Car-coupling.	G. A. Hermanson.	812,927	Feb. 20	2809	619	120	2188
Car-coupling.	W. McConway, Jr.	813,107	Feb. 20	3168	692-4	120	2208
Car-coupling.	A. Kelly.	813,650	Feb. 27	4258	935	120	2560
Car-coupling.	W. S. Schroeder.	813,744	Feb. 27	4429	977	120	2596
Car-coupling.	S. F. Klohs.	814,379	Mar. 6	768	155	121	169
Car-coupling.	C. A. Carscadin.	814,831	Mar. 13	1677	350-1	121	426
Car-coupling.	C. H. Tomlinson.	814,924	Mar. 13	1826	383	121	456
Car-coupling.	C. McCarter.	814,979	Mar. 13	1934	406-7	121	477
Car-coupling.	W. W. Gordon.	815,525	Mar. 20	3104	648	121	783
Car-coupling.	W. Kelso.	816,165	Mar. 27	4434	938-9	121	1123
Car-coupling.	F. Keller and D. Bowers.	816,336	Mar. 27	4787	1014	121	1198
Car-coupling.	J. Darling.	816,565	Apr. 3	21	6	121	1359
Car-coupling.	B. J. Cobb.	816,711	Apr. 3	321	74	121	1431
Car-coupling.	J. E. Wade.	816,951	Apr. 3	816	167	121	1539
Car-coupling.	F. A. Ramey.	817,001	Apr. 3	911	188	121	1561
Car-coupling.	W. E. McDonald.	817,088	Apr. 3	1059	220	121	1593
Car-coupling.	W. A. Engel.	817,307	Apr. 10	1511	316-17	121	1750
Car-coupling.	H. N. Poynton.	817,665	Apr. 10	2198	469	121	1895
Car-coupling.	A. Schulz.	818,564	Apr. 24	4031	864	121	2401
Car-coupling.	A. H. Renshaw.	819,314	May 1	563	120-1	122	129
Car-coupling.	J. F. Wagner.	819,388	May 1	719	152	122	163
Car-coupling.	G. W. Smilie.	820,677	May 15	3333	715	122	861
Car-coupling.	J. Housholder and J. C. Galbreath.	820,871	May 15	3731	796	122	949
Car-coupling.	J. W. Robertson.	821,539	May 22	5120	1090	122	1316
Car-coupling.	C. Dietz.	821,789	May 29	5641	1201-2	122	1488
Car-coupling.	W. McConway, Jr.	821,953	May 29	5948	1267	122	1555
Car-coupling.	L. C. Cary.	822,344	June 5	236	49	122	1777
Car-coupling.	C. Schiared.	822,483	June 5	499	101	122	1835
Car-coupling.	M. R. Kneeder.	822,526	June 5	581	117	122	1854
Car-coupling.	W. Slayden.	823,643	June 19	2860	605	122	2459
Car-coupling.	L. G. Daniels and W. B. Kirkpatrick.	824,097	June 26	3701	789	122	2698
Car-coupling.	J. Farlow.	824,239	June 26	3985	853	122	2760
Car-coupling.	P. D. Serrurier.	825,767	July 10	2256	468-9	123	595
Car-coupling.	J. B. Sherman.	826,120	July 17	2928	608	123	777
Car-coupling.	A. Gapinski.	826,237	July 17	3141	652	123	827
Car-coupling.	P. A. Moore.	826,951	July 24	4586	955	123	1211
Car-coupling.	A. J. Bazeley.	828,177	Aug. 7	966	199-200	123	1907
Car-coupling.	A. Moritz.	829,347	Aug. 21	3359	707	123	2571
Car-coupling.	W. J. Burran.	829,366	Aug. 21	3401	716	123	2581
Car-coupling.	L. Bottenstein.	829,476	Aug. 28	3615	750-60	123	2682
Car-coupling.	C. D. Whiting.	830,548	Sept. 11	1324	273	124	356
Car-coupling.	G. A. Hermanson.	830,713	Sept. 11	1685	346	124	454
Car-coupling.	G. A. Hermanson.	830,714	Sept. 11	1688	347	124	455
Car-coupling.	G. A. Hermanson.	830,715	Sept. 11	1689	347	124	456
Car-coupling.	G. A. Hermanson.	830,716	Sept. 11	1692	347-8	124	457
Car-coupling.	G. A. Hermanson.	830,717	Sept. 11	1694	348	124	457
Car-coupling.	J. Munton and G. A. Hermanson.	830,731	Sept. 11	1727	357	124	465
Car-coupling.	W. S. Schroeder.	839,857	Sept. 11	1945	408-9	124	521
Car-coupling.	S. F. Douglass.	839,977	Sept. 11	2152	455	124	571
Car-coupling.	G. A. Hermanson.	831,070	Sept. 18	2370	499	124	656

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Page.	Page.	Vol.	Page.
Car-coupling.....	A. Stucki.....	831,249	Sept. 18	2717	572-3	124	737
Car-coupling.....	A. Stucki.....	831,250	Sept. 18	2721	573	124	738
Car-coupling.....	H. V. Rogers.....	831,378	Sept. 18	2970	631	124	800
Car-coupling.....	C. Metterhausen.....	832,689	Oct. 9	1354	274	124	1578
Car-coupling.....	W. Kelso.....	832,980	Oct. 9	1929	403	124	1715
Car-coupling.....	A. J. Bazeley.....	833,434	Oct. 16	2874	609-10	124	2003
Car-coupling.....	A. J. Bazeley.....	833,435	Oct. 16	2876	610	124	2004
Car-coupling.....	H. T. Krakau.....	834,814	Oct. 30	5855	1241	124	2827
Car-coupling.....	L. P. Mather.....	834,833	Oct. 30	5898	1249-50	124	2839
Car-coupling.....	F. Schatzka.....	835,500	Nov. 13	1353	290-1	125	385
Car-coupling.....	J. and J. O. Timms.....	835,551	Nov. 13	1406	301-2	125	399
Car-coupling.....	D. P. Moran.....	836,329	Nov. 20	2844	604	125	804
Car-coupling.....	W. F. Richards.....	836,404	Nov. 20	2990	634	125	837
Car-coupling.....	J. and J. O. Timms.....	837,155	Nov. 27	4538	962	125	1251
Car-coupling.....	J. C. Yeiser.....	837,531	Dec. 4	500	116	125	1481
Car-coupling.....	F. Irwin.....	838,188	Dec. 11	1838	394	125	1858
Car-coupling.....	F. J. Bowery.....	839,101	Dec. 25	3608	779-80	125	2377
Car-coupling and draw-head.....	A. W. Lewis.....	817,077	Apr. 3	1042	216	121	1589
Car-coupling apparatus.....	G. E. Kelly.....	811,068	Jan. 30	4987	1041	120	1244
Car-coupling appliance.....	P. W. Hogan.....	814,449	Mar. 6	911	187	121	199
Car-coupling. Automatic.....	D. M. Wilson.....	812,540	Feb. 13	2055	451	120	1986
Car-coupling. Automatic.....	C. R. Salmen.....	817,095	Apr. 3	1072	222	121	1596
Car-coupling. Automatic.....	E. King.....	821,505	May 22	5061	1078	122	1303
Car-coupling. Automatic.....	H. L. Blue.....	823,154	June 12	1863	385	122	2181
Car-coupling. Automatic.....	S. P. Bush.....	823,990	June 19	3514	751	122	2601
Car-coupling. Automatic.....	J. Stephens.....	837,144	Nov. 27	4514	957	125	1246
Car-coupling. Automatic.....	W. S. Wright.....	837,893	Dec. 4	1211	268	125	1654
Car-coupling. Auxiliary.....	G. M. Pennepacker and C. S. Lacombe.....	811,434	Jan. 30	5710	1195	120	1397
Car-coupling device.....	E. Grafstrom.....	808,651	Jan. 2	64	14	120	16
Car-coupling. Emergency.....	N. Warner and G. W. Jacobs.....	813,469	Feb. 27	3903	856	120	2481
Car-coupling knuckle.....	N. F. Harriman and E. B. Dailey.....	838,325	Dec. 11	2107	455	125	1921
Car-coupling release-rigging.....	J. E. Uish.....	827,948	Aug. 7	510	144	123	1799
Car-coupling-repairing device.....	J. J. Cross and M. E. Peterson.....	824,912	July 3	472	92	123	125
Car-coupling-unlocking means.....	C. H. Tomlinson.....	821,204	May 22	4453	948	122	1169
Car-couplings. Emergency attachment for automatic.....	J. A. Hinson.....	820,644	May 15	3259	701	122	846
Car-couplings. Emergency-knuckle for.....	G. H. Gilman and J. H. Brown.....	818,369	Apr. 17	3624	777	121	2260
Car-couplings. Emergency-knuckle for.....	E. P. Kinne.....	839,771	Dec. 25	4957	1058	125	2708
Car-couplings. Operating mechanism for automatic.....	E. E. Turney.....	812,385	Feb. 13	1760	385	120	1924
Car-couplings. Pivot-pin-retaining means for.....	R. E. L. Janney.....	820,048	May 8	2093	457	122	530
Car curtain-fastener. Vestibule.....	F. L. Madison.....	829,983	Sept. 4	141	23	124	34
Car curtain-fastener. Vestibule.....	H. L. Garrett.....	839,576	Dec. 25	4557	972	125	2609
Car curtain. Vestibule.....	W. H. Forsyth.....	839,282	Dec. 25	3972	853	125	2467
Car-derrick.....	W. Roach.....	817,518	Apr. 10	1036	408	121	1841
Car. Derrick.....	S. P. Mitchell.....	817,862	Apr. 17	2609	563-6	121	2041
Car. Derrick.....	S. P. Mitchell.....	817,864	Apr. 17	2616	567-8	121	2042
Car. Device for setting switches by the motorman from the.....	C. Trebesiner.....	819,619	May 1	1137	251	122	256
Car diaphragm. Vestibule.....	L. C. Bassford.....	830,559	Sept. 11	1351	280-1	124	363
Car-door.....	C. W. Tefft.....	820,153	May 8	2308	504-5	122	577
Car-door.....	T. Mayhew.....	838,347	Dec. 11	2145	465	125	1931
Car-door.....	H. L. Rogers.....	839,648	Dec. 25	4716	1008	125	2647
Car-door-actuating mechanism.....	J. Levak.....	813,807	Feb. 27	4551	1006	120	2623
Car-door apparatus.....	J. Shaffer.....	820,020	May 8	2025	444	122	514
Car-door. Box.....	F. A. Delano.....	816,651	Apr. 3	223	52	121	1410
Car-door bracket.....	J. L. Mallory.....	819,151	May 1	223	47	122	56
Car-door cleat and sealing device.....	S. C. Sullivan.....	810,995	Jan. 30	4867	1013	120	1217
Car-door closure.....	C. E. Roe and J. Collinson.....	833,244	Oct. 16	2479	520	124	1903
Car-door fastener.....	F. L. Estes.....	827,352	July 31	5438	1130	123	1437
Car door. Grain.....	C. L. Robbins.....	811,091	Jan. 30	5028	1050	120	1253
Car door. Grain.....	V. Elmquist.....	813,631	Feb. 27	4225	928-9	120	2553
Car door. Grain.....	J. J. Hahn.....	814,202	Mar. 6	388	78	121	85
Car door. Grain.....	G. Willson, A. E. and E. Ostberg.....	819,108	May 1	148	31	122	38
Car door. Grain.....	C. H. Luthman.....	827,026	July 24	4730	986-7	123	1244
Car door. Grain.....	T. Lennox.....	831,670	Sept. 25	3591	753-4	124	1001
Car door. Grain.....	T. F. Mitchell and H. Bauman.....	838,636	Dec. 18	2714	581	125	2113
Car-door hanger.....	E. F. Luce.....	813,724	Feb. 27	4395	970	120	2589
Car-door hanger.....	F. B. McElvain.....	815,461	Mar. 20	2992	623	121	759
Car-door lock.....	W. F. Wendt.....	809,872	Jan. 9	2512	522	120	586
Car-door lock.....	C. M. Carnahan.....	823,762	June 19	3071	651	122	2502
Car-door lock.....	B. B. Ross.....	827,037	July 24	4755	992	123	1251
Car-door mechanism.....	A. Christianson.....	828,458	Aug. 14	1546	326-7	123	2081
Car-door opener.....	L. D. Gibson.....	827,526	July 31	5884	1218	123	1544
Car-door-operating device.....	R. V. Sage.....	836,830	Nov. 27	3865	824	125	1089
Car-door-operating mechanism.....	A. Campbell.....	812,783	Feb. 13	2520	554	120	2078
Car-door-operating mechanism.....	E. I. Dodds.....	820,852	May 15	3707	791	122	945
Car-door-operating mechanism.....	J. C. Herrmann.....	823,862	June 19	3268	693	122	2548
Car-door-operating mechanism.....	J. C. Herrmann.....	823,863	June 19	3269	693	122	2549
Car-door-operating mechanism.....	B. H. Smith.....	837,137	Nov. 27	4409	954-5	125	1243
Car-door-operating mechanism. Drop-bottom.....	E. I. Dodds.....	825,020	July 3	679	137	123	178
Car-door-operating mechanism. Gondola.....	O. M. Stimson.....	817,015	Apr. 3	937	193	121	1566
Car-door safety-bracket.....	E. J. Kates.....	823,047	June 12	1633	338	122	2133
Car-door safety guide-bracket.....	W. O. and F. H. Jewell.....	837,474	Dec. 4	394	90	125	1454
Car-door-sill. Railway.....	T. J. Bruce.....	839,721	Dec. 25	4865	1040	125	2684
Car doors and the like. Guide means for freight.....	G. E. Luce and F. Lambert.....	827,807	Aug. 7	240	48-9	123	1731
Car. Double-decked.....	I. O. Wright and J. H. Farlow.....	820,840	May 15	3685	786	122	940
Car draft and buffing gear.....	J. F. O'Connor.....	812,868	Feb. 20	2697	594-5	120	2163
Car draft-appliance. Railway.....	H. M. Pfleger.....	810,805	Jan. 23	4464	927	120	1096
Car draft-gear. Railway.....	L. P. Mather.....	817,433	Apr. 10	1764	370	121	1804
Car draft-gear. Railway.....	J. Lange, Jr.....	835,540	Nov. 13	1321	283	125	377
Car draft-gear. Railway.....	G. P. Ritter.....	839,203	Dec. 25	3820	824	125	2429
Car draft-gear. Railway.....	C. T. Westlake.....	839,350	Dec. 25	4098	880	125	2498
Car draft-rigging.....	J. M. Ames.....	824,698	July 3	1	1	123	3
Car draft-rigging.....	I. A. Randel.....	825,349	July 10	1319	277	123	362
Car draft-rigging.....	J. J. Tatum and A. P. Prendergast.....	837,754	Dec. 4	952	215	125	1591

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Car draft-rigging attachment.	A. Campbell.	831,212	Sept. 18	2640	555	124	716
Car draft-rigging mechanism.	B. S. Brown.	812,721	Feb. 13	2409	528	120	2054
Car draft-rigging. Railway.	J. M. Waugh.	818,066	Apr. 17	3020	653	121	2132
Car draft-rigging. Railway.	J. F. O'Connor.	829,728	Aug. 28	4180	885	123	2818
Car draft-rigging. Railway.	J. F. O'Connor.	829,731	Aug. 28	4186	885-6	123	2819
Car draft-rigging. Railway.	J. F. O'Connor.	835,249	Nov. 6	755	158	125	191
Car draft-rigging. Railway.	F. L. Englehardt.	838,530	Dec. 18	2507	542	125	2063
Car draft-rigging. Railway.	W. H. Miner.	838,560	Dec. 18	2561	553	125	2076
Car draft-rigging. Railway.	W. H. Miner.	838,561	Dec. 18	2563	554	125	2077
Car draft-rigging. Railway.	J. R. Mitchell.	838,563	Dec. 18	2567	554-5	125	2078
Car draft-rigging. Railway-passenger.	J. F. O'Connor.	829,730	Aug. 28	4184	885	123	2819
Car draw-bar-centering device. Railway.	T. R. Brown.	821,084	May 22	4231	900	122	1120
Car draw-bar-centering device. Railway.	T. R. Brown.	821,085	May 22	4232	900	122	1120
Car. Dump.	T. R. McKnight.	809,522	Jan. 9	1849	383-4	120	440
Car. Dump.	H. S. Hart and W. Yost.	811,717	Feb. 6	344	76	120	1562
Car. Dump.	S. Otis.	812,359	Feb. 13	1698	373	120	1912
Car. Dump.	S. Otis.	813,733	Feb. 27	4409	972-3	120	2592
Car. Dump.	G. I. King.	814,141	Mar. 6	276	55	121	60
Car. Dump.	S. Otis.	814,159	Mar. 6	311	62	121	68
Car. Dump.	S. Otis.	814,231	Mar. 6	443	92	121	96
Car. Dump.	S. Otis.	815,032	Mar. 13	2073	434-5	121	507
Car. Dump.	S. Otis.	816,498	Mar. 27	5121	1085-6	121	1268
Car. Dump.	E. S. Hart.	820,046	May 8	2089	456	122	529
Car. Dump.	S. Otis.	821,528	May 22	5101	1087	122	1312
Car. Dump.	J. Shelton.	822,778	June 5	1084	223-4	122	1966
Car. Dump.	S. Otis.	823,631	June 19	2837	600	122	2453
Car. Dump.	S. Otis.	826,873	July 24	4453	927	123	1176
Car. Dump.	S. Otis.	826,874	July 24	4455	927	123	1177
Car. Dump.	A. E. Ostrander.	829,733	Aug. 28	4189	886-8	123	2820
Car. Dump.	S. Otis. (Reissue).	12,533	Sept. 18	3267	688	124	877
Car. Dump.	E. Posson.	833,547	Oct. 16	3102	659	124	2055
Car. Dump.	H. A. Reader.	834,934	Nov. 6	113	23	125	32
Car. Dump.	H. E. Murphy.	837,580	Dec. 4	599	140	125	1503
Car. Dump.	S. Otis.	838,510	Dec. 11	2454	534	125	2006
Car-dump.	C. R. Claghorn.	811,129	Jan. 30	5123	1070	120	1271
Car-dump.	C. S. Lefferts.	814,610	Mar. 6	1214	254	121	263
Car-dump.	H. M. Ramseur.	816,736	Apr. 3	361	83-4	121	1439
Car. Dumping.	F. M. Hubbard and C. E. Taylor.	808,750	Jan. 2	257	55-6	120	59
Car. Dumping.	P. Schneider.	809,016	Jan. 2	779	168	120	172
Car. Dumping.	R. W. and J. V. Ericson.	810,524	Jan. 23	3936	810	120	981
Car. Dumping.	A. Mieden.	820,006	May 8	2000	438-9	122	508
Car. Dumping.	T. H. Stag.	820,024	May 8	2032	446	122	515
Car. Dumping.	E. C. Sherman and W. W. McKelvey.	820,144	May 8	2292	500-1	122	573
Car. Dumping.	J. Knittel.	821,808	May 29	5679	1209	122	1497
Car. Dumping.	D. King.	824,365	June 26	4223	900	122	2810
Car. Dumping.	F. Peteler.	829,667	Aug. 28	4042	856-7	123	2787
Car. Dumping.	W. W. Wallace.	834,090	Oct. 23	4391	933-4	124	2411
Car. Dumping.	W. W. Wallace.	834,091	Oct. 23	4395	934-5	124	2413
Car. Dumping.	B. F. Moore.	836,395	Nov. 20	2975	630-1	125	834
Car. Dumping.	S. F. Swanson.	839,335	Dec. 25	4074	874	125	2492
Car-dumping apparatus.	G. H. Hulett.	814,704	Mar. 13	1429	297-8	121	372
Car-dumping device. Automatic.	W. L. Hansen and A. Hayes.	817,972	Apr. 17	2844	616	121	2095
Car-dumping machines. Apron for.	J. McMyler.	820,434	May 15	2858	622	122	757
Car dust-collector.	G. F. Weir.	810,831	Jan. 23	4500	936	120	1104
Car. Electric.	L. B. Stillwell.	811,967	Feb. 6	868	191-2	120	1666
Car. Electric tram.	G. J. Conaty.	827,710	Aug. 7	27	6-7	123	1677
Car end brace.	H. W. Wolff.	814,497	Mar. 6	999	205	121	217
Car end brace.	H. W. Wolff.	823,837	June 19	3221	681	122	2538
Car end bracing.	H. W. Wolff.	819,489	May 1	909	199	122	203
Car end bracing.	H. W. Wolff.	823,838	June 19	3223	682	122	2538
Car end bracing.	H. W. Wolff.	827,489	July 31	5805	1204	123	1524
Car end construction. Railway.	E. I. Dodds.	836,373	Nov. 20	2919	619	125	821
Car end sill.	S. Otis.	825,675	July 10	2080	434	123	554
Car end sill.	S. Otis. (Reissue).	12,552	Nov. 6	1217	263	125	305
Car end sill.	A. E. Ostrander.	836,132	Nov. 20	2446	514	125	705
Car-fender.	J. B. Connor.	810,326	Jan. 16	3481	719	120	842
Car-fender.	J. Landan, Jr.	812,571	Feb. 13	2130	466-7	120	2001
Car-fender.	A. B. Wilson.	813,475	Feb. 27	3917	859	120	2485
Car-fender.	M. E. John.	813,498	Feb. 27	3965	869-70	120	2497
Car-fender.	F. J. Fairchild.	813,632	Feb. 27	4227	929	120	2554
Car-fender.	C. Bauer.	813,938	Feb. 27	4827	1065	120	2682
Car-fender.	J. Dobos.	819,044	May 1	17	5	122	7
Car-fender.	E. A. Johnson.	820,117	May 8	2238	487	122	562
Car-fender.	J. C. Jorgensen.	820,204	May 8	2400	521	122	596
Car-fender.	J. A. Sage.	820,317	May 8	2621	571	122	646
Car-fender.	F. A. Seeley.	820,607	May 15	3203	689	122	834
Car-fender.	H. Ekrem.	821,346	May 22	4746	1009	122	1236
Car-fender.	E. Tallaksen.	823,003	June 12	1536	320	122	2111
Car-fender.	M. Wick.	824,519	June 26	4540	964	122	2878
Car-fender.	C. Hager and T. D. Finizie.	824,541	June 26	4585	975	122	2887
Car-fender.	C. Hager and T. D. Finizie.	824,542	June 26	4587	975	122	2887
Car-fender.	B. B. Jenkins.	824,986	July 3	622	125	123	164
Car-fender.	R. C. Layton.	825,668	July 10	2067	431	123	551
Car-fender.	J. V. Battram.	827,602	July 31	6017	1252	123	1576
Car-fender.	W. Pickett.	829,289	Aug. 21	3241	683	123	2541
Car-fender.	F. C. Austin.	829,564	Aug. 28	3839	816	123	2737
Car-fender.	F. Witsch.	829,821	Aug. 28	4374	924	123	2868
Car-fender.	W. A. Moffat.	831,454	Sept. 18	3108	658	124	836
Car-fender.	J. W. Pritchett.	833,337	Oct. 16	2671	562	124	1953
Car-fender.	J. O'Leary.	833,621	Oct. 16	3260	694	124	2093
Car-fender.	H. Thiele.	833,946	Oct. 23	3954	840	124	2311
Car-fender.	F. M. Frederick.	834,717	Oct. 30	5653	1199	124	2778
Car-fender.	H. C. Jeneskee and F. Melcher.	835,435	Nov. 6	1130	244	125	284
Car-fender.	K. M. Stahl.	835,571	Nov. 13	1382	296-7	125	393
Car-fender.	F. Cushman.	837,301	Dec. 4	1037	231	125	1611

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Car-fender.....	A. E. Gumz.....	838,983	Dec. 18	3329	720	125	2261
Car-fender and brake.....	L. A. Devin and P. S. Atkins.....	812,022	Feb. 6	997	218	120	1691
Car-fender. Automatic.....	B. Lev.....	815,926	Mar. 20	3939	834	121	963
Car-fender. Automatic.....	J. A. McMillan.....	832,206	Oct. 2	381	70	124	1305
Car-fender chain-bracket.....	B. Lev.....	815,922	Mar. 20	3934	832	121	962
Car-fender. Detachable.....	B. Lev.....	815,923	Mar. 20	3936	833	121	962
Car-fender especially adapted for street-railways.....	M. S. Aisbitt.....	819,967	May 8	1897	420	122	483
Car-fender. Motor.....	B. Lev.....	815,919	Mar. 20	3929	831	121	961
Car-fender. Safety.....	F. Cushman.....	817,299	Apr. 10	1495	313	121	1746
Car-fender spring.....	B. Lev.....	815,924	Mar. 20	3937	833	121	962
Car-fender spring-buffer.....	B. Lev.....	815,921	Mar. 20	3933	832	121	962
Car-fender. Street.....	W. Martin.....	809,829	Jan. 9	2432	505	120	568
Car-fender. Street.....	D. Houlahan.....	817,320	Apr. 10	1530	321-2	121	1753
Car-fender. Street.....	A. L. Mazzanovich.....	820,005	May 8	1998	438	122	507
Car-fender. Street.....	E. H. Schulze.....	829,675	Aug. 28	4060	861	123	2791
Car-fender. Street.....	V. Vladutz.....	839,793	Dec. 25	5002	1068	125	2718
Car-fender. Street-railway.....	J. Post.....	820,733	May 15	3441	737	122	885
Car-fender tripping member.....	B. Lev.....	815,106	Mar. 13	2212	466	121	537
Car-fender. Tubular.....	B. Lev.....	815,927	Mar. 20	3940	834	121	963
Car-fenders. Cushioning-roller for.....	B. Lev.....	815,928	Mar. 20	3943	835	121	964
Car. Flat.....	A. E. Beck.....	830,471	Sept. 4	1152	242	124	284
Car-floor and floor-frame.....	M. F. Amorous.....	815,249	Mar. 13	2511	523	121	606
Car-floor-door-operating mechanism.....	A. Campbell.....	825,580	July 10	1839	391	123	491
Car-floor-door-operating mechanism.....	A. Campbell.....	825,581	July 10	1843	391-2	123	492
Car folding stanchion. Lumber.....	J. S. O'Neal.....	819,585	May 1	1079	237	122	243
Car for elevated railways.....	D. Humphrey.....	832,319	Oct. 2	610	114-15	124	1359
Car for preventing side ship. Motor.....	T. G. Allen.....	813,684	Feb. 27	4322	951	120	2574
Car for railways, &c. Removable.....	P. J. Mitten.....	824,188	June 26	3870	826-7	122	2736
Car-frame.....	W. R. McKee, Jr.....	809,317	Jan. 9	1428	289	120	348
Car-frame.....	W. H. Emerick and P. Alquist.....	819,048	May 1	24	6	122	8
Car frame. Hand.....	J. Donovan.....	811,042	Jan. 30	4949	1033	120	1236
Car frame. Metal.....	C. T. Clarke.....	826,832	July 24	4358	907	123	1154
Car frame. Passenger.....	G. Gibbs.....	819,215	May 1	361	77-8	122	87
Car frame. Railway.....	W. F. Kiesel, Jr.....	823,790	June 19	3131	663-4	122	2517
Car frame. Railway.....	W. F. Kiesel, Jr.....	832,486	Oct. 2	934	184-6	124	1436
Car frame. Railway.....	W. F. Kiesel, Jr.....	832,487	Oct. 2	943	186-7	124	1439
Car-frames and the like. Corner-joint for.....	F. Bevan.....	834,103	Oct. 23	4417	938	124	2418
Car frames. Post and carline for railway.....	W. F. Kiesel, Jr.....	809,920	Jan. 9	2611	538	120	607
Car-frames. Sill for skeleton.....	E. Prouty.....	832,623	Oct. 9	1226	246	124	1549
Car. Freight.....	O. W. Meissner.....	812,145	Feb. 6	1233	268	120	1742
Car. Freight.....	A. Becker.....	824,615	June 26	4740	1010	122	2921
Car. Freight.....	H. S. Hart and J. O. Neikirk.....	824,926	July 3	500	99	123	133
Car. Freight.....	W. I. Brock.....	835,392	Nov. 6	1039	222-3	125	263
Car freight-guard. Open.....	W. Sheridon.....	830,534	Sept. 11	1293	267-8	124	347
Car friction draft-rigging. Railway.....	F. B. Townsend.....	812,902	Feb. 20	2759	607	120	2176
Car-fumigating system. Sleeping.....	L. J. Harris.....	829,584	Aug. 28	3880	822	123	2747
Car. Gondola.....	R. G. Hutchins.....	828,289	Aug. 7	1199	250	123	1965
Car. Gondola.....	R. G. Hutchins.....	828,290	Aug. 7	1202	250	123	1965
Car. Gondola.....	E. I. Dodds.....	831,648	Sept. 25	3524	739-41	124	981
Car grain-door.....	M. G. Donehew.....	808,906	Jan. 2	570	126	120	125
Car grain-door.....	J. Feucht.....	812,838	Feb. 20	2638	576-7	120	2149
Car grain-door.....	T. Lennox.....	822,458	June 5	435	89	122	1819
Car grain-door.....	E. Posson.....	822,630	June 5	806	164	122	1905
Car grain-door.....	L. J. Mighell.....	823,735	June 19	3026	640	122	2493
Car grain-door.....	T. E. Branson.....	833,503	Oct. 16	3024	642	124	2036
Car grain-door. Box.....	H. J. Forst.....	837,553	Dec. 4	540	126	125	1489
Car grain-door. Freight.....	J. Rohrberg.....	822,477	June 5	472	96	122	1825
Car grain-door. Railway.....	E. J. Noblett.....	817,983	Apr. 17	2859	619-20	121	2099
Car grain-door. Railway.....	J. Greevy.....	825,965	July 17	2617	544	123	710
Car guard. Open-railway.....	E. W. Wheelock.....	822,703	June 5	957	195	122	1940
Car guard-rail.....	M. W. Rogers.....	814,081	Mar. 6	157	32	121	35
Car guard-rail. Street.....	E. P. Dandridge.....	818,873	Apr. 24	4655	999-1000	121	2538
Car. Hand.....	W. H. Miller.....	830,610	Sept. 11	1439	299-300	124	384
Car. Hand.....	G. E. Lunceford.....	835,965	Nov. 13	2103	451	125	568
Car-handle shield.....	W. H. Pontius.....	831,295	Sept. 18	2819	595	124	763
Car handling and dumping apparatus.....	W. W. Keefer.....	827,373	July 31	5479	1139	123	1445
Car handling and dumping apparatus.....	W. W. Keefer. (Reissue).....	12,550	Oct. 30	5982	1271-2	124	2859
Car-handling apparatus.....	F. E. Woodford.....	814,498	Mar. 6	1000	205-6	121	218
Car-hauls. Trip-feeder for.....	L. J. Robb.....	831,241	Sept. 18	2700	567-8	124	732
Car having electrically-controlled berths. Parlor and sleeping.....	L. J. Harris.....	829,469	Aug. 28	3642	767-8	123	2689
Car heater. Electric.....	H. W. Buck.....	825,298	July 10	1213	256	123	334
Car heater. Thermal.....	E. Klausman.....	814,296	Mar. 6	578	121-2	121	124
Car-heating system.....	F. Davis.....	833,510	Oct. 16	3037	644-5	124	2039
Car-heating system. Electric.....	F. C. Newell.....	814,981	Mar. 13	1938	407-8	121	478
Car. Hopper.....	E. I. Dodds.....	831,649	Sept. 25	3527	741-2	124	982
Car. Hopper-bottom.....	J. S. Stevenson.....	809,638	Jan. 9	2090	433	120	490
Car. Hopper-bottom.....	T. R. Brown.....	816,070	Mar. 27	4246	899	121	1082
Car indicator. Street.....	D. C. Evans and O. Q. Patterson.....	813,144	Feb. 20	3258	716-17	120	2286
Car journal-box.....	J. R. Schrader.....	809,635	Jan. 9	2080	431-2	120	488
Car journal-box. Railway.....	J. B. Williamson.....	818,501	Apr. 24	3880	834	121	2369
Car-lever.....	G. B. Sullivan.....	818,576	Apr. 24	4052	869	121	2405
Car life-guard fender.....	B. Lev.....	815,105	Mar. 13	2210	465	121	536
Car-lift. Individual.....	C. G. Hutchinson.....	815,834	Mar. 20	3765	792	121	926
Car-loader.....	J. G. Huffman.....	819,279	May 1	499	104-5	122	115
Car-loading apparatus.....	A. Chapie.....	836,435	Nov. 20	3063	650	125	854
Car-loading apparatus. Automatic.....	W. J. Selleck.....	824,826	July 3	292	53-4	123	81
Car. Low-side metal gondola.....	E. I. Dodds.....	834,004	Oct. 23	4198	890	124	2363
Car-lubricator.....	J. F. Joy.....	813,214	Feb. 20	3386	747	120	2311
Car. Metallic hopper.....	T. Dunbar and E. I. Dodds.....	831,657	Sept. 25	3541	746	124	987
Car. Metallic railway.....	A. Stucki.....	826,809	July 24	4315	897-8	123	1144
Car. Mine.....	W. W. Keefer and C. E. Ward.....	822,671	June 5	885	181	122	1924
Car. Mining.....	E. I. Dodds.....	834,003	Oct. 23	4197	890	124	2363
Car. Motor.....	F. W. Lancaster.....	809,509	Jan. 9	1827	377	120	436
Car. Motor.....	M. Ehret.....	822,104	May 29	6229	1328	122	1621
Car. Motor.....	W. T. Urie.....	830,384	Sept. 4	982	204-5	124	242
Car. Motor.....	M. W. Kouns.....	830,600	Sept. 11	1426	296	124	381

Alphabetical list of inventions—Continued.

Invention.	Name	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Car. Motor-.....	M. Fischer.....	834,007	Oct. 23	4206	892	124	2365
Car motormen. Adjustable seat for electric-.....	O. E. Meßerd.....	815,546	Mar. 20	3149	650	121	793
Car-mover.....	F. Mertsheimer.....	816,873	Apr. 3	648	134	121	1502
Car-mover.....	L. Ehrlich.....	825,708	July 10	2137	446	123	568
Car-moving device.....	L. J. Muehr.....	830,912	Sept. 11	2042	429	124	544
Car. Observation and recreation.....	J. D. Tusar.....	831,908	Sept. 25	4073	849	124	1123
Car or the like ventilator.....	L. J. Harris.....	829,463	Aug. 28	3639	765-6	123	2688
Car or wagon. Dumping.....	E. R. Swan.....	836,285	Nov. 20	2759	586	125	785
Car. Ore.....	E. S. Boyd.....	822,820	June 5	1165	240	122	1983
Car part.....	A. Christianson.....	814,273	Mar. 6	532	110-11	121	114
Car partition. Stock-.....	E. I. Dodds.....	811,206	Jan. 30	5284	1105	120	1307
Car. Passenger-.....	J. H. Phillips, Jr.....	836,890	Nov. 27	3976	849	125	1119
Car. Passenger-.....	H. F. Vogel.....	824,393	June 26	4277	911	122	2820
Car-platform folding gate.....	C. H. Turner.....	830,263	Sept. 4	741	152	124	186
Car-platform gate.....	H. Witte.....	810,592	Jan. 23	4067	837	120	1008
Car. Pleasure-.....	H. Witte.....	809,597	Jan. 9	2005	416	120	472
Car. Poultry-.....	J. D. Walsh.....	820,453	May 15	2898	630	122	766
Car-protector and rail-cleaner.....	C. L. Bundy.....	819,512	May 1	946	207	122	212
Car-rack.....	N. P. Danielsen.....	830,212	Sept. 4	637	128	124	162
Car-rail hose-bridge.....	H. E. Keeler.....	815,352	Mar. 20	2756	574	121	707
Car-rail standard.....	J. S. Heaton.....	817,558	Apr. 10	2016	425	121	1856
Car rails. Embedding for street-.....	J. H. Nantz.....	838,739	Dec. 18	2893	622	125	2158
Car. Railway-.....	F. Melaun.....	826,344	July 17	3345	692	121	879
Car. Railway-.....	J. C. Cottrell.....	808,817	Jan. 2	381	82-4	120	84
Car. Railway-.....	L. A. Hoerr.....	809,613	Jan. 9	2039	423	120	480
Car. Railway-.....	A. W. Sullivan and W. Renshaw.....	810,000	Jan. 16	2781	573-4	120	696
Car. Railway-.....	R. Gass.....	814,777	Mar. 13	1573	332	121	403
Car. Railway-.....	J. R. Jones.....	817,068	Apr. 3	1029	213	121	1586
Car. Railway-.....	H. L. Kerr.....	818,629	Apr. 24	4167	897	121	2432
Car. Railway-.....	H. F. Vogel.....	822,639	June 5	825	168	122	1909
Car. Railway-.....	M. Rounds.....	824,209	June 26	3923	840-1	122	2747
Car. Railway-.....	A. E. Ostrander.....	825,611	July 10	1904	402-5	123	506
Car. Railway-.....	G. H. Hopkins.....	827,446	July 31	5661	1173-4	123	1490
Car. Railway-.....	H. S. Hart, O. W. Meissner, and J. O. Neikirk.....	827,632	July 31	6095	1264-6	123	1600
Car. Railway-.....	C. Zimmermann.....	827,899	Aug. 7	598	85	123	1769
Car. Railway-.....	L. J. Harris.....	829,470	Aug. 28	3644	768-70	123	2690
Car. Railway-.....	S. Otis.....	832,555	Oct. 2	1066	214	124	1470
Car. Railway-.....	A. C. Wiechers.....	832,763	Oct. 9	1496	301	124	1614
Car. Railway-.....	W. T. Van Dorn.....	835,170	Nov. 6	591	120-1	125	150
Car. Railway-.....	C. M. Funk.....	835,413	Nov. 6	1060	236	125	274
Car. Railway-.....	C. H. Howard and H. M. Pfleger.....	835,527	Nov. 13	1298	278-9	125	372
Car. Railway-.....	C. H. Howard.....	835,528	Nov. 13	1300	279	125	372
Car. Railway-.....	L. J. Harris.....	835,905	Nov. 13	2005	424-6	125	545
Car. Railway-.....	F. C. Sargent.....	836,834	Nov. 27	3871	825	125	1091
Car. Railway-.....	S. Otis.....	836,942	Nov. 27	4105	876	125	1146
Car. Railway-.....	E. Posson.....	837,721	Dec. 4	897	202-3	125	1577
Car. Railway ballast-.....	H. S. Hart, J. O. Neikirk, and F. C. Cameron.....	837,633	July 31	6101	1267	123	1601
Car. Railway freight-.....	O. W. Meissner and W. Yost.....	820,058	May 8	2114	461	122	535
Car. Railway freight-.....	W. R. Mulock.....	820,240	May 8	2468	534-5	122	612
Car. Railway motor-.....	C. H. Howard.....	813,427	Feb. 27	3823	837	120	2462
Car. Railway tank-.....	G. L. Southard.....	812,096	Feb. 6	1123	247	120	1717
Car. Railway tank-.....	H. J. Small and J. B. Speed.....	814,880	Mar. 13	1758	368	121	442
Car-register.....	F. A. Schierberg.....	818,563	Apr. 24	4029	864	121	2400
Car-replacer.....	J. M. Scudder.....	812,302	Feb. 13	1606	352	120	1892
Car-replacer.....	W. P. Byrd.....	813,855	Feb. 27	4664	1032	120	2648
Car-replacer.....	S. C. Johnson and G. H. Miller.....	822,669	June 5	874	180	122	1921
Car-replacer.....	N. F. Hess.....	828,112	Aug. 7	851	175	123	1881
Car-rerailer.....	L. B. Gump.....	832,186	Oct. 2	340	63	124	1295
Car roller side bearing. Railway-.....	E. S. Woods.....	809,599	Jan. 9	2015	418	120	474
Car-roof.....	O. Link.....	820,362	May 8	2763	590	122	665
Car-roof construction.....	G. Steinmeyer, Sr.....	814,743	Mar. 13	1506	319	121	390
Car-roof door.....	J. C. Herrmann.....	824,077	June 19	3670	781	122	2633
Car-roof. Metal.....	J. C. Campbell.....	809,907	Jan. 9	2574	533	120	598
Car-roof. Metallic.....	A. Campbell.....	824,169	June 26	3838	819	122	2729
Car-roof. Metallic.....	A. Campbell.....	824,170	June 26	3839	820	122	2729
Car safety device. Incline-.....	M. Ludlow.....	829,534	Aug. 28	3781	803	123	2722
Car safety-fender. Street-.....	G. D. Potter.....	834,996	Nov. 6	235	51	125	62
Car sanding appliance. Trolley-.....	A. H. Flexer.....	837,460	Dec. 4	367	85	125	1447
Car-seat.....	F. Bennett and S. A. Walker.....	809,084	Jan. 2	923	193-4	120	204
Car-seat.....	A. E. Ostrander.....	810,558	Jan. 23	4000	824	120	994
Car-seat.....	J. B. Kilburn.....	814,455	Mar. 6	923	190	121	200
Car-seat.....	E. G. Budd.....	814,514	Mar. 6	1032	213	121	225
Car-seat.....	W. H. Heulings, Jr.....	819,757	May 8	1438	307	122	382
Car-seat.....	H. Witte.....	822,643	June 5	832	170	122	1911
Car-seat.....	E. G. Budd.....	823,256	June 12	2099	437	122	2235
Car-seat.....	J. B. Kilburn and A. N. McConnell.....	825,736	July 10	2195	458	123	582
Car-seat.....	F. K. Fassett.....	825,816	July 10	2339	487	123	616
Car-seat.....	E. G. Budd and C. A. Condé.....	830,410	Sept. 4	1032	215-16	124	255
Car-seat.....	H. W. K. Hale.....	821,063	Sept. 18	2353	496-7	124	652
Car-seat.....	G. W. Dryer.....	831,777	Sept. 25	3782	792	124	1051
Car-seat.....	P. M. Kling.....	831,877	Sept. 25	4012	834-5	124	1108
Car-seat backs. Adjustable arm for reversible-.....	R. L. Mangan.....	829,078	Aug. 21	2782	585	123	2427
Car-seat cushion.....	C. W. H. Frederick.....	832,471	Oct. 2	909	178	124	1451
Car-seat head-rest.....	C. W. Perry.....	818,045	Apr. 17	2988	645	121	2125
Car-seat. Reversible.....	H. Witte.....	810,833	Jan. 23	4503	938	120	1105
Car-seat. Reversible.....	H. Witte.....	813,267	Feb. 20	3478	767	120	2332
Car-seat. Walk-over.....	S. M. Curwen.....	808,905	Jan. 2	569	125	120	125
Car. Self-propelled.....	P. H. Batten.....	827,408	July 31	5554	1154-5	123	1466
Car separable fender. Motor-.....	B. Lev.....	815,920	Mar. 20	3931	832	121	961
Car side bearing. Railway-.....	A. Stucki.....	831,312	Sept. 18	2852	605	124	772
Car. Side-dump.....	S. W. Miller.....	837,417	Dec. 4	277	68	125	1425
Car side construction.....	E. I. Dodds.....	831,650	Sept. 25	3528	742	124	983
Car side construction.....	E. I. Dodds.....	831,654	Sept. 25	3535	744-5	124	985
Car side or center sill.....	T. Dunbar and E. I. Dodds.....	825,043	July 3	716	150	123	192
Car side. Spliced.....	H. W. Wolff.....	832,110	Oct. 2	177	36	124	1257

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Car sign and signal. Electric—	C. W. Ryder and F. Orth.	838,586	Dec. 18	2614	563-4	125	2089
Car-sign support.	M. D. Batchelder.	838,937	Dec. 18	3260	705	125	2244
Car-signal.	A. S. Macreadie.	808,937	Jan. 2	617	134	120	136
Car signal-circuit. Electric—	W. Lintern.	825,847	July 10	2398	500	123	631
Car sill construction. Railway—	E. I. Dodds.	825,021	July 3	681	137	123	178
Car sill. Railway—	T. Dunbar and E. I. Dodds.	825,042	July 3	715	150	123	191
Car. Sleeping—	H. M. Pflager.	816,037	Mar. 27	4167	882-3	121	1066
Car. Sleeping—	P. P. Carroll.	818,742	Apr. 24	4397	941	121	2482
Car. Sleeping—	T. O. Abbott.	819,196	May 1	321	68-9	122	80
Car. Sleeping—	W. B. Prouty.	824,815	July 3	269	48	123	74
Car. Sleeping—	C. D. Pugsley.	833,483	Oct. 16	2990	634-5	124	2028
Car. Sleeping—	D. S. McEwing.	835,799	Nov. 13	1808	383-4	125	500
Car sliding door. Railway—	F. D. Ackerman.	811,115	Jan. 30	5076	1061	120	1262
Car sliding doors. Guide-bracket for freight—	C. B. Hale.	819,754	May 8	1422	306	122	377
Car spragger. Mine—	S. Sluder.	830,107	Sept. 4	393	80	124	97
Car. Spreader—	P. F. Smith, Jr.	818,127	Apr. 17	3144	676	121	2159
Car-stake.	C. F. Flemming.	823,270	June 12	2123	443	122	2240
Car-stake.	E. I. Dodds.	825,028	July 3	693	141	123	183
Car-stake.	E. I. Dodds.	825,029	July 3	694	142	123	183
Car-stake.	R. V. Sage.	827,266	July 31	5277	1094	123	1397
Car-stake.	E. I. Dodds.	831,651	Sept. 25	3530	743	124	983
Car-stake.	R. V. Sage.	833,976	Oct. 23	4121	876	124	2345
Car-stake.	A. W. Bagley.	834,702	Oct. 30	5627	1193-4	124	2772
Car-stake. Adjustable.	R. V. Sage.	834,433	Oct. 30	5064	1073	124	2626
Car stake and brace. Combined.	J. C. Herrmann.	827,307	July 31	5352	1111-12	123	1414
Car stake and load-binding device.	T. Green.	819,216	May 1	363	79	122	87
Car stake and strap appliance. Flat—	A. S. Beville.	835,930	Nov. 13	2046	437	125	554
Car-stake. Combination.	R. V. Sage.	833,978	Oct. 23	4126	877	124	2346
Car-stake. Extensible.	R. V. Sage.	833,975	Oct. 23	4118	876	124	2345
Car-stake. Extension.	R. V. Sage.	833,977	Oct. 23	4124	877	124	2346
Car-stake. Lay-down.	L. von Dabrowski.	826,150	July 17	2976	619	123	789
Car-stake. Lay-down.	L. von Dabrowski.	826,151	July 17	2978	619	123	789
Car-stake socket with tripping device.	C. G. Bacon.	831,696	Sept. 25	3640	762	124	1014
Car-stakes. Making.	E. I. Dodds.	831,839	Sept. 25	3900	817-18	124	1080
Car-stanchion. Adjustable.	W. K. Cleveland.	835,881	Nov. 13	1962	415	125	534
Car-standard.	A. R. Mebane.	832,493	Oct. 2	952	189	124	1441
Car-standard.	R. L. Z. Bridges and E. Z. Hatcher.	832,588	Oct. 9	1146	229	124	1530
Car standard. Flat—	G. W. Du Bes.	819,527	May 1	972	213	122	218
Car standard. Gondola—	G. W. Du Bes.	835,302	Nov. 6	849	179	125	214
Car-starter.	R. E. Booth and J. Wise.	811,123	Jan. 30	5090	1065	120	1265
Car starter and mover.	G. D. Rowell.	839,209	Dec. 25	3833	825	125	2432
Car starting and stopping device.	R. Maw.	808,939	Jan. 2	621	136	120	137
Car. Steam-motor.	W. G. Wagenhals.	830,940	Sept. 11	2090	441-2	124	554
Car. Steel.	C. A. Lindström and J. F. Streib.	832,682	Oct. 9	1344	271	124	1575
Car steel underframe construction.	A. Becker.	837,895	Dec. 4	1218	269	125	1656
Car-step.	D. A. Faut.	811,911	Feb. 6	726	158-9	120	1639
Car-step.	N. A. E. McLendon.	818,279	Apr. 17	3450	742	121	2224
Car-step.	D. A. Faut.	826,926	July 24	4555	947	123	1203
Car-step.	C. C. Hummel.	827,240	July 31	5224	1085	123	1385
Car-step.	G. W. Davis and J. A. Hicks.	831,216	Sept. 18	2649	556	124	719
Car-step.	J. F. Myers.	837,242	Nov. 27	4689	995	125	1290
Car-step. Extension.	G. G. Johnson.	820,876	May 15	3737	798	122	951
Car-step. Extension.	E. S. Mitchell.	829,280	Aug. 21	3221	678	123	2537
Car-step. Extension.	B. Watson.	830,867	Sept. 11	1962	412	124	526
Car-step. Extension.	E. T. Wade.	839,238	Dec. 25	3885	835	125	2445
Car-step. Folding.	T. G. Clifford.	817,224	Apr. 10	1344	281	121	1718
Car-step. Folding and extension.	J. S. Coxey.	822,102	May 29	6222	1326	122	1619
Car-step holder.	J. Edwards.	823,325	June 12	2227	464	122	2262
Car-step holder.	J. Edwards.	832,959	Oct. 9	1894	394	124	1707
Car-step. Supplemental.	A. F. Elkins.	829,861	Aug. 28	4455	941-2	123	2887
Car. Stock—	C. W. McKeen.	823,890	June 19	3317	706	122	2559
Car-stop.	G. L. Hollingsworth.	832,385	Oct. 2	737	144	124	1390
Car stop. Mine—	J. Hamilton.	836,880	Nov. 27	3956	845	125	1114
Car-stopping device. Automatic.	A. D. Skillman.	822,161	May 29	6342	1349-50	122	1647
Car storm-curtain. Open—	M. E. Holden.	817,562	Apr. 10	2023	426	121	1857
Car. Street—	W. J. Herbert.	814,043	Mar. 6	88	16-17	121	20
Car structure.	F. Jerdone, Jr.	837,841	Dec. 4	1107	247	125	1629
Car-switching mechanism.	H. E. Sharp.	815,560	Mar. 20	3168	665	121	797
Car tandem spring draft-rigging. Railway—	J. F. O'Connor.	829,727	Aug. 28	4178	884	123	2817
Car. Tank—	E. I. Dodds.	836,372	Nov. 20	2917	618-19	125	820
Car. Tie-preserving cylinder—	E. B. B. Kuckuck.	808,761	Jan. 2	274	59	120	63
Car-transmitting mechanism.	D. B. Waddell, F. M. Giesey, and R. E. Glass.	829,815	Aug. 28	4364	921-2	123	2866
Car truss-frame.	W. R. McKeen, Jr.	809,974	Jan. 16	2732	562-3	120	685
Car-uncoupling mechanism.	A. J. Bazeley.	828,266	Aug. 7	1120	236-7	123	1943
Car-uncoupling mechanism.	H. F. Pope.	834,321	Oct. 30	4877	1032	124	2580
Car-underframe.	E. I. Dodds.	831,840	Sept. 25	3903	818	124	1081
Car-underframe construction.	A. Becker.	834,654	Oct. 30	5528	1174	124	2745
Car-underframe. Metallic.	E. I. Dodds.	834,005	Oct. 23	4200	891	124	2364
Car-underframes. Draw-bar spring-pocket attachment for metal.	H. M. Pflager.	827,749	Aug. 7	113	25	123	1698
Car-underframing.	H. C. Williamson and H. Pries.	817,947	Apr. 17	2797	606	121	2084
Car-underframing.	H. C. Williamson and H. Pries.	826,982	July 24	4648	967-8	123	1226
Car underframing. Box—	G. I. King. (Reissue).	12,463	Mar. 13	2695	561	121	643
Car-unloading apparatus.	A. Buquet and A. Crochet.	824,621	June 26	4747	1011	122	2922
Car-ventilating apparatus.	H. A. Gadsden.	832,853	Oct. 9	1695	349	124	1661
Car-ventilating system.	G. H. Layng.	836,934	Nov. 27	4091	873	125	1143
Car ventilator.	C. E. Mandeville and E. Collins.	832,329	Oct. 2	631	191	124	1365
Car-ventilator.	A. P. Scheurman.	838,909	Dec. 18	3214	624	125	2234
Car-vestibule curtain.	E. C. Holmes.	820,195	May 8	2386	519	122	594
Car-vestibule curtain.	S. M. Dawson.	830,647	Sept. 11	1535	317	124	412
Car-vestibule. Railway—	W. F. Richards.	835,114	Nov. 6	484	98	125	125
Car-wall brace.	J. H. Weisbrod.	831,315	Sept. 18	2857	606	124	773
Car-wheel.	G. T. Springer and F. Lister.	810,437	Jan. 23	3754	773	120	938
Car-wheel.	H. C. Odenkirk.	816,363	Mar. 27	4849	1028	121	1211
Car-wheel.	J. Taylor.	817,454	Apr. 10	1808	380	121	1814

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Car-wheel.....	P. J. Garrison.....	817,636	Apr. 10	2149	456	121	1884
Car-wheel.....	A. Mast.....	818,900	Apr. 24	4704	1009	121	2548
Car-wheel.....	F. Latimer.....	819,292	May 1	519	109	122	120
Car-wheel.....	S. P. Bush.....	824,407	June 26	4312	918	122	2826
Car-wheel.....	J. A. Pilcher and W. W. Lemen.....	830,363	Sept. 4	933	194	124	230
Car-wheel.....	E. L. Troup.....	831,121	Sept. 18	2482	524	124	680
Car-wheel.....	C. T. Schoen.....	834,761	Oct. 30	5741	1218	124	2800
Car-wheel.....	J. Stuart.....	834,771	Oct. 30	5774	1226	124	2806
Car-wheel.....	F. E. Holliday.....	837,932	Dec. 11	1292	283	125	1717
Car-wheel-flange lubricator.....	A. C. Love.....	818,384	Apr. 17	3658	785-6	121	2267
Car-wheel-guard. Railway.....	E. A. Mason.....	836,935	Nov. 27	4092	873	125	1143
Car-wheel hub.....	D. Haslup.....	813,418	Feb. 27	3801	834	120	2458
Car-wheel jack-stand.....	L. C. Houston.....	817,321	Apr. 10	1533	322	121	1754
Car-wheel. Lubricating.....	W. H. Thompson and C. J. Swank.....	822,560	June 5	644	129	122	1868
Car-wheel lubricator.....	M. Campbell.....	839,725	Dec. 25	4869	1041	125	2685
Car wheel. Mine.....	J. J. McCully.....	818,108	Apr. 17	3098	668	121	2148
Car-wheel. Noiseless.....	I. Hogeland.....	834,473	Oct. 30	5168	1098	124	2654
Car-wheel. Sectional.....	G. W. Richards.....	809,398	Jan. 9	1610	327	120	388
Car-wheel. Self-oiling.....	R. F. Phillips.....	828,242	Aug. 7	1079	227	123	1933
Car-wheel. Self-oiling.....	H. Eggers.....	835,016	Nov. 6	279	61	125	73
Car-wheel shoe.....	A. Harris.....	834,298	Oct. 30	4839	1023	124	2571
Car-wheel skid. Railway.....	W. H. Fletcher.....	814,645	Mar. 6	1283	270	121	277
Car-wheels. Lubricating.....	J. S. Smith.....	829,039	Aug. 21	2709	568	123	2408
Car-wheels. Manufacture of.....	J. K. Griffith.....	838,981	Dec. 18	3326	719	125	2260
Car-wheels. Producing self-lubricating.....	J. W. Fuller, Jr.....	813,146	Feb. 20	3263	717	120	2287
Car-window.....	H. F. Dietz.....	816,539	Mar. 27	5211	1105	121	1250
Car-window.....	F. P. Harp.....	833,132	Oct. 9	2226	469	124	1793
Car-windows. Safety lever-frame for.....	W. Gatzert.....	818,156	Apr. 17	3206	690	121	2172
Car-windows. Sash-fastener for.....	H. Moorman.....	837,864	Dec. 4	1164	257	125	1643
Cars and like vehicles. Body-support for.....	C. Farez.....	830,702	Sept. 11	1662	341	124	448
Cars and other vehicles. Double bogie for railway.....	H. Schuler.....	814,922	Mar. 13	1824	382	121	456
Cars and other vehicles. Fender for.....	G. Hipwood.....	810,762	Jan. 23	4370	907-8	120	1077
Cars and other vehicles. Fender for.....	G. Hipwood.....	810,763	Jan. 23	4373	908	120	1077
Cars and other vehicles. Speed-indicator for motor.....	R. M. Ruck.....	825,075	July 3	770	161	123	206
Cars. Antifriction center-bearing for railway.....	J. F. O'Connor.....	838,576	Dec. 18	2593	560	125	2085
Cars, automobiles, and the like. Locking device for motor.....	I. W. Heysinger.....	810,206	Jan. 16	3220	667	120	786
Cars. Cable-grip for.....	J. L. Davis.....	813,040	Feb. 20	3030	667	120	2235
Cars. Card-holder for freight.....	W. J. Northup.....	832,338	Oct. 2	647	123	124	1368
Cars. Check-lock for mine.....	S. Rudolph.....	831,106	Sept. 18	2451	517	124	673
Cars. Chock for transporting vehicles on railway.....	C. F. Flemming.....	833,454	Oct. 16	2927	620	124	2013
Cars. Chute for unloading railway.....	J. E. Brazear.....	812,009	Feb. 6	972	212	120	1687
Cars. Combined grain-door and loading and unloading platform for box.....	J. S. Bender.....	814,014	Mar. 6	18	4	121	6
Cars. Crane structure for.....	C. B. Voynow and G. B. Taylor.....	810,827	Jan. 23	4493	934-5	120	1102
Cars. Device for transporting passengers from.....	F. S. See.....	815,868	Mar. 20	3835	812-13	121	940
Cars. Draft-timber attachment for railway box.....	J. R. Hirsch.....	839,109	Dec. 25	3625	782	125	2382
Cars. Dumping and caging apparatus for mine.....	T. Fisher.....	827,354	July 31	5442	1131-2	123	1437
Cars. Electric switch for electric-railway.....	O. Frank and P. J. McCaffrey.....	817,366	Apr. 10	1615	342	121	1773
Cars. Extension-step for railway.....	J. E. Jones.....	828,743	Aug. 14	2109	446	123	2225
Cars. Folding table for railway.....	R. L. Spencer.....	830,187	Sept. 4	567	115-16	124	144
Cars. Gate-opening mechanism for railway.....	W. S. Wright.....	821,273	May 22	4585	976	122	1199
Cars, &c. Headlight attachment for railway.....	W. W. Ruble.....	833,246	Oct. 16	2481	520	124	1903
Cars, &c. Lock for doors of.....	L. Neyrat.....	830,520	Sept. 11	1261	261-2	124	339
Cars. Locking and releasing mechanism for standards of logging.....	G. W. Du Bes. (Reissue).....	12,482	May 15	3911	834-5	122	990
Cars. Machine for loading coal from the tipples into.....	A. T. Goff.....	820,565	May 15	3136	674-5	122	819
Cars, &c. Means for elevating.....	A. V. Trust.....	838,594	Dec. 18	2628	566-7	125	2093
Cars. Metallic underframe for passenger.....	A. Stucki.....	824,084	June 19	3681	783	122	2636
Cars or vehicles along a railway. Apparatus for controlling the passage of.....	L. H. Thullen.....	816,762	Apr. 3	413	94	121	1449
Cars or vehicles along a railway. Control of apparatus governing the passage of.....	M. V. Van Wyck.....	819,326	May 1	593	125-6	122	137
Cars or vehicles along a railway. Control of apparatus governing the passage of.....	M. M. V. Van Wyck.....	819,327	May 1	598	126	122	137
Cars or vehicles along a railway. Control of apparatus governing the passage of.....	H. A. Wallace.....	830,119	Sept. 4	444	90	124	112
Cars. Plate and stake structure for gondola.....	E. I. Dodds.....	825,036	July 3	706	146-7	123	188
Cars. Safety system for motor-propelled.....	J. A. Miller.....	823,478	June 12	2515	528	122	2323
Cars. Sand-delivery box for railway.....	J. Roediger.....	835,917	Nov. 13	2024	431	125	550
Cars, &c. Self-releasing brake-handle for tram.....	M. Belmonte.....	819,402	May 1	746	158	122	169
Cars. Spragging device for coal and pit.....	J. Levak.....	810,778	Jan. 23	4409	914	120	1085
Cars. Stake for the sides of railway.....	T. R. Brown.....	827,501	July 31	5826	1208	123	1530
Cars, &c. Standard for lumber.....	J. Malone.....	820,585	May 15	3168	682	122	827
Cars. Steel side stake for.....	E. I. Dodds.....	813,488	Feb. 27	3943	865	120	2492
Cars. Steel underframe for railway.....	W. F. Kiesel, Jr.....	809,921	Jan. 9	2612	538-9	120	608
Cars. Tandem-spring draft-rigging for railway.....	J. F. O'Connor.....	812,867	Feb. 20	2693	594	120	2162
Cars. Traction-increasing device for street.....	H. H. Fox.....	821,352	May 22	4759	1012	122	1239
Caramel product.....	T. D. Lichtenstein.....	829,478	Aug. 28	3657	123	2693	
Carbid-feeder.....	O. M. Brauer.....	821,332	May 22	4707	1002-3	122	1224
Carbid. Manufacture of.....	H. L. Hartenstein.....	819,219	May 1	368	122	88	
Carbid. Manufacture of.....	H. L. Hartenstein.....	819,222	May 1	371	79	122	89
Carbid. Manufacture of.....	H. L. Hartenstein. (Reissue).....	12,519	Aug. 7	1209	251	123	1968
Carbid. Producing.....	H. L. Hartenstein.....	819,220	May 1	369	122	88	
Carbid. Production of.....	H. L. Hartenstein.....	819,221	May 1	370	122	89	
Carbids. Apparatus for reducing compounds and producing.....	E. F. Price.....	826,745	July 24	4202	872-3	123	1115
Carbids. Reducing compounds and producing.....	E. F. Price.....	826,743	July 24	4196	871-2	123	1113
Carbon-black-making machine.....	J. M. Sweeny.....	836,948	Nov. 27	4117	878-9	125	1149
Carbon holder and separator.....	G. W. Donning.....	826,484	July 17	3645	757	123	936
Carbon-producing apparatus.....	T. P. Sharts.....	819,606	May 1	1109	245	122	249
Carbon product and making same.....	W. P. Eayrs.....	829,464	Aug. 28	3632	763	123	2686
Carbon tetrachlorid. Manufacture of.....	J. M. Matthews.....	835,307	Nov. 6	862	183	125	218
Carbon-sheet holder.....	H. W. Hedges.....	817,769	Apr. 17	2411	516	121	1998
Carbonating apparatus.....	F. Robbin.....	827,567	July 31	5956	1235	123	1562
Carbonating apparatus. Automatic attachment for.....	H. W. Van Der Vaart.....	809,649	Jan. 9	2116	438	120	495
Carbonating apparatus. Liquid.....	P. C. Haan.....	813,883	Feb. 27	4720	1044	120	2660

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Carbonating apparatus. Liquid-	W. A. Harris.	832,903	Oct. 9	1790	370	124	1684
Carbonating liquids.	W. A. Harris.	832,904	Oct. 9	1794	371	124	1684
Carbureted-air burner for heating, cooking, &c.	O. M. Hudson.	824,361	June 26	4202	898	122	2806
Carbureter.	S. P. Sanders.	810,087	Jan. 16	2974	621	120	739
Carbureter.	J. McIntosh.	810,792	Jan. 23	4439	921	120	1091
Carbureter.	F. A. Law.	813,653	Feb. 27	4263	937	120	2561
Carbureter.	E. E. Adams.	813,683	Feb. 27	4320	951	120	2573
Carbureter.	G. H. Holgate.	813,796	Feb. 27	4535	1002-3	120	2619
Carbureter.	R. M. Mick.	814,617	Mar. 6	1227	258	121	265
Carbureter.	G. W. Kellogg.	816,477	Mar. 27	5080	1077-8	121	1260
Carbureter.	W. and J. Brown.	817,218	Apr. 10	1331	278	121	1714
Carbureter.	E. E. Shies.	817,592	Apr. 10	2073	437	121	1868
Carbureter.	C. B. Harris.	817,641	Apr. 10	2159	458	121	1886
Carbureter.	J. C. Lewis.	817,721	Apr. 10	2296	494	121	1918
Carbureter.	A. S. Comstock.	817,903	Apr. 17	2710	588	121	2064
Carbureter.	C. Stute.	817,941	Apr. 17	2785	603	121	2082
Carbureter.	N. J. Verret and J. Palmer.	818,207	Apr. 17	3311	707-8	121	2195
Carbureter.	G. Tresenreuter.	818,397	Apr. 17	3689	792	121	2274
Carbureter.	L. Renault.	818,853	Apr. 24	4623	992	121	2530
Carbureter.	H. A. Burch.	820,036	May 8	2065	451	122	523
Carbureter.	M. D. Colbath.	820,554	May 15	3114	671	122	814
Carbureter.	P. H. Brennan.	821,081	May 22	4224	898	122	1118
Carbureter.	A. Akeson.	823,382	June 12	2320	486	122	2281
Carbureter.	T. McCormick.	825,336	July 10	1297	273	123	356
Carbureter.	J. E. M. Briest.	826,531	July 24	3776	782-3	123	1004
Carbureter.	J. P. Kemp.	826,787	July 24	4276	890	123	1135
Carbureter.	O. H. Hinds.	826,936	July 24	4567	951	123	1206
Carbureter.	W. W. Grant.	827,094	July 31	4905	1023	123	1302
Carbureter.	R. S. Lawrence.	827,643	July 31	6117	1271	123	1605
Carbureter.	A. W. and W. K. Menns.	828,228	Aug. 7	1055	222	123	1927
Carbureter.	H. B. Cornish.	828,274	Aug. 7	1148	241	123	1949
Carbureter.	T. H. Glasscoe.	828,284	Aug. 7	1190	248-9	123	1963
Carbureter.	A. Peterson.	828,334	Aug. 14	1302	275	123	2017
Carbureter.	W. D. Lanard.	828,940	Aug. 21	2502	530	123	2356
Carbureter.	A. W. Menns.	829,345	Aug. 21	3354	706	123	2570
Carbureter.	J. F. Duryea and W. M. Remington.	832,183	Oct. 2	331	61-2	124	1293
Carbureter.	J. F. Duryea and W. M. Remington.	832,184	Oct. 2	335	62	124	1294
Carbureter.	V. Morrison.	832,330	Oct. 2	633	121	124	1365
Carbureter.	J. A. Carlson and W. H. Shimpf.	832,532	Oct. 2	1022	205	124	1458
Carbureter.	W. H. Hooper.	832,547	Oct. 2	1051	211	124	1466
Carbureter.	J. C. Smith.	834,029	Oct. 23	4252	902	124	2378
Carbureter.	R. H. Gray.	834,614	Oct. 30	5451	1157	124	2725
Carbureter.	C. O. Williams.	834,697	Oct. 30	5614	1191	124	2768
Carbureter.	A. Clément.	835,880	Nov. 13	1961	415	125	534
Carbureter.	F. A. Heath.	836,764	Nov. 27	3726	794	125	1053
Carbureter.	F. J. Wright.	836,795	Nov. 27	3804	810	125	1075
Carbureter.	J. M. Kelley.	838,719	Dec. 18	2860	616	125	2150
Carbureter.	M. D. Compton.	839,116	Dec. 25	3636	784	125	2384
Carbureter.	F. A. Biehn.	839,707	Dec. 25	4827	1031-2	125	2676
Carbureter. Air-	W. E. Garvey.	839,375	Aug. 21	3420	720	123	2585
Carbureter and igniter for hydrocarbon-engines.	A. B. Goodspeed.	808,915	Jan. 2	583	129	120	128
Carbureter. Explosive-engine.	J. H. Johnston.	815,712	Mar. 20	3484	728	121	868
Carbureter. Explosive-engine.	J. B. D. M. Malezieux.	825,608	June 19	2783	589-90	122	2440
Carbureter for explosive-engines.	W. J. Steinbrenner and G. J. Mayer.	825,485	June 12	2529	530-1	122	2326
Carbureter for explosive-engines.	J. B. and J. B. Dunlop, Jr.	831,547	Sept. 25	3312	695	124	925
Carbureter for explosive-engines.	J. B. Cook.	838,085	Dec. 11	1621	350	125	1802
Carbureter for explosive motors or engines.	H. C. Doman.	817,051	Apr. 3	1060	204	121	1580
Carbureter for gasoline-engines.	R. A. Middleton.	822,681	June 5	903	185	122	1229
Carbureter for hydrocarbon-engines.	C. H. Claudel.	811,618	Feb. 6	163	36-7	120	1521
Carbureter for petroleum-motors.	F. Charron and L. Girardot.	816,846	Apr. 3	591	123	121	1480
Carbureter. Gas-engine.	T. L. and T. J. Sturtevant.	825,499	July 10	1677	350	123	453
Carbureter. Hydrocarbon-engine.	W. Kouns.	812,753	Feb. 13	2465	541	120	2066
Carbureter. Hydrocarbon-engine.	A. A., F., and G. Longuemare.	820,583	May 15	3165	682	122	826
Carbureter. Hydrocarbon-engine.	H. E. Coffin.	831,832	Sept. 25	3887	815	124	1076
Carbureting air and other gases. Automatic apparatus for	E. Bouchaud-Praceiq.	835,745	Nov. 13	1695	361	125	471
Carbureting apparatus.	M. Steel.	816,267	Mar. 27	4627	982	121	1165
Carbureting apparatus. Gas-	L. C. Parker.	838,805	Dec. 18	3034	654	125	2191
Card-case.	W. C. Dunwell.	811,489	Jan. 30	5797	1213	120	1415
Card-case.	H. C. Armstrong.	839,253	Dec. 25	3914	842	125	2454
Card case or holder.	S. S. Fox.	839,745	Dec. 25	4913	1050	125	2697
Card. Coin-	F. W. Stack.	823,817	June 19	3177	672	122	2527
Card. Game-	C. Warne.	814,996	Mar. 13	1977	416	121	485
Card-holder.	H. L. Franke.	814,438	Mar. 6	895	184	121	195
Card-holder.	D. E. Hunter.	818,090	Apr. 17	3067	661	121	2142
Card-holding device. Show-	G. P. Kato, Jr.	833,743	Oct. 23	3492	745	124	2194
Card holding or display device.	I. E. Weil.	814,101	Mar. 6	198	40	121	43
Card-mounting.	C. C. Harper.	812,993	Feb. 20	2940	648	120	2216
Card or check receiver.	J. C. Tutt.	813,468	Feb. 27	3902	855	120	2481
Card. Order-	R. W. Bailey.	813,764	Feb. 27	4465	986	120	2604
Card-playing stand.	L. Healy.	826,783	July 24	4272	888	123	1134
Card. Record or index.	C. W. Gremple.	834,294	Oct. 30	4834	1022	124	2570
Card-reproducing machine. Pattern-	A. D. Moniot.	817,792	Apr. 17	2473	529	121	2011
Card-serving machine.	C. F. Frain.	831,851	Sept. 25	3931	822	124	1087
Card support. Jacquard-	A. J. Lagasse.	824,491	June 26	4491	951	122	2867
Cards, &c. Device for holding.	W. E. Ellis.	828,542	Aug. 14	1715	361	123	2124
Cards. Piano machine-head for punching jacquard-	V. E. Royle.	811,176	Jan. 30	5220	1091-2	120	1232
Cards. Playing-	J. H. Noonan.	816,119	Mar. 27	4342	919	121	1103
Cards. Playing-	B. Cadwallader.	821,781	May 29	5618	1197	122	1483
Cards. Playing-	W. S. James.	832,674	Oct. 9	1324	267	124	1572
Cardboard box.	F. W. Boynton.	814,264	Mar. 6	516	107	121	111
Cardboard box.	F. W. Boynton.	829,567	Aug. 28	3846	816	123	2739
Cardboard. Chain-machine for the manufacture of corrugated	C. Thiebaut.	810,891	Jan. 23	4641	967-8	120	1133
Cardboard cutting machine. Oval and round	D. T. McCall.	822,976	June 12	1478	308	122	2097

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cardboard, sheet metal, wood, &c., with paper, &c. Contrivance for covering	F. E. Jagenberg.....	813,708	Feb. 27	4368	963	120	2584
Carding-engine condenser	E. Berger.....	830,290	Sept. 4	794	162	124	199
Carding-machine	J. J. Rae.....	810,171	Jan. 16	3138	649	120	770
Carding-machine feeding mechanism	P. L. McBride.....	812,863	Feb. 20	2684	592	120	2160
Carding-machine lap-feeding device	C. Schofield and I. Reeder.....	818,302	Apr. 17	3500	751	121	2235
Carline and manufacture	E. I. Dodds.....	836,370	Nov. 20	2915	618	125	819
Carline and manufacture	E. I. Dodds.....	836,371	Nov. 20	2916	618	125	820
Carousel	J. C. Reckweg.....	834,166	Oct. 23	4557	967	124	2456
Carousel	H. H. Pattee.....	835,864	Nov. 13	1929	407	125	527
Carousel	D. W. Sharkey.....	837,890	Dec. 4	1203	267	125	1653
Carousel or merry-go-round	J. Bevington.....	828,636	Aug. 14	1893	398	123	2170
Carousel. Water	A. Pusterla and P. Testi.....	821,060	May 22	4170	887	122	1106
Carpenters' benches. Work-support for	J. Behringer.....	834,703	Oct. 30	5630	1194	124	2772
Carpenter's brace-head	A. D. Leblanc.....	811,305	Jan. 30	5473	1141	120	1348
Carpenter's implement or tool	C. D. Campbell.....	815,064	Mar. 13	2126	448	121	519
Carpenter's jack	I. E. Wyer.....	822,093	May 29	6207	1323	122	1616
Carpenter's tool	W. C. Hause and F. M. Marlin.....	818,958	Apr. 24	4813	1035	121	2572
Carpenter's tool. Combined	C. M. Howg.....	833,133	Oct. 9	2228	470	124	1794
Carpet-cleaner. Pneumatic	J. L. Chesnutt.....	824,683	June 26	4862	1036	122	2946
Carpet cleaning and disinfecting machine	E. A. Thomas.....	815,987	Mar. 27	4053	858-9	121	1039
Carpet-cleaning device	C. D. Westman.....	838,290	Dec. 11	2047	441	125	1905
Carpet-cleaning device	C. W. E. Boegel.....	838,943	Dec. 18	3270	707	125	2246
Carpet-cleaning machine	H. W. Strasshoefer.....	821,764	May 29	5588	1190-1	122	1476
Carpet-cutter and the like	N. W. Aldous.....	820,692	May 15	3362	720	122	866
Carpet-cutting machine	R. E. and W. A. Dube.....	814,947	Mar. 13	1877	394	121	466
Carpet-cutting machine	W. H. Tschantz.....	815,491	Mar. 20	3035	633	121	769
Carpet fabric	C. C. Stewart.....	824,045	June 19	3616	770	122	2622
Carpet-fastener	W. Kernochan.....	820,502	May 15	3009	647	122	791
Carpet fastener. Stair	F. W. Wright.....	828,008	Aug. 7	642	131	123	1829
Carpet fastener. Stair	L. A. Louden.....	828,673	Aug. 14	1963	413	123	2187
Carpet-fastening	G. W. Voelkle.....	813,845	Feb. 27	4646	1027-8	120	2644
Carpet holder. Stair	H. Westminster.....	815,391	Mar. 20	2856	593	121	728
Carpet-holding frame	G. W. Stickle.....	833,901	Oct. 23	3866	821	124	2288
Carpet or rod holder. Stair	D. Baltzer.....	827,073	July 31	4866	1014	123	1292
Carpet-stretcher	S. J. Wever.....	809,545	Jan. 9	1890	393	120	449
Carpet-stretcher	E. S. Carothers.....	812,405	Feb. 13	1802	394	120	1932
Carpet-stretcher	E. Poirot.....	834,535	Oct. 30	5278	1122	124	2683
Carpet-sweeper	W. H. Emmert.....	818,755	Apr. 24	4438	951	121	2492
Carpet-sweeper	H. W. Ru Ton.....	822,631	June 5	809	164	122	1905
Carpet-sweeper	O. H. Sawdy.....	833,343	Oct. 16	2679	564	124	1955
Carpet-sweeper	F. King.....	837,936	Dec. 11	1297	284-5	125	1718
Carpet-sweeper	L. P. Halladay.....	838,620	Dec. 18	2682	575	125	2105
Carpets, rugs, and such like. Machinery for cleaning or renovating	J. M. Collins.....	826,017	July 17	2725	564	123	728
Carriage and cradle. Folding baby	I. Andrews.....	810,247	Jan. 16	3311	686-7	120	806
Carriage. Baby	F. H. Rodrigues.....	831,571	Sept. 25	3358	706	124	936
Carriage-body corner construction	J. P. Johnson.....	812,207	Feb. 13	1405	305	120	1846
Carriage-bow filler and support	H. W. Cole.....	830,412	Sept. 4	1037	216	124	256
Carriage. Child's	M. and C. R. Piercy.....	812,447	Feb. 13	1876	413	120	1948
Carriage. Child's	S. D. Butterworth, Jr.....	824,622	June 26	4748	1011-12	122	2923
Carriage. Child's folding	W. H. Barker.....	812,323	Feb. 13	1641	361	120	1899
Carriage. Child's folding	G. H. Pond.....	825,481	July 10	1619	337-8	123	440
Carriage. Collapsible baby	A. Stein.....	821,896	May 29	5831	1240-1	122	1530
Carriage-curtain	C. W. Schreiter.....	820,264	May 8	2525	547	122	625
Carriage-curtain fastener	L. J. Luckhaupt.....	812,661	Feb. 13	2292	499	120	2031
Carriage-curtain fastener. Self-adjusting	J. F. Wildgen.....	838,486	Dec. 11	2413	524	125	1996
Carriage-curtain knob	F. A. Neider.....	819,158	May 1	237	50	122	59
Carriage. Folding baby	A. B. Todd.....	818,487	Apr. 24	3847	827	121	2363
Carriage. Folding baby	N. Kalli.....	836,505	Nov. 20	3182	674	125	885
Carriage-prop stop or rest	W. J. Baker.....	837,998	Dec. 11	1426	310	125	1751
Carriage running-gear. Baby	K. I. Faust.....	819,694	May 1	1301	283	122	292
Carriage shift-frames. Lateral lock for	C. Roderick.....	829,089	Aug. 21	2803	589	123	2433
Carriage. Shifting-seat	C. Wesp.....	821,910	May 29	5861	1246	122	1538
Carriage-spring antivibration device	A. Mans.....	815,188	Mar. 13	2394	499	121	579
Carriage spring. Child's	W. Diemer.....	821,472	May 22	5002	1063	122	1291
Carriage-top	C. H. Gill.....	810,932	Jan. 30	4742	989	120	1190
Carriage-top	W. H. Jay.....	839,768	Dec. 25	4954	1058	125	2708
Carriage-top iron	H. Smith.....	837,138	Nov. 27	4501	955	125	1243
Carriage-top spring	A. G. Paine.....	838,445	Dec. 11	2333	506	125	1977
Carriage-top stop	W. L. Smith.....	824,679	June 26	4851	1034	122	2945
Carpets. Sled-runner for baby	L. D. O'Rourke.....	835,287	Nov. 6	820	171	125	208
Carrier							
See Amalgam-carrier.	Package-carrier.						
Automatic carrier.	Package and the like						
Barrel-carrier.	carrier.						
Book-carrier.	Parcel-carrier.						
Cash-carrier.	Photographic-plate						
Draft-rigging carrier.	carrier.						
Egg-carrier.	Pick-carrier.						
Electric carrier.	Pipe-carrier.						
Elevated carrier.	Pneumatic-tube car-						
Feed and litter carrier.	rier.						
Fender-carrier.	Pole-carrier.						
Filling-carrier.	Poultry-carrier.						
Fleece-carrier.	Reel-carrier.						
Freight-carrier.	Rope-carrier.						
Fruit-carrier.	Rotary carrier.						
Gamo-carrier.	Semen-carrier.						
Hay-carrier.	Shaft-carrier.						
Litter-carrier.	Target-trap carrier.						
Log-carrier.	Tile-laying carrier.						
Luggage-carrier.	Trace-carrier.						
Mail-carrier.	Wire-carrier.						
Manure-carrier.							
Carrier	D. G. Lyman.....	813,160	Feb. 20	3278	721	120	2290

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Carrier.....	O. Johnson.....	816,473	Mar. 27	5072	1076	121	1258
Carrier.....	V. Filteau.....	817,842	Apr. 17	2569	553	121	2033
Carrier.....	G. Fink and C. J. Carlson.....	834,896	Nov. 6	40	8	125	13
Carrier.....	A. P. Boyer.....	835,780	Nov. 13	1771	377	125	488
Carrier.....	A. Klinzing.....	837,306	Dec. 4	62	17	125	1369
Carrier.....	W. Mitchell.....	837,944	Dec. 11	1312	288	125	1722
Carrier mechanism.....	L. C. Kahl.....	808,758	Jan. 2	270	58	120	62
Carrier system.....	J. O. Raymond.....	821,963	May 29	5966	1271	122	1560
Carrier system.....	J. A. Suerth.....	823,822	June 19	3186	674	122	2530
Carrying-handle.....	J. Strauss.....	821,967	May 29	5974	1273	122	1561
Cart.....	J. A. Watt.....	816,627	Apr. 3	169	36	121	1398
Cart.....	J. I. Vaile.....	818,205	Apr. 17	3308	707	121	2195
Cart. Dump.....	L. H. Young.....	835,999	Nov. 13	2157	462	125	581
Cart. Dumping.....	H. S. Long.....	814,059	Mar. 6	118	23	121	27
Cart. Dumping.....	J. Guiry.....	831,428	Sept. 18	3064	649	124	825
Cart. Dust.....	H. Freise.....	822,265	June 5	79	16	122	1746
Cart. Logging.....	M. E. Spears.....	808,881	Jan. 2	507	110	120	114
Cart or wagon.....	S. Constable.....	832,240	Oct. 2	457	84-5	124	1323
Cart. Road.....	E. P. Hollister.....	818,963	Apr. 24	4818	1037	121	2574
Cart. Self-loading.....	R. C. Menzies.....	810,547	Jan. 23	3978	820	120	900
Cart. Snow loading and dumping.....	C. G. Ottersten.....	827,657	July 31	6142	1276	123	1613
Cart. Street-sweeper's.....	G. Focht.....	808,739	Jan. 2	235	51	120	54
Carton.....	W. B. Howe and F. B. Davidson.....	825,539	July 10	1760	370-1	123	472
Carton and display device.....	F. C. Ely.....	835,155	Nov. 6	566	115	125	144
Carton and gauze cap. Combination.....	C. R. Lindsay, Jr.....	826,949	July 24	4585	954	123	1210
Carton-making-machine attachment.....	R. Sunderman.....	816,273	Mar. 27	4639	984	121	1167
Carton or package.....	T. H. Anderson.....	831,760	Sept. 25	3746	784	124	1042
Cartons. Apparatus for the manufacture of moisture-proof.....	H. G. Eckstein.....	814,122	Mar. 6	245	46	121	55
Cartridge.....	A. H. Emery.....	811,910	Feb. 6	722	157-8	120	1637
Cartridge.....	H. F. Clark.....	819,518	May 1	956	209	122	214
Cartridge.....	C. A. Bailey.....	827,600	July 31	6015	1251	123	1576
Cartridge.....	F. K. Young and J. E. Sheriff.....	831,132	Sept. 18	2499	527	124	683
Cartridge.....	F. I. Du Pont.....	838,748	Dec. 18	2911	628	125	2162
Cartridge and making same. Explosive.....	F. I. Du Pont.....	837,958	Dec. 11	1344	294	125	1729
Cartridge-belt.....	W. W. Gibson.....	837,824	Dec. 4	1075	240	125	1620
Cartridge. Blank smokeless-powder.....	F. Sparre.....	812,156	Feb. 6	1268	278	120	1748
Cartridge-cleaning apparatus.....	J. H. Hart.....	827,866	Aug. 7	345	73	123	1756
Cartridge-clip.....	O. M. Lissak.....	810,161	Jan. 16	3123	646	120	767
Cartridge clip and holder.....	H. N. Hawley.....	837,929	Dec. 11	1288	282	125	1717
Cartridge-clip-assembling machine.....	O. M. Lissak.....	810,065	Jan. 16	2943	613-14	120	732
Cartridge-conveyer.....	F. K. Young and J. E. Sheriff.....	814,635	Mar. 6	1262	265	121	274
Cartridge-extracting implement.....	W. W. Pierce.....	812,088	Feb. 6	1108	244	120	1714
Cartridge. Firearm.....	F. E. Clotz.....	811,379	Jan. 30	5613	1174	120	1379
Cartridge-loading machine.....	S. B. Kimber.....	813,435	Feb. 27	3838	840-1	120	2465
Cartridges and shells. Priming device for.....	C. A. Bailey.....	838,493	Dec. 11	2424	526	125	1998
Cartridges. Spreader for shot.....	T. G. Bennett.....	814,511	Mar. 6	1024	121	121	223
Carving-machine.....	F. H. Richards.....	824,146	June 26	3785	808-9	122	2717
Carving-machine.....	F. H. Richards.....	824,818	July 3	273	49-50	123	75
Carving-machine.....	F. H. Richards.....	830,529	Sept. 11	1281	265-6	124	344
Carving-machine.....	E. R. Lochman.....	832,136	Oct. 2	225	45-6	124	1268
Carving-machine.....	C. S. Van Acker.....	834,346	Oct. 30	4922	1042-3	124	2592
Case:							
See Bookcase.....	Pencil-case.....						
Burial-case.....	Pipe-case.....						
Card-case.....	Pocket-case.....						
Cigar-case.....	Revolving case.....						
Cigarette and match case.....	Sectional case.....						
Comb-case.....	Sewing-machine bobbin-case.....						
Cracker-case.....	Sewing-machine reel-case.....						
Display-case.....	Sewing-machine thread-case.....						
Exhibition hat-case.....	Shipping-case.....						
Eyeglass-case.....	Show-case.....						
File-case.....	Show or display case.....						
Filing-case.....	Spool and needle case.....						
Gear-case.....	Suit-case.....						
Jewelry-case.....	Syringe-case.....						
Label-case.....	Thermometer-case.....						
Lock-case.....	Ticket-case.....						
Mail-case.....	Tire-case.....						
Map-case.....	Toilet-case.....						
Match-case.....	Watchcase.....						
Medicine-case.....	Writing-case.....						
Needle and thread case.....							
Packing-case.....							
Case.....	J. W. Kirkpatrick.....	838,031	Dec. 11	1496	322	125	1770
Case, bag, portfolio, and the like.....	C. J. Winter.....	830,396	Sept. 4	1007	210-11	124	248
Case-hardening apparatus.....	A. W. Machlet.....	822,460	June 5	437	90	122	1820
Casein-curd drier.....	L. Axtell.....	830,761	Sept. 11	1777	366	124	478
Casein, &c. Manufacture of plastic masses from.....	L. Collardon.....	830,493	Sept. 11	1205	.....	124	327
Casein-picker.....	A. B. Ireland.....	810,655	Jan. 23	4184	864	120	1035
Casein. Precipitating and preserving.....	H. V. Dunham.....	814,594	Mar. 6	1183	.....	121	256
Casein solution and producing same.....	H. V. Dunham.....	821,620	May 29	5290	.....	122	1410
Casement for swinging closures. Tight and noiseless.....	S. W. Funk.....	821,353	May 22	4760	1012	122	1239
Cash-box. Control.....	W. Martin.....	839,398	Dec. 25	4191	898	125	2521
Cash-carrier.....	C. L. Swezey.....	815,130	Mar. 13	2269	475	121	550
Cash-carrier apparatus.....	D. E. Chism.....	820,955	May 22	3941	839-40	122	1057
Cash-carrier. Pneumatic-tube.....	D. S. Hager.....	811,915	Feb. 6	734	160	120	1640
Cash-change-giving device.....	D. G. M. Kenzie.....	829,417	Aug. 28	3494	734-5	123	2650
Cash indicator and recorder.....	J. H. McCormick and J. D. Morrison.....	810,376	Jan. 16	3586	738-40	120	867
Cash-paying shovel.....	B. Landau.....	832,985	Oct. 9	1940	405	124	1718
Cash-recorder.....	I. S. Dement.....	828,021	Aug. 7	665	136-8	123	1835
Cash-recorder.....	F. H. Smith.....	833,424	Oct. 16	2844	603-4	124	1995

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Cash-register.....	W. F. Bockhoff.....	811,761	Feb. 6	417	92-3	120	1577
Cash-register.....	W. F. Bockhoff and E. J. von Pein.	816,066	Mar. 27	4234	897	121	1080
Cash-register.....	F. C. Osborn.....	817,725	Apr. 10	2301	496-7	121	1919
Cash-register.....	J. P. Cleal.....	822,824	June 5	1170	241-2	122	1984
Cash-register.....	L. Cooney, Jr.....	823,511	June 19	2598	547-8	122	2401
Cash-register.....	W. G. Doty.....	823,516	June 19	2617	550	122	2405
Cash-register.....	L. Cooney, Jr.....	823,767	June 19	3086	653-4	122	2506
Cash-register.....	F. C. Osborn.....	824,881	July 3	406	78	123	111
Cash-register.....	E. S. Smith.....	825,493	July 10	1641	342-5	123	445
Cash-register.....	J. P. Cleal.....	833,826	Oct. 23	3687	786-7	124	2242
Cash-register.....	T. H. Blair.....	835,348	Nov. 6	948	202-3	125	239
Cash-register.....	W. F. Bockhoff and E. J. Von Pein.	838,942	Dec. 18	3268	706-7	125	2245
Cash-register and coin-handling device.....	W. H. Muzzy.....	836,818	Nov. 27	3841	818-19	125	1084
Cash register and indicator.....	J. H. McCormick and J. D. Morrison.	810,377	Jan. 16	3599	740-2	120	870
Cash-register. Change-making.....	W. H. Collier.....	823,104	June 12	1763	363-5	122	2160
Cash-register. Check and slip printing.....	J. P. Cleal.....	833,825	Oct. 23	3682	786	124	2240
Cash-register. Check-printing.....	F. C. Osborn.....	831,626	Sept. 25	3465	728	124	964
Cash till and register.....	F. W. Baynes.....	827,779	Aug. 7	182	37	123	1715
Cashiers, registers, and recorders. Keyboard-locking mechanism for mechanical.....	I. S. Dement and F. J. Hull.....	813,360	Feb. 20	3674	805-6	120	2373
Casing-spear.....	F. N. Donaldson.....	824,530	June 26	4558	969	122	2882
Casing-spear. Trip.....	W. H. Kesselman.....	812,569	Feb. 13	2125	466	120	2000
Cask, barrel, drum, and the like.....	A. Mauser.....	820,228	May 8	2441	529	122	607
Cask-manufacturing apparatus.....	O. Kosztovits.....	830,084	Sept. 4	353	71	124	86
Cask. Metal.....	A. Holle.....	820,306	May 8	2607	568	122	643
Cask or tank gage.....	M. A. Rutenber.....	832,164	Oct. 2	295	56	124	1284
Cask or vessel for ignitable or explosive liquids or gases.....	W. Dreyer.....	813,365	Feb. 20	3689	810	120	2375
Cask-repairing device.....	J. Majoros.....	817,980	Apr. 17	2854	618	121	2097
Cask-support.....	G. S. Rominger.....	824,586	June 26	4683	996	122	2909
Casks, barrels, and the like vessels. Apparatus for washing and cleansing lined.....	H. C. Russell.....	833,751	Oct. 23	3505	747-8	124	2197
Casks. Cleansing and coating apparatus of and for the interior of.....	H. Waibel.....	833,356	Oct. 16	2704	570	124	1962
Casket.....	T. F. Combs.....	824,284	June 26	4055	868	122	2775
Casket-fastener.....	F. P. Brining.....	818,224	Apr. 17	3348	717	121	2202
Casket-handle.....	E. R. Sargent.....	810,088	Jan. 16	2977	621	120	739
Casket-handle.....	E. R. Sargent.....	825,558	July 10	1799	380	123	482
Casket handle and socket-plate.....	J. C. Edward.....	816,653	Apr. 3	227	53	121	1410
Casket-lowering device.....	B. F. Stuart.....	828,342	Aug. 14	1318	279	123	2021
Caskets. Canopy-frame for.....	C. E. Richards.....	810,569	Jan. 23	4022	828	120	999
Caskets into inclosing boxes. Apparatus for placing.....	E. F. Gilbert.....	825,046	July 3	720	151	123	193
Cast-off hook.....	R. F. Bartel.....	836,004	Nov. 13	2166	464	125	583
Caster.....	G. E. Neuberth.....	816,177	Mar. 27	4457	943	121	1127
Caster.....	F. F. Bischoff.....	816,211	Mar. 27	4520	959	121	1141
Caster.....	C. Stengel.....	816,269	Mar. 27	4630	983	121	1165
Caster.....	O. Hoffmann.....	818,442	Apr. 24	3773	811	121	2348
Caster.....	J. M. Harper.....	824,422	June 26	4353	926	122	2835
Caster.....	T. and A. E. Bourne.....	824,619	June 26	4744	1010	122	2922
Caster.....	R. Merrick, Jr., and O. E. Miller.....	824,733	July 3	64	13	123	21
Caster.....	T. Alexander.....	831,258	Sept. 18	2743	577	124	743
Caster.....	T. Alexander.....	831,494	Sept. 18	3181	672	124	856
Caster.....	A. B. Diss.....	831,838	Sept. 25	3898	817	124	1079
Caster.....	J. A. Jones.....	832,794	Oct. 9	1568	322	124	1629
Caster.....	A. A. Fisher.....	833,453	Oct. 16	2926	620	124	2013
Caster.....	C. A. Baker.....	835,492	Nov. 13	1232	265	125	355
Caster.....	A. B. Diss.....	838,307	Dec. 11	2072	448	125	1911
Caster attachment for adding-machine stands.....	A. Hendricks.....	823,468	June 12	2478	523	122	2315
Caster. Ball.....	J. Wolfe and G. F. Frech.....	811,467	Jan. 30	5759	1205	120	1408
Caster. Ball.....	C. D. Dunham.....	818,080	Apr. 17	3054	658	121	2139
Caster. Ball-bearing.....	O. C. Knipe.....	811,152	Jan. 30	5165	1079	120	1281
Caster. Ball-bearing.....	J. W. Self.....	816,944	Apr. 3	800	164	121	1536
Caster. Guarded.....	A. F. Hassy.....	823,408	June 12	2364	498	122	2291
Caster. Sheet-metal roller-bearing furniture.....	M. B. Schenck.....	821,750	May 29	5563	1183	122	1470
Caster. Stove-leg.....	H. Landis.....	813,438	Feb. 27	3847	842	120	2468
Caster. Stove-leg.....	W. Peters.....	814,362	Mar. 6	1127	234	121	245
Casters. Chill-mold for.....	T. Alexander.....	839,695	Dec. 25	4804	1027	125	2670
Casting anode-plates. Mold for.....	E. Truswell.....	823,977	June 19	3490	745	122	2595
Casting apparatus.....	J. Beakbane.....	829,566	Aug. 28	3842	816	123	2738
Casting apparatus. Metal.....	A. C. and T. J. Clark.....	818,076	Apr. 17	3041	657	121	2136
Casting brass or other copper alloys into metallic molds.....	J. E. Fowler.....	826,157	July 17	2992	.....	123	793
Casting chilled rolls. Mold for.....	R. H. West.....	830,692	Sept. 11	1627	336-7	124	437
Casting crucible steel. Apparatus for.....	L. E. Howard.....	817,714	Apr. 10	2273	489-90	121	1911
Casting hollow ware. Mold for.....	F. D. Cook and G. A. Conrath.....	813,405	Feb. 27	3775	828	120	2452
Casting-machine.....	E. E. Waite.....	818,927	Apr. 24	4753	1021-2	121	2559
Casting-machine.....	C. H. Bierbaum.....	830,199	Sept. 4	606	122	124	155
Casting-machine. Continuous steel-billet.....	O. Potter.....	814,728	Mar. 13	1472	308-9	121	382
Casting-machine. Ingot.....	J. Illingworth.....	810,654	Jan. 23	4182	864	120	1035
Casting-machine. Line.....	F. C. L. D. Aix.....	834,971	Nov. 6	172	36-8	125	46
Casting-machine. Matrix.....	J. R. Rogers.....	838,905	Dec. 18	3206	692-3	125	2232
Casting-machine. Metal.....	F. De Cardy.....	831,604	Sept. 25	3425	718-19	124	954
Casting-machine. Rotary.....	A. Schiepe.....	836,053	Nov. 13	2242	480-1	125	603
Casting mechanism.....	W. T. Krause.....	815,181	Mar. 13	2381	496-7	121	577
Casting-mold.....	J. M. Dodge.....	818,941	Apr. 24	4778	1027	121	2565
Casting-mold.....	M. R. Cuff.....	826,997	July 24	4675	974	123	1232
Casting mold. Metal.....	J. Janitschek.....	821,718	May 29	5499	.....	122	1455
Casting purposes. Forming molds for.....	J. G. Weyer.....	813,605	Feb. 27	4172	.....	120	2542
Castings. Apparatus for introducing powdered elements into.....	F. G. Wright.....	828,590	Aug. 14	1810	381	123	2149
Castings. Forming.....	W. Brinton.....	816,709	Apr. 3	319	74	121	1431
Castings. Making.....	J. C. Davis.....	839,560	Dec. 25	4527	966	125	2602
Castings. Making patterns for metal.....	A. M. Holstein.....	814,209	Mar. 6	398	80-1	121	87
Castings. Metal mold for making brass.....	F. Hagenjos.....	816,315	Mar. 27	4717	1001	121	1184
Castrating appliance.....	T. Heath.....	825,829	July 10	2366	493	123	624

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Castrating-box.....	O. Neff.....	833,692	Oct. 16	3399	724	124	2124
Cat-guard.....	F. H. Palmer.....	814,984	Mar. 13	1951	410	121	480
Catalalque.....	W. J. Gabryszek.....	811,495	Jan. 30	5805	1215	120	1417
Catalogue, Card.....	H. F. Moses.....	815,110	Mar. 13	2222	467	121	539
Catamenial bandage.....	E. S. Dix.....	811,704	Feb. 6	327	72	120	1558
Catamenial garment.....	S. G. Schiff.....	833,849	Oct. 23	3741	795	124	2256
Catamenial protector.....	C. L. Williams.....	830,757	Sept. 11	1772	365	124	477
Catamenial sack.....	W. M. Longstreth.....	813,221	Feb. 20	3401	749	120	2315
Catamenial sack.....	C. M. Greenwald.....	825,122	July 3	859	178	123	227
Catamenial sack.....	D. A. Powdermaker.....	826,881	July 24	4467	929	123	1180
Catch, Safety.....	O. Lamacchia.....	813,436	Feb. 27	3845	842	120	2468
Catheter, Embalming.....	H. M. Crippen.....	812,020	Feb. 6	995	218	120	1691
Cattle-guard.....	W. D. Linscott.....	810,064	Jan. 16	2943	612-13	120	731
Cattle-guard.....	A. Devan.....	810,328	Jan. 16	3483	720	120	843
Cattle-guard.....	J. L. Friedman and J. Graham.....	811,049	Jan. 30	4967	1035	120	1238
Cattle-guard.....	W. E. Dement.....	812,984	Feb. 20	2926	644	120	2213
Cattle-guard.....	I. Myers and C. Simensen.....	814,863	Mar. 13	1725	361	121	435
Cattle-guard.....	F. O. and G. A. Richter.....	815,379	Mar. 20	2823	588	121	720
Cattle-guard.....	J. W. Gorsuch and D. A. Bogue.....	817,367	Apr. 10	1618	342	121	1774
Cattle-guard.....	F. V. Grimes.....	818,883	Apr. 24	4673	1003	121	2541
Cattle-guard.....	E. R. Kerr.....	824,247	June 26	4000	856	122	2763
Cattle-guard.....	J. M. Lee.....	824,303	June 26	4091	875	122	2782
Cattle-guard.....	J. W. Wyatt.....	827,774	Aug. 7	173	35	123	1713
Cattle-guard.....	H. O. Avent.....	833,108	Oct. 9	2181	458	124	1780
Cattle-guard.....	G. Johnson and J. J. Pinckney.....	835,953	Nov. 13	2087	446	125	564
Cattle-guard.....	L. A. Jungman.....	837,842	Dec. 4	1115	248	125	1631
Cattle-guard.....	M. H. Williams.....	839,245	Dec. 25	3900	839	125	2450
Cattle-guard.....	D. A. Prendergast.....	839,420	Dec. 25	4244	908	125	2535
Cattle-guard, Folding.....	W. R. Holcomb.....	825,969	July 17	2624	545	123	702
Cattle-guard, Railway.....	J. R. Horton.....	826,663	July 24	4044	838	123	1075
Cattle or stock guard.....	W. H. Kennedy.....	813,713	Feb. 27	4376	965-6	120	2586
Cattle-stanchion.....	H. D. Elliott.....	827,221	July 31	5189	1077	123	1377
Cattle-stock.....	B. G. Labachotte.....	836,264	Nov. 20	2717	579	125	772
Ceiling-constructing apparatus.....	G. H. Sherwood.....	834,940	Nov. 6	121	25	125	34
Ceiling-plate.....	E. A. and A. B. Munro.....	815,369	Mar. 20	2807	584	121	716
Ceiling-switch.....	F. L. Fenn.....	839,462	Dec. 25	4327	924	125	2554
Ceiling-switch, Electrical.....	J. G. Swallow.....	830,682	Sept. 11	1956	410	124	524
Ceilings, Apparatus for fixing plaster-work to.....	M. Lau.....	829,532	Aug. 28	3778	802	123	2721
Cell-cases, Machine for making.....	W. B. Sheperd.....	824,155	June 26	3806	812-13	122	2722
Cell, Precipitating.....	W. A. Hendryx.....	834,575	Oct. 30	5360	1137	124	2702
Celluloid-like substances, Producing.....	O. B. Thieme.....	831,488	Sept. 18	3172	.....	124	853
Celluloid, Manufacture of.....	A. Béhal.....	831,028	Sept. 18	2260	.....	124	631
Cellulose.....	J. S. Cochran.....	822,430	June 5	384	.....	122	1808
Cellulose.....	J. S. Cochran.....	822,883	June 5	1292	266	122	2009
Cellulose acetate.....	A. Eichengrün and T. Becker.....	809,935	Jan. 16	2650	.....	120	667
Cellulose acetate, Making.....	A. Corti.....	826,229	July 17	3133	.....	123	825
Cellulose and its manufacture, Product obtained from.....	M. G. Olivier.....	826,351	July 17	3359	.....	123	881
Cellulose compound and making the same.....	R. W. Streblenert and F. Reubold.....	812,098	Feb. 6	1133	.....	120	1719
Cellulose derivative and making the same.....	G. W. Miles.....	838,350	Dec. 11	2151	.....	125	1932
Cellulose of wood into fermentable sugars, Converting.....	A. Classen.....	825,808	July 10	2326	.....	123	613
Cellulose products, Treatment of maize for the manufacture of.....	F. L. Stewart.....	811,524	Jan. 30	5861	.....	120	1429
Cellulose solution.....	E. W. Friedrich.....	813,878	Feb. 27	4709	.....	120	2658
Cellulose threads, Manufacture of lustrous.....	R. Linkmeyer.....	839,013	Dec. 18	3392	.....	125	278
Cellulose threads, Manufacture of lustrous.....	R. Linkmeyer.....	839,014	Dec. 18	3393	.....	125	2279
Cellulose vessels, Apparatus for making.....	W. Glader.....	828,472	Aug. 14	1574	332-3	123	2088
Cement.....	W. Forster.....	830,986	Sept. 11	2175	.....	124	576
Cement and apparatus therefor, Manufacture of hydraulic.....	B. Neuburger and K. Witz.....	834,633	Oct. 30	5489	1165	124	2735
Cement and cement construction, Treating.....	B. Enright.....	815,080	Mar. 13	2154	454-5	121	525
Cement and concrete binder.....	M. Toch.....	813,841	Feb. 27	4641	.....	120	2643
Cement and making same.....	C. T. Inman and H. A. Robinson.....	828,550	Aug. 14	1737	365	123	2130
Cement and making the same, Hydraulic.....	J. A. Yates.....	833,363	Oct. 16	2716	.....	124	1965
Cement and making the same, Slag.....	C. D. Clark.....	811,902	Feb. 6	705	.....	120	1634
Cement and manufacturing same, Magnesium.....	J. A. Shinn.....	816,389	Mar. 27	4915	.....	121	1225
Cement and process, Anhydrous hydraulic.....	W. Jeroch.....	833,390	Oct. 23	3927	.....	124	2304
Cement and the apparatus therefor, Manufacture of hydraulic.....	E. J. Winslow.....	837,169	Nov. 27	4557	.....	125	1256
Cement, Armored.....	B. Enright.....	834,374	Oct. 30	4989	1056	124	2609
Cement block.....	P. Zucco.....	821,569	May 22	5172	1104	122	1326
Cement block and post machine.....	J. M. Woodwiss.....	836,727	Nov. 27	3650	777	125	1032
Cement-block lifter.....	C. O. White and R. Wilcox.....	820,458	May 15	2907	632	122	769
Cement-block machine.....	E. H. Samuelson.....	824,822	July 3	284	51	123	79
Cement-block machine.....	M. Eckley.....	808,643	Jan. 2	45	10	120	12
Cement-block machine.....	F. B. Dysart.....	809,252	Jan. 2	1285	262	120	283
Cement-block machine.....	G. J. Apgar.....	810,019	Jan. 16	2830	585	120	705
Cement-block machine.....	A. Klay.....	815,098	Mar. 13	2193	462-3	121	532
Cement-block machine.....	C. F. Davis.....	816,438	Mar. 27	5000	1062	121	1242
Cement-block machine.....	J. J. Cox.....	820,098	May 8	2204	479-80	122	554
Cement-block machine.....	L. T. Lowe.....	830,157	Sept. 4	507	103-4	124	128
Cement-block machine.....	F. A. Stare.....	830,620	Sept. 11	1472	305	124	395
Cement-block machine.....	O. Johnson.....	831,077	Sept. 18	2391	502	124	662
Cement-block machine.....	W. E. Yeocum and G. G. Cramberg.....	836,426	Nov. 20	3043	646	125	850
Cement-block machine.....	B. Poulson.....	839,418	Dec. 25	4238	907	125	2533
Cement-block machines, Core-cutter for.....	J. W. Stuart.....	812,702	Feb. 13	2370	519	120	2046
Cement-block-making machine.....	B. Poulson.....	813,112	Feb. 20	3183	696	120	2271
Cement-block-making machine.....	E. and J. O. Silva.....	816,613	Apr. 3	147	30-1	121	1394
Cement-block-molding machine.....	R. E. Teets.....	812,615	Feb. 13	2208	481	120	2015
Cement-block-molding machine.....	F. F. Martin.....	816,488	Mar. 27	5102	1081-2	121	1265
Cement-block-molding machine.....	S. L. Wiltse.....	817,684	Apr. 10	2227	477-8	121	1902
Cement blocks and the like, Machine for making.....	W. P. Elmore.....	817,964	Apr. 17	2830	611-14	121	2092
Cement blocks waterproof, Rendering.....	J. M. Rauhoff.....	830,003	Sept. 4	178	.....	124	43
Cement-brick machine.....	F. B. Dysart.....	809,250	Jan. 2	1283	261	120	283
Cement-brick machine, Automatic.....	B. W. Leggett.....	837,938	Dec. 11	1300	285-6	125	1718

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cement-brick-molding machine.....	G. Brown.....	833,953	Oct. 23	3972	843-4	124	2316
Cement-brick press.....	H. B. Murdock.....	809,834	Jan. 9	2441	507-9	120	569
Cement bridge construction. Reinforced.....	O. A. Slater.....	820,743	May 15	3458	741	122	890
Cement building-block.....	G. W. Roberts.....	822,078	May 29	6182	1317	122	1611
Cement building-block.....	J. Layfield and A. V. Crisp.....	836,589	Nov. 20	3341	712	125	922
Cement-building-wall mold.....	A. McCahan.....	814,154	Mar. 6	298	59	121	66
Cement burial-vault.....	G. B. Okey.....	821,185	May 22	4412	939-40	122	1161
Cement. Burning.....	B. E. Eldred.....	829,956	Sept. 4	36	7	124	10
Cement-burning furnace.....	W. E. Snyder.....	816,753	Apr. 3	392	90	121	1446
Cement-burning process and apparatus therefor.....	B. E. Eldred.....	813,627	Feb. 27	4215	927	120	2551
Cement chimney-top.....	S. Bice.....	833,019	Oct. 9	2000	418	124	1734
Cement-cistern mold.....	G. G. Myers.....	828,418	Aug. 14	1459	308	123	2058
Cement cisterns. Extensible dome form for.....	F. R. Keiser.....	824,548	June 26	4609	978	122	2892
Cement clinker. Burning.....	H. L. Doherty.....	820,484	May 15	2964	641	122	781
Cement clinker by flame impingement and apparatus therefor. Burning.....	C. Ellis.....	827,517	July 31	5865	1215	123	1540
Cement-clinker-making apparatus.....	B. E. Eldred.....	829,957	Sept. 4	39	7-9	124	10
Cement compounds. Apparatus for making.....	H. M. Perry.....	837,718	Dec. 4	890	201	125	1576
Cement compounds. Making.....	H. M. Perry.....	837,717	Dec. 4	887	200	125	1575
Cement-construction-block mold.....	M. M. Robertson.....	810,382	Jan. 16	3621	745	120	875
Cement. Elastic.....	C. C. May.....	826,180	July 17	3030		123	802
Cement facing-slab.....	X. Kuzmier.....	833,532	Oct. 16	3073	652	124	2048
Cement-fence-post mold.....	G. H. Terry.....	811,675	Feb. 6	276	61	120	1546
Cement-fence-post-molding machine.....	B. H. McMillan, W. C. Johnson, and F. M. Collord.....	812,767	Feb. 13	2491	547-9	120	2071
Cement for plugging teeth and manufacturing the same. Vitreous.....	J. Rawitzer.....	831,185	Sept. 18	2594		124	706
Cement from blast-furnace slag. Manufacturing.....	H. Colloseus.....	837,918	Dec. 11	1266		125	1711
Cement-kiln.....	T. A. Edison.....	813,490	Feb. 27	3946	865	120	2493
Cement-kiln heat-recuperator.....	C. Ellis.....	812,786	Feb. 13	2528	555	120	2080
Cement-kiln heat-regenerator.....	C. Ellis.....	813,630	Feb. 27	4223	928	120	2553
Cement-kiln. Oscillating.....	B. E. Eldred.....	812,834	Feb. 20	2632	575	120	2148
Cement-kiln. Rotary.....	H. Hitzel.....	815,705	Mar. 20	3466	723-4	121	864
Cement-kilns. Operating.....	H. L. Doherty.....	818,018	Apr. 17	2939	635	121	2116
Cement, &c. Machine for manufacturing pipes or conduits from.....	C. Girardot.....	818,158	Apr. 17	3209	690	121	2173
Cement. Magnesia.....	E. Bidel.....	827,286	July 31	5313		123	1405
Cement-making apparatus.....	R. C. Carpenter.....	815,680	Mar. 20	3411	712-13	121	852
Cement-manufacturing apparatus.....	C. Ellis.....	817,163	Apr. 10	1217	252	121	1690
Cement-manufacturing apparatus.....	C. Ellis.....	825,305	July 10	1229	259	123	338
Cement-mold.....	W. F. McNamire.....	823,963	June 19	3458	739	122	2590
Cement or plastic block molding press.....	C. A. Meyers.....	811,423	Jan. 30	5691	1191-2	120	1393
Cement paving.....	R. Kieserling.....	839,600	Dec. 25	4599	981	125	2620
Cement-pipe mold.....	L. Shell (Reissue).....	12,586	Dec. 25	5013	1070	125	2721
Cement plastering and concrete. Fabric for.....	B. von Busse.....	826,989	July 24	4664	971	123	1229
Cement pole.....	A. G. Crow.....	839,272	Dec. 25	3954	849	125	2462
Cement post.....	L. Christensen.....	817,752	Apr. 17	2370	509	121	1989
Cement post.....	L. H. Stoner.....	836,473	Nov. 20	3125	663	125	869
Cement post for wire fences.....	O. Fleming.....	827,224	July 31	5194	1078	123	1378
Cement-post mold.....	J. T. Wilson.....	823,457	June 12	2462	520	122	2311
Cement-post truss.....	L. Clark.....	810,717	Jan. 23	4296	892	120	1059
Cement posts. Method and machine for forming.....	A. P. Robertson.....	817,670	Apr. 10	2206	471	121	1897
Cement-producing apparatus.....	R. C. Carpenter.....	833,918	Oct. 23	3906	828-9	124	2298
Cement. Production of.....	B. Grau.....	813,965	Feb. 27	4874		120	2691
Cement. Rapid hardening of.....	H. Schneider.....	828,976	Aug. 21	2566		123	2370
Cement. Roofing.....	M. W. Powell.....	838,580	Dec. 18	2602		125	2087
Cement structures waterproof. Making.....	G. H. Liebau.....	825,846	July 10	2397		123	631
Cement-tile machine.....	F. B. Dysart.....	809,251	Jan. 2	1284	261	120	283
Cement-tile machine.....	L. R. Peck.....	819,251	May 1	429	90	122	100
Cements. Composition of matter to be used in making waterproof and polishable.....	Paul O. Krottnaurer.....	827,158	July 31	5060		123	1343
Cements. Manufacture of acid-proof and impermeable.....	R. Liebold. (Reissue).....	12,470	Apr. 3	1183		121	1623
Cementing apparatus.....	G. L. Rollins.....	829,432	Aug. 28	3534	740	123	2661
Cementing-machine.....	W. F. Lautenschlager.....	810,373	Jan. 16	3580	736-7	120	865
Cementing-machine.....	W. L. Marsh.....	829,536	Aug. 28	3785	804	123	2723
Cementing material and its manufacture.....	F. H. Pough.....	839,509	Dec. 25	4432		125	2579
Cementitious binder or liquid glue.....	G. Kelly.....	830,329	Sept. 4	860		124	214
Cementitious bodies. Reinforcing-bar for.....	E. F. Crane.....	820,704	May 15	3385	724	122	871
Cementitious products or artificial stone. Apparatus for making.....	W. E. Jaques.....	829,014	Aug. 21	2643	557	123	2388
Cementitious products or artificial stone. Making.....	W. E. Jaques.....	829,012	Aug. 21	2635	556	123	2387
Cementitious products or artificial stone. Manufacturing.....	W. E. Jaques.....	829,013	Aug. 21	2639	556-7	123	2388
Center-marking device.....	D. A. Labunski.....	837,690	Dec. 4	828	187	125	1560
Center-board.....	D. M. McLean.....	834,840	Oct. 30	5912	1253	124	2843
Centering construction.....	A. L. A. Himmelwright.....	830,150	Sept. 4	496	101	124	125
Centering construction.....	A. L. A. Himmelwright.....	835,524	Nov. 13	1290	277	125	370
Centering device.....	F. L. Cook.....	824,975	July 3	600	120	123	159
Centerless engine.....	W. H. Blodgett and W. E. Miller.....	811,688	Feb. 6	297	66	120	1551
Centrifugal machine.....	E. H. Dutcher.....	813,282	Feb. 20	3511	774	120	2339
Centrifugal machine.....	A. Freitag.....	813,963	Feb. 27	4869	1077	120	2689
Centrifugal machine.....	G. ter Meer.....	815,363	Mar. 20	2798	582	121	714
Centrifugal machine.....	W. E. Andree.....	816,058	Mar. 27	4212	893	121	1075
Centrifugal machine.....	A. J. Ericsson.....	822,196	May 29	6410	1361	122	1662
Centrifugal machine.....	F. Kaehl.....	823,948	June 19	3430	732	122	2584
Centrifugal machine.....	A. Hoffbauer.....	830,230	Sept. 4	669	134	124	169
Centrifugal machine.....	A. J. Ericsson.....	832,047	Oct. 2	40	10	124	1222
Centrifugal machine.....	A. J. Ericsson.....	832,048	Oct. 2	42	10-11	124	1223
Centrifugal machine.....	B. Ljungström.....	837,695	Dec. 4	841	190-1	125	1564
Centrifugal machines. Means for hanging and centralizing overdriven.....	G. Dinkel.....	820,851	May 15	3702	790-1	122	943
Centrifugal machines. Means for hanging overdriven.....	G. Dinkel.....	812,024	Feb. 6	1000	219	120	1692
Centrifugal machines. Speed-controlling mechanism for.....	E. H. Dutcher.....	813,283	Feb. 20	3513	775	120	2339
Centrifugal separator.....	J. J. Berrigan.....	827,903	Aug. 7	403	86-7	123	1770

Alphabetical list of inventions—Continued.

Invention.	Name	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Centrifugal separator.....	W. Holzer.....	832,191	Oct. 2	347	64	124	1297
Centrifugal separator.....	P. K. Nielsen.....	834,018	Oct. 23	4234	898	124	2374
Centrifugal separator.....	J. J. Berrigan.....	834,043	Oct. 23	4279	907	124	2385
Centrifugal separator.....	N. S. Bök.....	834,254	Oct. 30	4757	1006	124	2551
Centrifugals. Driving mechanism for.....	W. L. D'Olier.....	830,474	Sept. 4	1162	243-4	124	287
Ceramic product.....	M. M. Méran.....	827,550	July 31	5930	.....	123	1556
Ceramic ware. Burning.....	B. E. Eldred.....	810,044	Jan. 16	2889	596	120	718
Ceramic ware. Manufacture of glazed or enameled.....	A. Bigot.....	838,496	Dec. 11	2433	.....	125	2001
Cereals. Machine for preparation of.....	R. E. Valentine.....	831,909	Sept. 25	4074	849-50	124	1123
Cereals. Roll for machines for preparing.....	R. E. Valentine.....	831,910	Sept. 25	4077	850	124	1123
Certificate of deposit.....	E. Kimber.....	832,796	Oct. 9	1574	323	124	1631
Chafe-iron.....	C. T. McClelland.....	838,883	Dec. 18	3162	681-2	125	2222
Chafing-iron.....	T. Galvin.....	829,005	Aug. 21	2624	553	123	2385
Chain.....	S. Schisgall.....	809,015	Jan. 2	778	168	120	171
Chain.....	J. M. Joyce.....	809,113	Jan. 2	984	203	120	217
Chain.....	H. A. House.....	816,096	Mar. 27	4296	910	121	1094
Chain.....	C. W. Levalley.....	820,219	May 8	2426	526	122	603
Chain.....	J. A. Waller.....	820,452	May 15	2896	629	122	766
Chain.....	C. W. Levalley.....	823,420	June 12	2386	503	122	2295
Chain.....	F. W. Gillett.....	832,545	Oct. 2	1046	210	124	1465
Chain coupling. Boom.....	A. J. Foucher.....	827,795	Aug. 7	218	43	123	1725
Chain. Detachable drive.....	L. R. Rogers.....	818,469	Apr. 24	3818	821	121	2357
Chain. Detachable-link.....	A. D. Morris.....	813,229	Feb. 20	3412	752	120	2317
Chain. Dredge.....	E. L. Smith and J. M. Sherrerd.....	822,395	June 5	321	66-7	122	1796
Chain. Drive.....	W. H. Gates.....	811,391	Jan. 30	5627	1178	120	1381
Chain. Elastic.....	G. Helps.....	829,009	Aug. 21	2631	555	123	2386
Chain. Extensible.....	E. C. Gipe.....	811,054	Jan. 30	4966	1037	120	1240
Chain-guide for pull-sockets.....	H. Hubbell.....	817,485	Apr. 10	1871	394	121	1826
Chain-hook.....	F. Krämer.....	813,386	Feb. 20	3725	819	120	2383
Chain-hook.....	G. Kernin.....	825,468	July 10	1596	332	123	434
Chain line. Wire.....	C. M. Martin.....	815,849	Mar. 20	3794	801	121	932
Chain-link.....	F. V. Hetzel.....	816,325	Mar. 27	4769	1010	121	1194
Chain-links. Forming helices for.....	I. D. Weaver.....	809,412	Jan. 9	1641	337	120	394
Chain-links. Machine for use in the manufacture of.....	W. Bauermeister.....	838,069	Dec. 11	1595	342	125	1794
Chain-links. Manufacture of helices for.....	I. D. Weaver.....	809,413	Jan. 9	1642	337-8	120	394
Chain-machine splitter-bit.....	T. S. Hardesty.....	817,850	Apr. 17	2583	557	121	2036
Chain-securing device. Logging.....	F. Peikard.....	816,249	Mar. 27	4586	976	121	1155
Chain sling and trip.....	W. E. Cage.....	813,277	Feb. 20	3495	770	120	2335
Chain wrench.....	C. F. Hultgren.....	826,939	July 24	4571	951	123	1207
Chains. Bit-link for.....	R. E. Noble.....	837,246	Nov. 27	4700	997	125	1293
Chains. Die for curbing.....	F. R. Bishop.....	817,618	Apr. 10	2117	448	121	1877
Chair.....							
See Baby-chair.....	Railway-chair.....						
Bent-wood chair.....	Reclining-chair.....						
Child's chair.....	Revolving chair.....						
Folding chair.....	Revolving and reclining chair.....						
Hammock-chair.....	Rocking-chair.....						
High chair.....	Specialist's chair.....						
Lounging-chair.....	Stair-chair.....						
Motor-chair.....	Swinging chair.....						
Opera-chair.....	Theater-chair.....						
Rail-chair.....							
Rail-joint chair.....							
Chair.....	H. H. Hoover.....	809,061	Jan. 2	863	183	120	191
Chair.....	J. E. Hanger.....	809,944	Jan. 16	2674	552	120	673
Chair.....	A. E. Beall.....	816,209	Mar. 27	4517	959	121	1141
Chair.....	J. E. Hanger.....	820,864	May 15	3721	793-4	122	947
Chair.....	A. Wanner, Jr.....	823,146	June 12	1847	381	122	2177
Chair.....	J. Gilson.....	824,714	July 3	35	6	123	13
Chair.....	W. J. Fountain.....	827,225	July 31	5195	1078-9	123	1379
Chair.....	M. F. Schrenkeisen.....	827,398	July 31	5533	1151	123	1460
Chair.....	J. Flindall.....	834,376	Oct. 30	4995	1057	124	2611
Chair.....	J. L. Newell.....	835,976	Nov. 13	2119	455	125	571
Chair adjusting-screw. Revolving.....	H. G. Hunn.....	808,927	Jan. 2	603	132	120	133
Chair and couch. Combined.....	C. S. J. Stevens.....	817,816	Apr. 17	2518	539	121	2021
Chair and step-ladder. Combined.....	A. M. and W. H. Whiteley.....	828,696	Aug. 14	2015	425	123	2200
Chair and trousers-press. Combined.....	G. W. Smith.....	834,083	Oct. 23	4378	931	124	2408
Chair attachment.....	V. M. Hollyday.....	810,277	Jan. 16	3379	699	120	821
Chair attachment.....	A. V. and W. H. Jackson.....	837,570	Dec. 4	573	134	125	1498
Chair attachment. Barber's.....	G. E. Organ.....	819,248	May 1	426	90	122	100
Chair attachment. Barber's.....	W. C. Mueller.....	826,954	July 24	4593	957	123	1212
Chair attachment. Reclining.....	M. Faas.....	811,138	Jan. 30	5141	1074	120	1275
Chair-back. Adjustable.....	M. F. Glennon.....	824,006	June 19	3548	757	122	2607
Chair fanning attachment. Rocking.....	B. Heinerici.....	824,481	June 26	4471	948	122	2862
Chair-guard.....	I. Unger.....	821,388	May 22	4840	1027	122	1255
Chair-hub pattern.....	J. M. Germanson.....	837,297	Dec. 4	46	14	125	1365
Chair-iron.....	H. W. Bolens.....	820,620	May 15	3224	694	122	838
Chair-iron.....	J. E. Gilson.....	821,034	May 22	4126	877	122	1097
Chair-legs for rockers. Machine for shaping.....	H. L. Staley.....	812,461	Feb. 13	1893	417-18	120	1952
Chair-lounge.....	J. Flindall.....	816,084	Mar. 27	4277	907	121	1090
Chair-lounge.....	J. Flindall.....	834,285	Oct. 30	4813	1018	124	2565
Chair-seat.....	V. A. Taylor.....	811,259	Jan. 30	5386	1123	120	1330
Chair-seat.....	G. Kelly.....	830,328	Sept. 4	859	177	124	214
Chair-seats. Hinge-bracket for.....	A. Wanner, Jr.....	819,477	May 1	882	193	122	197
Chair tip. Rocking.....	T. Lynch.....	810,957	Jan. 30	4796	997	120	1202
Chair-truck and self-contained propelling means therefor.....	T. E. Williams.....	838,228	Dec. 11	1918	411-12	125	1875
Chairs. Drawer attachment for.....	H. H. Mallory.....	834,988	Nov. 6	218	47	125	58
Chairs. Protective attachment for infants' high.....	J. Kugel.....	811,933	Feb. 6	798	176	120	1651
Chalk-dust collector.....	J. O. Leslie and J. W. Baldwin.....	829,533	Aug. 28	3780	802-3	123	2722
Chalk-holder.....	F. T. Primus and E. G. Eggleston.....	814,872	Mar. 13	1744	365	121	439
Chalk holder. Cue.....	H. F. and F. E. Neumeyer.....	826,736	July 24	4185	869	123	1109
Chalk-line holder.....	A. N. Crawford.....	833,920	Oct. 23	3912	829	124	2300
Chalk-line. Self-chalking.....	J. E. Dennison.....	837,806	Dec. 4	1044	233	125	1612
Chalking device.....	P. T. Erwin.....	838,395	Dec. 11	2247	486	125	1955
Chance apparatus.....	W. I. Norton.....	829,420	Aug. 28	3510	737	123	2654

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Chandelier.....	W. J. Peterson.....	810,429	Jan. 23	3732	769	120	933
Chandelier attachment.....	H. V. Willman.....	819,107	May 1	147	30	122	37
Chandelier attachment. Electric.....	J. C. Schaefer.....	815,474	Mar. 20	3011	628	121	763
Chandelier. Extension gas.....	W. E. Cotton and L. C. Moor.....	812,549	Feb. 13	2093	459	120	1993
Chandelier. Gas-light.....	M. Hirth.....	814,448	Mar. 6	910	187	121	198
Chandelier-support.....	D. V. Cushman.....	837,286	Dec. 4	29	10	125	1361
Change-maker.....	C. C. Spengler.....	817,530	Apr. 10	1957	413-15	121	1844
Change-maker.....	H. E. Madison.....	826,675	July 24	4070	843-4	123	1083
Change-making machine.....	T. S. Wilker.....	812,160	Feb. 6	1275	279-81	120	1749
Change-making machine.....	J. W. Meaker.....	827,986	Aug. 7	585	119	123	1816
Change-making machine.....	J. N. Warner.....	833,568	Oct. 16	3140	667-71	124	2065
Channel-pin.....	E. W. Vogel.....	822,168	May 29	6359	1351	122	1651
Channel-pins. Machine for manufacturing.....	H. H. Vaughan.....	821,556	May 22	5151	1099	122	1321
Channeling-machine.....	L. F. and A. J. Uthe.....	816,050	Mar. 27	4193	890-1	121	1071
Channeling-machine.....	W. Prellwitz.....	818,558	Apr. 24	4919	862	121	2399
Channeling-machine.....	A. H. Gibson.....	822,597	June 5	741	149-50	122	1891
Channeling-machine.....	W. Prellwitz.....	833,938	Oct. 23	3941	837	124	2308
Charging apparatus.....	T. F. and J. G. Witherbee.....	828,796	Aug. 14	2206	468	123	2250
Charging-machine.....	A. L. J. Queneau.....	813,022	Feb. 20	2998	660	120	2229
Charging or feeding device.....	W. H. Blauvelt.....	818,862	Apr. 24	4636	995-6	121	2534
Chart. Astronomical.....	C. H. Wyman.....	833,433	Oct. 16	2873	609	124	2003
Chart. Dress.....	H. N. Plant.....	815,467	Mar. 20	3001	626	121	761
Chart. Dress.....	J. Buccola.....	831,826	Sept. 25	3880	813	124	1074
Chart or scale. Color.....	A. H. Munsell.....	824,374	June 26	4238	903-4	122	2812
Chart. Skirt-drafting.....	A. F. Schrader and O. McCullough.....	834,762	Oct. 30	5742	1218	124	2800
Charts. Appliance for tracing courses on.....	H. E. S. Holt.....	830,718	Sept. 11	1695	348-9	124	458
Check and tag. Combined.....	J. P. Angell.....	835,385	Nov. 6	1029	220	125	260
Check-back attachment and clamp for teams.....	T. Schmeiser.....	818,792	Apr. 24	4512	964	121	2508
Check canceling or stamping device.....	R. Hampel.....	830,992	Sept. 11	2184	461-2	124	578
Check distributor. Individual.....	J. T. Hicks.....	825,726	July 10	2175	454	123	577
Check holding and cutting device. Conductor's.....	A. D. Joslin.....	822,523	June 5	576	116	122	1853
Check-loop.....	W. C. Ladd.....	808,850	Jan. 2	437	96	120	97
Check-loop.....	W. W. Gleckner.....	824,005	June 19	3547	757	122	2607
Check-loop. Elastic.....	C. A. Cornell.....	831,537	Sept. 25	3284	691	124	916
Check-marker.....	L. Smith.....	819,318	May 1	571	122	122	131
Check perforating and indicating apparatus.....	A. Marsh.....	814,553	Mar. 6	1108	231	121	240
Check-protector.....	C. S. Carrier.....	819,705	May 1	1318	286	122	296
Check-protector.....	S. I. Atwater.....	826,135	July 17	2950	613	123	782
Check-protector.....	C. P. Nutter.....	833,480	Oct. 16	2979	632	124	2027
Check-rower indicator.....	E. Steinmann and H. Schielke.....	822,488	June 5	505	102-3	122	1836
Checking or unchecking device.....	C. J. Castera, Jr.....	821,216	May 22	4472	952	122	1173
Checkrein.....	W. Williamson.....	808,961	Jan. 2	686	149	120	152
Checkrein.....	P. J. Higgins.....	810,336	Jan. 16	3503	722	120	848
Checkrein attachment.....	J. A. McCombs.....	810,214	Jan. 16	3242	671	120	791
Checkrein-fastener.....	C. W. Barrett.....	814,507	Mar. 6	1015	209	121	221
Checkrein-holder.....	H. A. Mikkelsen.....	825,146	July 3	909	192	123	240
Checkrein-hook.....	H. D. McKinney.....	832,149	Oct. 2	264	50	124	1276
Checkrein-loop.....	O. B. Read.....	828,776	Aug. 14	2172	459	123	2240
Cheese-box.....	D. J. Macpherson.....	830,795	Sept. 11	1831	381	124	492
Cheese-box.....	W. S. Beasley.....	837,176	Nov. 27	4571	969	125	1260
Cheese box and cutter.....	M. A. Black and F. F. Sanford.....	837,780	Dec. 4	998	223-4	125	1602
Cheese-cutter.....	F. P. Dunn.....	810,043	Jan. 16	2887	596	120	718
Cheese-cutter.....	J. Halliday.....	816,462	Mar. 27	5042	1071	121	1251
Cheese-cutter.....	R. D. Drummond.....	818,528	Apr. 24	3963	851	121	2387
Cheese-cutter.....	C. W. Bridges.....	819,510	May 1	941	205-6	122	210
Cheese-cutter.....	J. Halliday.....	820,302	May 8	2601	566-7	122	642
Cheese-cutter.....	A. C. La May.....	821,175	May 22	4395	935-6	122	1157
Cheese-cutter.....	A. B. Roach.....	823,138	June 12	1834	378	122	2175
Cheese-cutter.....	A. B. Roach and A. J. Hodge.....	823,227	June 12	2041	424	122	2223
Cheese-cutter.....	A. M. Horne.....	827,018	July 24	4715	983-4	123	1241
Cheese-cutter.....	A. K. Gillespie.....	828,105	Aug. 7	840	173	123	1878
Cheese-cutter.....	W. F. Stimpson.....	828,437	Aug. 14	1501	316	123	2068
Cheese-cutter.....	H. F. Dunn.....	829,391	Aug. 28	3448	725	123	2638
Cheese-cutter.....	H. F. Dunn.....	829,701	Aug. 28	4129	873	123	2806
Cheese-cutter.....	J. H. Osborne.....	835,315	Nov. 6	880	187	125	223
Cheese-cutter.....	J. C. Owen.....	839,632	Dec. 25	4687	1000	125	2640
Cheese-cutter. Automatic computing.....	F. F. Wear.....	819,679	May 1	1263	275-6	122	283
Cheese-cutter. Computing.....	G. P. Louiso and C. H. Hensley.....	812,280	Feb. 13	1562	341	120	1882
Cheese-cutter. Computing.....	C. D. Lender.....	823,689	June 19	2945	623	122	2477
Cheese-cutter. Computing.....	B. W. Sabin.....	824,744	July 3	88	17	123	26
Cheese-cutter. Computing.....	J. H. Osborne.....	835,316	Nov. 6	883	187	125	224
Cheese-cutting machine.....	J. W. Culmer.....	816,713	Apr. 3	324	75	121	1432
Cheese-cutting machine.....	H. Gross.....	827,305	July 31	5346	1109	123	1413
Cheese-holder.....	O. M. Lissak.....	826,790	July 24	4283	890	123	1136
Cheese. Making.....	C. J. Buskist and J. W. Mutter.....	821,334	May 22	4711	.....	122	1225
Cheese-making apparatus.....	J. Harding.....	814,040	Mar. 6	83	15	121	20
Cheese-paraffining machine. Rotary.....	O. O. Amsden.....	815,575	Mar. 20	3194	672	121	803
Cheese-press.....	E. L. McKinnon.....	828,421	Aug. 14	1471	310	123	2061
Chemical-containing vessel.....	A. Pimer.....	829,577	Aug. 28	3861	819	123	2742
Chemical-desks. Ventilating apparatus for.....	L. B. and F. A. Altaffer.....	837,448	Dec. 4	345	81	125	1442
Chenille bindings or trimmings. Machine for making.....	E. P. Eversmann.....	817,965	Apr. 17	2835	614	121	2093
Chenille-machine.....	C. Wiebke.....	822,704	June 5	959	195-6	122	1941
Cheroot-machine.....	J. R. Schmitt.....	809,469	Jan. 9	1750	361	120	418
Cherries or the like. Machine for pitting.....	G. W. Kiefer.....	834,064	Oct. 23	4329	920-1	124	2397
Chess-recorder.....	L. R. Babu.....	810,899	Jan. 30	4664	971-3	120	1172
Chest and desk. Field.....	E. S. Sayer, Jr.....	823,700	June 19	2962	627	122	2480
Chest for mechanics' tools. Carrying.....	N. S. Greve.....	834,721	Oct. 30	5659	1200	124	2779
Chest. Tool.....	E. V. Hill.....	835,616	Nov. 13	1474	315	125	416
Chicken-house. Knockdown.....	J. F. Legg.....	837,937	Dec. 11	1299	285	125	1719
Chicle, gum, or other adhesives. Purifying.....	S. A. Davis and F. V. Canning.....	831,041	Sept. 18	2289	484	124	637
Child's chair.....	W. F. Oliver.....	822,383	June 5	302	62	122	1791
Chime-ringing apparatus.....	A. E. Adriance.....	816,525	Mar. 27	5177	1098	121	1283
Chimney.....	L. Sepulchre.....	819,938	May 8	1800	389	122	466
Chimney.....	C. Weber.....	823,197	June 12	1966	409-10	122	2206

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Chimney.	H. T. Keltie.	835,792	Nov. 13	1796	381	125	498
Chimney-cap.	A. E. Colegrove and S. Reed.	811,764	Feb. 6	427	94	120	1579
Chimney-cap.	E. J. Cochran.	836,014	Nov. 13	2181	467	125	586
Chimney-cap.	J. R. Cochran.	838,523	Dec. 18	2494	540	125	2060
Chimney closure and ventilator.	J. E. Nelson.	836,333	Nov. 20	2852	606	125	805
Chimney-cowl.	C. T. Miller and D. B. Storck.	826,345	July 17	3346	692	123	879
Chimney-cowl.	E. A. Davis.	832,242	Oct. 2	461	85	124	1324
Chimney-cowl.	A. Weber.	834,092	Oct. 23	4398	935	124	2414
Chimney-cowl.	P. E. Lorenzen.	839,163	Dec. 25	3737	807	125	2411
Chimney-cowl.	H. Gutschmidt.	839,475	Dec. 25	4356	932	125	2561
Chimney-cowl. Smoke-conductor.	W. R. A. Ball and R. W. Weaver.	833,151	Oct. 16	2277	478	124	1851
Chimney-flue thimble.	C. C. and N. B. Elliott.	821,933	May 29	5909	1257	122	1548
Chimney-holder.	A. R. Cooper.	809,780	Jan. 9	2354	486	120	550
Chimney-mold.	J. B. Cole.	829,571	Aug. 28	3851	817	123	2740
Chimney. Tent.	R. S. Reid.	837,729	Dec. 4	912	207	125	1582
Chimney-top.	J. F. Spatz.	823,194	June 12	1955	407	122	2203
Chin-support.	C. G. Davis.	837,612	Dec. 4	674	155	125	1522
China-kiln.	J. C. Hinz.	825,651	July 10	2025	423	123	540
Chip-drier.	C. B. Clark.	830,569	Sept. 11	1374	285	124	369
Chip-sorting apparatus.	H. Powers.	824,141	June 26	3774	805-6	122	2714
Chisel. Carpenter's.	W. S. Ward.	816,626	Apr. 3	169	35	121	1398
Chisel. Hollow mortising.	B. C. Rockwell.	824,673	June 26	4842	1033	122	2943
Chisel or hammer. Bush.	J. Campbell.	830,967	Sept. 11	2135	451	124	566
Chisel. Stone-cutter's.	J. W. Fox.	822,205	May 29	6425	1364	122	1665
Chlorate-powder.	C. E. Mathews.	811,941	Feb. 6	817	.....	120	1655
Chlorid. Making stannic.	C. E. Acker.	810,454	Jan. 23	3794	780	120	948
Chlorid. Making stannous.	C. E. Acker.	810,455	Jan. 23	3797	780	120	949
Chloridizing apparatus.	J. E. Greenawalt.	837,560	Dec. 4	556	130	125	1494
Chlorin. Manufacture of.	A. Clemm.	819,410	May 1	760	.....	122	172
Chloroform-dropper.	F. Wächter.	823,233	June 12	2051	426	122	2225
Chock. Mooring and towing.	N. L. Skene.	816,827	Apr. 3	549	117	121	1478
Chocolate creams and the like. Making.	F. J. Winans.	833,102	Oct. 9	2164	455	124	1776
Chocolate-cutter.	L. H. and F. J. Finnegan.	820,633	May 15	3243	697	122	843
Chocolate-dipping machine.	T. Shaffer.	828,520	Aug. 14	1678	353	123	2114
Chocolate-dipping tray.	W. H. Weeks.	828,694	Aug. 14	2011	424-5	123	2200
Chocolate-press.	G. Carlson.	838,841	Dec. 18	3095	667	125	2207
Chocolate tablets or similar articles. Machine for wrapping.	A. Blanc.	815,675	Mar. 20	3396	710	121	849
Chop-grader.	J. S. Jordan.	814,140	Mar. 6	273	54-5	121	60
Chopper.							
<i>See</i> Cotton-chopper.	Food-chopper.						
Culinary chopper.	Meat-chopper.						
Christmas-tree attachment.	A. R. Treichel.	824,603	June 26	4717	1004	122	2916
Christmas trees or the like. Support or stand for.	H. J. Neff.	830,671	Sept. 11	1585	327	124	425
Chromates into bichromates. Converting.	R. Suchy.	838,757	Dec. 18	2930	.....	125	2166
Chronograph.	M. Wildermann and R. L. Mond.	816,767	Apr. 3	427	96-7	121	1452
Chronometer-escapement.	A. Brown.	808,631	Jan. 2	21	5-6	120	7
Chuck.	W. Mason.	810,782	Jan. 23	4421	917-18	120	1087
Chuck.	H. P. Richards.	817,936	Apr. 17	2771	600	121	2079
Chuck.	W. A. Schmid and C. J. Macomber.	820,263	May 8	2524	546-7	122	625
Chuck.	P. A. Whitney and R. C. Ellrich.	821,687	May 29	5434	1157	122	1439
Chuck.	P. A. Whitney and R. C. Ellrich.	821,688	May 29	5435	1157	122	1440
Chuck.	P. A. Whitney and R. C. Ellrich.	821,689	May 29	5437	1158	122	1440
Chuck.	E. A. Noll.	822,977	June 12	1479	308	122	2097
Chuck.	J. F. Buckley, D. C. Kline, and H. Singleton.	823,031	June 12	1605	332-3	122	2127
Chuck.	J. Petrelli.	823,545	June 19	2672	563	122	2416
Chuck.	P. Thomas.	824,085	June 19	3683	784	122	2636
Chuck.	L. A. Wellington.	828,695	Aug. 14	2013	425	123	2200
Chuck.	W. W. Doolittle.	830,498	Sept. 11	1214	254	124	329
Chuck.	W. J. Parsons.	832,412	Oct. 2	792	153	124	1402
Chuck.	H. P. Townsend.	833,351	Oct. 16	2696	568	124	1960
Chuck.	G. Rothenbücher.	834,492	Oct. 30	5211	1107	124	2666
Chuck-actuating mechanism.	B. M. W. Hanson.	814,647	Mar. 6	1286	270-1	121	278
Chuck-actuating mechanism.	B. M. W. Hanson.	826,501	July 17	3699	766	123	973
Chuck. Drill.	C. Gordon.	809,296	Jan. 9	1378	280	120	339
Chuck. Drill.	P. J. Hoenscheid.	811,722	Feb. 6	352	78	120	1564
Chuck. Drill.	T. James.	813,151	Feb. 20	3269	718	120	2288
Chuck. Drill.	H. L. Coit.	813,864	Feb. 27	4685	1035	120	2652
Chuck. Drill.	G. R. Rich.	819,025	Apr. 24	4943	1060-1	121	2601
Chuck. Drill.	S. A. Eiermann.	819,744	May 8	1407	303	122	374
Chuck. Drill.	O. M. Mowat.	824,735	July 3	68	14	123	21
Chuck. Drill.	G. H. Hollm.	829,153	Aug. 21	2963	619	123	2475
Chuck. Drill.	P. McKay.	838,638	Dec. 18	2717	582	125	2114
Chuck for metal-working machines.	B. M. W. Hanson.	814,648	Mar. 6	1291	271-2	121	279
Chuck. Jeweler's.	G. L. Lewis.	839,776	Dec. 25	4973	1061	125	2712
Chuck. Lathe.	G. B. Taylor.	815,877	Mar. 20	3851	815-16	121	943
Chuck. Rock-drill.	T. E. Adams.	817,609	Apr. 10	2102	445	121	1874
Chuck. Rock-drill.	J. S. Harris and J. R. Hoskin.	818,687	Apr. 24	4281	919	121	2457
Chuck. Scroll.	A. E. Church.	823,033	June 12	1609	333	122	2128
Churn.	F. Swallow.	809,031	Jan. 2	800	173	120	177
Churn.	D. Ayers and J. D. Sloan.	809,889	Jan. 9	2540	527	120	592
Churn.	E. W. Turner.	810,688	Jan. 23	4238	878	120	1047
Churn.	J. G. Smith.	811,102	Jan. 30	5045	1055	120	1256
Churn.	J. W. Dowden.	812,190	Feb. 13	1374	298-9	120	1839
Churn.	W. L. Pool.	812,592	Feb. 13	2172	475	120	2008
Churn.	J. F. Mangan.	813,563	Feb. 27	4100	899	120	2527
Churn.	J. D. Forsyth.	814,196	Mar. 6	375	76	121	82
Churn.	L. M. Kridelbaugh.	814,548	Mar. 6	1102	229	121	239
Churn.	H. Garbutt.	814,685	Mar. 13	1399	291	121	366
Churn.	C. W. Lowrey.	815,358	Mar. 20	2729	578	121	710
Churn.	W. F. Talbert.	815,658	Mar. 20	3362	704	121	840
Churn.	F. E. Kronquest.	816,166	Mar. 27	4437	939	121	1123
Churn.	J. C. McColium.	816,732	Apr. 3	354	81	121	1438
Churn.	J. C. McVey.	816,992	Apr. 3	898	186	121	1558
Churn.	F. L. Decker.	817,049	Apr. 3	997	204	121	1580

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Churn.	J. L. Forbes.	817,310	Apr. 10	1515	317-18	121	1750
Churn.	Z. L. Harbin.	818,537	Apr. 24	3976	854	121	2390
Churn.	F. La Bare.	819,290	May 1	516	108	122	119
Churn.	R. H. Garner and K. T. Henley.	820,297	May 8	2593	565	123	640
Churn.	J. W. Willson.	824,164	June 26	3828	817	122	2727
Churn.	E. C. Bain.	828,366	Aug. 14	1367	288	123	2034
Churn.	G. O. Powell.	829,291	Aug. 21	3245	684	123	2542
Churn.	A. P. Basham.	829,317	Aug. 21	3295	695	123	2554
Churn.	C. S. Ryan.	829,433	Aug. 28	3536	741	123	2661
Churn.	W. Sanders.	830,010	Sept. 4	195	34	124	48
Churn.	G. Lake.	830,336	Sept. 4	872	179	124	217
Churn.	P. Diedrich.	830,827	Sept. 11	1891	395	124	507
Churn.	J. Wilson.	835,126	Nov. 6	509	102	125	131
Churn.	L. Soseman.	835,568	Nov. 13	1375	295	125	391
Churn.	A. L. Blalock.	835,846	Nov. 13	1896	401	125	521
Churn.	B. T. M. Pemberton.	838,806	Dec. 18	3035	654	125	2191
Churn.	R. T. Simmons.	839,215	Dec. 25	3848	827	125	2436
Churn and butter-worker. Combined.	F. La Bare and T. J. Howe.	822,674	June 5	892	182	122	1922
Churn and butter-worker. Combined.	G. J. Kaplan.	832,063	Oct. 2	67	16	124	1229
Churn and butter-worker. Combined.	M. F. Stadtmuller.	838,661	Dec. 18	2763	592	125	2126
Churn and cream-whipper. Combination.	S. S. Hitchcock.	813,497	Feb. 27	3964	869	120	2496
Churn and ice-cream freezer. Combined.	D. D. and E. F. Mayfield.	823,612	June 19	2791	591	122	2446
Churn. Butter.	C. M. Runyan.	813,325	Feb. 20	3613	792	120	2359
Churn-cover.	J. C. Hogue.	812,566	Feb. 13	2122	465	120	1999
Churn-cover.	A. D. Matterson.	825,472	July 10	1610	335	123	437
Churn-dasher.	W. L. Hart.	808,743	Jan. 2	247	53	120	57
Churn-dasher.	W. B. Vestal.	819,099	May 1	131	28	122	33
Churn-dasher.	H. A. Bierley.	824,524	June 26	4550	966	122	2881
Churn-dasher.	C. L. Jones.	832,484	Oct. 2	930	182	124	1435
Churn-dasher.	W. E. Wynne.	833,656	Oct. 16	3320	706	124	2107
Churn-dasher.	E. A. Franklin.	835,672	Nov. 13	1571	336	125	440
Churn-motor.	J. M. McBride.	816,353	Mar. 27	4834	1025	121	1208
Churn-operating mechanism.	H. L. Busch.	812,819	Feb. 20	2595	570	120	2140
Churn-operating mechanism.	J. L. Hoyle.	824,424	June 26	4356	927	122	2835
Churn-operating mechanism.	H. Todd.	835,335	Nov. 6	924	195	125	233
Churn-operator.	J. T. Ham.	819,649	May 1	1204	265	122	270
Churn-power.	S. G. Davis.	836,100	Nov. 20	2350	496-7	125	683
Churn-power.	J. W. Oliver.	838,577	Dec. 18	2595	560	125	2085
Churn-power.	I. A. Wesson.	839,349	Dec. 25	4097	880	125	2498
Churn-power mechanism.	H. F. Carrico.	837,606	Dec. 4	662	153	125	1519
Churns, pumps, &c. Motor for.	J. H. Skinner.	812,459	Feb. 13	1891	417	120	1952
Churning apparatus.	C. Y. McCardle and S. N. Davis.	813,732	Feb. 27	4407	972	120	2592
Churning attachment.	I. B. Rosenthal.	815,864	Mar. 20	3828	811	121	938
Churning-machine.	H. L. Van Dusen.	816,621	Apr. 3	161	33	121	1397
Churning-machine.	F. F. Russell.	820,135	May 8	2272	493-4	122	569
Churning-machine.	A. Overbay.	824,575	June 26	4653	989-90	122	2901
Chute. Adjustable stock.	A. E. Starrett.	818,571	Apr. 24	4042	867	121	2403
Chute and gravity-conveyer. Combined.	M. C. Schwab.	826,613	July 24	3965	821	123	1055
Chute. Coal.	J. M. Triggs.	833,352	Oct. 16	2697	568	124	1960
Chute. Gravity.	J. M. Goodwin.	815,285	Mar. 13	2573	541	121	620
Chute. Portable loading.	A. Benenato.	837,602	Dec. 4	650	149	125	1515
Chute. Spiral.	M. C. Schwab.	817,341	Apr. 10	1567	329	121	1762
Chute. Spiral.	W. D. Gray.	834,720	Oct. 30	5658	1200	124	2779
Chute. Stock.	W. S. Gilleland.	820,409	May 15	2808	611-12	122	748
Cider-mill.	E. R. Goings.	818,683	Apr. 24	4270	917	121	2454
Cider-press.	B. Witmer.	816,414	Mar. 27	4962	1054	121	1235
Cigar.	C. F. Zenker.	809,162	Jan. 2	1063	221	120	233
Cigar.	J. Rosales.	829,296	Aug. 21	3255	686	123	2544
Cigar and cigarette holder.	W. R. Hammond.	820,570	May 15	3147	677	122	822
Cigar and cigarette holder.	G. Grice and C. J. Barrow.	820,777	May 15	3524	755	122	904
Cigar and cigarette holder and ash-receiver.	E. Kohn.	838,424	Dec. 11	2300	497	125	1969
Cigar bands or labels. Book, diary, album, &c., for the preservation of.	J. Hill.	818,961	Apr. 24	4817	1036	121	2573
Cigar-box.	J. R. Hinkson.	814,784	Mar. 13	1584	334	121	405
Cigar-branding machine.	B. Liberman.	811,071	Jan. 30	4994	1042	120	1245
Cigar-bunch-handling machine.	W. S. Luckett.	815,359	Mar. 20	2781	579	121	710
Cigar-bunch structures. Apparatus for producing.	O. Hammerstein.	826,028	July 17	2743	567	123	733
Cigar-bunches. Device for the preliminary forming of.	G. J. Prentice.	818,786	Apr. 24	4494	962	121	2503
Cigar-bunching device.	N. Thielen.	809,758	Jan. 9	2306	478	120	540
Cigar-bunching machine.	B. N. Bernman and A. Harris.	813,766	Feb. 27	4469	987	120	2605
Cigar-bunching machine.	A. S. Koch.	817,254	Apr. 10	1402	296-7	121	1729
Cigar-bunching machine.	A. Gordon.	820,968	May 22	3984	846	122	1067
Cigar-bunching machine.	J. King, Sr.	838,624	Dec. 18	2689	577	125	2107
Cigar-bundling machine.	J. King, Sr.	838,625	Dec. 18	2692	577	125	2108
Cigar-case.	M. Niell.	827,558	July 31	5942	1232	123	1559
Cigar-clipper and match-safe.	V. H. Paradis and J. B. Putrow.	810,801	Jan. 23	4457	925	120	1094
Cigar-clipper and match-safe. Combined.	R. O. Hammond.	815,700	Mar. 20	3455	721	121	862
Cigar-container.	S. C. Marum.	816,673	Apr. 3	262	61	121	1418
Cigar-cutter.	N. Du Brul.	816,569	Apr. 3	29	8	121	1360
Cigar-cutter.	F. Ratcliff.	826,504	July 24	4307	895	123	1142
Cigar-cutter.	E. Brunhoff.	828,087	Aug. 7	800	166	123	1868
Cigar-cutter.	J. B. Fellows.	829,199	Aug. 21	3058	641	123	2499
Cigar-cutter.	E. Brunhoff.	831,533	Sept. 25	3278	690	124	914
Cigar-cutter.	W. C. Briggs.	838,298	Dec. 11	2060	444	125	1908
Cigar cutter and lighter.	W. Rooll.	815,219	Mar. 13	2459	512	121	595
Cigar cutter and lighter. Combined.	W. H. Crawford.	809,782	Jan. 9	2357	487	120	551
Cigar-cutter. Double.	J. L. Obermayer.	835,912	Nov. 13	2015	428	125	548
Cigar-cutter, match server and lighter. Automatic.	M. J. Wozniak.	829,048	Aug. 21	2724	572	123	2412
Cigar-filler and preparing same.	O. Tyberg.	827,126	July 31	4967	1036	123	1316
Cigar for asthma.	A. Mendelsohn.	811,942	Feb. 6	817	179	120	1656
Cigar-holder.	J. Gauntlett.	830,061	Sept. 4	301	61	124	73
Cigar-humidifier.	J. S. Conwell.	819,341	May 1	624	432	122	144
Cigar-lighter. Electric.	J. C. Tournier.	831,490	Sept. 18	3175	671	124	854
Cigar-lighter. Electric.	D. Misell.	839,306	Dec. 25	4015	862-3	125	2477
Cigar-lighter igniter.	G. S. Andrews.	832,947	Oct. 9	1872	388	124	1702

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Cigar-machine.....	W. S. Luckett.....	809,384	Jan. 9	1571	320	120	378
Cigar-machine.....	A. Shedlock.....	817,809	Apr. 17	2505	536	121	2018
Cigar-machine.....	H. Knight.....	829,019	Aug. 21	2657	560	123	2392
Cigar-machine cutting mechanism.....	A. G. Woodford.....	817,830	Apr. 17	2546	546	121	2027
Cigar-machines. Wrapper-support for.....	O. Tyberg.....	811,108	Jan. 30	5061	1059	120	1259
Cigar-marker.....	A. Gruenberg.....	820,044	May 8	2085	455	122	528
Cigar-moistener.....	J. S. Winget.....	816,413	Mar. 27	4960	1054	121	1234
Cigar-perforator.....	H. M. Willis.....	826,299	July 17	3254	673	123	855
Cigar-protector.....	F. H. Whomes.....	823,014	June 12	1568	325	122	2119
Cigar retainer and cutter.....	S. P. Miller.....	812,064	Feb. 6	1062	231	120	1705
Cigar-rolling table and wrapper-cutter.....	B. Liberman.....	817,493	Apr. 10	1886	397-8	121	1830
Cigar-tip cutter.....	E. E. Bussey and H. D. Waterhouse.....	814,937	Mar. 13	1855	388	121	463
Cigar-tip cutter.....	L. E. Garrigus.....	819,875	May 8	1673	359	122	438
Cigar-tip cutter.....	E. Walker. (Reissue).....	12,487	May 22	5250	1119	122	1344
Cigar-tip cutter.....	E. Brunhoff.....	828,088	Aug. 7	802	166	123	1869
Cigar-tip cutter.....	C. Hiering and A. Fuller.....	836,037	Nov. 13	2219	475	125	597
Cigar-tip cutter.....	J. L. Wentz.....	837,018	Nov. 27	4255	905	125	1182
Cigar-tip cutter.....	C. Nobs, Jr.....	838,205	Dec. 11	1874	401	125	1866
Cigars and other articles. Apparatus for the treatment of.....	A. Lorber.....	833,233	Oct. 16	2463	515-16	124	1899
Cigars, cigarettes, cigar-fillers, &c. Machine for the manufacture of.....	M. Van Gülpén.....	809,410	Jan. 9	1635	333-6	120	393
Cigarette and making same.....	N. Du Brul.....	818,150	Apr. 17	3196	687	121	2170
Cigarette and match case. Combination.....	G. B. Groesbeck.....	837,466	Dec. 4	380	87	125	1451
Cigarette-filling machine.....	A. G. Katzky.....	832,795	Oct. 9	1569	322-3	124	1629
Cigarette-filling machines. Mold-cleaner for.....	F. J. Ludington.....	832,686	Oct. 9	1348	272-3	124	1576
Cigarette-finishing machine.....	A. L. Boucher.....	832,289	Oct. 2	547	103-4	124	1345
Cigarette-holder.....	W. Durand.....	813,366	Feb. 20	3690	811	120	2376
Cigarette-machine.....	F. F. Anderson.....	811,118	Jan. 30	5081	1062	120	1263
Cigarette-machine.....	W. T. Coalter.....	819,730	May 8	1379	297-8	122	369
Cigarette-machine.....	O. W. Allison.....	829,455	Aug. 28	3609	758-9	123	2680
Cigarette-machine.....	A. L. Boucher.....	831,034	Sept. 18	2276	480-1	124	634
Cigarette-machine.....	J. M. Martinez.....	836,519	Nov. 20	3210	681-5	125	891
Cigarette-making apparatus.....	G. Tickner, Jr.....	828,786	Aug. 14	2186	462-4	123	2243
Cigarette-making device.....	A. E. Buckingham.....	816,150	Mar. 27	4403	930	121	1117
Cigarette-making machine.....	C. de Cazen.....	827,848	Aug. 7	311	65-6	123	1747
Cigarette-making machines. Apparatus for feeding tobacco to.....	B. Baron.....	837,776	Dec. 4	991	222-3	125	1600
Cigarette-making machines. Automatically-regulated feeding apparatus for.....	R. A. Sloan, J. E. L. Barnes, and P. Ogden.....	817,880	Apr. 17	2650	575-7	121	2049
Cigarette-making machines. Conveyer-band for.....	P. Hummel.....	814,908	Mar. 13	1802	377	121	451
Cigarette-roller.....	O. F. Hammar.....	823,217	June 12	2009	418	122	2214
Cigarette-tubes. Machine for making paper mouth-pieces and applying the same to.....	I. Semenoff.....	814,738	Mar. 13	1489	313-16	121	386
Cigarettes. Apparatus for flattening or shaping the sides of.....	L. Aptekman and C. C. O. Van Lennep.....	828,799	Aug. 14	2210	470	123	2251
Cigarettes. Appliance for cutting off and creasing.....	F. J. Ludington.....	808,851	Jan. 2	437	97	120	97
Cigarettes. Machine for making all-tobacco.....	A. H. Randall, Jr.....	812,152	Feb. 6	1250	271-5	120	1745
Cigarettes. Making.....	S. I. Prescott.....	826,800	July 24	4301	894	123	1141
Cinder or slag. Chilling.....	F. K. Hoover and A. J. Mason.....	810,865	Jan. 23	4574	952	120	1120
Cinder or slag chilling apparatus.....	F. K. Hoover and A. J. Mason.....	810,864	Jan. 23	4572	951	120	1119
Cipher code or system.....	D. C. Gurnee.....	831,061	Sept. 18	2345	495-6	124	650
Circuit. Alternating-current pole-changer.....	E. H. Smythe.....	835,870	Nov. 13	1938	410	125	529
Circuit. Automatic-exchange.....	A. M. Bullard.....	838,006	Dec. 11	1437	312	125	1754
Circuit-breaker.....	J. La Cos.....	819,559	May 1	1026	225	122	231
Circuit-breaker.....	E. W. Gough.....	821,586	May 22	5206	1111	122	1334
Circuit-breaker.....	S. Waterbury.....	825,092	July 3	803	167	123	214
Circuit-breaker.....	E. M. Hewlett.....	826,248	July 17	3159	656	123	831
Circuit-breaker.....	S. B. Stewart, Jr.....	832,705	Oct. 9	1382	279-80	124	1585
Circuit-breaker.....	G. Wright.....	837,023	Nov. 27	4266	908	125	1183
Circuit-breaker.....	W. Merrill.....	837,092	Nov. 27	4410	934	125	1221
Circuit-breaker. Automatic.....	D. Hovem.....	820,496	May 15	2985	644-5	122	786
Circuit-breaker. Automatic.....	A. E. Doman.....	837,201	Nov. 27	4608	978	125	1269
Circuit-breaker. Automatic magnetic.....	W. M. Scott.....	827,469	July 31	5740	1189-90	123	1508
Circuit-breaker. Automatic time.....	E. T. Browning.....	817,362	Apr. 10	1608	340	121	1772
Circuit-breaker. Electrical.....	C. F. Hutchings.....	820,421	May 15	2837	618	122	752
Circuit-breaker. High-tension.....	R. H. Read.....	818,290	Apr. 17	3469	747	121	2228
Circuit-breaker. Time-limit.....	E. M. Hewlett.....	832,577	Oct. 2	1106	223	124	1480
Circuit-breaker. Time-limit.....	W. M. Scott.....	839,079	Dec. 18	3522	762-3	125	2312
Circuit-breakers. Interlocking device for.....	C. H. Hill.....	833,210	Oct. 16	2414	505-6	124	1887
Circuit-breaking apparatus.....	F. P. De Wilde.....	815,074	Mar. 13	2142	452	121	522
Circuit-breaking device.....	C. R. Dowler.....	835,411	Nov. 6	1086	234	125	274
Circuit-breaking mechanism.....	W. S. Mayer.....	825,144	July 3	899	190	123	237
Circuit-closer.....	W. B. Bielak and B. W. Belock.....	833,152	Oct. 16	2278	478	124	1851
Circuit-closer. Automatic.....	T. W. Benson.....	837,178	Nov. 27	4573	970	125	1260
Circuit-closing. Thermostatic.....	C. L. Walker.....	834,952	Nov. 6	145	29	125	40
Circuit-closing mechanism.....	T. W. Small.....	839,216	Dec. 25	3850	827	125	2437
Circuit-controller.....	R. Varley.....	808,957	Jan. 2	678	147-8	120	150
Circuit-controller.....	J. P. Pool.....	836,827	Nov. 27	3856	822	125	1088
Circuit-controller. Automatic.....	R. Varley.....	837,597	Dec. 4	642	148	125	1513
Circuit-controlling apparatus.....	R. D. Mershon.....	816,112	Mar. 27	4331	917	121	1101
Circuit-controlling device. Automatic.....	R. F. Spamer.....	828,687	Aug. 14	1993	420	123	2195
Circuit-controlling keyboard apparatus.....	P. B. Delany.....	836,307	Nov. 20	2805	595	125	796
Circuit interrupter. Electrical.....	H. Besser.....	827,781	Aug. 7	185	38	123	1716
Circuit maker and breaker.....	C. J. Klein.....	829,162	Aug. 21	2982	624	123	2479
Circuit-protective device.....	D. C. Jackson.....	835,025	Nov. 6	301	65	125	78
Circuits. Making and breaking high-potential.....	E. M. Hewlett.....	816,468	Mar. 27	5059	1074-5	121	1255
Circuits. Protective device for alternating-current.....	L. Andrews.....	833,194	Oct. 16	2373	497	124	1876
Circuits. Switch or circuit-breaker for high-potential.....	E. W. Rice, Jr.....	812,880	Feb. 20	2717	598-9	120	2167
Circuits. Transfer-switch for testing.....	J. S. Whitaker and H. P. Wood.....	815,993	Mar. 27	4067	861	121	1041
Cistern.....	W. O. Wayman.....	821,892	June 19	3211	679	122	2536
Cistern.....	A. P. Eichhorn.....	826,234	July 17	3138	652	123	826
Cistern.....	J. S. Attenhofer.....	833,150	Oct. 16	2276	478	124	1851
Cistern-form.....	E. J. Dunn.....	832,300	Oct. 2	571	108	124	1351

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Cistern-mold.	W. H. Lucas.	815,447	Mar. 20	2967	617	121	754
Cisterns and tanks. Mosquito-guard for.	B. C. Mire.	818,389	Apr. 17	3666	787	121	2269
Cisterns, catch-basins, &c. Means for guarding openings into	H. J. Birkenkamp.	830,700	Sept. 11	1659	340	124	448
Cisterns, &c. Top and cover for.	H. E. Olbrich.	830,920	Sept. 11	2052	432	124	546
Clamp:							
<i>See</i> Bed-clamp.	Pile and like clamp.						
Bedclothes-clamp.	Pipe-clamp.						
Belt-clamp.	Plumber's clamp.						
Bench-clamp.	Pump-rod clamp.						
Book-support clamp.	Railway-rail clamp.						
Box-lid clamp.	Receptacle-clamp.						
Brick-clamp.	Reel-clamp.						
Cable-clamp.	Register-clamp.						
Collar-clamp.	Rope-clamp.						
Column-clamp.	Rule-clamp.						
Cord-clamp.	Saw-clamp.						
Dental clamp.	Screw-clamp.						
Drill-clamp.	Sewing-machine clamp.						
Eaves-trough clamp.	Shoe-upper clamp.						
Electrical-conductor clamp.	Soldering-clamp.						
Fence-clamp.	Supporting-clamp.						
Fence-wire clamp.	Test-clamp.						
Fishing-rod reel-clamp.	Timber-clamp.						
Floor-clamp.	Tool-clamp.						
Foundry-flask clamp.	Trolley-pole clamp.						
Guide-clamp.	Trolley-wire clamp.						
Hose-clamp.	Tube-clamp.						
Insulator-clamp.	Type-writer clamp.						
Joint-clamp.	Valve-stem clamp.						
Lens-clamp.	Well-tubing clamp.						
Mail-bag clamp.	Wire-clamp.						
Meat-holding clamp.	Woodworker's clamp.						
Miter-clamp.	Woodworking-clamp.						
Clamp.	E. R. Wingate.	808,708	Jan. 2	163	37	120	37
Clamp.	P. F. Denning.	808,731	Jan. 2	222	47	120	51
Clamp.	J. Wrigley.	809,882	Jan. 9	2530	525	120	590
Clamp.	H. A. Knoke.	810,543	Jan. 23	3971	818	120	988
Clamp.	J. J. Stevens.	812,699	Feb. 13	2366	518	120	2045
Clamp.	M. L. Bloomberg.	814,898	Mar. 13	1788	374	121	448
Clamp.	J. E. White.	819,259	May 1	445	94	122	104
Clamp.	A. O. Jones.	819,887	May 8	1703	365	122	445
Clamp.	W. Schnurr.	822,775	June 5	1079	222	122	1965
Clamp.	F. E. Walden.	823,748	June 19	3045	644	122	2497
Clamp.	D. Swope.	823,903	June 19	3345	713	122	2565
Clamp.	A. Anderson.	825,171	July 3	965	203	123	252
Clamp.	G. H. Anderson.	830,128	Sept. 4	460	93	124	116
Clamp.	G. A. Taft.	831,486	Sept. 18	3169	671	124	853
Clamp.	E. R. Erickson.	831,845	Sept. 25	3910	820	124	1083
Clamp.	E. R. Erickson.	832,464	Oct. 2	897	173	124	1428
Clamp.	G. Williams.	832,516	Oct. 2	987	198	124	1449
Clamp.	P. Broadbooks.	835,670	Oct. 16	3340	711	124	2112
Clamp.	D. Swope.	835,945	Oct. 23	3952	840	124	2311
Clamp.	J. H. Winters.	835,090	Nov. 6	436	87	125	115
Clamp.	A. F. Bramhall.	835,809	Nov. 13	1838	388	125	508
Clamp-bracket.	E. A. Litts.	818,457	Apr. 24	3800	817	121	2353
Clamp for circular and irregular shapes.	F. A. Spencer.	830,110	Sept. 4	407	83	124	100
Clamping-band.	L. A. Rosier.	815,558	Mar. 20	3166	665	121	796
Clamping device.	A. E. Brown and C. H. Rhodes.	818,227	Apr. 17	3355	719	121	2204
Clamping-jaws. Means for preventing differential movement of	F. Van Amber.	815,988	Mar. 27	4059	860	121	1040
Clamping-tool.	W. A. Fuller.	838,705	Dec. 18	2841	611	125	2145
Clapboard-holder.	E. J. Hebert.	839,142	Dec. 25	3694	797	125	2401
Clarinet attachment.	W. P. Hauerbach.	828,849	Aug. 14	2310	491	123	2275
Clasp:							
<i>See</i> Bag-clasp.	Hame-clasp.						
Book and portfolio clasp.	Hatband-clasp.						
Corset-clasp.	Hose-supporter clasp.						
Garment-clasp.	Hose-supporting clasp.						
Garment-supporter clasp.	Pocket-clasp.						
Tag-clasp.	Tag-clasp.						
Clasp.	I. Steinberg.	813,838	Feb. 27	4637	1025	120	2642
Clasp.	A. E. Bundsen.	814,112	Mar. 6	219	43	121	47
Clasp.	H. Watson.	817,024	Apr. 3	953	196	121	1570
Clasp.	H. C. Frank.	819,534	May 1	985	216	122	221
Clasp.	F. Hirsh.	823,277	June 12	2140	446	122	2244
Clasp.	E. L. Fesler.	824,713	July 3	34	5	123	12
Clasp.	S. Levy.	828,672	Aug. 14	1961	413	123	2187
Clasp.	A. Shedlock.	829,175	Aug. 21	3015	630	123	2487
Clasp.	A. Shedlock.	829,176	Aug. 21	3017	630	123	2488
Clasp.	C. W. Jones.	829,789	Aug. 28	4316	911	123	2853
Clasp.	C. Andresen.	830,759	Sept. 11	1775	366	124	478
Clasp.	F. Teute.	831,197	Sept. 18	2613	550	124	709
Clasp.	G. A. Weld.	831,585	Sept. 25	3383	710-11	124	943
Clasp.	W. Schweitzer.	832,086	Oct. 2	119	26	124	1241
Clasp.	D. O. McHugh.	833,539	Oct. 16	3087	655	124	2051
Clasp.	F. R. Elbert.	836,641	Nov. 20	3439	734	125	944
Clasp.	J. A. Shay.	836,838	Nov. 27	3877	827	125	1093
Clasp.	L. S. Alexovits.	836,957	Nov. 27	4134	882	125	1153
Clasp-loop.	E. Pyle.	831,680	Sept. 25	3608	757	124	1006
Classifier.	C. W. Merrill.	820,934	May 15	3887	829	122	984
Clay articles. Marking implement for green.	E. von Oven.	815,238	Mar. 13	2496	520	121	603
Clay-bin-emptying apparatus.	C. W. Raymond.	812,230	Feb. 13	1453	317-18	120	1857
Clay-cleaning apparatus.	A. Sabroe.	816,747	Apr. 3	380	88	121	1444
Clay-product-burning kiln.	J. T. H. Warwood.	830,386	Sept. 4	988	206-7	124	243

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Clay-product drier.	R. W. Lyle	834,584	Oct. 30	5376	1141	124	2706
Clay products. System and means for drying and burning	R. W. Lyle	812,509	Feb. 13	1987	436-7	120	1971
Clay retort and brick. Fire-	E. C. Hegeler	826,032	July 17	2751		123	734
Clay. Treating.	E. S. Powers	818,287	Apr. 17	3465		121	2227
Clay-working machine.	F. Alsip	815,398	Mar. 20	2876	598	121	733
Clays containing gypsum. Treating.	K. Sakurai	818,124	Apr. 17	3139		121	2158
Clayware. Kiln for burning.	F. W. Butterworth	826,831	July 24	4353	906-7	123	1153
Cleaner:							
See Beer-pipe cleaner.	Kettle-cleaner.						
Boiler-cleaner.	Ore-cleaner.						
Boiler-flue cleaner.	Pelt-cleaner.						
Boiler-tube cleaner.	Phonograph-record cleaner.						
Boot-cleaner.							
Boot and shoe cleaner.	Pipe-cleaner.						
Brush-cleaner.	Pipe-stem cleaner.						
Carpet-cleaner.	Rifle and shotgun cleaner.						
Comb-cleaner.							
Cotton-cleaner.	Sewer-cleaner.						
Cuspidor-cleaner.	Shoe-cleaner.						
Eye-glass-cleaner.	Ship-bottom cleaner.						
Finger-nail cleaner.	Sink-cleaner.						
Flue-cleaner.	Smoke-cleaner.						
Gas-cleaner.	Stovepipe-cleaner.						
Gin-saw cleaner.	Tobacco-pipe cleaner.						
Grain-cleaner.	Tobacco-pipe and tube cleaner.						
Grain-separator-sieve cleaner.	Track-cleaner.						
Harrow-cleaner.	Tube-cleaner.						
Household-cleaner.	Window-cleaner.						
Cleaning and polishing device.	W. J. M. Hames	817,766	Apr. 17	2403	515	121	1996
Cleaning compound.	J. Callahan	810,105	Jan. 16	3012		120	747
Cleaning device.	A. P. Trimm	811,001	Jan. 30	4878	1015	120	1220
Cleaning device.	E. B. Colwell	819,853	May 8	1633	348	122	429
Cleaning device.	C. E. Flynn	834,667	Oct. 30	5553	1179	124	2752
Cleaning device. Tooth-	P. F. Roach	827,121	July 31	4960	1035	123	1314
Cleaning. Dry.	J. Doux	828,644	Aug. 14	1910		123	2174
Cleaning implement. Receptacle.	P. H. Tallman	820,269	May 8	2534	549	122	627
Cleansing apparatus. Pneumatic.	A. E. Moorhead	820,007	May 8	2002	439	122	508
Cleaning-house machine.	J. H. Erickson	824,920	July 3	488	95-6	123	130
Cleat and socket.	C. M. Waite and C. F. Fralick	811,186	Jan. 30	5238	1096	120	1297
Cleat. Scenery.	D. J. Cronin	838,846	Dec. 18	3104	668	125	2209
Clevis.	H. Kruse	821,511	May 22	5073	1080	122	1306
Clevis.	W. E. Burrow	831,600	Sept. 25	3419	717	124	953
Clevis.	W. G. W. B. and J. L. Powell	839,196	Dec. 25	3806	821	125	2426
Clevis for plows. Yielding.	F. M. Rutten	834,412	Oct. 30	5062	1073	124	2626
Clevis. Interlocking.	N. M. Lien	809,511	Jan. 9	1829	378	120	436
Clevis-irons. Making.	W. S. Ward	810,007	Jan. 16	2802	578	120	700
Clevis. Slip.	W. M. Deming	835,666	Nov. 13	1562	334	125	437
Climbing apparatus.	H. Borneman	810,254	Jan. 16	3328	691	120	809
Clinker-catcher.	H. A. Gibbs	824,642	June 26	4787	1020	122	2931
Clinker-extractor.	J. R. Place	827,561	July 31	5948	1233	123	1560
Clinometer.	B. Kern, Jr.	809,699	Jan. 9	2205	457	120	517
Clip:							
See Bottle-clip.	Reaper and mower						
Buckle-clip.	cutter-knife clip.						
Cartridge-clip.	Spring-clip.						
Detector-bar clip.	Surgical clip.						
Hame-clip.	Tentering-machine clip.						
Paper-clip.	Tube-clip.						
Rail-clip.	Wood-clip.						
Clip.	M. E. Nickerson	814,723	Mar. 13	1462	307	121	380
Clip.	F. E. Ladd	814,851	Mar. 13	1708	357	121	431
Clip.	A. E. Glascock	828,205	Aug. 7	1009	210	123	1918
Clip.	C. E. Gardner	828,398	Aug. 14	1420	300	123	2048
Clipper. Hair.	T. W. McNally	818,462	Apr. 24	3809	819	121	2355
Clock.	W. E. Porter	811,324	Jan. 30	5510	1148	120	1356
Clock.	F. M. Clark	814,767	Mar. 13	1549	327-8	121	399
Clock.	A. W. Owen	817,147	Apr. 3	1177	242	121	1621
Clock.	W. E. Porter	817,803	Apr. 17	2494	534	121	2016
Clock.	W. E. Porter	820,669	May 15	3318	711	122	858
Clock.	E. M. Goldsmith	822,598	June 5	744	150-1	122	1892
Clock.	A. D. Gary	824,537	June 26	4581	974	122	2886
Clock.	M. Wortmann	825,875	July 10	2449	511	123	643
Clock.	C. E. Spalding	832,928	Oct. 9	1838	380	124	1694
Clock.	P. G. Giroud	839,578	Dec. 25	4560	972	125	2610
Clock.	W. E. Porter	825,347	July 10	1314	276	123	360
Clock. Alarm.	S. D. Earl	816,903	Apr. 3	707	146	121	1515
Clock and fan. Combination.	H. Giller	812,200	Feb. 13	1393	302-3	120	1843
Clock and money-box. Coin-controlled.	A. J. Hall	826,933	July 24	4564	949-50	123	1205
Clock and savings-bank. Coin-controlled.	G. P. Thurber	822,029	May 29	6082	1296	122	1587
Clock and signal mechanism. Time relay recording.	J. M. King	830,722	Sept. 11	1705	351	124	460
Clock attachment.	E. Terrell	819,950	May 8	1822	393-4	122	471
Clock. Calendar.	G. H. Andrews	817,892	Apr. 17	2677	582-3	121	2055
Clock. Electric.	R. L. Hight	825,833	July 10	2375	495	123	626
Clock. Electric.	U. L. Collins	830,971	Sept. 11	2140	453	124	567
Clock. Electric.	A. F. Poole	834,995	Nov. 6	232	50	125	61
Clock. Electric.	P. G. Giroud	835,516	Nov. 13	1275	273-4	125	366
Clock. Electric.	H. Iversen	839,765	Dec. 25	4948	1057	125	2706
Clock. Electric alarm.	G. C. Darche	815,072	Mar. 13	2139	451	121	522
Clock. Electric alarm.	L. Trede	838,918	Dec. 18	3228	697	125	2237
Clock. Electric program.	A. L. Ronell	816,938	Apr. 3	783	161	121	1533
Clock. Electrically-wound.	A. De Vos	827,218	July 31	5186	1076-7	123	1376
Clock. Electrically-wound.	P. L. Clark	830,473	Sept. 4	1159	243	124	286
Clock. Intermittent-alarm.	W. E. Porter	823,894	June 19	3322	707	122	2560
Clock. Intermittent-alarm.	W. E. Porter	824,205	June 26	3908	835	122	2744

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Clock. Intermittent-alarm.	W. E. Porter.	829,602	Aug. 28	3917	830	123	2756
Clock. Intermittent-alarm.	W. E. Porter.	830,526	Sept. 11	1273	264	124	341
Clock. Intermittent-alarm.	G. L. Goodrich.	830,781	Sept. 11	1810	375	124	486
Clock. Intermittent-alarm.	J. W. Morway.	831,233	Sept. 18	2680	563-4	124	727
Clock mechanism for time-recorders.	W. L. Bundy.	831,498	Sept. 18	3186	674	124	857
Clock-movement.	S. Golombek.	813,644	Feb. 27	4246	933-4	120	2558
Clock or watch wheel.	A. Bannatyne.	819,708	May 8	1334	289	122	360
Clock. Repeating alarm.	W. E. Porter.	809,133	Jan. 2	1017	210	120	224
Clock. Secondary electric.	H. Campiche.	834,708	Oct. 30	5638	1196	124	2774
Clock. Self-winding electric.	M. Menkin.	813,161	Feb. 20	3281	721-2	120	2291
Clock. Self-winding electric.	B. Tropp.	821,140	May 22	4342	923	122	1145
Clock. Shadow.	R. B. Smith.	813,836	Feb. 27	4634	1024-5	120	2642
Clock striking mechanism.	L. L. Volpo.	827,275	July 31	5291	1097	123	1400
Clock. Talking.	C. C. Bishop.	830,200	Sept. 4	612	123	124	156
Clock winding-indicator.	T. J. Arneson.	833,657	Oct. 16	3321	706-7	124	2107
Clock-winding mechanism. Electric.	G. H. Rupley.	832,747	Oct. 9	1469	295-6	124	1607
Clocks and similar instruments. Leveling device for.	O. L. Bonney.	824,525	June 26	4551	966-7	122	2881
Clocks. Printing-ribbon shifter for workmen's time.	C. Kyser and S. McGowan.	831,790	Sept. 25	3806	797	124	1057
Clod-crusher.	J. W. Dalrymple.	816,153	Mar. 27	4410	932	121	1118
Clod-crusher and harrow.	E. C. Abraham.	814,499	Mar. 6	1002	206	121	219
Clod crusher and pulverizer.	E. H. Smith.	835,371	Nov. 6	993	211	125	251
Closet:							
<i>See</i> Dry closet.	Wall-closet.						
Earth-closet.	Water-closet.						
Flushing closet.							
Closet and sink fitting. Combined.	J. L. Fruin.	809,938	Jan. 16	2654	548	120	668
Closet-bowl seat.	J. M. Bryant and J. B. Allen.	812,480	Feb. 13	1932	426	120	1960
Closet for shops and other purposes.	A. E. Brown.	819,406	May 1	750	159	122	170
Closet sanitary device.	A. F. Lester.	827,162	July 31	5065	1055-6	123	1344
Closet-seat. Detachable.	J. T. Baily.	817,731	Apr. 10	2326	500	121	1927
Closet-tank.	F. H. Lindenbergl.	811,937	Feb. 6	808	177	120	1654
Closet-tank.	W. C. A. Vissing, Jr.	815,661	Mar. 20	3367	704-5	121	842
Closure and making same.	M. Engels.	825,115	July 3	848	176	123	225
Cloth-board and sample-holder.	J. H. Ackroyd.	839,694	Dec. 25	4802	1026	125	2670
Cloth-cleansing device.	W. S. Baker.	836,293	Nov. 20	2776	589	125	789
Cloth-cutter. Electric.	J. B. Replogle.	828,681	Aug. 14	1977	417	123	2190
Cloth-cutting machines. Circular knife and retaining-gear for.	H. A. Meyer.	813,313	Feb. 20	3588	788	120	2354
Cloth-folding machine.	W. H. Hacking.	813,552	Feb. 27	4076	893	120	2522
Cloth-guiding device.	E. Van Winkle.	821,906	May 29	5852	1244	122	1536
Cloth on the bias. Device for marking or cutting.	S. Gould.	827,233	July 31	5209	1082	123	1382
Cloth on the bias. Machine for cutting.	B. Hurd.	819,431	May 1	803	172-3	122	181
Cloth-pressing machine.	D. Gessner.	810,638	Jan. 23	4158	859	120	1029
Cloth-pressing machine.	J. Ecker.	818,753	Apr. 24	4432	948-50	121	2491
Cloth-pressing machine.	L. Svoboda and J. Kudrle.	820,681	May 15	3346	716-17	122	863
Cloth-pressing machine.	I. Erickson.	838,245	Dec. 11	1971	422	125	1887
Cloth-shrinking device.	A. Bray.	837,281	Dec. 4	21	7-8	125	1359
Cloth-steaming machine.	G. B. Gerlach.	810,271	Jan. 16	3372	698	120	819
Cloth-tentering machine.	C. L. Taylor.	820,746	May 15	3462	742	122	891
Cloth winding and measuring machine.	J. J. Scholfield.	813,743	Feb. 27	4427	976-7	120	2596
Clothes-cleaning device.	C. P. Upton.	837,983	Dec. 11	1403	305	125	1745
Clothes-drainer.	F. P. Sager.	812,884	Feb. 20	2726	600	120	2169
Clothes-draining device.	L. T. Cook.	828,195	Aug. 7	995	207	123	1914
Clothes-drier.	E. Butler.	818,228	Apr. 17	3358	719	121	2204
Clothes-drier.	J. A. Black and G. M. Brewer.	822,341	June 5	229	47	122	1776
Clothes-drier.	A. T. Hagan.	822,604	June 5	755	153	122	1894
Clothes-drier.	C. Noble.	826,684	July 24	4085	848	123	1086
Clothes-drier.	T. M. Anderson.	826,823	July 24	4342	903	123	1151
Clothes-drier.	P. Foy.	835,671	Nov. 13	1570	335	125	439
Clothes-drier and hat and coat holder combined.	W. S. Pugsley.	822,552	June 5	631	126-7	122	1865
Folding.							
Clothes-drier supports. Device for securing goods upon and removing the same from.	W. M. Barnes.	833,910	Oct. 23	3891	825	124	2294
Clothes-frame.	C. W. Brode.	812,011	Feb. 6	975	213	120	1688
Clothes-gripper.	K. M. Dunbar.	824,915	July 3	479	94	123	127
Clothes-hanger.	E. A. Farish and E. W. McClure.	815,338	Mar. 20	2725	568	121	699
Clothes-hanger.	A. J. Butler.	834,868	Oct. 30	5964	1267	124	2855
Clothes-holder.	A. E. Morris and J. W. Baker.	831,367	Sept. 18	2952	626	124	797
Clothes-line.	C. C. Johnson.	816,664	Apr. 3	245	58	121	1414
Clothes-line.	C. W. Boese.	836,855	Nov. 27	3904	833	125	1099
Clothes-line apparatus.	W. A. F. Schoenebeck.	830,804	Sept. 11	1851	385	124	496
Clothes-line attachment. Pulley.	F. J. Schmidt.	815,123	Mar. 13	2249	471-2	121	546
Clothes-line fastener.	J. and A. F. Hamm.	820,715	May 15	3409	729	122	878
Clothes-line fastener and stretcher.	H. B. Norton.	839,628	Dec. 25	4661	993	125	2636
Clothes-line holder.	A. K. Young.	828,169	Aug. 7	944	194	123	1902
Clothes-line holder.	D. W. Dart and H. Maass.	833,509	Oct. 16	3035	644	124	2038
Clothes-line hook.	E. Miller.	835,971	Nov. 13	2112	453	125	570
Clothes-line. Metallic.	J. W. Montgomery.	839,402	Dec. 25	4198	899	125	2525
Clothes-line pin.	D. T. Bryan and O. Sadler.	820,177	May 8	2356	512	122	589
Clothes-line. Pinless.	E. J. Barnette.	820,615	May 15	3218	692	122	837
Clothes-line. Pinless.	R. K. Peters.	822,473	June 5	468	95	122	1827
Clothes-line prop.	A. J. Campbell.	813,947	Feb. 27	4842	1068	120	2684
Clothes-line prop.	W. F. Briggs.	814,266	Mar. 6	518	107	121	111
Clothes-line pulley.	H. Koorie.	826,727	July 24	4169	866	123	1106
Clothes-line reel.	W. J. Connell.	823,931	June 19	3397	726	122	2576
Clothes-line reel.	S. C. Goldenberg.	836,444	Nov. 20	3086	654	125	859
Clothes-line reel support.	F. J. Bushard.	836,959	Nov. 27	4136	882	125	1154
Clothes-line support.	P. J. Sloan.	809,024	Jan. 2	790	170	120	174
Clothes-line support.	C. F. Mielke and F. J. Mach.	812,583	Feb. 13	2154	471	120	2005
Clothes-line support.	J. H. Hartley.	815,529	Mar. 20	3113	650	121	785
Clothes-line support.	F. McManus.	820,815	May 15	3622	773	122	926
Clothes-line support and tightener.	L. C. Weaver.	830,469	Sept. 4	1150	241-2	124	284
Clothes-marking apparatus.	J. D. Caldwell and N. A. Sorenson.	812,723	Feb. 13	2413	529	120	2055
Clothes-pin.	D. R. Rosebrough.	808,687	Jan. 2	122	28	120	29
Clothes-pin.	A. G. Borneman.	810,704	Jan. 23	4267	885	120	1054
Clothes-pin.	H. I. Rumfield and J. R. Donaho.	813,589	Feb. 27	4141	907-8	120	2535

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prig.	Vol.	Page.
Clothes-pin.	J. W. Stewart.	815,128	Mar. 13	2267	474	121	550
Clothes-pin.	J. W. Baker.	815,253	Mar. 13	2516	524	121	607
Clothes-pin.	C. W. Boese.	818,658	Apr. 24	4230	910	121	2446
Clothes-pin.	J. M. McChesney.	823,889	June 19	3316	706	122	2559
Clothes-pin.	A. F. Ruhlow.	826,965	July 24	4618	962	123	1218
Clothes-pin.	G. A. Lanciaux and A. Saumur.	834,210	Oct. 23	4640	984	124	2477
Clothes-pin.	T. A. Luster and J. W. Stewart.	835,360	Nov. 6	970	207	125	246
Clothes-pin.	C. J. Ingersoll.	835,757	Nov. 13	1731	369	125	478
Clothes-prop.	V. Heiser.	820,927	May 15	3877	826	122	982
Clothes-rack. Folding.	J. Grüniger.	814,370	Mar. 6	752	152	121	166
Clothes-rack. Folding.	A. F. Peters.	823,807	June 19	3162	669	122	2524
Clothes-support. Extensible.	C. J. Wadsworth.	834,595	Oct. 30	5398	1145	124	2711
Clothes-tongs.	F. L. Blomquist.	809,244	Jan. 2	1265	257	120	279
Clothes washer and wringer. Combined.	O. Guitar.	837,924	Dec. 11	1279	280	125	1714
Clothes washing or cleaning machine.	W. C. Barnard.	831,135	Sept. 18	2503	528	124	684
Clothes-wringer. Centrifugal.	827,046	July 24	4778	998	123	1256	
Clothing-fastener.	L. D. Pierce.	814,475	Mar. 6	960	197	121	209
Clothing hanger and clamp. Combined.	F. Thompson.	828,785	Aug. 14	2184	462	123	2243
Clover-huller.	W. C. Robby.	816,823	Apr. 3	542	116	121	1477
Clover-huller feeder.	H. Guderian.	810,937	Jan. 30	4757	990-1	120	1193
Cluster-socket.	J. H. Dale.	826,152	July 17	2979	620	123	790
Clutch.	R. L. Woodard.	808,965	Jan. 2	693	150	120	153
Clutch.	J. E. Dobson.	811,041	Jan. 30	4947	1033	120	1236
Clutch.	I. H. Spencer.	812,694	Feb. 13	2350	514	120	2042
Clutch.	A. H. Ehle and J. H. Nice.	813,369	Feb. 20	3695	812	120	2377
Clutch.	C. C. Keyser.	814,545	Mar. 6	1095	227	121	238
Clutch.	G. W. Greenwood.	815,010	Mar. 13	2012	423-4	121	493
Clutch.	G. E. Franquist.	816,906	Apr. 3	711	146	121	1516
Clutch.	L. W. G. Flynt.	817,309	Apr. 10	1513	117	121	1750
Clutch.	R. S. Kasson.	818,828	Apr. 24	4578	982	121	2521
Clutch.	N. E. Swanson.	819,469	May 1	871	189	122	195
Clutch.	J. Y. Evans.	821,091	May 22	4242	902	122	1122
Clutch.	F. M. Ashley.	821,212	May 22	4466	951	122	1171
Clutch.	J. J. Campbell and H. C. Johnson.	823,260	June 12	2104	438	122	2237
Clutch.	C. A. Fisher.	825,384	July 10	1397	293	123	382
Clutch.	C. A. Sturtevant.	827,475	July 31	5775	1198	123	1518
Clutch.	A. F. Hanson.	828,027	Aug. 7	681	141	123	1840
Clutch.	F. L. Eager.	829,003	Aug. 21	2620	553	123	2384
Clutch.	W. J. Cochran.	829,140	Aug. 21	2931	614	123	2467
Clutch.	W. S. Hill.	829,525	Aug. 28	3763	798	123	2718
Clutch.	C. G. Herbert.	832,383	Oct. 2	733	142-3	124	1388
Clutch.	C. O. Snyder.	833,982	Oct. 23	4135	879	124	2349
Clutch.	T. H. Worrall.	834,857	Oct. 30	5945	1262-3	124	2850
Clutch.	A. Winton and H. B. Anderson.	835,721	Nov. 13	1659	352	125	462
Clutch.	C. Hird.	836,685	Nov. 27	3563	759	125	1011
Clutch.	J. C. Dawson.	836,739	Nov. 27	3697	788	125	1045
Clutch.	F. Müller.	837,632	Dec. 4	704	162	125	1528
Clutch and brake. Combined.	S. B. Welcome.	838,483	Dec. 11	2408	523	125	1994
Clutch and counter-shaft mechanism.	B. T. Burchardi and V. J. Wahlstrom.	821,984	May 29	6002	1280	122	1568
Clutch and governor. Friction.	C. Christiansen.	811,374	Jan. 30	5600	1170	120	1375
Clutch and speed controlling device.	S. W. Wardwell.	834,778	Oct. 30	5790	1229	124	2811
Clutch and wiring system. Combined safety.	H. A. Williams.	826,206	July 17	3087	639-40	123	815
Clutch. Cable.	S. A. Johnson.	820,422	May 15	2838	618	122	752
Clutch construction.	G. E. Graham and J. F. Mitchell.	838,318	Dec. 11	2091	452	125	1917
Clutch. Deformation.	G. E. Franquist.	839,463	Dec. 25	4328	924-5	125	2554
Clutch device.	A. Pentecost.	834,021	Oct. 23	4242	899	124	2376
Clutch device.	T. L. and T. J. Sturtevant.	834,499	Oct. 30	5222	1109	124	2669
Clutch. Electrical friction.	H. A. Williams.	817,730	Apr. 10	2324	500	121	1926
Clutch. Electromagnetic friction.	W. Schuster and H. Ast. (Re-issue.)	12,581	Dec. 18	3551	767	125	2320
Clutch. Fluid speed-governing.	J. C. Wands.	836,348	Nov. 20	2876	611	125	811
Clutch. Fluid speed-governing.	J. C. Wands.	838,149	Dec. 11	1765	379	125	1838
Clutch for vises, lifting-jacks, clamps, or the like.	P. Broadbooks.	827,612	July 31	6054	1256	123	1589
Clutch. Friction.	F. H. Ball.	808,622	Jan. 2	9	2	120	4
Clutch. Friction.	H. G. Dittbenner.	808,975	Jan. 2	707	153	120	156
Clutch. Friction.	J. F. Wilson.	810,516	Jan. 23	3923	806	120	978
Clutch. Friction.	J. D. Maxwell.	810,783	Jan. 23	4424	918	120	1087
Clutch. Friction.	A. C. Menges.	811,422	Jan. 30	5690	1191	120	1393
Clutch. Friction.	S. C. Anker-Holth.	813,396	Feb. 27	3760	826	120	2449
Clutch. Friction.	F. F. Hoehne and A. Denzer.	815,168	Mar. 13	2346	491	121	568
Clutch. Friction.	T. C. Dexter.	815,909	Mar. 20	3912	827-8	121	957
Clutch. Friction.	E. E. Andrews.	818,331	Apr. 17	3556	761-2	121	2246
Clutch. Friction.	A. Hérisson.	819,544	May 1	1002	220	122	225
Clutch. Friction.	T. J. Kehoe.	819,890	May 8	1708	366	122	446
Clutch. Friction.	G. Stahl.	820,446	May 15	2882	626-7	122	762
Clutch. Friction.	J. S. Jellison.	820,874	May 15	3734	797	122	950
Clutch. Friction.	G. E. Turner.	821,680	May 29	5418	1153	122	1436
Clutch. Friction.	H. D. Hubbard.	822,454	June 5	426	87-8	122	1817
Clutch. Friction.	E. H. Waugh.	822,496	June 5	518	105-6	122	1839
Clutch. Friction.	J. F. Duryea.	822,726	June 5	1000	204	122	1948
Clutch. Friction.	J. F. Duryea.	822,727	June 5	1003	204-5	122	1949
Clutch. Friction.	J. F. Duryea.	822,833	June 5	1194	245	122	1989
Clutch. Friction.	H. S. and C. E. Glenn.	823,467	June 12	2476	523	122	2314
Clutch. Friction.	J. G. Babio.	823,753	June 19	3054	647	122	2499
Clutch. Friction.	H. L. Whitman.	824,610	June 26	4726	1006	122	2918
Clutch. Friction.	E. A. Muller.	824,805	July 3	252	45	123	70
Clutch. Friction.	A. F. Mack.	826,794	July 24	4290	892	123	1139
Clutch. Friction.	G. E. Franquist.	827,091	July 31	4899	1022	123	1300
Clutch. Friction.	W. E. Magie.	827,316	July 31	5367	1116	123	1419
Clutch. Friction.	G. E. Turner.	828,690	Aug. 14	2000	422	123	2197
Clutch. Friction.	F. J. Temple and J. Hoehn.	829,555	Aug. 28	3818	812	123	2731
Clutch. Friction.	J. W. Chailoner.	831,215	Sept. 18	2647	556	124	718
Clutch. Friction.	A. Hérisson.	831,343	Sept. 18	2911	610-17	124	787

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Clutch. Friction.....	E. E. Andrews.....	832,524	Oct. 2	1004	202	124	1454
Clutch. Friction.....	J. Laidlaw and J. W. Macfarlane.	832,984	Oct. 9	1938	405	124	1718
Clutch. Friction.....	P. Medart.....	833,537	Oct. 16	3081	654	124	2050
Clutch. Friction.....	A. W. Robinson.....	834,936	Nov. 6	115	23	125	35
Clutch. Friction.....	H. R. Stacks.....	835,373	Nov. 6	994	212	125	252
Clutch. Friction.....	S. J. Riley.....	837,732	Dec. 4	917	207	125	1583
Clutch. Hydraulic.....	G. Sparks.....	829,549	Aug. 28	3807	808-10	123	2728
Clutch. Magnetic.....	H. H. Cutler.....	821,020	May 22	4094	871-2	122	1090
Clutch. Magnetic.....	H. H. Cutler.....	821,022	May 22	4102	872	122	1092
Clutch. Magnetic.....	G. A. Damon.....	821,024	May 22	4107	873	122	1094
Clutch. Magnetic.....	L. T. Gibbs.....	828,647	Aug. 14	1917	402	123	2176
Clutch. Magnetic friction.....	H. A. Williams.....	817,210	Apr. 10	1318	275	121	1711
Clutch mechanism.....	M. G. de Simone.....	809,331	Jan. 9	1447	293-4	120	352
Clutch mechanism.....	J. H. B. Bryan.....	812,817	Feb. 20	2592	569	120	2139
Clutch mechanism.....	H. S. Hele-Shaw.....	814,132	Mar. 6	258	50-2	121	57
Clutch mechanism.....	B. A. Gramm.....	819,421	May 1	777	167	122	176
Clutch mechanism.....	B. J. Abbott.....	821,570	May 22	5173	1104	122	1326
Clutch mechanism.....	E. E. Wright.....	822,034	May 29	6097	1298	122	1590
Clutch mechanism.....	W. F. Jacobs.....	825,542	July 10	1766	372	123	473
Clutch mechanism.....	J. and F. Doepker.....	827,715	Aug. 7	36	9	123	1679
Clutch mechanism.....	M. Hendrickson.....	831,433	Sept. 18	3073	651	124	828
Clutch mechanism.....	A. C. Hendricks.....	836,035	Nov. 13	2212	473-4	125	594
Clutch mechanism.....	W. Sobey and C. E. Mohr.....	837,003	Nov. 27	4226	899-900	125	1175
Clutch mechanism.....	A. C. Hendricks.....	838,024	Dec. 11	1478	318-19	125	1765
Clutch mechanism. Friction.....	S. J. Davis.....	825,521	July 10	1720	362	123	462
Clutch mechanism. Friction.....	T. S. Miller.....	827,382	July 31	5495	1142-3	123	1449
Clutch-operating mechanism.....	C. L. Reed.....	810,509	Jan. 23	3902	802	120	974
Clutch-operating mechanism.....	C. L. Taylor.....	823,085	June 12	1728	355-6	122	2152
Clutch-release means.....	L. J. Hinde.....	823,496	June 12	2561	540	122	2332
Clutch. Roller friction.....	A. C. F. Dann.....	836,097	Nov. 20	2345	495	125	682
Clutch. Safety winding.....	C. Johnson.....	825,323	July 10	1272	268	123	349
Clutch. Self-governing.....	R. E. Wynn.....	811,352	Jan. 30	5563	1160	120	1367
Clutch. Shaft.....	M. Deller.....	813,869	Feb. 27	4697	1039	120	2654
Clutches. Clutch-band for friction.....	C. J. Jager.....	839,480	Dec. 25	4364	934	125	2563
Coal and like washer.....	W. E. Winn.....	811,608	Feb. 6	142	31	120	1516
Coal and like washer.....	W. E. Winn.....	811,609	Feb. 6	144	32	120	1516
Coal and other granular material. Apparatus for handling.....	A. Smith.....	816,391	Mar. 27	4918	1044-5	121	1225
Coal and the like. Composition for briquetting.....	H. L. Mitchell and G. W. Goode.....	830,798	Sept. 11	1835	.....	124	492
Coal, &c. Apparatus for handling.....	J. Campbell.....	814,271	Mar. 6	528	109-10	121	113
Coal briquets. Manufacture of.....	G. L. Croudeace.....	828,999	Aug. 21	2614	.....	123	2382
Coal-chute. Extension.....	F. S. Converse.....	827,349	July 31	5432	1129	123	1435
Coal compound.....	W. Hammick.....	838,403	Dec. 11	2260	.....	125	1958
Coal-conveyer.....	E. C. Van Nieuhuys.....	833,141	Oct. 9	2243	473	124	1798
Coal-crusher.....	G. W. Perry.....	820,518	May 15	3044	655	122	799
Coal-cutting machine.....	A. H. Gibson.....	818,619	Apr. 24	4152	893	121	2428
Coal-cutting machine.....	A. S. Hamilton.....	830,586	Sept. 11	1403	290	124	376
Coal-cutting-machine feed.....	F. Eekersley.....	809,790	Jan. 9	2371	489-90	120	554
Coal cutting or winning machine.....	W. Young, W. Clark, and H. Green.....	830,697	Sept. 11	1647	338-9	124	445
Coal-drill attachment.....	J. T. Tabor.....	832,096	Oct. 2	137	30	124	1245
Coal-drill support.....	W. H. Clarkson.....	825,113	July 3	844	175	123	224
Coal-drills. Expansion-bit for.....	W. H. Clarkson.....	814,768	Mar. 13	1552	328	121	400
Coal-dump.....	J. G. Ball and A. C. Higginbotham.....	835,386	Nov. 6	1030	220	125	261
Coal-finding instrument.....	L. B. Mognett.....	818,902	Apr. 24	4706	1009	121	2549
Coal-handling implement.....	N. E. Watson.....	834,780	Oct. 30	5796	1230	124	2812
Coal-handling plant.....	W. J. Patterson and L. J. Robb.....	812,084	Feb. 6	1101	242-3	120	1713
Coal-moving apparatus.....	E. Phillips.....	837,113	Nov. 27	4453	945	125	1233
Coal-pocket.....	F. K. Hoover and A. J. Mason.....	816,797	Apr. 3	479	107	121	1462
Coal-screen.....	E. R. Dickey.....	810,922	Jan. 30	4722	956	120	1186
Coal-screen. Upright rotary.....	F. Nichter.....	838,441	Dec. 11	2325	504	125	1975
Coal-separator.....	J. Pollock.....	819,252	May 1	431	91	122	101
Coal-separator.....	W. O. Gunkel.....	838,402	Dec. 11	2259	488	125	1957
Coal-slack leveling and tamping appliance.....	W. J. Murray.....	826,184	July 17	3035	629-30	123	803
Coal-tar burner.....	T. Coughlan.....	835,403	Nov. 6	1069	229	125	270
Coal-tipple.....	J. S. Pates.....	827,560	July 31	5944	1233	123	1559
Coal-tipple.....	J. S. Pates. (Reissue).....	12,553	Nov. 6	1219	263-4	125	306
Coal-tipple.....	J. J. Fleming.....	837,900	Dec. 4	2	270	125	1658
Coal-tipples. Means for operating the gates of.....	L. E. Armentrout.....	814,009	Mar. 6	2	1	121	3
Coal unloading, breaking, and loading apparatus.....	W. T. Krausch.....	814,710	Mar. 13	1439	301-2	121	374
Coal. Vertical retort for the destructive distillation of.....	H. W. Woodall and A. M. Duckham.....	833,861	Oct. 23	3761	799-800	124	2261
Coal-washer.....	G. S. Ramsay.....	811,871	Feb. 6	639	140	120	1620
Coal-washer and ore-concentrator.....	A. C. Campbell.....	835,397	Nov. 6	1050	225	125	266
Coal-washing apparatus.....	R. L. Martin, Jr.....	816,672	Apr. 3	258	60	121	1417
Coal-washing jig.....	W. B. Gillon and J. M. Ricketts.....	830,989	Sept. 11	2178	460-1	124	577
Coaling device. Moving-train.....	C. M. Miller.....	811,425	Jan. 30	5695	1192-3	120	1394
Coaling ships from colliers. Apparatus for.....	C. G. C. Taylor.....	824,335	Oct. 30	4898	1037-8	124	2586
Coaling-station.....	W. J. Selleck.....	828,427	Aug. 14	1482	312	123	2064
Coat and hat hook.....	H. E. Collins.....	811,380	Jan. 30	5614	1174	120	1379
Coat and similar garment.....	J. J. McLoughlin.....	829,029	Aug. 21	2678	564	123	2396
Coat-hanger.....	D. R. Beebe.....	815,060	Mar. 13	2120	447	121	517
Coat-hanger.....	J. M. Stein.....	815,759	Mar. 20	3604	757	121	893
Coat-hanger.....	I. Geraci.....	839,284	Dec. 25	3975	854	125	2467
Coat-hanger.....	I. Geraci.....	839,285	Dec. 25	3978	854	125	2468
Coat, hat, and umbrella lock.....	R. H. Heberling.....	820,191	May 8	2381	517	122	593
Coat, hat, and umbrella rack.....	W. R. Purvis.....	819,311	May 1	559	119	122	128
Coat-holder.....	W. Doyle.....	817,755	Apr. 17	2377	510	121	1990
Coat lapel and collar regulator.....	W. H. Cling.....	831,931	Sept. 25	4113	857	124	1132
Coat-rack.....	J. L. Gragg.....	835,417	Nov. 6	1101	237	125	277
Coat. Rain.....	F. W. Slater.....	820,893	May 15	3806	812	122	966
Coats. Stay-plate for.....	J. A. Vaughn.....	823,746	June 19	3042	644	122	2496
Coated materials. Machine for preparing.....	C. H. Brigham and G. P. Harvey.....	814,351	Mar. 6	717	145	121	158
Coated strip and making the same.....	H. S. Chapman and W. M. Stone.....	813,618	Feb. 27	4199	922	120	2548
Coating.....	J. H. Blettner.....	814,424	Mar. 6	875	179	121	190

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Coating active material with flake-like conducting material.	T. A. Edison	839,371	Dec. 25	4137	.....	125	2509
Coating-machine.	J. B. Morrow	826,518	July 17	3730	773	123	979
Coating one metal with another and the resulting product.	S. H. Thurston	822,873	June 5	1272	263	122	2005
Coatings upon metals. Electrolytic production of lustrous metallic	A. Classen	809,492	Jan. 9	1793	.....	120	428
Cock	F. Henneböhle	831,159	Sept. 18	2542	536	124	694
Cock and expansion-valve. Combined stop-	F. W. Felsberg	827,521	July 31	5874	1216	123	1542
Cock and safety-valve. Combined gage-	A. C. Calder	835,056	Nov. 6	369	75	125	98
Cock. Angle-	W. W. Wiggs	834,429	Oct. 30	5090	1081	124	2633
Cock. Ball-	A. F. Curtin	829,462	Aug. 28	3628	762	123	2685
Cock. Ball-	J. H. Knight	830,235	Sept. 4	676	135	124	171
Cock. Basin-	P. Mueller	809,720	Jan. 9	2246	466	120	526
Cock. Basin-	P. Mueller	810,168	Jan. 16	3133	648	120	769
Cock. Bib-	J. A. Stevenson	819,944	May 8	1809	391	122	468
Cock boxes. Centering device for stop-	J. B. Batt	820,616	May 15	3219	692	122	837
Cock. Curb-	C. L. Wilkins	827,593	July 31	6001	1249	123	1572
Cock. Cylinder-	E. H. Obertop	839,188	Dec. 25	3784	817	125	2422
Cock. Emergency angle-	W. H. Maddox	824,036	June 19	3601	767	122	2618
Cock for steam-cylinders. Drain-	S. Anderson	817,294	Apr. 10	1488	312	121	1745
Cock. Gage-	F. W. Leidecker	820,424	May 15	2842	619	122	753
Cock. Gage-	J. P. Cullison	829,632	Aug. 28	3985	843	123	2772
Cock. Gas-	J. Schmitt	822,484	June 5	500	101	122	1835
Cock. Gas-	W. N. Pynes	836,606	Nov. 20	3365	717	125	928
Cock handle. Stop-	D. Inches and E. J. Hosker. (Re-issue.)	12,574	Dec. 11	2467	536	125	2009
Cock. Non-scalding shower-bath	H. M. Hoelscher and J. J. Clifford	825,214	July 3	1050	222	123	274
Cock or valve. Automatically-closing	T. Blein and E. Sallé	828,374	Aug. 14	1378	291	123	2037
Cock or water-faucet. Drain-	R. C. Greenland	829,069	Aug. 21	2763	581	123	2422
Cock. Plug-	E. Hill, Jr	823,779	June 19	3114	659	122	2513
Cock. Self-closing basin-	J. A. Johnston	816,329	Mar. 27	4774	1011	121	1195
Cock. Stop and waste.	G. P. Hillen	816,795	Apr. 3	475	106	121	1462
Cock. Stop and waste.	D. C. Powers	829,124	Aug. 21	2886	606	123	2455
Code. Cipher-	E. E. Peterson	832,156	Oct. 2	280	53-4	124	1280
Code. Cipher-	E. E. Peterson	832,559	Oct. 2	1072	215-16	124	1471
Code. Self-testing safety-	C. J. Mitchell	831,968	Sept. 25	4180	873	124	1149
Coffee and cereal roaster.	K. H. Rommel	816,379	Mar. 27	4877	1034-5	121	1217
Coffee and tea pot	J. W. Whitaker	820,897	May 15	3818	815	122	969
Coffee apparatus. Jacket or hood for use in connection with the exhaust-heads of hot-water urns of	E. J. Monense	824,669	June 26	4834	1032	122	2941
Coffee-boiler	J. Kruckewitt	814,460	Mar. 6	933	191	121	203
Coffee-cooker.	M. M. Herrera	837,834	Dec. 4	1095	244	125	1626
Coffee-cooler	H. Hager	810,140	Jan. 16	3088	637	120	760
Coffee cooler and stoner	W. Dean	813,955	Feb. 27	4852	1072	120	2686
Coffee-cutting mill	E. C. Smith	815,126	Mar. 13	2264	473-4	121	549
Coffee-grading mechanism. Ground-	F. Conner	835,057	Nov. 6	370	75	125	98
Coffee. Impregnating roasted.	J. Jürgens and A. Westphal	832,322	Oct. 2	615	.....	124	1360
Coffee-making apparatus	F. B. Maynard	828,674	Aug. 14	1964	413	123	2187
Coffee, malt, &c. Roasting apparatus for.	M. Boof	813,274	Feb. 20	3491	769	120	2334
Coffee-mill	A. E. Bronson, Jr	834,105	Oct. 23	4420	939	124	2418
Coffee or tea urn	H. R. Lynn	831,673	Sept. 25	3598	755	124	1003
Coffee-percolator.	G. E. Savage	814,399	Mar. 6	821	169	121	179
Coffee-percolator.	A. A. Warner	821,445	May 22	4954	1053	122	1281
Coffee-pot	M. M. De Grody	808,730	Jan. 2	222	47	120	51
Coffee-pot	M. B. Peery	814,724	Mar. 13	1462	307	121	380
Coffee-pot	A. Peterman	826,798	July 24	4297	893	123	1140
Coffee-pot	J. A. Cox	836,635	Nov. 20	3429	732	125	941
Coffee-pot	W. H. McLaren	836,699	Nov. 27	3598	767	125	1018
Coffee-pot attachment.	R. F. Randall and E. V. Peirson	813,237	Feb. 20	3426	755	120	2320
Coffee-pots, &c. Attachment for.	W. S. Day	831,419	Sept. 18	3039	645	124	819
Coffee preparation	J. M. Herron	829,649	Aug. 28	4013	.....	123	2780
Coffee. Refining and cleansing	N. J. H. Weitzmann	824,320	June 26	4126	883	122	2790
Coffee-roaster	F. E. J. Thoreen	817,533	Apr. 10	1965	416	121	1846
Coffee-roaster	L. Schmidt	817,674	Apr. 10	2210	472	121	1899
Coffee-roaster	J. S. Miller	824,037	June 19	3602	767	122	2618
Coffee-roaster	J. M. Edwards	830,891	Sept. 11	1997	420	124	534
Coffee-roaster	N. B. Post	836,341	Nov. 20	2862	608-9	125	808
Coffee-roasting machine.	F. T. Holmes	812,268	Feb. 13	1540	335-6	120	1877
Coffee-urn	H. Heibel	814,960	Mar. 13	1899	399	121	470
Coffee-urn	D. O. Dowe	830,771	Sept. 11	1796	371	124	483
Coffee-urn	F. Theil	831,253	Sept. 18	2726	574	124	739
Coffin and casket lid.	T. A. Smith	820,744	May 15	3459	742	122	890
Coffin drop-handle.	G. A. Schehr	809,467	Jan. 9	1747	361	120	418
Coffin-fastener.	F. P. Brining and J. Stackhouse	818,223	Apr. 17	3347	717	121	2202
Coffin-fastener.	C. A. Conklin	818,233	Apr. 17	3367	720	121	2207
Coffin-handle.	F. I. Hoefle	826,033	July 17	2752	569	123	734
Coffin-lowering apparatus.	F. J. Nejedlo	820,593	May 15	3180	684	122	830
Coffin-pedestal	W. R. Sparkman	827,578	July 31	5973	1239	123	1566
Coil-former	J. W. Lundskog	827,315	July 31	5365	1115-16	123	1418
Coil-former	J. W. Lundskog	834,480	Oct. 30	5184	1101	124	2658
Coil-forming apparatus	G. E. Stevens	825,249	July 3	1111	236	123	290
Coil-spring	E. Hogan	810,146	Jan. 16	3097	639	120	762
Coil-spring trap.	J. Dawkins	833,827	Oct. 23	3694	787	124	2243
Coils. Case for loading-	H. F. Albright	834,352	Oct. 30	4932	1044-5	124	2505
Coiling-machine.	M. C. Lovejoy	809,269	Jan. 2	1321	268	120	291
Coin-actuated mechanism	J. W. Whitlock	825,167	July 3	956	202	123	250
Coin collecting and carrying device	M. Kohn	810,656	Jan. 23	4185	865	120	1035
Coin-controlled apparatus.	A. T. Hallock	810,856	Jan. 23	4546	947	120	1115
Coin-controlled apparatus.	F. J. Dole	812,331	Feb. 13	1656	364	120	1903
Coin-controlled apparatus.	M. F. Price	816,936	Apr. 3	776	160	121	1531
Coin-controlled apparatus.	E. A. Bartezki	820,543	May 15	3093	665-7	122	809
Coin-controlled machine.	R. Wales	830,546	Sept. 11	1321	272-3	124	355
Coin-controlled mechanism	F. J. Tefft	826,972	July 24	4628	964	123	1220
Coin-controlled mechanism	R. W. Goeb	832,314	Oct. 2	600	113	124	1357
Coin-controlled mechanisms and the like. Casing for	R. W. Goeb	829,265	Aug. 21	3196	671	123	2531

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Diag.	Vol.	Page.
Coin-counter.....	E. Lindley.....	832,204	Oct. 2	376	69-70	124	1304
Coin-counting machine.....	J. M. Johnson and C. Sulfer.....	824,794	July 3	214	39-40	123	60
Coin-detector.....	A. N. Hauver.....	832,126	Oct. 2	211	42	124	1265
Coin-detector.....	H. G. Kellogg.....	837,410	Dec. 4	264	65	125	1422
Coin-freed apparatus.....	W. Abel.....	838,930	Dec. 18	3247	702-3	125	2241
Coin-handling machine.....	J. M. McClary.....	826,521	July 17	3733	774-5	123	981
Coin-holder.....	E. J. Brandt.....	824,842	July 3	335	62	123	93
Coin-holder.....	R. R. Kintz.....	837,685	Dec. 4	818	185	125	1557
Coin holding and delivering machine.....	J. W. Meaker.....	817,927	Apr. 17	2755	596-7	121	2076
Coin holding and delivering machine.....	J. W. Meaker.....	827,985	Aug. 7	578	118-19	123	1815
Coin-holding box.....	R. H. Forsyth.....	810,742	Jan. 23	4330	900	120	1068
Coin-holding card.....	J. C. Anderson.....	815,502	Mar. 20	3062	638	121	775
Coin-operated mechanism.....	W. A. Hickey and J. Brown.....	824,543	June 26	4590	976	122	2888
Coin-receptacle.....	W. H. Woolums.....	814,821	Mar. 13	1660	347	121	421
Coin-receptacle.....	W. H. Woolums.....	829,452	Aug. 28	3594	756	123	2675
Coin-register tapes. Means for keeping records of.....	W. G. Nagel.....	824,196	June 26	3889	830	122	2740
Coin separating, counting, and stacking device.....	C. F. Hess.....	811,559	Feb. 6	41	9-10	120	1493
Coin sorting and stacking apparatus.....	C. F. Hess.....	834,805	Oct. 30	5838	1238-9	124	2823
Coin sorting or separating apparatus.....	B. Canner.....	812,327	Feb. 13	1649	363	120	1901
Coin-tester for slot-machines.....	M. D. Sadtler.....	827,327	July 31	5393	1120-1	123	1425
Coin-tray.....	E. J. Brandt.....	811,197	Jan. 30	5267	1102	120	1303
Coin-tray.....	D. E. Waters.....	814,178	Mar. 6	342	70	121	75
Coin-tray.....	L. C. Kollie and F. V. Cushman.....	838,121	Dec. 11	1690	364	125	1819
Coin-wrapper.....	R. Spurgin.....	831,115	Sept. 18	2469	522	124	677
Coins and the like. Apparatus for delivering or counting.....	L. Weinreb and L. A. Rabino-witch.....	812,624	Feb. 13	2229	485	120	2018
Coke and gas making apparatus.....	F. Logan.....	833,611	Oct. 16	3244	690	124	2089
Coke and gas. Producing.....	F. Logan.....	833,471	Oct. 16	2959	628-9	124	2022
Coke and leveling coal. Apparatus for drawing and handling.....	C. P. Ludwig.....	832,988	Oct. 9	1943	406-7	124	1719
Coke briquets. Manufacture of.....	L. L. D. Zuiderhoek.....	824,680	June 26	4852		122	2945
Coke drawing and loading means.....	W. M. Nixon.....	838,049	Dec. 11	1532	329-30	125	1781
Coke-drawing machine.....	D. A. Ramage.....	812,364	Feb. 13	1708	375	120	1915
Coke-drawing machine.....	S. A. Cooney and T. J. Mitchell.....	835,811	Nov. 13	1841	388-9	125	509
Coke drawing, quenching, and conveying plant.....	H. E. Mann.....	819,899	May 8	1721	370	122	449
Coke-handling apparatus.....	G. G. Fryer.....	808,741	Jan. 2	239	52	120	54
Coke-handling apparatus.....	E. N. Trump.....	814,412	Mar. 6	850	175	121	184
Coke-leveling machine.....	G. T. Wickes.....	837,364	Dec. 4	174	41-2	125	1399
Coke-oven.....	G. Pierboni and P. Bufano.....	814,621	Mar. 6	1234	260	121	267
Coke-oven.....	H. Koppers.....	818,266	Apr. 17	3431	737-8	121	2220
Coke-oven.....	W. Klönne.....	825,221	July 3	1061	224	123	277
Coke-oven.....	M. E. Rothberg and A. Ernst.....	833,340	Oct. 16	2674	563	124	1954
Coke-oven cover.....	A. H. Walstrom.....	809,344	Jan. 9	1476	299	120	361
Coke-ovens. Drawing-machine for.....	R. D. Martin.....	818,841	Apr. 24	4598	986-7	121	2525
Coke-quenching apparatus.....	E. F. Lloyd.....	830,841	Sept. 11	1921	403	124	515
Coke-quenching machine.....	D. McDonald.....	832,693	Oct. 9	1362	275	124	1580
Coking apparatus.....	W. Kennedy.....	831,163	Sept. 18	2548	537-8	124	695
Coking apparatus. Briquet.....	B. Wagner.....	829,448	Aug. 28	3588	755	123	2673
Coking-oven.....	H. J. Wickham, F. C. Rockwell, and W. L. Shepard.....	827,767	Aug. 7	164	33	123	1710
Coking process.....	G. S. Merrill.....	815,453	Mar. 20	2976	620	121	757
Coking-receptacle.....	H. J. Wickham, W. L. Shepard, and F. C. Rockwell.....	829,935	Aug. 28	4639	974	123	2934
Colander.....	J. Norris.....	831,566	Sept. 25	3351	704	124	934
Colander for vegetables, &c.....	J. P. Ritschard and L. A. Sell.....	831,187	Sept. 18	2507	547	124	706
Cold-storage building.....	B. A. Norman.....	819,245	May 1	424	89	122	99
Collapsible box.....	W. N. Sewell.....	810,574	Jan. 23	4031	830	120	1001
Collapsible box.....	R. Ronconi.....	823,813	June 19	3172	671	122	2526
Collapsible box.....	C. H. Stonebridge.....	836,411	Nov. 20	3004	637	125	841
Collapsible box.....	C. H. Stonebridge.....	836,412	Nov. 20	3007	637-8	125	841
Collapsible box or crate.....	W. B. Price.....	823,967	June 19	3468	741	122	2592
Collapsible gate.....	C. Meyer.....	828,229	Aug. 7	1058	222	123	1928
Collapsible mold.....	C. W. Overturf.....	828,766	Aug. 14	2143	422	123	2233
Collapsible reel.....	A. Billstein.....	811,898	Feb. 6	701	153	120	1633
Collapsible reel.....	A. Billstein.....	811,899	Feb. 6	701	153	120	1633
Collapsible screen.....	L. Dejonge, Jr.....	820,769	May 15	3511	753	122	902
Collapsible table.....	W. L. Broadwell.....	809,170	Jan. 2	1077	224-5	120	236
Collapsible table.....	C. R. Sheldon.....	816,258	Mar. 27	4605	979	121	261
Collapsible tube.....	F. C. Holly.....	814,605	Mar. 6	1207	252	121	261
Collapsible tube.....	G. M. Williams.....	817,890	Apr. 17	2675	582	121	2054
Collapsible tube.....	R. Brooks.....	832,654	Oct. 9	1288	259	124	1564
Collar.....	F. W. Parsons.....	809,009	Jan. 2	767	166	120	169
Collar.....	G. E. Norris.....	810,076	Jan. 16	2958	617	120	735
Collar.....	J. K. P. Pine.....	819,593	May 1	1093	240-1	122	245
Collar.....	E. L. Hoover.....	827,637	July 31	6107	1269	123	1603
Collar.....	A. Dammann.....	829,851	Aug. 28	4432	936	123	2881
Collar.....	W. Scott.....	833,421	Oct. 16	2839	603	124	1994
Collar.....	H. Ohashi.....	837,248	Nov. 27	4702	997	125	1293
Collar and cuff shaper.....	W. M. Barnes.....	811,120	Jan. 30	5086	1063	120	1264
Collar and cuff shaper.....	G. L. Richardson.....	818,915	Apr. 24	4726	1014-15	121	2553
Collar. Apparel.....	F. Draper.....	829,063	Aug. 21	2754	579	123	2420
Collar attachment. Horse.....	S. Boyer.....	822,242	June 5	23	5	122	1733
Collar. Automatic-locking.....	C. V. J. Christensen.....	836,303	Nov. 20	2798	594	125	794
Collar-blank-assembling machine.....	H. C. Miller.....	813,908	Feb. 27	4768	1052-3	120	2670
Collar clamp. Horse.....	J. Reeder.....	820,600	May 15	3193	687	122	832
Collar-fastener.....	J. A. Coyner.....	827,084	July 31	4884	1018	123	1297
Collar fastener. Horse.....	J. C. Clausen.....	813,863	Feb. 27	4684	1035	120	2652
Collar fastener. Horse.....	F. Hillengass and L. F. Klugh.....	837,062	Nov. 27	4357	924	125	1208
Collar fastening. Horse.....	P. Guindollet.....	811,714	Feb. 6	341	75	120	1562
Collar. Fold.....	J. M. Beiermeister.....	835,594	Nov. 13	1428	306	125	405
Collar for draft-animals.....	F. Leinen.....	812,430	Feb. 13	1843	404	120	1941
Collar for personal wear.....	J. and J. Thompson.....	821,443	May 22	4952	1052	122	1281
Collar-foundation.....	D. Potts.....	812,876	Feb. 20	2709	597	120	2165
Collar. Harness breast.....	T. D. Gordon.....	827,232	July 31	5207	1082	123	1382
Collar holder or supporter. Adjustable.....	T. Allsopp.....	814,419	Mar. 6	865	178	121	188
Collar. Horse.....	G. W. Hahn.....	809,298	Jan. 9	1381	280	120	339

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Collar. Horse.....	C. L. Allen.....	809,886	Jan. 9	2535	526	120	591
Collar. Horse.....	W. B. Estes.....	814,596	Mar. 6	1185	248	121	257
Collar. Horse.....	J. Eulberg.....	816,785	Apr. 3	461	103	121	1459
Collar. Horse.....	J. Ahrendt.....	817,359	Apr. 10	1604	339	121	1771
Collar. Horse.....	G. W. Hahn.....	818,621	Apr. 24	4156	893-4	121	2429
Collar. Horse.....	H. A. Fontaine.....	822,204	May 29	6424	1364	122	1665
Collar. Horse.....	M. E. Hamilton.....	826,424	July 17	3489	726-7	123	913
Collar. Horse.....	T. S. Harris.....	830,228	Sept. 4	666	133	124	163
Collar. Horse.....	W. B. Estes.....	834,115	Oct. 23	4447	944-5	124	2425
Collar. Horse.....	L. P. Ey.....	834,794	Oct. 30	5819	1235	124	2818
Collar pad. Horse.....	W. F. Sachse.....	816,127	Mar. 27	4352	922	121	1105
Collar pad. Horse.....	G. A. Reynolds.....	824,145	June 26	3784	807	122	2717
Collar pad. Horse.....	D. S. Brown.....	828,186	Aug. 7	983	204	123	1911
Collar. Pneumatic horse.....	I. J. Thomsen.....	816,761	Apr. 3	412	93	121	1449
Collar. Pneumatic horse.....	J. R. Burkholder.....	827,705	Aug. 7	20	4	123	1675
Collar-protector.....	J. F. Connell.....	808,816	Jan. 2	380	82	120	84
Collar-shaper. Steam-heated.....	D. C. Porter and J. Erwin.....	823,360	June 12	2285	478	122	2275
Collar-shaping machine. Horse.....	R. S. Mason.....	829,985	Sept. 4	144	24	124	35
Collar. Shirt.....	F. W. Parsons.....	824,577	June 26	4656	990	122	2902
Collar stand or support.....	W. Delf.....	821,026	May 22	4111	874	122	1095
Collar-stay.....	L. C. Collins.....	818,817	Apr. 24	4560	978	121	2518
Collar. Storm.....	S. S. Alexander.....	820,465	May 15	2920	634	122	771
Collar-support.....	A. Haviland.....	836,498	Nov. 20	3171	672	125	882
Collar-supporter.....	O. G. and B. L. Goodman.....	812,127	Feb. 6	1181	259	120	1730
Collar-supporter.....	M. Connell.....	820,767	May 15	3510	752	122	902
Collar-supporter.....	J. H. Theberath.....	821,678	May 29	5414	1153	122	1435
Collar-supporter.....	F. B. Reynolds.....	835,228	Nov. 6	703	145	125	178
Collar-supporter. Adjustable.....	F. S. Reynolds.....	811,326	Jan. 30	5513	1149	120	1357
Collars. Machine for folding turnover.....	H. W. Messer and G. B. Joslyn.....	827,253	July 31	5246	1089	123	1391
Collars. Machine for riveting horse.....	A. W. Berndt.....	827,701	Aug. 7	13	2-3	123	1674
Collars. Metallic reinforce for harness.....	J. C. Hooper.....	816,660	Apr. 3	236	55	121	1412
Collars, neckties, &c. Device for holding.....	E. C. Bates.....	833,366	Oct. 16	2725	574	124	1968
Collars. Rim for horse.....	W. B. Estes.....	827,061	July 24	4819	1004	123	1266
Collector.....	B. H. Bedell.....	826,138	July 17	2954	614	123	783
Collector-ring.....	H. G. Reist.....	809,220	Jan. 2	1191	244	120	263
Collector-ring.....	H. Geisenhoner.....	827,360	July 31	5451	1133	123	1439
Collector-ring.....	J. E. Noeggerath.....	829,799	Aug. 28	4337	917	123	2859
Collodion and recovering the solvents of nitrocellulose or cellulose. Machine for producing threads from.....	M. Denis.....	834,460	Oct. 30	5143	1092	124	2648
Color-applying apparatus. Pneumatic.....	F. Wolf.....	818,649	Apr. 24	4211	905	121	2442
Color-changing screen.....	S. Herr.....	829,337	Aug. 21	3336	702	123	2566
Color lake and making same. Violet.....	R. Kirchhoff and L. Kerkovius.....	820,052	May 8	2098	.....	122	531
Color-spraying apparatus.....	H. Mikorey.....	835,888	Nov. 13	1971	418	125	536
Color-spraying device with interchangeable color-receptacle. Hand-operated.....	H. Mikorey.....	835,708	Nov. 13	1635	348	125	456
Colors for printing on fabrics. Producing metallic or lustrous.....	L. Lilienfeld.....	815,600	Mar. 20	3238	.....	121	813
Colors with fatty acids and making same. Compounds of organic.....	B. Homolka and J. Erber.....	839,590	Dec. 25	4584	.....	125	2616
Coloring-machine.....	C. L. Burdick.....	822,578	June 5	692	140-1	122	1880
Coloring-matter for producing silk-like or pearl-luster effects.....	L. Lilienfeld.....	834,739	Oct. 30	5686	.....	124	2786
Coloring-matter lake.....	C. Immerheiser.....	833,602	Oct. 16	3230	.....	124	2086
Coloring-matters. Making indigo.....	H. S. A. Holt.....	820,869	May 15	3729	.....	122	949
Coloring-matters. Reduction of indigo.....	R. Wimmer.....	820,900	May 15	3822	.....	122	969
Coloring or painting composition.....	R. W. Cornelison.....	816,648	Apr. 3	215	.....	121	1408
Colter.....	J. Moeller.....	817,083	Apr. 3	1052	218	121	1591
Colter.....	T. Machia.....	833,789	Oct. 23	3592	769	124	2218
Colter and stubble-turner.....	C. S. Upton.....	836,544	Nov. 20	3264	694	125	904
Colter attachment for plows. Adjustable.....	S. Dodge.....	835,101	Nov. 6	463	93	125	121
Colter attachment for potato-diggers.....	A. L. Hoover.....	831,346	Sept. 18	2915	618	124	788
Colter. Disk.....	G. Dillingham.....	829,696	Aug. 28	4115	872	123	2503
Colter standard and fork attachment. Rolling.....	P. A. Shanklin.....	811,447	Jan. 30	5724	1199	120	1400
Column.....	A. H. Flowers.....	812,033	Feb. 6	1015	221	120	1695
Column.....	T. F. McCarthy.....	813,318	Feb. 20	3596	790	120	2355
Column.....	F. P. Angell.....	826,082	July 17	2859	593	123	762
Column.....	E. W. Chambers.....	836,562	Nov. 20	3297	703	125	912
Column.....	I. W. Numan.....	838,571	Dec. 18	2583	558	125	2082
Column and column-cap.....	J. J. Tresidder.....	820,155	May 8	2313	505	122	578
Column. Building.....	T. L. Green.....	817,241	Apr. 10	1377	287	121	1724
Column-cap.....	J. R. Gray.....	835,884	Nov. 13	1966	416-17	125	535
Column cap and base. Combined.....	J. Lally.....	816,480	Mar. 27	5086	1079	121	1261
Column-clamp.....	J. L. Goss.....	829,266	Aug. 21	3198	671	123	2532
Column for building construction.....	G. F. Thorn.....	835,718	Nov. 13	1652	351	125	460
Column. Metal.....	A. W. Ford.....	836,673	Nov. 27	3536	754	125	1003
Column. Solid-rim wood.....	L. A. Robinson and H. Bible.....	813,450	Feb. 27	3864	847	120	2473
Column-support.....	F. M. Sischo.....	822,995	June 12	1518	316	122	2108
Column. Veneered.....	H. L. Manning.....	834,391	Oct. 30	5026	1064	124	2618
Columns. Capital for.....	F. X. Ferg.....	832,467	Oct. 2	904	174	124	1429
Comb.....							
See Currycomb. Slasher-comb.							
Ornamental comb. Warper-comb.							
Scalp-comb.....							
Comb.....	C. M. Shubert.....	812,241	Feb. 13	1475	322	120	1861
Comb.....	E. C. Macartney.....	823,131	June 12	1823	376	122	2173
Comb.....	C. J. Smith.....	829,235	Aug. 21	3121	657	123	2513
Comb.....	D. C. Lockwood.....	832,864	Oct. 9	1721	355	124	1667
Comb.....	F. Fontneau.....	832,899	Oct. 9	1784	368	124	1682
Comb and comb-cleaner combined.....	C. W. Taylor.....	820,533	May 15	3077	662	122	807
Comb and comb-cleaner combined.....	C. W. Taylor.....	820,534	May 15	3078	662	122	807
Comb attachment. Hair.....	U. L. Berger.....	828,872	Aug. 21	2364	502	123	2319
Comb case and cleaner. Combined.....	A. O. Craven.....	815,798	Mar. 20	3682	776	121	908
Comb-cleaner.....	W. H. Long.....	814,713	Mar. 13	1449	303	121	376
Comb-cleaner.....	E. Layton.....	823,128	June 12	1819	374	122	2172
Comb-cleaner.....	M. V. Fern.....	829,705	Aug. 28	4136	875	123	2807

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Comb-cleaner.....	E. Hechheimer.....	832,258	Oct. 2	491	92	124	1332
Comb-cleaner.....	A. B. Hughes and A. Rose.....	836,501	Nov. 20	3175	672	125	883
Comb-fastener.....	G. H. Smith and J. Stieglitz.....	823,555	June 19	2695	570	122	2421
Combs. Making.....	W. M. Stone.....	823,001	June 12	1530	318-19	122	2110
Combs. Making.....	J. Koenig.....	827,733	Aug. 7	75	15	123	1688
Combining and drawing machine.....	E. Crepy and L. Fremaux.....	812,550	Feb. 13	2095	459-60	120	1993
Combining and like machines. Doffing mechanism for.....	L. Rawlinson.....	835,200	Nov. 6	650	134	125	165
Combining-machine.....	E. H. Rooney.....	822,479	June 5	475	97-8	122	1828
Combining machine. Cotton.....	O. L. Owen and E. H. Rooney.....	822,549	June 5	621	124-5	122	1863
Combining machine. Cotton, wool, &c.....	F. W. Chadderton.....	823,844	June 19	3231	683	122	2540
Combining machine, gill-box, &c. Wool.....	S. Ormondroyd and J. F. White.....	818,707	Apr. 24	4327	928	121	2467
Combining machine. Wool.....	I. Best.....	811,817	Feb. 6	530	118	120	1598
Combining machines. Sliver-conductor and apron-guide for wool.....	J. A. Reynolds.....	828,968	Aug. 21	2552	540	123	2366
Combining-machines. Stop-motion especially adapted for.....	W. Henry.....	824,787	July 3	201	36	123	58
Combining or the like. Dabbing mechanism used in wool.....	E. and J. Greenwood.....	838,321	Dec. 11	2094	453	125	1918
Combination-gage.....	F. Gump.....	809,562	Jan. 9	1926	400	120	456
Combination-gage.....	J. D. Cann.....	826,311	July 17	3282	678	123	862
Combination-indicator.....	G. L. Van Nostrand.....	833,098	Oct. 9	2154	453	124	1773
Combination-lock.....	E. E. Quaintance.....	817,388	Apr. 10	1662	352	121	1783
Combination-lock.....	D. H. Cleveland.....	818,414	Apr. 24	3723	799	121	2337
Combination-lock.....	J. J. Deal.....	820,557	May 15	3123	672	122	816
Combination-lock.....	F. S. Wilcox.....	839,795	Dec. 25	5005	1069	125	2719
Combination-rack.....	J. S. Oliver and C. J. Thomas.....	812,081	Feb. 6	1096	240	120	1712
Combustion apparatus.....	W. H. Ricker.....	831,299	Sept. 18	2824	596	124	765
Combustion. Apparatus for promoting.....	G. R. Barns.....	819,400	May 1	742	157	122	168
Combustion. Conducting.....	H. L. Doherty.....	819,127	May 1	188	38	122	48
Combustion-engine.....	F. Reichenbach.....	811,744	Feb. 6	389	84	120	1571
Combustion-engine.....	C. Weidmann.....	837,989	Dec. 11	1410	307	125	1748
Combustion. Method of.....	O. Bender.....	818,221	Apr. 17	3339	716	121	2201
Combustion. Regulating.....	P. Larsen.....	824,728	July 3	59	12	123	19
Comminuting-machine.....	A. E. Iveson and A. R. Wilson.....	812,749	Feb. 13	2457	539	120	2065
Commode.....	W. C. Feely.....	818,821	Apr. 24	4565	979	121	2518
Commode.....	A. W. Kinter.....	829,160	Aug. 21	2979	623	123	2478
Commutator.....	W. L. Waters.....	823,568	June 19	2715	575	122	2425
Commutator.....	R. S. White.....	832,353	Oct. 2	670	129	124	1373
Commutator-brush holder.....	S. S. Seyfert.....	837,425	Dec. 4	297	71-2	125	1430
Commutator-brush holder.....	O. M. Stiegler.....	839,522	Dec. 25	4459	951	125	2586
Compartment-box for bottles or the like.....	H. Phillips.....	818,190	Apr. 17	3282	702	121	2190
Compass. Beam.....	A. A. Merritt.....	811,237	Jan. 30	5342	1116	120	1320
Compass. Beam.....	T. N. Badger.....	812,322	Feb. 13	1639	360	120	1899
Compass direction of moving objects. Ascertaining the.....	I. Kitsee.....	811,852	Feb. 6	600	131	120	1612
Compass-indicating apparatus.....	B. V. How.....	810,866	Jan. 23	4576	953	120	1120
Compass. Mariner's.....	W. Thomson and F. W. Clark.....	816,618	Apr. 3	156	32	121	1396
Compass. Mariner's.....	F. A. Strassweg.....	835,840	Nov. 13	1885	399	125	519
Compasses.....	H. Kern.....	814,453	Mar. 6	918	188	121	199
Compasses. Adjusting device in.....	G. Schoenher.....	824,311	June 26	4103	878	122	2785
Compasses. Adjusting mechanism for screw-threaded needle-point insertions of.....	J. Eichmüller.....	808,644	Jan. 2	47	10	120	13
Compasses. Ellipse.....	C. E. Keel.....	817,645	Apr. 10	2167	460	121	1888
Compasses. Oval.....	C. Schreiber.....	835,164	Nov. 6	581	118	125	147
Compasses. Tape.....	E. L. Saxton.....	838,463	Dec. 11	2375	515	125	1987
Compo-board machine.....	C. J. Johnson and W. B. Porter.....	808,756	Jan. 2	266	57-8	120	61
Composing-machine.....	J. S. Banerolt and M. C. Indahl.....	828,451	Aug. 14	1532	323	123	2077
Composite block and making same.....	F. W. Dunnell.....	823,038	June 12	1615	122	2130	
Composite construction. Tension member for.....	J. Kahn.....	816,334	Mar. 27	4784	1013	121	1197
Composition.....	J. W. Hopper.....	829,155	Aug. 21	2965	123	2475	
Composition of matter.....	D. Lichtenstein.....	809,068	Jan. 2	873	120	193	
Composition of matter.....	B. C. Senton.....	809,472	Jan. 9	1759	120	420	
Composition of matter.....	L. S. Van Westrum.....	814,750	Mar. 13	1517	121	392	
Composition of matter.....	H. Friedmann.....	824,475	June 26	4464	122	2861	
Composition of matter.....	L. F. Johnson.....	827,977	Aug. 7	567	123	1812	
Composition of matter.....	J. Spittall.....	832,755	Oct. 9	1484	124	1610	
Composition of matter.....	M. W. Belque.....	834,252	Oct. 30	4754	124	2550	
Composition of matter.....	W. H. Smith.....	837,351	Dec. 4	150	125	1392	
Composition of matter and making same.....	D. Genese.....	834,718	Oct. 30	5654	1199	124	2779
Composition post or analogous structure.....	R. B. Bennett.....	829,940	Sept. 4	1	1	124	3
Composition. Priming.....	K. W. Will.....	827,768	Aug. 7	165	123	1711	
Compositions in stick form. Receptacle or holder for.....	G. J. Orange.....	824,137	June 26	3768	804	122	2713
Compound.....	J. R. Peck.....	829,031	Aug. 21	2684	123	2398	
Compound engine.....	S. E. Stevenson.....	836,223	Nov. 20	2623	125	749	
Compound engine.....	J. Venator.....	810,589	Jan. 23	4063	836	120	1007
Compound engine and pump.....	I. H. Boyer.....	837,785	Dec. 4	1008	225	125	1603
Compound of the anthraquinone series and making same.....	J. D. Reekie.....	836,141	Nov. 20	2458	517	125	709
Compound of the anthraquinone series and making same.....	R. H. Scholl.....	828,778	Aug. 14	2175	123	2241	
Compound rotary engine.....	E. Waldron.....	822,410	June 5	347	71-2	122	1801
Compound spring.....	J. L. Adams, Jr.....	820,944	May 15	3905	833	122	988
Compress.....	A. B. Little.....	831,362	Sept. 18	2937	623	124	793
Compress-heating appliance.....	K. R. Leopold.....	825,138	July 3	892	188	123	235
Compressed-air motor.....	I. W. Ammon.....	828,295	Aug. 14	1216	252-4	123	1997
Compressor.....	H. Mikorey.....	813,443	Feb. 27	3854	844	120	2470
Compressor-cooler.....	W. Prellwitz.....	810,670	Jan. 23	4209	870-1	120	1041
Compressor or pump. Rotary.....	L. H. Rogers.....	838,458	Dec. 11	2359	512-13	125	1983
Compressors. Relief device and attachment for.....	R. Conrader.....	823,845	June 19	3235	683-4	122	2540
Compressors. Unloader for compound.....	F. V. Longacre.....	834,627	Oct. 30	5479	1163	124	2733
Compressors. Unloader for single-acting.....	F. V. Longacre.....	834,626	Oct. 30	5477	1162	124	2732
Computing device.....	G. M. Brown.....	809,605	Jan. 9	2026	420	120	477
Computing device.....	W. H. Watson.....	814,485	Mar. 6	986	202-3	121	215
Computing instrument. Fraction.....	W. T. Brewer.....	819,689	May 1	1288	281	122	289
Computing-machine.....	D. W. Shiek.....	817,450	Apr. 10	1798	378-9	121	1812
Computing machine. Interest.....	C. A. Marble.....	819,667	May 1	1233	269-71	122	277
Computing mechanism.....	J. A. Smith.....	825,494	July 10	1656	345-7	123	448

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Di'g.	Vol.	Page.
Computing mechanism for weighing-scales.	J. T. Hier, Jr.	827,015	July 24	4708	982	123	1240
Concentrator.	Q. Bent.	815,673	Mar. 20	3392	709	121	848
Concentrator.	H. H. Campbell.	815,679	Mar. 20	3409	712	121	852
Concentrator.	M. P. Boss.	822,912	June 12	1358	282-3	122	2071
Concentrator.	E. Peters, G. E. Bauder, and A. D. Campbell.	828,963	Aug. 21	2541	538	123	2365
Concentrator.	J. P. Shumway.	838,468	Dec. 11	2382	516	125	1989
Concentrator. Frue.	L. R. Tulloch.	809,648	Jan. 9	2115	438	120	494
Concentrator. Solution.	J. U. Lloyd.	808,997	Jan. 2	748	162	120	165
Concentrators. Floating-metal-saving device for.	C. L. Morgan and J. F. Hoheisel.	829,884	Aug. 28	4506	950-1	123	2899
Concentrating-table.	J. G. Kirksey.	831,007	Sept. 11	2210	467	124	584
Concrete and metal structure.	R. A. Cummings.	815,409	Mar. 20	2902	602	121	740
Concrete and other masonry. Supporting forms used in the construction of	M. W. Brown.	814,585	Mar. 6	1167	244	121	253
Concrete and similar structures. System of reinforcement for	D. B. Luten.	830,483	Sept. 4	1182	246	124	292
Concrete and the like. Tension-bar for use in.	J. F. Golding.	815,157	Mar. 13	2323	486	121	563
Concrete. Apparatus for forming artificial-stone building-blocks from	A. A. Pauly.	822,013	May 29	6053	1290-1	122	1580
Concrete. Apparatus for lining tunnels with.	J. W. Reno.	816,040	Mar. 27	4173	884	121	1067
Concrete articles. Making ornamented molded	G. H. Bartlett.	829,249	Aug. 21	3146	663	123	2518
Concrete beams or other concrete structures. Metal reinforcement for	J. Snowball.	826,375	July 17	3404	705	123	892
Concrete block.	W. Kupper.	833,721	Oct. 16	3452	737	124	2136
Concrete block and brick machine. Combination	W. S. Barker.	839,092	Dec. 25	3588	776	125	2372
Concrete-block-forming machine.	E. C. Glatfelter.	812,336	Feb. 13	1664	366	120	1904
Concrete-block machine.	J. A. Blake and J. Kenrich.	809,901	Jan. 9	2563	530-1	120	596
Concrete-block machine.	T. C. Holt.	821,642	May 29	5332	1135-6	122	1419
Concrete-block machine.	D. J. Ames.	828,994	Aug. 21	2606	549-50	123	2381
Concrete-block machine.	C. Clayton.	830,132	Sept. 4	466	94	124	117
Concrete-block machine.	W. S. Barker. (Reissue).	12,542	Oct. 23	4699	995	124	2490
Concrete-block-making machine.	M. Rice.	820,129	May 8	2259	491	122	567
Concrete-block-making machine.	W. H. Fulcher.	824,924	July 3	497	98	123	132
Concrete-block-making machine.	C. O. Brandell.	825,107	July 3	829	172-3	123	220
Concrete-block-making machine.	H. S. Palmer.	828,767	Aug. 14	2144	454-5	123	2233
Concrete-block-making machine.	W. G. Tower.	837,520	Dec. 4	474	108	125	1474
Concrete-block mold.	J. M. Pettyjohn.	810,343	Jan. 16	3513	724	120	850
Concrete-block mold and block.	C. K. Lambie.	813,721	Feb. 27	4389	968-9	120	2588
Concrete-block-molding flask.	J. Hamm.	810,053	Jan. 16	2923	609	120	727
Concrete-block-molding flask.	J. Hamm. (Reissue).	12,580	Dec. 18	3549	767	125	2320
Concrete-block-molding machine.	W. G. Bennett and J. F. Seyfang.	810,025	Jan. 16	2840	587	120	707
Concrete blocks. Finishing the faces of	S. R. Ball.	829,380	Aug. 28	3432	722	123	2635
Concrete blocks. Means for handling	G. C. Wight and T. V. Galassi.	837,165	Nov. 27	4552	965	125	1255
Concrete bodies. Forming hollow	H. Z. Kline.	830,840	Sept. 11	1920	402	124	515
Concrete bodies. Machine for molding	J. Westenhuber and A. Wehrle.	838,226	Dec. 11	1914	410	125	1874
Concrete-brick machine.	M. A. Winget. (Reissue).	12,444	Jan. 30	5892	1236	120	1436
Concrete-brick-pressing machine.	G. W. Dy Arman.	821,031	May 22	4118	875-6	122	1096
Concrete bricks or blocks. Molding	H. H. Spears.	814,742	Mar. 13	1503	318	121	389
Concrete-bridge reinforcement.	W. Porten.	818,286	Apr. 17	3463	745-6	121	2227
Concrete-building-block.	G. M. Cheney.	820,921	May 15	3868	824	122	979
Concrete building-block.	W. A. Haller and J. W. Billingsley.	810,748	Jan. 23	4345	903	120	1071
Concrete building-block.	D. J. Ames.	828,993	Aug. 21	2604	549	123	2380
Concrete building-block.	P. W. Gaylor and W. Dubee.	829,711	Aug. 28	4144	877	123	2810
Concrete building-block machine.	A. Lough.	835,027	Nov. 6	306	65	125	79
Concrete-building-block-making machine.	I. E. Yarnell.	822,333	June 5	218	44-5	122	1774
Concrete-building-block mold.	J. Jaeger.	839,388	Dec. 25	4171	892-3	125	2516
Concrete-building-block press.	J. B. Francisco.	838,704	Dec. 18	2839	610	125	2145
Concrete building-blocks. Machine for manufacturing	J. A. Ferguson.	812,416	Feb. 13	1820	398-9	120	1936
Concrete building-blocks. Machine for manufacturing hollow	W. H. McDowell.	813,573	Feb. 27	4119	902-3	120	2531
Concrete building-blocks or veneer-blocks. Machine for manufacturing solid	F. A. Borst and J. Groscop. (Reissue.)	12,578	Dec. 18	3542	766	125	2318
Concrete building-blocks. Machine for manufacturing solid	R. Edmondson.	816,542	Mar. 27	5215	1106	121	1291
Concrete building-construction.	J. B. Hinchman.	811,560	Feb. 6	47	10	120	1495
Concrete building-construction.	J. B. Hinchman.	836,683	Nov. 27	3558	758	125	1010
Concrete building-stone. Machine for molding	R. E. Taylor.	832,637	Oct. 9	1251	252	124	1554
Concrete building-walls. Making	A. I. Dexter.	836,368	Nov. 20	2912	617	125	818
Concrete building-walls. Making	A. I. Dexter.	836,369	Nov. 20	2913	617	125	819
Concrete casings. Fittings for.	F. A. Koettiz.	825,604	July 10	1891	400	123	503
Concrete chimney-top.	J. Baumgartner.	831,699	Sept. 25	3655	764	124	1019
Concrete-cistern-molding form.	J. H. Wiest.	820,160	May 8	2321	506-7	122	579
Concrete column and the like.	R. A. Cummings.	828,931	Aug. 21	2484	526	123	2351
Concrete column. Metal-reinforced.	R. A. Cummings.	822,587	June 5	719	145	122	188
Concrete-constructing machine.	A. A. Pauly.	829,227	Aug. 21	3110	654	123	2511
Concrete construction.	F. M. Henry and J. G. Madden.	825,052	July 3	729	153	123	195
Concrete construction.	A. A. Pauly.	829,228	Aug. 21	3112	654	123	2511
Concrete construction.	W. T. McCarthy.	839,021	Dec. 18	3407	735	125	2282
Concrete construction. Anchoring device for	J. Schirra.	831,804	Sept. 25	3828	802	124	1062
Concrete construction for buildings. Reinforced.	C. P. Weeks.	825,627	July 10	1988	414	123	531
Concrete-constructing form.	H. W. Hathaway.	821,869	May 29	5779	1231-2	122	1519
Concrete construction. Reinforced.	C. H. Black.	813,540	Feb. 27	4045	886	120	2515
Concrete construction. Reinforced.	A. Tosy.	836,619	Nov. 20	3392	723	125	933
Concrete construction. Reinforcing	G. L. Peabody.	832,557	Oct. 2	1068	214-15	124	1470
Concrete construction. Reinforcing device for.	G. L. Peabody.	810,561	Jan. 23	4006	825	120	996
Concrete covering for structural members. Reinforced	R. Anderson.	835,723	Nov. 13	1663	352	125	463
Concrete cross-tie. Reinforced.	W. A. Bryant.	828,837	Aug. 14	2280	485	123	2269
Concrete curbing. Reinforced.	A. Thomas.	813,334	Feb. 20	3628	796	120	2362
Concrete dam. Laminated multiple-arch.	S. P. Brown.	818,738	Apr. 24	4389	940	121	2481
Concrete fence-post.	H. S. Young.	811,022	Jan. 30	4915	1025	120	1228
Concrete fence-posts. Mold for making	C. E. Stokoe.	810,579	Jan. 23	4049	833	120	1004
Concrete floors and beams. Reinforce-bar for	J. Babiczky.	832,583	Oct. 9	1139	228	124	1529
Concrete forms. Beam clamp and support for reinforced	W. H. Dillon.	825,284	July 3	1179	250	123	307
Concrete foundation for scales.	G. H. Birchard.	815,576	Mar. 20	3197	672	121	803

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Concrete girders, &c. Reinforcement for.	S. H. Woodruff.	820,839	May 15	3682	785	122	939
Concrete-metal construction. Tubular.	W. C. Hooper and P. Zucco.	822,047	May 29	6126	1304	122	1597
Concrete. Method of and apparatus for lining tunnels with	R. F. Tucker.	820,747	May 15	3463	743	122	891
Concrete-mixer.	C. R. Weaver.	818,929	Apr. 24	4758	1023	121	2560
Concrete-mixer.	J. Miller.	819,299	May 1	535	113	122	123
Concrete-mixer.	W. B. Martin.	820,428	May 15	2849	621	122	755
Concrete-mixer.	H. W. Hubbard.	820,928	May 15	3878	826	122	982
Concrete-mixer.	J. Dorweiler.	821,790	May 29	5643	1202	122	1489
Concrete-mixer.	C. S. Wert.	829,561	Aug. 28	3835	814-15	123	2736
Concrete-mixer.	H. Ericsson.	831,658	Sept. 25	3543	747	124	987
Concrete-mixer.	S. A. McGill.	838,439	Dec. 11	2324	503	125	1975
Concrete. Mixing.	P. C. Hains.	808,836	Jan. 2	416	91-2	120	92
Concrete-mixing machine.	W. H. Phillips.	824,204	June 26	3906	834-5	122	2744
Concrete-mixing machinery.	E. L. Ransome.	814,803	Mar. 13	1626	341	121	414
Concrete-mold.	F. M. Emerson.	811,135	Jan. 30	5137	1073	120	1274
Concrete-mold.	A. T. Foster and M. L. Jones.	820,188	May 8	2374	516	122	591
Concrete-mold.	I. L. Landis.	822,284	June 5	115	24	122	1753
Concrete-mold.	C. D. Brookshier and J. A. Ball.	836,798	Nov. 27	3810	811	125	1077
Concrete-molding apparatus.	A. A. Pauly and D. Heinselman.	839,782	Dec. 25	4986	1064-5	125	2715
Concrete or cement post mold.	R. F. Wright.	838,490	Dec. 11	2419	525	125	1997
Concrete or cement post or analogous structure.	G. F. Greene.	810,050	Jan. 16	2919	608	120	726
Concrete or cementitious building-blocks. Machine for molding	J. H. Henrickson.	830,899	Sept. 11	2011	423-4	124	538
Concrete pile.	J. Kahn.	827,535	July 31	5902	1223	123	1548
Concrete pile, pillar, &c.	G. L. Mouchel.	812,223	Feb. 13	1438	314	120	1854
Concrete pile. Reinforced.	W. H. Healy.	825,599	July 10	1878	397	123	500
Concrete piles. Setting.	F. Shuman.	817,595	Apr. 10	2076	438	121	1869
Concrete-post mold.	L. A. Pratt.	821,738	May 29	5531	1180	122	1462
Concrete-post mold.	W. J. Moore.	838,737	Dec. 18	2890	622	125	2157
Concrete posts. Staple-receiving clip for.	H. Giessel.	817,762	Apr. 17	2392	513	121	1994
Concrete railway-sleepers. Frame or reinforcement for	P. Chaudy.	839,730	Dec. 25	4877	1042	125	2687
Concrete. Reinforced.	E. B. Jarvis.	811,926	Feb. 6	783	171	120	1648
Concrete. Reinforced.	A. Thomas.	827,892	Aug. 7	389	82-3	123	1767
Concrete. Reinforced truss for.	E. B. Jarvis.	811,927	Feb. 6	784	171	120	1649
Concrete. Reinforcing-truss for.	E. B. Jarvis.	813,303	Feb. 20	3556	783	120	2348
Concrete. Reinforcing-truss for.	E. B. Jarvis.	825,884	July 10	2463	513	123	646
Concrete-roof structures. Mold for	J. J. Daniel.	828,719	Aug. 14	2056	433	123	2211
Concrete roofing.	O. J. Wilder.	835,088	Nov. 6	432	86	125	114
Concrete sectional conduit. Reinforced.	H. J. Keenan and E. J. Tobin.	825,392	July 10	1419	296	123	387
Concrete. Sectional girder and column of reinforced.	R. Grimm.	818,884	Apr. 24	4674	1003	121	2541
Concrete-slab crib. Double-interlocking.	M. J. Haney.	827,013	July 24	4704	981	123	1238
Concrete slabs or blocks and apparatus therefor. Method of making	W. R. Stanton, J. W. Knights, and W. Drake.	826,381	July 17	3413	707-8	123	894
Concrete-sewer construction. Form for.	R. J. Paul and W. C. Kershner.	821,824	May 29	5705	1215-16	122	1503
Concrete-steel construction.	W. Mueser.	815,619	Mar. 20	3279	688	121	822
Concrete-steel construction.	W. Mueser.	815,620	Mar. 20	3281	688	121	823
Concrete-steel construction.	E. M. Scofield.	824,594	June 26	4695	998-9	122	2912
Concrete-steel construction. Supporting device for reinforcing-bars of	E. M. Scofield.	824,595	June 26	4698	999	122	2912
Concrete structural work. Interior.	F. C. Caine.	809,090	Jan. 2	943	195	120	208
Concrete structure.	J. F. Ancona.	822,499	June 5	523	106	122	1840
Concrete-structure reinforcing device.	A. S. Pierson.	810,220	Jan. 16	3253	674	120	794
Concrete-structure tension or reinforcing device.	A. S. Pierson.	810,221	Jan. 16	3255	675	120	794
Concrete structures. Anchorage for.	J. A. Brown.	827,613	July 31	6055	1257	123	1589
Concrete structures. Apparatus for building hollow.	J. H. McCoy.	837,101	Nov. 27	4427	938	125	1225
Concrete structures. Mold for.	J. Preston.	833,894	Oct. 23	3847	817	124	2282
Concrete tanks and buildings. Holding and raising forms for building	F. E. Vansant.	828,076	Aug. 7	780	161	123	1864
Concrete. Tension member for reinforced.	J. Kahn.	835,758	Nov. 13	1732	369	125	479
Concrete wall.	V. F. Little and G. I. Gavett.	835,827	Nov. 13	1866	394	125	515
Concrete-wall-building device.	J. Milam.	839,496	Dec. 25	4407	940-1	125	2573
Concrete-wall construction.	E. F. Wiederholdt.	835,769	Nov. 13	1747	373	125	483
Concrete-wall construction. Mold for.	B. A. Mueller.	824,192	June 26	3883	828-9	122	2739
Concrete-wall constructions. Core for.	B. A. Mueller.	824,193	June 26	3886	829	122	2739
Concrete-wall-forming apparatus.	H. P. Engelhardt.	830,893	Sept. 11	2003	421	124	535
Concrete-wall house construction.	E. E. Schachner.	824,823	July 3	286	51	123	75
Concrete-wall-making machine.	A. J. Stoesser.	839,667	Dec. 25	4750	1015	125	2656
Concrete-wall mold.	J. L. Richardson.	812,365	Feb. 13	1710	375-6	120	1916
Concrete-wall mold.	J. J. Daniel.	827,712	Aug. 7	31	8	123	1678
Concrete-wall mold.	A. C. Burns.	836,667	Nov. 27	3521	751	125	999
Concrete walls. Construction of.	D. Ewart.	829,329	Aug. 21	3324	699	123	2563
Concrete walls. Means for constructing.	C. H. Bellars.	821,277	May 22	4590	978	122	1200
Concrete window construction.	F. B. Gilbreth.	835,241	Nov. 6	737	153	125	186
Concrete-work. Temporary framing for use in.	R. Anderson.	835,724	Nov. 13	1663	353	125	463
Condenser.	J. F. Grace.	809,679	Jan. 9	2171	449	120	509
Condenser.	G. M. Newhall.	815,031	Mar. 13	2071	434	121	506
Condenser.	L. Schutte.	816,043	Mar. 27	4178	885-6	121	1068
Condenser.	H. C. Ruggles.	816,602	Apr. 3	111	24	121	1381
Condenser.	C. H. Wheeler and J. J. Mullan.	817,458	Apr. 10	1817	381	121	1816
Condenser.	C. H. Wheeler.	818,322	Apr. 17	3543	759	121	2243
Condenser.	W. W. Massie.	820,363	May 8	2705	590	122	665
Condenser.	R. C. Winder.	822,807	June 5	1141	234	122	1978
Condenser.	W. Schwanhauser.	824,312	June 26	4104	878	122	2786
Condenser.	J. Stumpf.	825,281	July 3	1171	248	123	305
Condenser.	C. L. Heisler.	825,831	July 10	2369	494	123	624
Condenser.	F. Engleitner.	826,773	July 24	4255	884	123	1130
Condenser.	N. P. Towne.	827,479	July 31	5784	1200	123	1519
Condenser.	C. Mild.	828,042	Aug. 7	703	145	123	1844
Condenser.	J. Schwager.	828,060	Aug. 7	752	155	123	1856
Condenser.	E. R. Edson.	833,376	Oct. 16	2741	578	124	1971
Condenser.	T. W. Toney.	836,618	Nov. 20	3390	722	125	932
Condenser and feed-water heater.	J. Jeklin.	815,431	Mar. 20	2941	610	121	749
Condenser and making same.	M. K. McGrath.	825,405	July 10	1442	302	123	392
Condenser and water-purifier.	W. McIntyre.	824,880	July 3	403	77	123	110

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Orig.	Vol.	Page.
Condenser. Exhaust-.....	J. C. Fountain.....	834,514	Oct. 30	5247	1115	124	2075
Condenser. Hydraulic.....	R. Reister.....	819,596	May 1	1096	241	122	246
Condenser. Jet.....	L. von Tresekow.....	820,325	May 8	2633	573	122	649
Condenser or pump. Rotary.....	B. F. Bergh.....	830,636	Sept. 11	1513	313	124	407
Condenser-regulating device.....	A. H. Helander.....	829,964	Sept. 4	62	11	124	15
Condenser. Steam.....	J. A. Dillon.....	813,486	Feb. 27	3937	864	120	2490
Condenser. Steam.....	A. Pennell.....	827,114	July 31	4942	1032	123	1310
Condenser. Steam.....	P. H. Sellers.....	835,260	Nov. 6	772	162	125	195
Condenser. Steam.....	W. F. Fricke.....	838,314	Dec. 11	2082	450	125	1314
Condensers. Machine for forming clay.....	L. E. Vanatta.....	832,177	Oct. 2	311	60	124	1291
Condensers. Making electric.....	H. P. Clausen.....	836,863	Nov. 27	3919	837	125	1104
Condensers. Multiple contact for electrical.....	J. F. Skirrow.....	832,632	Oct. 9	1240	250	124	1552
Condensers. Vacuum-breaker for.....	B. C. Woodford.....	811,990	Feb. 6	928	203	120	1678
Condiment-holder.....	D. Jones.....	813,649	Feb. 27	4257	935	120	2560
Condiment-holder.....	S. M. Van Blarcom.....	815,883	Mar. 20	3861	818	121	944
Condiment-holder.....	W. J. Bain.....	824,058	June 19	3639	774	122	2627
Condiment-holder.....	P. J. A. Schnoor.....	824,443	June 26	4391	934	122	2843
Condiment-holder.....	W. Ebbing.....	830,142	Sept. 4	485	98	124	122
Condiment-holder.....	J. B. Williamson.....	834,096	Oct. 23	4404	936	124	2415
Condiment-receptacle.....	A. L. Talbott.....	836,615	Nov. 20	3386	721	125	931
Conductor. Protected.....	A. M. Lougee.....	809,313	Jan. 9	1419	287	120	346
Conduit-box. Interior.....	F. W. Erickson.....	838,778	Dec. 18	2979	642	125	2178
Conduit-clamp.....	J. Staples.....	814,092	Mar. 6	183	37	121	40
Conduit construction. Metal.....	T. J. Moore and E. Ball.....	838,263	Dec. 11	2002	429	125	1895
Conduit-coupling.....	W. W. Carpenter.....	825,583	July 10	1847	392	123	493
Conduit. Curb.....	J. C. Marriott.....	814,308	Mar. 6	612	126-7	121	132
Conduit-elbow.....	C. C. Sibley and G. A. Lutz.....	834,687	Oct. 30	5591	1186	124	2762
Conduit. Flexible.....	G. A. Lutz and C. C. Sibley.....	825,227	July 3	1073	227	123	280
Conduit outlet-box.....	A. Frantzen and W. H. Rattenbury.....	826,097	July 17	2888	599	123	709
Conduit-receptacle.....	F. T. Wheeler.....	825,995	July 17	2682	556	123	718
Conduit-sealing.....	J. W. Turner.....	815,237	Mar. 13	2494	520	121	603
Conduit. Underground.....	H. B. Bump.....	833,870	Oct. 23	3792	805	124	2268
Conduits. Apparatus for making fibrous.....	S. Palmer and M. M. Waterman.....	817,187	Apr. 10	1270	26304	121	1701
Conduits. Base for supporting switches and the like upon.....	C. C. Sibley and G. A. Lutz.....	834,686	Oct. 30	5589	1186	124	2762
Conduits for wires, cables, &c. Apparatus for constructing.....	H. Rosner.....	820,672	May 15	3326	713-14	122	859
Conduits. Making hermetically-sealed.....	A. S. Dixon.....	825,589	July 10	1860	394	123	496
Conduits. Means for holding receptacles and the like to.....	G. A. Lutz.....	834,829	Oct. 30	5891	1248	124	2837
Confection apparatus.....	E. H. Lanier and F. K. Driesbach.....	839,488	Dec. 25	4382	936-7	125	2567
Confection forming and wrapping machine.....	D. T. Igou.....	833,785	Oct. 23	3573	763-5	124	2214
Confection-forming machine.....	D. T. Igou.....	833,786	Oct. 23	3582	765-6	124	2215
Confection-machine.....	R. W. H. Crabb.....	829,097	Aug. 21	2820	592	123	2438
Confectioner's machine.....	W. M. Cranston and C. C. Huling.....	832,241	Oct. 2	460	85	124	1324
Confectioner's sizing and cutting machine.....	G. F. Dickson.....	809,498	Jan. 9	1809	373	120	432
Confectioner's work-table.....	L. Schendt.....	811,179	Jan. 30	5224	1093	120	1293
Confectionery-coating machine.....	W. H. Weeks.....	820,030	May 8	2048	449-50	122	519
Confectionery-machine.....	H. Schaperjahn.....	826,118	July 17	2925	607	123	777
Confetto-cannon.....	R. Kliemandt.....	825,843	July 10	2394	499	123	630
Connecting-ring.....	F. H. Engeman.....	838,611	Dec. 18	2661	572	125	2100
Connecting-rod.....	J. F. Cook.....	815,068	Mar. 13	2131	449	121	520
Connecting-rod.....	J. A. Giles.....	822,361	June 5	265	56	122	1784
Connection. Flexible.....	A. Benson.....	839,260	Dec. 25	3928	844	125	2457
Construction material.....	W. Mueser.....	815,617	Mar. 20	3275	687	121	821
Construction materials.....	W. Mueser.....	815,618	Mar. 20	3277	688	121	822
Constructional sections. Making.....	G. Atterbury.....	828,833	Aug. 14	2273	484	123	2267
Contact device.....	A. Plecher.....	817,664	Apr. 10	2196	468	121	1895
Contact device.....	K. Thornberg.....	822,325	June 5	205	41	122	1771
Contact. Shoe.....	G. H. Fretts.....	818,947	Apr. 24	4794	1030	121	2569
Contact substances used for catalytic action. Treating.....	I. Kitsee.....	821,042	May 22	4139	880	122	1100
Contact system. Surface.....	F. E. Case.....	812,725	Feb. 13	2417	530	120	2055
Contact-wheel.....	E. L. Dunn.....	836,639	Nov. 20	3436	734	125	943
Container.....	F. L. Impey.....	825,972	July 17	2628	546	123	703
Container-closure.....	J. R. Harbeck.....	814,374	Mar. 6	759	153	121	168
Container-top.....	J. B. Williamson and A. V. Oldham.....	823,381	June 12	2318	486	122	2280
Continuous kiln.....	W. A. Butler.....	822,580	June 5	701	142	122	1882
Continuous kiln and drier. Combined.....	G. Curley.....	837,547	Dec. 4	525	121-2	125	1486
Continuous-piston engine.....	J. C. Jarvis.....	827,870	Aug. 7	351	75	123	1757
Control system.....	F. E. Case.....	809,774	Jan. 9	2344	484	120	547
Control system.....	F. E. Case.....	809,908	Jan. 9	2575	533	120	598
Control system.....	F. E. Case.....	818,349	Apr. 17	3587	768	121	2252
Control system. Multiple-unit.....	H. M. Harding and C. M. Clark.....	821,287	May 22	4610	983	122	1204
Controller.....	T. von Zweigbergk.....	817,031	Apr. 3	966	199	121	1573
Controller.....	H. E. White.....	825,367	July 10	1359	287	123	372
Controller.....	A. L. Cushman.....	828,388	Aug. 14	1397	295-6	123	2042
Controller.....	H. Lemp.....	829,794	Aug. 28	4329	915	123	2857
Controller.....	T. von Zweigbergk.....	839,250	Dec. 25	3907	840-1	125	2452
Controller and dimmer-switch. Combined.....	J. W. Pierce.....	827,663	July 31	6171	1281	123	1620
Controller-operating means.....	T. S. Perkins and R. P. Jackson.....	814,325	Mar. 6	659	132-3	121	144
Controller-operating means.....	A. J. Brown.....	815,578	Mar. 20	3201	673	121	804
Controller-regulator.....	J. V. E. Titus.....	821,768	May 29	5597	1192-3	122	1478
Controller-regulator.....	C. N. Butler.....	826,474	July 17	3592	748	123	939
Controller-regulator.....	J. P. Durkin.....	826,494	July 17	3689	764	123	970
Controller-regulator.....	J. P. Durkin.....	826,495	July 17	3690	764	123	970
Controller-switch.....	T. S. Perkins and R. P. Jackson.....	814,324	Mar. 6	657	132	121	144
Controlling apparatus.....	W. J. Richards.....	821,747	May 29	5556	1183	122	1468
Controlling apparatus. Irreversible.....	L. E. Remondy.....	823,971	June 19	3480	743	122	2594
Controlling device.....	B. G. Lamme.....	834,582	Oct. 30	5372	1140	124	2705
Controlling device.....	S. W. Wardwell.....	834,779	Oct. 30	5793	1229-30	124	2811
Controlling device for cars. Electric.....	J. H. K. McCollum. (Reissue).....	12,510	July 24	4843	1008-10	123	1272
Controlling-switch.....	H. P. Ball.....	831,404	Sept. 18	3012	640	124	811
Converter.....	G. T. Walker.....	811,006	Jan. 30	4890	1019-20	120	1223

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Converters. Lining.....	H. L. Charles.....	832,895	Oct. 9	1776	366	124	1680
Converters. Restraining ebullition in.....	A. Zenzes.....	836,909	Nov. 27	4040	.....	125	1131
Convertible table.....	J. Rozee.....	830,532	Sept. 11	1290	266-7	124	346
Conveyer.....	T. S. Miller and J. H. Dickinson.....	808,858	Jan. 2	452	100	120	101
Conveyer.....	J. W. Mackin.....	809,316	Jan. 9	1425	288-9	120	347
Conveyer.....	A. Tomkins.....	809,763	Jan. 9	2315	480	120	541
Conveyer.....	G. Lucas.....	809,827	Jan. 9	2429	504-5	120	567
Conveyer.....	G. C. Horst.....	810,149	Jan. 16	3100	640	120	762
Conveyer.....	C. K. Baldwin and T. Robins, Jr.....	810,605	Jan. 23	4094	843-4	120	1015
Conveyer.....	B. H. Bucher.....	811,125	Jan. 30	5092	1065-6	120	1265
Conveyer.....	W. B. Johnson.....	811,149	Jan. 30	5159	1078	120	1279
Conveyer.....	A. W. F. Steckel.....	811,180	Jan. 30	5225	1093-4	120	1293
Conveyer.....	A. J. Webster.....	811,190	Jan. 30	5246	1098	120	1299
Conveyer.....	H. M. Weathers.....	811,462	Jan. 30	5750	1204	120	1406
Conveyer.....	A. J. Webster.....	811,463	Jan. 30	5751	1204-5	120	1406
Conveyer.....	G. I. Ziemis.....	812,319	Feb. 13	1634	359-60	120	1898
Conveyer.....	C. W. Levalley.....	812,757	Feb. 13	2472	542	120	2067
Conveyer.....	C. H. Anderson.....	813,134	Feb. 20	3241	711-13	120	2283
Conveyer.....	F. R. Willson, Jr.....	813,474	Feb. 27	3915	859	120	2484
Conveyer.....	T. S. Miller and J. H. Dickinson.....	815,852	Mar. 20	3800	802-3	121	933
Conveyer.....	R. C. Hills.....	817,115	Apr. 3	1115	230-1	121	1608
Conveyer.....	H. Brown.....	818,225	Apr. 17	3349	718	121	2202
Conveyer.....	L. O. Miller.....	819,908	May 8	1741	374	122	453
Conveyer.....	F. F. Landis.....	823,418	June 12	2383	503	122	2295
Conveyer.....	G. Stitt.....	823,900	June 19	3340	711-12	122	2564
Conveyer.....	J. B. Scovell.....	826,066	July 17	2823	586-7	123	752
Conveyer.....	C. E. Christ.....	826,991	July 24	4666	971	123	1229
Conveyer.....	C. K. Baldwin.....	828,296	Aug. 14	1222	255	123	1997
Conveyer.....	L. Moss.....	828,331	Aug. 14	1298	274	123	2016
Conveyer.....	C. H. Anderson.....	831,495	Sept. 18	3182	673	124	856
Conveyer.....	C. W. Levalley.....	832,986	Oct. 9	1940	405	124	1718
Conveyer.....	M. C. Schwab.....	833,249	Oct. 16	2486	521	124	1905
Conveyer.....	J. H. Gilman.....	833,319	Oct. 16	2634	553	124	1944
Conveyer.....	J. H. Miles.....	833,474	Oct. 16	2967	630	124	2024
Conveyer.....	F. L. Clark.....	833,774	Oct. 23	3551	756-8	124	2209
Conveyer.....	W. J. Patterson.....	835,288	Nov. 6	821	171	125	208
Conveyer.....	F. N. Nelson.....	836,938	Nov. 27	4095	874	125	1144
Conveyer.....	I. Peabody.....	837,111	Nov. 27	4449	944	125	1232
Conveyer.....	G. W. King.....	838,119	Dec. 11	1688	363	125	1819
Conveyer.....	C. D. Seeburger.....	838,654	Dec. 18	2749	589	125	2122
Conveyer and elevator. Combined.....	A. Heim.....	829,648	Aug. 28	4012	850	123	2780
Conveyer attachment. Pneumatic.....	C. J. Harris.....	814,130	Mar. 6	256	49	121	57
Conveyer. Belt.....	T. Robins, Jr.....	810,510	Jan. 23	3904	803	120	975
Conveyer. Belt.....	R. M. Catlin.....	826,312	July 17	3284	678-80	123	862
Conveyer-belt support.....	A. W. F. Steckel.....	809,227	Jan. 2	1201	245	120	266
Conveyer. Bucket.....	R. Martin.....	835,798	Nov. 13	1806	383	125	499
Conveyer. Cable.....	A. M. Acklin.....	811,991	Feb. 6	930	203	120	1679
Conveyer. Chain.....	M. H. Ballard.....	833,111	Oct. 9	2184	459	124	1780
Conveyer-chute.....	F. R. Willson, Jr.....	813,473	Feb. 27	3912	858	120	2483
Conveyer-door.....	M. C. Schwab.....	833,344	Oct. 16	2680	565	124	1956
Conveyer-doors. Interlocking.....	M. C. Schwab.....	833,250	Oct. 16	2488	521	124	1905
Conveyer-drive.....	T. Robins, Jr., and E. E. Hersh.....	828,341	Aug. 14	1317	279	123	2021
Conveyer. Elevated.....	J. W. Cooper.....	834,194	Oct. 23	4611	978-9	124	2469
Conveyer-flights. Machine for forming.....	F. C. Caldwell.....	830,965	Sept. 11	2128	450-1	124	564
Conveyer for coke-retorts.....	H. A. Carpenter.....	812,977	Feb. 20	2914	642	120	2210
Conveyer. Grain-drill.....	F. C. Collins.....	835,810	Nov. 13	1839	388	125	509
Conveyer. Gravity.....	M. C. Schwab.....	817,278	Apr. 10	1456	306	121	1739
Conveyer. Gravity.....	C. O. Hiler.....	833,209	Oct. 16	2413	505	124	1886
Conveyer. Gravity.....	M. C. Schwab.....	833,251	Oct. 16	2491	522	124	1906
Conveyer. Gravity.....	C. O. Hiler.....	833,326	Oct. 16	2646	556	124	1947
Conveyer. Metal-bar.....	V. E. Edwards. (Reissue).....	12,520	Aug. 14	2347	499	123	2285
Conveyer-pipes. Distributing-nozzle for.....	O. E. Bray.....	816,897	Apr. 3	695	143	121	1513
Conveyer. Portable distributing.....	G. Wenzelmann and E. H. Overholt.....	822,412	June 5	351	73-4	122	1802
Conveyer-scoop.....	W. Crossley.....	810,917	Jan. 30	4713	983	120	1184
Conveyer. Shiftable.....	J. E. Camp.....	825,110	July 3	837	174	123	222
Conveyer system.....	I. S. Merrell.....	823,477	June 12	2506	527-8	122	2322
Conveyers. Device for operating trippers for belt.....	E. J. Mason and L. J. Robb.....	834,921	Nov. 6	86	17	125	25
Conveyers. Loose hopper for swinging.....	S. B. Hart.....	831,156	Sept. 18	2538	535	124	693
Conveyers. Roller-chain for.....	A. Johnson.....	812,655	Feb. 13	2286	497	120	2029
Conveying and elevating apparatus.....	A. J. Webster.....	811,189	Jan. 30	5243	1097-8	120	1298
Conveying apparatus.....	C. H. Locher.....	815,963	Mar. 27	4013	849	121	1030
Conveying apparatus.....	A. and J. M. Hall.....	816,910	Apr. 3	722	148	121	1518
Conveying apparatus.....	J. H. Gilman and A. J. Bennett.....	837,053	Nov. 27	4339	920-1	125	1203
Conveying apparatus. Pneumatic.....	A. C. Lynch.....	815,965	Mar. 27	4016	850	121	1031
Conveying device.....	I. E. Bendickson.....	814,933	Mar. 13	1847	387	121	461
Conveying materials. Apparatus for.....	H. Horn.....	835,526	Nov. 13	1295	278	125	371
Conveying system.....	R. B. Green.....	825,532	July 10	1742	367	123	467
Conveying system.....	H. W. Blaisdell.....	830,045	Sept. 4	268	54	124	66
Cook and frying pan. Family.....	P. A. Hanegraaf.....	810,859	Jan. 23	4554	948	120	1116
Cooker.....	W. G. Henderson and J. W. Weiss.....	812,564	Feb. 13	2118	464	120	1998
Cooker.....	N. T. Hanson.....	827,014	July 24	4706	981	123	1239
Cooker. Canned-goods.....	C. F. Gray.....	823,523	June 19	2632	553	122	2408
Cooker. Continuous steam.....	R. E. Scott and L. O. Steinhoff.....	812,154	Feb. 6	1263	276-7	120	1747
Cooker. Electric.....	G. J. Schneider.....	825,938	July 17	2569	534	123	686
Cooker. Feed.....	W. Fetzer.....	825,118	July 3	854	177	123	226
Cooker. Steam.....	J. Riggsbee.....	830,173	Sept. 4	542	111	124	137
Cooker. Steam.....	J. Mackey.....	837,485	Dec. 4	412	94	125	1459
Cooking apparatus.....	D. Appleton.....	822,569	June 5	676	138	122	1876
Cooking apparatus.....	W. E. Baxter.....	828,801	Aug. 14	2213	470-1	123	2252
Cooking apparatus.....	V. W. Blanchard.....	834,222	Oct. 23	4662	988-9	124	2482
Cooking apparatus.....	V. W. Blanchard.....	834,224	Oct. 23	4667	989	124	2483
Cooking apparatus.....	V. W. Blanchard.....	834,227	Oct. 23	4671	990	124	2484
Cooking apparatus. Self-acting.....	W. Aletter.....	836,357	Nov. 20	2891	613	125	814
Cooking apparatus. Steam.....	V. W. Blanchard.....	834,225	Oct. 23	4668	989	124	2483

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cooking-machine.....	H. A. Higbee.....	814,540	Mar. 6	1085	224-5	121	236
Cooking utensil.....	J. R. Nye.....	809,129	Jan. 2	1009	208	120	222
Cooking utensil.....	J. F. Ferry. (Reissue).....	12,452	Feb. 13	2560	563	120	2087
Cooking utensil.....	A. Gufler.....	814,129	Mar. 6	255	49	121	56
Cooking utensil.....	H. Elsner.....	817,476	Apr. 10	1857	390	121	1824
Cooking utensil.....	R. A. W. Krampitz.....	823,415	June 12	2379	501	122	2294
Cooking utensil.....	E. C. Howland.....	824,119	June 26	3736	797	122	2706
Cooking utensil.....	G. W. Probst.....	832,274	Oct. 2	521	99	124	1339
Cooking utensil.....	A. M. Andersen.....	835,876	Nov. 13	1947	412	125	531
Cooking utensil.....	L. E. Daniels.....	836,098	Nov. 20	2347	496	125	682
Cooking utensil.....	F. Millwee.....	836,983	Nov. 27	4188	891	125	1167
Cooking utensils. Mantle or jacket for.....	G. Sesseli.....	835,715	Nov. 13	1646	350	125	458
Cooky mold and cutter.....	F. A. Lohmann.....	825,849	July 10	2401	500	123	632
Cooler:							
See Beer-cooler.	Engine-cooler.						
Coffee-cooler.	Liquid-cooler.						
Compressor-cooler.	Milk-cooler.						
Cream-cooler.	Water-cooler.						
Cream and milk cooler.							
Cooler.....	B. Briscoe.....	810,030	Jan. 16	2855	589	120	710
Cooler.....	J. O. Daughtry.....	821,469	May 22	4997	1062	122	1290
Cooler.....	A. P. S. and P. Wohlpart.....	823,016	June 12	1572	326	122	2120
Cooler.....	D. M. Livingston.....	824,492	June 26	4492	952	122	2867
Cooler.....	D. M. Livingston.....	824,493	June 26	4493	952	122	2868
Cooler.....	J. Willmann.....	836,951	Nov. 27	4121	879	125	1156
Cooler and drier.....	A. W. French.....	825,955	July 10	1871	396	123	498
Cooler, cream-ripeners, and pasteurizer. Combined.....	D. W. Payne.....	816,181	Mar. 27	4466	945-6	121	1130
Cooler or condenser.....	J. Schneible.....	826,966	July 24	4619	963	123	1219
Cooling and condensing apparatus.....	L. P. Perkins and J. G. A. Kitchen.....	837,499	Dec. 4	434	98	125	1464
Cooling apparatus.....	M. L. Wolfe.....	815,773	Mar. 20	3624	762	121	896
Cooling apparatus.....	D. M. Livingston.....	821,422	May 22	4908	1043	122	1271
Cooling hot bodies. Means for.....	F. Sager.....	833,486	Oct. 16	2994	635	124	2029
Cooling-tower.....	C. H. Wheeler and L. L. Pratt.....	821,561	May 22	5160	1101	122	1323
Coop.....	M. C. Frits.....	831,221	Sept. 18	2655	558	124	720
Coop and brooder for young chickens. Combined.....	J. A. Clark.....	830,301	Sept. 4	810	166	124	203
Coop. Chicken.....	C. A. Harp.....	824,242	June 26	3990	854	122	2761
Coop. Chicken.....	J. W. Stevens.....	828,905	Aug. 21	2436	517	123	2338
Coop, crate, and other similar structure.....	B. F. White.....	838,484	Dec. 11	2410	523-4	125	1995
Coop. Folding chicken.....	C. J. Laidig.....	816,103	Mar. 27	4309	912	121	1096
Coop. Folding transportation poultry.....	L. D. Fowler.....	811,047	Jan. 30	4954	1034	120	1237
Coop. Poultry.....	W. H. Hodges.....	810,207	Jan. 16	3226	667-8	120	787
Coop. Poultry-shipping.....	F. M. Gault.....	809,558	Jan. 9	1918	398	120	455
Coop. Shipping.....	H. B. and T. B. Fry.....	826,324	July 17	3313	683-4	123	870
Cop-waste, &c. Worker-cylinder for machines for pulling, tearing, &c.,.....	H. A. Williams.....	815,395	Mar. 20	2871	596-7	121	732
Copper and nickel matte. Treating.....	J. A. Gilman.....	826,099	July 17	2891	600	123	769
Copper and other metals. Treating.....	J. A. Yuncik.....	825,100	July 3	817	.....	123	217
Copper and other values from certain ores. Recovering.....	T. J. Lovett.....	821,516	May 22	5080	1082	122	1307
Copper. Electrolytic production of.....	J. A. W. Borchers, P. R. Franke, and F. E. Günther.....	830,639	Sept. 11	1520	.....	124	408
Copper from solutions containing it. Recovery of.....	B. Comba.....	820,555	May 15	3117	671	122	815
Copper. Hardening.....	C. R. Plumer.....	822,299	June 5	154	.....	122	1762
Copper matte. Treating nickel.....	W. M. Johnson.....	825,056	July 3	735	.....	123	197
Copper ores. Treating.....	E. H. Hamilton.....	837,562	Dec. 4	559	.....	125	1495
Copper. Refining.....	R. Baggeley, C. M. Allen, and E. W. Lindquist.....	810,249	Jan. 16	3314	688	120	806
Copper separation.....	A. Elliott.....	814,836	Mar. 13	1683	352	121	427
Copper, zinc, &c., from their ores. Wet method of extracting.....	D. Lance.....	836,587	Nov. 20	3333	711	125	919
Copy-holder.....	J. S. Dudley.....	808,821	Jan. 2	392	85	120	87
Copy-holder.....	A. D. Long.....	809,310	Jan. 9	1412	287	120	345
Copy-holder.....	C. V. Shannon.....	811,962	Feb. 6	862	189	120	1664
Copy-holder.....	W. P. Swope.....	818,579	Apr. 24	4057	871	121	2406
Copy-holder.....	F. E. Whitaker.....	823,908	June 19	3354	715	122	2567
Copy-holder.....	A. Brown.....	824,405	June 26	4309	917	122	2826
Copy-holder.....	F. Drake.....	826,770	July 24	4251	883	123	1129
Copy-holder.....	J. J. Griffin.....	830,991	Sept. 11	2183	461	124	578
Copy-holder.....	F. C. Shobert.....	831,385	Sept. 18	2984	634	124	805
Copy-holder.....	A. Pratt.....	832,209	Oct. 2	390	72	124	1307
Copy-holder.....	C. M. Bartlett.....	834,553	Oct. 30	5314	1128	124	2691
Copy-holder.....	E. D. Holt.....	835,429	Nov. 6	1123	242	125	282
Copy-holder.....	J. H. Sharp.....	838,590	Dec. 18	2622	565	125	2091
Copy-holder.....	D. S. Moses and H. P. Hamilton.....	839,177	Dec. 25	3761	812	125	2416
Copy-holder. Rotary.....	W. P. Swope.....	818,580	Apr. 24	4058	871	121	2407
Copy-holder. Stenographer's.....	A. B. Reid.....	820,066	May 8	2138	465-6	122	540
Copying apparatus.....	F. Jaeger.....	811,065	Jan. 30	4983	1040	120	1243
Copying device.....	H. H. Harrison.....	823,860	June 19	3264	692	122	2547
Copying devices. Paper-holder for roller.....	P. H. Yawman.....	826,642	July 24	4009	830-1	123	1066
Copying-machine.....	B. M. Schuman.....	822,390	June 5	315	65	122	1794
Copying-machine.....	R. Schweers.....	835,561	Nov. 13	1355	291	125	385
Copying-press.....	F. E. Jagenberg.....	809,375	Jan. 9	1544	313-14	120	374
Copying-press.....	J. A. A. B. Ayesvives.....	829,246	Aug. 21	3141	661	123	2517
Copying-press.....	G. Bluen.....	834,657	Oct. 30	5537	1175	124	2748
Copying. Press.....	J. W. Ligon.....	823,691	June 19	2949	.....	122	2478
Copying press. Letter.....	G. H. Taylor.....	816,399	Mar. 27	4931	1048	121	1228
Copying-press. Rotary.....	C. E. Adamson.....	823,094	June 12	1741	358-9	122	2154
Cord-adjuster.....	G. B. Smith.....	833,009	Oct. 9	1983	414	124	1729
Cord and rope holder.....	L. L. Miller.....	819,363	May 1	672	142	122	154
Cord-clamp.....	E. Nelson.....	809,726	Jan. 9	2257	468	120	528
Cord-fastener.....	E. M. Comstock.....	811,381	Jan. 30	5615	1175	120	1379
Cord-fastener. Metallic.....	C. F. Methfessel and W. J. Hartson. (Reissue.).....	12,492	June 5	1340	277	122	2019
Cord-fastening device.....	D. A. Wedmore.....	816,140	Mar. 27	4387	927	121	1113
Cord knotter and cutter. Combined.....	J. E. Quinn.....	827,666	July 31	6178	1293	123	1622

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cord tension-alarm.....	C. Bransgrove.....	811,367	Jan. 30	5588	1167	120	1373
Core.....	M. H. Fletcher.....	820,858	May 15	3714	792	122	946
Core.....	W. P. Firey.....	827,223	July 31	5193	1078	123	1378
Core-baking oven. Sand.....	G. Harman.....	839,581	Dec. 25	4566	973-4	125	2611
Core-box cutter.....	F. E. Thomas.....	824,962	July 3	578	115	123	154
Core-drill.....	J. M. Smith, R. M. Downie, and F. W. Ransom.....	821,130	May 22	4316	919	122	1138
Core-extracting device.....	R. D. Kline.....	811,301	Jan. 30	5467	1140	120	1347
Core-forming machine. Sand.....	C. C. Kornis.....	812,852	Feb. 20	2660	583	120	2154
Core-making machine.....	C. A. Smith.....	812,606	Feb. 13	2196	478-9	120	2013
Core-making machine.....	J. S. Nicholson.....	824,433	June 26	4374	930	122	2839
Core-making machine.....	W. H. Larrison.....	827,541	July 31	5914	1226	123	1552
Core-making machine.....	F. A. Coles and F. Schmitz.....	837,798	Dec. 4	1031	230	125	1609
Core-making-machine agitator.....	J. S. Nicholson.....	828,567	Aug. 14	1768	372	123	2138
Core-oven.....	A. B. Day.....	816,967	Apr. 3	842	173	121	1544
Core vent and support. Combined metal.....	H. C. Caldwell.....	818,413	Apr. 24	3722	799	121	2337
Cores. Device for applying paste to.....	A. Gloor.....	839,471	Dec. 25	4349	930-1	125	2559
Corer. Apple.....	C. F. Roberts.....	820,015	May 8	2019	442	122	513
Cork-extractor.....	H. H. Dunn.....	810,476	Jan. 23	3837	788	120	959
Cork-extractor.....	J. Coomber.....	814,641	Mar. 6	1273	268	121	276
Cork-extractor.....	H. H. Dunn.....	819,130	May 1	193	39	122	49
Cork-extractor.....	W. H. Smith.....	820,022	May 8	2028	445	122	515
Cork-extractor.....	H. W. Noyes.....	824,807	July 3	255	46	123	71
Cork-extractor.....	S. Davis.....	832,540	Oct. 2	1037	208	124	1463
Cork fabric and making the same.....	P. Sechiari.....	824,675	June 26	4845	.....	122	2943
Cork. Preserving.....	H. Gronwald.....	830,831	Sept. 11	1898	396	124	509
Cork-rod-forming apparatus.....	H. F. Busch.....	832,717	Oct. 9	1413	285	124	1592
Corks. Attaching extractors to.....	W. H. Smith.....	820,072	May 8	2149	468	122	542
Corks. Attaching extractors to.....	W. H. Smith.....	823,448	June 12	2445	515	122	2308
Corkscrew.....	J. D. Coughlin.....	814,834	Mar. 13	1681	351-2	121	426
Corkscrew. Hand.....	M. A. N. Ansley.....	834,603	Oct. 30	5425	1152	124	2718
Corn and bunion cutter.....	K. Meis.....	836,266	Nov. 20	2720	579	125	773
Corn-crib.....	J. W. Engelke.....	817,165	Apr. 10	1221	252	121	1691
Corn-crib.....	W. Branch.....	837,786	Dec. 4	1012	225	125	1605
Corn-cutter.....	H. Willits.....	838,367	Dec. 11	2187	474-5	125	1940
Corn cutter and shocker.....	E. and H. S. Berry.....	813,851	Feb. 27	4656	1030	120	2646
Corn-cutting device.....	S. Hulls.....	825,218	July 3	1057	223	123	276
Corn-cutting machine.....	C. A. Young.....	818,650	Apr. 24	4213	905	121	2443
Corn-elevator.....	A. Otto, Jr.....	820,249	May 8	2502	540-1	122	620
Corn-elevator.....	A. Otto, Jr.....	828,239	Aug. 7	1075	225-6	123	1932
Corn-flour and producing the same.....	S. P. Wreford and M. Besteiro.....	826,983	July 24	4650	.....	123	1226
Corn gathering and husking machine.....	I. J. Ball.....	834,246	Oct. 30	4734	1002-3	124	2544
Corn-grader.....	C. Hunnicutt.....	824,720	July 3	46	8	123	16
Corn-hanging rack. Seed.....	J. Strange.....	831,484	Sept. 18	3168	670	124	852
Corn-holder.....	A. N. Gitterman.....	814,688	Mar. 13	1403	292	121	366
Corn hulling, degerminating, and hominying machine.....	M. L. Mowrer.....	825,186	June 12	1934	398-9	122	2199
Corn-husker.....	T. P. Walter.....	810,098	Jan. 16	3000	625	120	745
Corn-husker.....	M. M. and E. G. Johnson.....	811,067	Jan. 30	4985	1040	120	1243
Corn-husker.....	H. Rust.....	815,220	Mar. 13	2461	513	121	596
Corn-husker.....	H. C. Chapman.....	819,122	May 1	179	37	122	46
Corn-husker.....	R. G. Katz.....	821,962	May 29	5963	1270-1	122	1559
Corn-husker.....	S. A. Dillavou.....	833,735	Oct. 23	3475	742	124	2189
Corn huskers and shredders. Feeder for.....	E. F. Nash.....	818,549	Apr. 24	4004	859	121	2395
Corn-husking machine.....	O. Allen.....	820,329	May 8	2639	575	122	651
Corn-husking machine.....	W. G. Conover.....	822,187	May 29	6394	1358	122	1658
Corn-husking machine.....	I. N. Hoyt.....	833,214	Oct. 16	2420	507	124	1888
Corn-husking machine.....	N. Malone.....	835,707	Nov. 13	1631	347-8	125	454
Corn-husking machine. Green.....	A. P. Wolfe.....	837,445	Dec. 4	330	79-80	125	1438
Corn-husking machines. Ear-retarder for.....	H. Climer.....	825,516	July 10	1712	359-60	123	460
Corn-lifting device.....	J. H. Pitkin.....	826,880	July 24	4466	929	123	1179
Corn picker and husker.....	H. M. Miller.....	813,509	Feb. 27	3982	874	120	2500
Corn-popper.....	C. E. Hancock.....	815,817	Mar. 20	3714	783	121	915
Corn-popper.....	H. W. Eakins.....	808,734	Jan. 2	227	48-9	120	52
Corn-popper.....	G. W. Hancock.....	829,781	Aug. 28	4299	908	123	2849
Corn-popper.....	C. Stevens.....	830,937	Sept. 11	2085	440	124	553
Corn-popper.....	C. C. Fouts.....	834,898	Nov. 6	45	9	125	14
Corn-popping machine.....	W. Ryan.....	833,899	Oct. 23	3861	820	124	2286
Corn separator. Seed.....	C. L. Frisby.....	820,775	May 15	3520	755	122	904
Corn-sheller.....	J. L. Glenn, Jr.....	832,854	Oct. 9	1697	349-50	124	1662
Corn-sheller feeder.....	J. Tanner.....	829,181	Aug. 21	3027	631-2	123	2490
Corn-shock binder.....	J. C. Crosin.....	822,231	May 29	6476	1374	122	1678
Corn-shock loader and carrier.....	J. D. Kaylor.....	812,272	Feb. 13	1550	338	120	1879
Corn-shocker.....	O. Boyer.....	812,809	Feb. 20	2570	565-7	120	2134
Corn-snapper and feed-cutter.....	F. T. Martin.....	819,569	May 1	1045	229-30	122	235
Corn sorter. Seed.....	L. P. Graham.....	833,715	Oct. 16	3440	733-4	124	2133
Corn-sorting machine. Seed.....	R. H. Stimple.....	838,220	Dec. 11	1905	408-9	125	1812
Corn tester. Seed.....	C. E. Twamley.....	830,383	Sept. 4	980	204	124	241
Corn-topping tool.....	F. W. Gordon.....	826,328	July 17	3321	685-6	123	873
Corn-turner.....	J. Moran.....	821,369	May 22	4793	1019	122	1246
Cornmeal-bolter.....	H. C. Selle.....	819,177	May 1	271	58	122	69
Corner-bead.....	P. Kühne.....	830,792	Sept. 11	1828	380	124	491
Corner-fastening.....	C. E. Springer.....	828,523	Aug. 14	1682	354	123	2115
Corner-fastening.....	L. B. Prahar.....	828,679	Aug. 14	1973	416	123	2190
Corner-fastening.....	C. D. Kooser.....	836,585	Nov. 20	3332	711	125	919
Corner-post, transom-bar, or mullion.....	L. von Gerichten.....	837,437	Dec. 4	319	76	125	1435
Corner-stay.....	H. H. Dewey.....	825,523	July 10	1725	363	123	464
Cornet.....	Z. A. Meredith.....	814,615	Mar. 6	1222	257-8	121	265
Cornet.....	C. G. Conn.....	828,273	Aug. 7	1146	241	123	1949
Cornet-mouthpiece.....	M. M. Rubright.....	829,893	Aug. 28	4522	954	123	2903
Cornets and band instruments. Valve for.....	W. Bryant and N. L. Thomas.....	839,547	Dec. 25	4507	961	125	2597
Cornice-brake.....	G. C. Keene.....	816,917	Apr. 3	735	151	121	1521
Corpses. Device for handling.....	G. E. Kidd.....	821,720	May 29	5503	1172	122	1456
Corrugating-machine.....	G. B. Johnson.....	815,710	Mar. 20	3475	726-7	121	866
Corrugating-machine.....	I. W. Numan.....	838,569	Dec. 18	2578	557-8	125	2081
Corset.....	W. F. Brooks.....	819,405	May 1	749	159	122	170
Corset.....	L. F. Moylan.....	819,447	May 1	831	179	122	186

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Corset.....	D. H. Warner.....	822,792	June 5	1106	229	122	1971
Corset.....	B. Kull.....	825,666	July 10	2061	430	123	550
Corset.....	W. F. Brooks.....	826,306	July 17	3268	676	123	858
Corset.....	C. H. Turner.....	836,226	Nov. 20	2626	553	125	750
Corset and abdominal supporter.....	F. Schmitt.....	815,747	Mar. 20	3579	751	121	888
Corset and stocking-suspender. Combined.....	J. Gutmann.....	829,962	Sept. 4	57	10-11	124	13
Corset. Apparel.....	D. Kops.....	813,805	Feb. 27	4548	1005-6	120	2622
Corset. Apparel.....	D. Kops.....	824,489	June 26	4486	951	122	2865
Corset. Apparel.....	D. Kops.....	824,490	June 26	4488	951	122	2866
Corset. Apparel.....	D. Kops.....	832,390	Oct. 2	742	145	124	1:91
Corset. Bathing.....	K. Hatch.....	820,972	May 22	3993	848	122	1069
Corset-busk.....	P. Drossness.....	837,669	Dec. 4	795	180	125	1552
Corset clasp or fastening.....	C. H. Lusso.....	839,610	Dec. 25	4616	985	125	2625
Corset. Conformer.....	C. Munter.....	811,428	Jan. 30	5701	1194	120	1396
Corset side steel.....	J. E. Doolittle.....	835,350	Nov. 6	954	203	125	241
Corset-steel.....	E. M. Jordan.....	820,500	May 15	3007	647	122	791
Corset-steel-tipping machine.....	A. F. Ahlstrand.....	830,555	Sept. 11	1344	277-9	124	361
Corset-stiffener.....	E. K. Warren.....	834,423	Oct. 30	5079	1078	124	2630
Cot and cradle. Folding.....	M. Reilly.....	813,521	Feb. 27	4016	880	120	2508
Cot and crib. Combined.....	A. W. O'Brien.....	828,001	Aug. 7	638	128	123	1826
Cot-canopy.....	I. C. Kerridge.....	820,719	May 15	3416	730-1	122	879
Cot. Combination.....	B. C. Leavitt.....	829,589	Aug. 28	3890	824	123	2750
Cot. Invalid.....	M. Q. Fair, Sr.....	811,492	Jan. 30	5800	1214	120	1416
Cot. Traveler's grip.....	E. C. Harlee.....	815,819	Mar. 20	3717	783-4	121	915
Cotton bolting, cleaning, and ginning machine.....	J. M. Gardner.....	825,818	July 10	2341	488-9	123	617
Cotton-chopper.....	J. W. Haynie.....	809,109	Jan. 2	979	202	120	216
Cotton-chopper.....	J. I. Roberts.....	810,811	Jan. 23	4472	929	120	1098
Cotton-chopper.....	W. H. Sutton.....	811,106	Jan. 30	5058	1058	120	1259
Cotton-chopper.....	B. C. Butler.....	811,530	Jan. 30	5876	1232	120	1432
Cotton-blocker.....	F. M. Bradley.....	816,638	Apr. 3	194	45-6	121	1403
Cotton-chopper.....	J. R. McKee.....	814,916	Mar. 13	1815	380	121	454
Cotton-chopper.....	G. R. Robinson.....	817,339	Apr. 10	1562	329	121	1761
Cotton-chopper.....	J. M. Andrews.....	817,613	Apr. 10	2109	446	121	1875
Cotton-chopper.....	A. Jezek.....	818,890	Apr. 24	4682	1004-5	121	2543
Cotton-chopper.....	H. Herrold.....	819,066	May 1	56	12-14	122	16
Cotton-chopper.....	S. B. Muirheid.....	821,815	May 29	5691	1213	122	1500
Cotton-chopper.....	A. R. Maret.....	823,132	June 12	1824	376	122	2173
Cotton-chopper.....	J. B. Clark.....	828,639	Aug. 14	1902	400	123	2173
Cotton-chopper.....	N. Mabry.....	828,944	Aug. 21	2508	531	123	2357
Cotton-chopper.....	J. N. Keathley.....	829,529	Aug. 28	3772	800	123	2719
Cotton-chopper.....	R. A. Sligh.....	830,934	Sept. 11	2077	438	124	551
Cotton-chopper.....	R. A. Stuart.....	833,855	Oct. 23	3751	797	124	2259
Cotton-chopper.....	H. T. Johnson.....	834,059	Oct. 23	4321	918	124	2395
Cotton-chopper.....	A. H. Connell.....	835,664	Nov. 13	1559	333	125	437
Cotton-chopper.....	W. C. Kyle.....	837,851	Dec. 4	1129	252	125	1635
Cotton chopper and cultivator.....	G. H. McGuire.....	820,886	May 15	3790	808-9	122	962
Cotton chopper and cultivator.....	A. L. Warren.....	829,556	Aug. 28	3819	812	123	2731
Cotton chopper and cultivator.....	A. Thompson.....	830,113	Sept. 4	412	85	124	101
Cotton chopper and scraper.....	J. E. Tucker.....	836,718	Nov. 27	3632	774	125	1027
Cotton-chopping machine.....	J. A. Harden.....	812,738	Feb. 13	2441	536	120	2061
Cotton-chopping machine.....	O. L. Carmical.....	822,823	June 5	1169	241	122	1984
Cotton cleaner and feeder.....	C. W. Crawford.....	834,661	Oct. 30	5544	1176-7	124	2750
Cotton cleaner. Seed.....	A. Campbell.....	829,627	Aug. 28	3969	840	123	2768
Cotton-cleaning machine. Seed.....	W. R. Lamb.....	832,262	Oct. 2	499	94	124	1334
Cotton-compress.....	W. Hill.....	818,172	Apr. 17	3247	696-7	121	2182
Cotton-compress.....	S. J. Webb.....	828,002	Aug. 7	629	128-9	123	1826
Cotton-compressing apparatus.....	W. M. Holmes.....	825,653	July 10	2029	424	123	542
Cotton conveying and cleaning apparatus.....	W. E. Elam.....	837,205	Nov. 27	4618	981-2	125	1272
Cotton-elevator.....	C. G. Graves.....	833,740	Oct. 23	3486	744	124	2192
Cotton elevator, cleaner, and feeder.....	S. M. Davis.....	830,646	Sept. 11	1531	316	124	411
Cotton-elevator. Pneumatic.....	T. S. Grimes.....	823,858	June 19	3262	691	122	2547
Cotton feeder. Lint.....	J. A. Hague.....	819,542	May 1	997	218-19	122	224
Cotton-gin.....	F. Phelps.....	809,131	Jan. 2	1013	210	120	223
Cotton-gin.....	P. F. King.....	819,893	May 8	1711	367-8	122	447
Cotton-gin.....	H. J. Tate.....	824,602	June 26	4713	1003-4	122	2915
Cotton-gin.....	W. F. Overmyer.....	825,341	July 10	1305	274	123	358
Cotton-gin.....	W. H. Kent.....	828,668	Aug. 14	1951	411	123	2184
Cotton-gin.....	J. W. Graves.....	839,132	Dec. 25	3680	793-4	125	2397
Cotton-gin breast-hinge.....	W. K. Stone.....	828,438	Aug. 14	1505	316	123	2069
Cotton-gin. Roller.....	W. L. Crowson.....	824,414	June 26	4328	921-2	122	2830
Cotton-gin. Roller.....	A. D. Thomas.....	832,707	Oct. 9	1389	280	124	1587
Cotton-gin roller.....	H. Peterson.....	828,241	Aug. 7	1078	227	123	1933
Cotton. Ginning.....	G. A. Lowry.....	821,423	May 22	4911	1043-4	122	1271
Cotton-handling apparatus.....	A. F. Tidwell.....	812,618	Feb. 13	2214	483	120	2016
Cotton-linters. Float-drive for.....	J. W. Kimbrough.....	835,538	Nov. 13	1319	283	125	376
Cotton-marker. Self-fastening.....	G. W. Long.....	809,197	Jan. 2	1131	235	120	249
Cotton or fibrous material for textile and like purposes from waste products. Apparatus for obtaining pure.....	C. Knopf.....	814,967	Mar. 13	1917	403	121	474
Cotton-picker.....	J. K. Piper.....	813,170	Feb. 20	3298	725-6	120	2294
Cotton-picker.....	L. Blount.....	815,676	Mar. 20	3402	711	121	850
Cotton-picker.....	H. P. Childress.....	828,018	Aug. 7	659	135	123	1834
Cotton-picker.....	R. W. Ivy.....	835,949	Nov. 13	2078	444	125	562
Cotton-picker brace.....	W. I. Daniel.....	836,802	Nov. 27	3817	813	125	1078
Cotton pickers or openers. Means for regulating evening mechanisms for.....	W. J. Britton.....	833,155	Oct. 16	2282	480	124	1852
Cotton picking and cleaning machine.....	G. E. Richmond.....	830,102	Sept. 4	383	78-9	124	94
Cotton picking and harvesting machine.....	W. H. Le Vin.....	830,443	Sept. 4	1099	229-30	124	272
Cotton-picking machine.....	J. Nisbet.....	812,865	Feb. 20	2689	592-3	120	2161
Cotton-planter and fertilizer-distributor. Combined.....	A. C. Taylor.....	827,328	July 31	5396	1121	123	1426
Cotton-press.....	H. A. Baker.....	835,897	Nov. 13	1993	421-2	125	543
Cotton press and feeder. Automatic.....	F. B. Cumpston.....	836,488	Nov. 20	3153	669-70	125	877
Cotton-scraper.....	J. D. Fairless.....	813,085	Feb. 20	3124	685	120	2257
Cotton-scraper.....	E. D. Meaders and J. T. Brown.....	835,451	Nov. 6	1155	249	125	291
Cotton scraper and cultivator.....	E. W. Deveney.....	831,267	Sept. 18	2761	581	124	749
Cotton-scraper attachment.....	C. O. Dye.....	817,696	Apr. 10	2245	482	121	1905

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cotton scraper, blocker, and cultivator. Combined.	W. R. Cox.....	824,066	June 19	3651	777	122	2629
Cotton. Separating.....	W. A. Patterson.....	822,903	June 5	1334	276	122	2017
Cotton-separator.....	W. A. Patterson.....	822,864	June 5	1253	258-9	122	2001
Cotton. Treating.....	G. D. Burton.....	827,293	July 31	5326	1104	123	1408
Couch.....	J. L. Heffner.....	810,939	Jan. 30	4761	991	120	1193
Couch.....	M. J. Buckley.....	821,333	May 22	4709	1003	122	1225
Couch.....	B. Weinberg.....	834,501	Oct. 30	5227	1109	124	2670
Couch.....	F. J. Crouch.....	839,118	Dec. 25	3639	785	125	2385
Couch and bed. Combined.	E. M. Hulse.....	818,250	Apr. 17	3409	731	121	2215
Couch and bed. Convertible.....	L. Williams.....	835,770	Nov. 13	1748	373	125	483
Couch. Combined invalid and surgical.	V. Whittington.....	826,978	July 24	4636	966	123	1222
Couch. Convertible.....	A. Wheatley.....	834,427	Oct. 30	5087	1080	124	2632
Couch. Extension.....	J. Hoey.....	811,921	Feb. 6	774	169	120	1646
Couch. Invalid's.....	J. W. Bess.....	836,175	Nov. 20	2527	531	125	725
Couch or couch-bed.....	C. L. Plunkett.....	815,118	Mar. 13	2238	469-70	121	543
Couch or sofa and bed. Combined.	J. H. Hagedorn.....	823,327	June 12	2229	465	122	2263
Couch. Reclining.....	J. Flindall.....	825,312	July 10	1250	263-4	123	343
Couches. Automatic locking and releasing device for.	F. J. Crouch.....	835,179	Nov. 6	610	125	125	155
Couches, davenport, &c. Handle for box-	W. P. Seng.....	828,519	Aug. 14	1676	353	123	2113
Counter.....	H. T. Weston.....	818,591	Apr. 24	4077	875	121	2411
Counter-molding machine.....	W. C. Stewart.....	826,697	July 24	4110	853-4	123	1092
Counter. Revolution.....	H. P. C. Browne.....	827,614	July 31	6056	1257	123	1590
Counter-seat.....	T. Truax.....	835,992	Nov. 13	2142	459	125	577
Counter-shaft mechanism. Variable-speed.	J. E. Hunter.....	818,450	Apr. 24	3787	813-14	121	2351
Counter-stiffener.....	A. E. Aagaard.....	833,862	Oct. 23	3763	800	124	2262
Counterbalance device.....	W. J. Hagman.....	815,696	Mar. 20	3449	720	121	860
Counterbalancing device.....	E. P. Bullard, Jr.....	828,875	Aug. 21	2371	504	123	2320
Counterboring-tool for casks.....	F. Pflug and E. Christensen.	810,432	Jan. 23	3737	770	120	934
Countersinking or facing machine.....	O. M. Mowat.....	815,029	Mar. 13	2066	433	121	505
Counting device.....	W. and W. Hucks, Jr.....	820,197	May 8	2389	519	122	594
Counting-machine. Stop.....	G. Hoepner.....	828,209	Aug. 7	1015	212	123	1919
Counting mechanism.....	H. C. McCallum.....	810,550	Jan. 23	3988	821	120	992
Coupling:							
See Agricultural - imple-	Head-coupling.						
ment, &c., coupling.	Hose-coupling.						
Air-brake coupling.	Hose and pipe coupling.						
Belt-coupling.	Nozzle-coupling.						
Bolt-coupling.	Pipe-coupling.						
Cable-coupling.	Pipe and tube coupling.						
Car-coupling.	Pipe or hose coupling.						
Car and air-brake	Pump-rod coupling.						
coupling.	Railway-coupling.						
Conduit-coupling.	Rod-coupling.						
Doubletree and whif-	Shade-holder coupling.						
fletree coupling.	Shaft-coupling.						
Dredge-bucket coup-	Shaft and pole coupling.						
ling.	Stovepipe-coupling.						
Drill-coupling.	Sucker-rod coupling.						
Drill-rod coupling.	Switch-rope coupling.						
Electric coupling.	Thill-coupling.						
Elevator-coupling.	Tire-coupling.						
Engine-coupling.	Track-coupling.						
Engine and car coup-	Union-coupling.						
ling.	Universal coupling.						
Flexible coupling.	Vehicle-coupling.						
Fluid-coupling.	Whiffletree-coupling.						
Furniture-coupling.	Wire-coupling.						
Glass-tube coupling.	Yoke-coupling.						
Coupling.....	H. C. Clay.....	816,218	Mar. 27	4534	963	121	1145
Coupling.....	G. Lloyd.....	822,744	June 5	1031	211	122	1955
Coupling.....	E. Waldron.....	826,756	July 24	4229	878	123	1123
Coupling.....	W. H. Robinson.....	831,524	Sept. 18	3250	685	124	874
Coupling device.....	A. E. Scouten.....	816,129	Mar. 27	4357	923	121	1107
Coupling device.....	C. E. Atkinson.....	835,211	Nov. 6	674	139	125	171
Coupling device.....	H. Hills.....	838,859	Dec. 18	3130	674	125	2216
Coupling device. Auxiliary.	G. W. Scott.....	817,342	Apr. 10	1569	330	121	1762
Coupling device. Wire and Manila rope.	H. Downs and W. C. Wally.	812,412	Feb. 13	1816	397	120	1935
Coupling for surface rod-lines	M. J. Starkey and G. H. Haflich.	833,349	Oct. 16	2694	567	124	1960
Coupling-locks. Device for operating	L. Parish.....	825,343	July 10	1307	275	123	359
Coupling-member guide.....	C. E. Felt and D. A. Kimbark.	822,514	June 5	560	113	122	1850
Coupling-pocket.....	W. E. Coffin.....	835,726	Nov. 13	1665	353	125	464
Coupling-shank.....	J. C. Whitridge.....	832,943	Oct. 9	1866	387	124	1700
Couplings. Pivot-pin support for.	W. E. Coffin.....	824,526	June 26	4552	967	122	2881
Course-finder.....	J. F. Smith.....	822,783	June 5	1093	226	122	1967
Cover-actuating means.....	T. Rowe.....	833,341	Oct. 16	2676	564	124	1955
Cover. Machine.....	R. A. Bostelman.....	827,412	July 31	5596	1157-8	123	1474
Cover. Mucilage and paste vessel.	E. Gebhardt.....	826,844	July 24	4391	914	123	1163
Cover. Removable dust-protective.	L. J. Dirand.....	816,568	Apr. 3	27	8	121	1360
Cover-removing mechanism.....	G. Webster.....	828,003	Aug. 7	632	129	123	1827
Covers of receptacles. Apparatus for applying liquid	W. C. Buhles.....	823,391	June 12	2334	489	122	2284
to							
Covered box.....	J. Bergoff.....	810,901	Jan. 30	4670	973-4	120	1173
Covering. Figured.....	L. W. Seeser.....	812,531	Feb. 13	2040		120	1983
Covering. Luminous.....	M. C. Frank.....	832,543	Oct. 2	1043	209	124	1465
Cow-cover.....	W. D. Evans.....	838,310	Dec. 11	2077	449	125	1912
Cow-tail fastener.....	G. H. and E. C. Coit.....	821,222	May 22	4481	954	122	1175
Cowl and ventilator.....	H. V. Ackert.....	834,551	Oct. 30	5311	1127-8	124	2691
Crack-cutting tool.....	L. Newman.....	826,266	July 17	3196	662	123	841
Cracker-case.....	J. N. Phenix.....	822,627	June 5	802	163	122	1904
Cradle.....	S. L. Morse.....	824,133	June 26	3761	803	122	2712
Cradle and chair. Combination.	J. Schmersahl.....	825,984	July 17	2649	550	123	709
Cradle and chair. Combined child's.	J. Backe and F. L. Ernst.	830,487	Sept. 11	1197	250	124	325
Cradle-rocking attachment.....	B. Sarrett.....	829,354	Aug. 21	3373	712	123	2576
Cradle. Self-moving.....	F. Alroth.....	814,420	Mar. 6	868	178	121	189
Cranberry-picker.....	G. H. Chandler.....	833,369	Oct. 16	2730	575	124	1969
Crane.....	W. B. Erskine.....	809,674	Jan. 9	2163	447	120	507

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette	
				Spec.	Dr.'s.	Vol.	Page.
Crane. Hoisting.....	M. F. Berry.....	821,399	May 22	4865	1031	122	1261
Crane-locking device.....	J. R. Whittemore.....	809,483	Jan. 9	1781	367-8	120	425
Crane-locking mechanism.....	J. R. Whittemore.....	809,482	Jan. 9	1779	367	120	424
Crane mechanism.....	J. R. Whittemore.....	809,481	Jan. 9	1778	366-7	120	424
Crane. Overhead traveling.....	C. L. Taylor.....	821,136	May 22	4332	921	122	1143
Crane. Overhead traveling.....	C. L. Taylor.....	826,127	July 17	2939	610	123	780
Crane. Portable traveling.....	G. R. Cullingworth.....	824,342	June 26	4167	891	122	2798
Crane. Traveling.....	G. R. Brandon.....	832,119	Oct. 2	193	39-40	124	1261
Crane. Window.....	T. E. French.....	809,104	Jan. 2	969	201	120	214
Cranes. Safety locking device for.....	C. R. Hinchman.....	812,565	Feb. 13	2119	464-5	120	1998
Crank.....	W. R. Kahlenberg.....	812,208	Feb. 13	1406	306	120	1846
Crank.....	O. S. Phelps.....	820,731	May 15	3439	736	122	884
Crank-disk. Adjustable.....	I. G. Mitchell.....	811,426	Jan. 30	5699	1193	120	1395
Crank-motion.....	T. L. Ramsey.....	829,735	Aug. 28	4195	889	123	2822
Crank-pins. Turning.....	W. H. Lucas.....	833,612	Oct. 16	3247	690	124	2089
Crank. Variable-stroke.....	J. G. Callan.....	812,636	Feb. 13	2252	489	120	2023
Crank-wheel-balancing means.....	C. T. Westlake and A. R. Thomas.....	823,012	June 12	1565	324-5	122	2119
Crank-wheels. Counterbalancing.....	C. T. Westlake.....	823,750	June 19	3049	645	122	2498
Crate.....	W. H. Richmond.....	809,326	Jan. 9	1441	292	120	351
Crate.....	D. Gibbs.....	810,272	Jan. 16	3372	698	120	819
Crate.....	O. J. La Bauve.....	818,697	Apr. 24	4302	922-3	121	2461
Crate.....	A. C. McKee.....	830,096	Sept. 4	374	75-6	124	91
Crate.....	C. W. Stevens.....	835,921	Nov. 13	2030	432-3	125	551
Crate.....	H. L. and H. Brockschmidt.....	835,932	Nov. 13	2049	437-8	125	555
Crate and other receptacle.....	W. W. Davis.....	825,893	July 17	2483	517	123	663
Crate. Banana.....	H. Rose.....	812,090	Feb. 6	1111	245	120	1715
Crate. Banana.....	I. Albertelli.....	832,027	Oct. 2	1	1	124	1213
Crate. Banana-shipping.....	O. Granke.....	814,534	Mar. 6	1074	221	121	233
Crate. Bottle.....	R. M. Harrover.....	813,690	Feb. 27	4353	958	120	2580
Crate. Carrier.....	F. L. Wetzel.....	821,684	May 29	5426	1155	122	1437
Crate. Cattle.....	D. J. Campbell.....	838,301	Dec. 11	2064	446	125	1909
Crate. Collapsible.....	J. G. Penrod.....	835,733	Nov. 13	1677	356-7	125	467
Crate. Collapsible or knockdown.....	J. Ackerman.....	814,500	Mar. 6	1004	207	121	219
Crate. Display.....	W. H. Thomas.....	828,441	Aug. 14	1508	317	123	2070
Crate. Folding.....	H. H. May.....	827,028	July 24	4734	987	123	1245
Crate. Egg.....	R. K. Gregory.....	836,029	Nov. 13	2005	472	125	592
Crate. Foldable.....	E. M. Averill.....	832,525	Oct. 2	1207	202	124	1455
Crate. Foldable shipping.....	F. E. Golightly.....	830,145	Sept. 4	489	99	124	123
Crate. Folding.....	F. J. Hipp.....	816,164	Mar. 27	4433	937-8	121	1123
Crate. Folding.....	W. H. Kelchner.....	816,801	Apr. 3	485	108	121	1464
Crate. Folding.....	O. L. Anderson.....	819,837	May 8	1608	341	122	423
Crate. Folding.....	G. F. Green.....	820,300	May 8	2597	565-6	122	641
Crate. Folding.....	C. Smith.....	828,686	Aug. 14	1991	420	123	2195
Crate. Folding egg.....	A. D. Imrie.....	810,283	Jan. 16	3391	701-2	120	824
Crate. Folding poultry.....	G. B. Henry and A. Marsh.....	823,945	June 19	3421	731	122	2581
Crate. Folding shipping.....	D. B. Rodkey.....	822,389	June 5	314	64-5	122	1794
Crate for transporting poultry.....	F. M. Gault.....	809,559	Jan. 9	1919	398-9	120	455
Crate for wheelbarrows.....	M. V. Garver.....	832,663	Oct. 9	1301	262	124	1567
Crate. Fruit.....	J. Shellenberger.....	811,449	Jan. 30	5729	1200	120	1401
Crate. Knockdown.....	J. M. Divan.....	810,369	Jan. 16	3573	734-5	120	864
Crate-nailing-up form.....	J. Shellenberger.....	811,448	Jan. 30	5726	1199	120	1401
Crate or box. Folding.....	C. L. Dolph.....	823,515	June 19	2616	550	122	2405
Crate or box. Folding.....	J. H. Parsons.....	835,318	Nov. 6	887	188	125	225
Crate or coop.....	E. Sperling.....	814,882	Mar. 13	1761	369	121	442
Crate. Shipping.....	F. Sochurek, Sr.....	809,854	Jan. 9	2483	516	120	580
Crate. Shipping.....	J. H. Bubar.....	813,944	Feb. 27	4838	1068	120	2683
Crate. Shipping.....	E. M. Averill.....	819,117	May 1	171	34	122	45
Crate. Shipping.....	G. E. Wheeler.....	820,536	May 15	3084	663	122	808
Crate. Shipping.....	F. Van Patten.....	820,896	May 15	3817	815	122	968
Crate. Shipping.....	F. W. Bender.....	823,840	June 19	3225	682	122	2539
Crate. Shipping.....	J. F. Moss.....	824,566	June 26	4638	986	122	2898
Crate. Shipping.....	B. S. McCain.....	827,877	Aug. 7	362	77	123	1760
Crate. Shipping.....	D. T. Harbison.....	830,227	Sept. 4	664	133	124	168
Crate. Slatted.....	H. N. Backus.....	811,023	Jan. 30	4916	1025	120	1228
Crate-soaker. Automatic.....	D. K. Straub and J. A. Pottmeyer.....	832,433	Oct. 2	832	161	124	1412
Cravat or tie holder.....	R. Riethmüller.....	814,919	Mar. 13	1821	381	121	455
Cream and milk cooler.....	T. Carter and J. T. O'Sullivan.....	827,708	Aug. 7	23	5	123	1676
Cream-cooler.....	C. C. Hills.....	828,314	Aug. 14	1259	265	123	2007
Cream cooler and aerator.....	M. Mortensen.....	809,125	Jan. 2	1000	206	120	220
Cream pasteurizer and cooler.....	H. N. Rivard.....	824,147	June 26	3789	809-10	122	2718
Cream-remover.....	E. S. Bartram.....	823,986	June 19	3508	749	122	2600
Cream-separating machines. Water-motor for.....	J. Sharpe.....	819,087	May 1	108	23	122	29
Cream-separator.....	J. W. Hinkley.....	809,442	Jan. 9	1697	349	120	406
Cream-separator.....	C. Walker.....	815,239	Mar. 13	2498	520	121	603
Cream-separator.....	T. A. Davis.....	834,366	Oct. 30	4968	1052	124	2604
Cream-separator.....	J. R. Bostwick.....	838,374	Dec. 11	2201	478	125	1943
Cream-separator bowl. Centrifugal.....	W. C. Hartmann.....	815,347	Mar. 20	2750	572-3	121	706
Cream-separator. Centrifugal.....	E. W. Broomall.....	809,355	Jan. 9	1499	304	120	365
Cream-separator. Centrifugal.....	M. Kelley.....	815,094	Mar. 13	2184	461	121	530
Cream-separator. Centrifugal.....	F. A. West.....	816,199	Mar. 27	4499	954-5	121	1136
Cream-separator. Centrifugal.....	Z. L. Truesdell.....	821,554	May 22	5146	1098	122	1321
Cream-separator. Centrifugal.....	B. Fleming. (Reissue).....	12,506	July 17	3760	779	123	986
Cream-separator. Centrifugal.....	B. Fleming. (Reissue).....	12,507	July 17	3763	779	123	987
Cream-whipping machine.....	C. H. Siegmund.....	830,255	Sept. 4	719	145	124	182
Creaming-can.....	H. A. Arvig.....	827,495	July 31	5811	1205	123	1526
Creaming-can.....	H. A. Arvig.....	839,701	Dec. 25	4816	1029	125	2673
Creaming-machine.....	W. H. H. Tracy.....	815,234	Mar. 13	2489	518	121	601
Credit-system apparatus.....	J. O. Greenwald.....	820,713	May 15	3404	728	122	877
Creeper for animals.....	L. A. Gardner.....	827,005	July 24	4693	978	123	1235
Cresote compound.....	R. Berendes.....	824,901	July 3	456	.....	123	121
Crib.....	W. W. Grigsby.....	814,538	Mar. 6	1083	223	121	235
Crib.....	G. E. Easley.....	835,819	Nov. 13	1854	392	125	512
Crib construction.....	F. Simpson.....	827,186	July 31	5133	1066	123	1363
Crib. Folding.....	L. Dejonge, Jr.....	823,321	June 12	2220	463	122	2261
Crib. Folding.....	F. Bogardus.....	837,278	Dec. 4	17	6	125	1358
Crib or bed.....	T. J. Hume.....	819,886	May 8	1701	365	122	445

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Crimping device for starched laundried goods.	J. W. Ormsby.	833,412	Oct. 16	2827	599	124	1991
Crocks, &c. Closure-fastener for.	W. E. Dawson.	830,418	Sept. 4	1047	218	124	259
Crop conveying and loading machine.	F. L. Webster.	830,630	Sept. 11	1502	310-11	124	404
Croquet apparatus.	G. W. Griswold.	810,853	Jan. 23	4542	946	120	1114
Cross-bearer.	A. E. Ostrander.	809,732	Jan. 9	2265	469-70	120	530
Cross-bearer.	A. E. Ostrander.	809,733	Jan. 9	2266	470	120	530
Cross-bearer.	A. E. Ostrander.	809,734	Jan. 9	2268	470	120	531
Cross-bearer.	A. E. Ostrander.	809,735	Jan. 9	2270	470	120	532
Cross-bearer.	A. E. Ostrander.	836,133	Nov. 20	2447	514	125	706
Cross-head.	J. B. Kingan.	830,080	Sept. 4	348	70	124	85
Cross-head and cross-head guide.	J. E. Hooley.	812,745	Feb. 13	2449	537	120	2063
Cross-head guide.	W. B. Mason.	824,080	June 19	3676	782	122	2635
Cross-tie.	G. E. Angell.	826,527	July 24	3769	781	123	1003
Cross-tie and means for holding track-rails thereon.	E. A. Gilchrist.	813,205	Feb. 20	3361	739	120	2307
Cross-tie and rail-fastener. Steel.	J. Austin and R. McKendrick.	815,251	Mar. 13	2513	523	121	607
Cross-tie cutter.	R. S. Wright.	819,491	May 1	912	199-200	122	204
Cross-tie. Sectional metallic.	J. P. Ashby.	827,343	July 31	5423	1127	123	1434
Crosscover. Removable.	C. B. Ryan.	825,682	July 10	2092	436	123	557
Crown and bridge work.	A. H. Brown.	818,661	Apr. 24	4235	910	121	2447
Crown. Porcelain and metallic.	C. A. Davis.	838,849	Dec. 18	3109	670	125	2211
Crucible.	E. A. Colby.	830,208	Sept. 4	631	127	124	160
Crucible-furnace.	E. Hausmann.	811,219	Jan. 30	5306	1109	120	1312
Crucible-furnace.	M. Harvey.	829,471	Aug. 28	3646	770	123	2690
Crucible-shaker.	W. S. Mather.	813,658	Feb. 27	4277	940-1	120	2564
Crucibles. Protecting.	R. A. McDonald.	828,954	Aug. 21	2525		123	2361
Crust holder. Salt-and-pepper-crusher.	M. Herman.	834,979	Nov. 6	198	43	125	52
See Clod-crusher.	Ore-crusher.						
Coal-crusher.	Rock-crusher.						
Ice-crusher.	Stone-crusher.						
Crusher.	P. L. Simpson.	811,671	Feb. 6	267	58-9	120	1543
Crushers and pulverizers.	M. F. Williams.	811,679	Feb. 6	282	63	120	1547
Crushers and pulverizers.	M. F. Williams.	818,725	Apr. 24	4362	934	121	2475
Crushers and pulverizers.	M. F. Williams.	836,161	Nov. 20	2497	524	125	717
Crushers and pulverizers.	M. F. Williams.	836,162	Nov. 20	2498	524-5	125	718
Crushers and pulverizers.	M. F. Williams.	836,163	Nov. 20	2500	525	125	718
Crushers and pulverizers.	M. F. Williams.	836,422	Nov. 20	3035	644	125	848
Crushers and pulverizers.	M. F. Williams.	818,328	Apr. 17	3552	761	121	2245
Crushing and grinding mill.	G. C. Little.	834,387	Oct. 30	5016	1062	124	2616
Crushing-machine.	C. G. Buchanan.	819,976	May 8	1917	424	122	487
Crushing-machine.	M. G. Bunnell.	839,103	Dec. 25	3611	780-1	125	2378
Crushing-mill.	G. Commichau.	814,832	Mar. 13	1679	351	121	426
Crushing-mill.	M. P. Boss.	822,913	June 12	1362	283	122	2072
Crushing or pulverizing apparatus.	W. Kitto.	821,421	May 22	4905	1042	122	1270
Crushing-roll.	J. P. Rodriguez.	832,423	Oct. 2	814	157	124	1408
Crushing-rolls.	A. C. Calkins.	815,332	Mar. 20	2716	566	121	698
Crushing-rolls.	W. G. Bryant.	826,140	July 17	2959	615	123	784
Crustacea-trap.	R. M. Franklin.	833,737	Oct. 23	3480	743	124	2191
Crutch.	A. C. Morse.	815,368	Mar. 20	2806	584	121	716
Crutch.	E. X. Jones.	834,205	Oct. 23	4630	983	124	2474
Crutch.	P. S. Hovis.	835,108	Nov. 6	475	96	125	123
Cucumber-picker.	G. W. Newton.	834,531	Oct. 30	5273	1121	124	2682
Cue.	G. D. Wing.	825,096	July 3	811	168	123	216
Cue-holder.	R. U. and W. Ruddell.	824,149	June 26	3793	810	122	2719
Cue-rack.	N. B. Stone.	815,228	Mar. 13	2480	516	121	599
Cue-rack.	L. Sevigny.	824,386	June 26	4264	908	122	2818
Cue-tip.	C. W. Borsdorf.	825,105	July 3	826	172	123	220
Cuff and sleeve protector.	C. H. Overman.	832,411	Oct. 2	791	153	124	1402
Cuff and wristband.	W. M. Shewry.	822,695	June 5	940	192	122	1937
Cuff-fastening.	H. C. Shepherd.	812,603	Feb. 13	2193	478	120	2012
Cuff-holder.	H. C. Frank.	811,210	Jan. 30	5289	1106	120	1308
Cuff-holder.	S. P. Dunlap.	818,616	Apr. 24	4148	892	121	2427
Cuff-holder.	J. M. Lucas.	828,942	Aug. 21	2504	530	123	2356
Cuff-holder.	W. T. Robinson.	830,368	Sept. 4	943	195	124	232
Cuff-holder.	R. W. Lewis.	830,794	Sept. 11	1830	380-1	124	491
Cuff-holder.	C. J. Warwick.	833,859	Oct. 23	3757	798	124	2260
Cuff-holder.	F. W. Barrett.	835,593	Nov. 13	1425	305	125	405
Culinary chopper.	B. Hawk.	832,859	Oct. 9	1708	352	124	1664
Culinary utensil.	F. J. Larock.	818,455	Apr. 24	3797	816	121	2353
Culinary utensil.	F. H. Rundell.	831,746	Sept. 25	3722	779	124	1036
Culinary utensil.	J. H. Collins.	836,440	Nov. 20	3079	652	125	857
Culinary vessel.	A. W. Obermann.	812,590	Feb. 13	2168	474	120	2008
Culinary vessel.	H. McConnell.	816,356	Mar. 27	4838	1025	121	1210
Culinary vessel.	O. M. Knox.	818,099	Apr. 17	3082	665	121	2144
Culinary-vessel attachment.	W. Sowerby.	810,817	Jan. 23	4479	931	120	1099
Culinary-vessel attachment.	C. M. Wasley.	816,892	Apr. 3	687	142	121	1511
Cultivator.	H. S. Swanson.	809,335	Jan. 9	1457	295	120	354
Cultivator.	J. J. Green.	809,942	Jan. 16	2666	550	120	672
Cultivator.	J. M. Donaldson.	811,133	Jan. 30	5133	1072-3	120	1274
Cultivator.	S. E. Bailor.	811,897	Feb. 6	696	152-3	120	1632
Cultivator.	C. Pressler.	812,678	Feb. 13	2325	507	120	2037
Cultivator.	N. S. Barger.	814,011	Mar. 6	7	2-3	121	4
Cultivator.	W. A. Martin.	814,309	Mar. 6	614	127	121	133
Cultivator.	S. A. Spitz.	814,567	Mar. 6	1134	236-7	121	246
Cultivator.	T. M. Riegel.	814,873	Mar. 13	1746	365-6	121	439
Cultivator.	F. L. Anderson.	815,323	Mar. 20	2701	562	121	695
Cultivator.	T. Mulally.	816,351	Mar. 27	4828	1023-4	121	1207
Cultivator.	F. E. Schaal.	816,382	Mar. 27	4889	1039	121	1220
Cultivator.	W. Sobey.	817,012	Apr. 3	929	192	121	1564
Cultivator.	J. E. Jones.	818,252	Apr. 17	3411	731-2	121	2215
Cultivator.	I. N. Van Peit.	818,492	Apr. 24	3861	831	121	2365
Cultivator.	R. T. Love.	818,839	Apr. 24	4594	985	121	2524
Cultivator.	D. W. Strickland.	818,923	Apr. 24	4744	1019	121	2557
Cultivator.	S. L. Allen.	819,836	May 8	1605	341	122	422
Cultivator.	E. Williams.	820,537	May 15	3085	664	122	808
Cultivator.	W. L. Paul.	821,119	May 22	4287	913	122	1132

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cultivator.....	G. W. and C. E. Goss.....	821,235	May 22	4504	959	122	1181
Cultivator.....	J. P. Hill.....	822,124	May 29	6270	1335	122	1631
Cultivator.....	A. C. Wickham.....	822,795	June 5	1109	230	122	1971
Cultivator.....	L. E. Waterman.....	823,238	June 12	2063	428-9	122	2227
Cultivator.....	L. E. Waterman.....	823,239	June 12	2066	429-30	122	2228
Cultivator.....	W. A. Gillentine.....	823,407	June 12	2363	498	122	2290
Cultivator.....	J. W. Elliott.....	826,021	July 17	2729	565-6	123	730
Cultivator.....	W. C. Children.....	827,078	July 31	4875	1016	123	1294
Cultivator.....	W. L. Tucker.....	828,074	Aug. 7	772	160	123	1861
Cultivator.....	W. L. Tucker.....	828,075	Aug. 7	778	160	123	1863
Cultivator.....	S. L. Allen.....	828,171	Aug. 7	946	195-6	123	1903
Cultivator.....	S. L. Allen.....	828,172	Aug. 7	953	196-7	123	1900
Cultivator.....	A. Lindgren.....	828,615	Aug. 14	1853	390-1	123	2164
Cultivator.....	J. W. Klopp.....	828,750	Aug. 14	2121	448	123	2227
Cultivator.....	W. T. Lawing.....	829,973	Sept. 4	117	20	124	28
Cultivator.....	J. Kirkpatrick.....	830,667	Sept. 11	1578	325-6	124	245
Cultivator.....	W. H. Thompson.....	830,939	Sept. 11	2088	441	124	454
Cultivator.....	D. A. Hellums.....	831,157	Sept. 18	2540	535	124	693
Cultivator.....	A. L. and R. L. Baker.....	833,660	Oct. 16	3329	708	124	2107
Cultivator.....	J. Clare.....	833,731	Oct. 23	3468	740-1	124	2189
Cultivator.....	L. Q. Spaulding.....	834,332	Oct. 30	4884	1036-7	124	2584
Cultivator.....	F. Wolf.....	834,650	Oct. 30	5521	1172	124	2745
Cultivator.....	L. Roy.....	835,326	Nov. 6	904	192	125	228
Cultivator.....	L. D. Tucker.....	836,156	Nov. 20	2488	522-3	125	715
Cultivator.....	S. D. McGuire.....	836,455	Nov. 20	3103	658	125	863
Cultivator.....	W. W. Mitchell, Sr.....	838,798	Dec. 18	3015	650	125	2186
Cultivator.....	H. Anderson.....	839,445	Dec. 25	4291	918	125	2545
Cultivator and harrow. Combined.....	W. Gillott.....	825,047	July 3	721	151	123	194
Cultivator and planter.....	D. W. Strickland.....	818,922	Apr. 24	4741	1019	121	2557
Cultivator and planter. Convertible.....	H. Warfield.....	816,693	Apr. 3	294	69	121	1425
Cultivator and plow. Combined.....	A. S. Ettinger.....	833,130	Oct. 9	2222	468	124	1792
Cultivator and weeder. Corn.....	C. H. Matthews.....	834,834	Oct. 30	5902	1250	124	2840
Cultivator and seed-drill. Interchangeable.....	J. B. Smiley.....	809,025	Jan. 2	792	171	120	175
Cultivator attachment.....	W. H. Mitchell.....	812,946	Feb. 20	2854	629	120	2199
Cultivator attachment.....	E. Halman.....	818,760	Apr. 24	4444	952	121	2493
Cultivator attachment.....	A. M. Potts.....	823,808	June 19	3164	669	122	2525
Cultivator attachment.....	W. T. Teeter.....	824,961	July 3	577	115	123	154
Cultivator attachment.....	C. M. Weempe.....	827,337	July 31	5413	1125	123	1430
Cultivator attachment.....	J. A. Staples.....	828,783	Aug. 14	2182	461	123	2242
Cultivator attachment.....	L. R. Greer.....	835,676	Nov. 13	1578	337	125	441
Cultivator attachment.....	S. Seitzer, Jr.....	837,740	Dec. 4	931	210	125	1586
Cultivator attachment.....	W. B. Wright.....	839,249	Dec. 25	3906	840	125	2451
Cultivator attachment.....	G. L. Bates.....	839,536	Dec. 25	4485	957	125	2592
Cultivator-beams. Device for securing shovel-stands to.....	A. Lindgren.....	823,340	June 12	2251	470	122	2268
Cultivator. Beet.....	O. Sorenson.....	815,652	Mar. 20	3356	702	121	839
Cultivator. Beet.....	A. Larsen.....	823,338	June 12	2248	469	122	2267
Cultivator. Combined riding and walking.....	W. S. Graham.....	820,043	May 8	2083	454-5	122	528
Cultivator. Corn.....	H. Stripe.....	815,229	Mar. 13	2481	516-17	121	600
Cultivator. Disk.....	G. W. Mixer.....	826,795	July 24	4291	892	123	1139
Cultivator. Disk.....	W. J. McEntire.....	838,264	Dec. 11	2003	429	125	1895
Cultivator-disk hub.....	S. Dodge.....	835,102	Nov. 6	464	93	125	121
Cultivator drag bars or beams. Adjusting device for.....	S. E. Bailor.....	828,265	Aug. 7	1118	236	123	1943
Cultivator. Gang.....	C. Bjorklund.....	821,979	May 29	5993	1278	122	1566
Cultivator. Garden.....	T. K. Colgate.....	826,762	July 24	4243	881-2	123	1126
Cultivator, harrow, and planter. Combined.....	A. B. Johnson.....	822,609	June 5	762	155	122	1896
Cultivator. Listed-corn.....	T. H. Sparks.....	819,612	May 1	1123	248-9	122	252
Cultivator. Lister.....	W. F. Schcke.....	838,452	Dec. 11	2345	508-9	125	1980
Cultivator replanting attachment.....	W. J. Scherer.....	812,239	Feb. 13	1466	321-2	120	1860
Cultivator replanting attachment.....	T. C. Swartz.....	835,988	Nov. 13	2137	458	125	575
Cultivator replanting attachment.....	F. W. Shaver.....	837,891	Dec. 4	1208	267	125	1654
Cultivator. Riding.....	J. A. Bean.....	818,071	Apr. 17	3033	655	121	2134
Cultivator. Riding.....	J. A. Burt.....	832,531	Oct. 2	1020	205	124	1457
Cultivator. Riding.....	E. Stevenson.....	835,572	Nov. 13	1384	297	125	394
Cultivator. Rolling-disk.....	H. B. Furr.....	826,418	July 17	3474	722-4	123	909
Cultivator, road-machine, and farm-wagon. Disk land.....	A. L. Foote.....	816,085	Mar. 27	4279	907	121	1091
Cultivator-shield.....	H. Ver Heul.....	825,684	July 10	2094	437	123	558
Cultivator shield attachment.....	H. H. Dennis.....	810,628	Jan. 23	4140	855	120	1025
Cultivator. Single-row.....	H. S. Swanson.....	809,336	Jan. 9	1460	295-6	120	356
Cultivator. Straddle-row.....	A. C. Walter.....	821,145	May 22	4352	925	122	1148
Cultivator. Sully.....	E. R. Brookbank.....	821,083	May 22	4228	899	122	1119
Cultivator-tooth.....	H. Werth and F. W. French.....	829,552	Aug. 28	3826	815	123	2736
Cultivator-tooth. Automatic spring.....	N. R. Nelson and C. J. Kalkhurst.....	837,335	Dec. 4	112	30	125	1382
Cultivator-tooth gang.....	W. H. Riddle.....	838,457	Dec. 11	2357	511-12	125	1983
Cultivator. Tree.....	G. B. Reeve.....	836,214	Nov. 20	2605	549	125	745
Cultivator. Turn-teeth.....	B. Ploch.....	833,627	Oct. 16	3272	696	124	2095
Cultivator weeding attachment.....	H. R. Nelson.....	839,309	Dec. 25	4019	864	125	2478
Cultivator weeding attachment. Corn.....	H. R. Nelson.....	839,308	Dec. 25	4018	863	125	2478
Cultivator. Wheel.....	J. K. Young.....	814,258	Mar. 6	505	104-5	121	108
Cultivators. Balancing mechanism for wheel.....	A. C. Lindgren.....	816,868	Apr. 3	636	132	121	1499
Cultivators. Replanter attachment for.....	O. Froman and J. C. Cave.....	833,594	Oct. 16	3208	682	124	2081
Culvert.....	H. G. Moats.....	818,272	Apr. 17	3441	740	121	2222
Culvert.....	T. Bardon and C. E. Wiberg.....	828,917	Aug. 21	2461	522	123	2344
Culvert.....	F. Hummel.....	832,017	Sept. 25	4270	892	124	1173
Culvert construction.....	H. Besser.....	820,342	May 8	2665	581	122	657
Culvert-machine.....	J. M. Fluke.....	822,838	June 5	1205	247	122	1991
Culvert-mold.....	E. T. Morris.....	837,328	Dec. 4	104	28	125	1380
Culvert. Road.....	W. Isham and F. E. Miller.....	809,304	Jan. 9	1393	283	120	342
Cup.....							
See Drill-cup.....	Oil drip-cup.....						
Eye-bath cup.....	Planter seed-cup.....						
Grease-cup.....	Powder-cup.....						
Lubricating-cup.....	Turpentine-cup.....						
Oil-cup.....							
Cup-and-ball joint.....	J. C. Martin, Jr.....	835,076	Nov. 6	415	83	125	110

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. G.	Vol.	Page.
Cup and saucer rack.....	J. C. Smith.....	826,900	July 24	4512	940	123	1192
Cup holder. Communion.....	C. P. Harris.....	825,316	July 10	1260	265	123	346
Cup-mold. Multiple.....	C. C. Guernsey.....	833,047	Oct. 9	2061	433-4	124	1749
Cupboard and dumb-waiter. Combined.....	I. G. Fry.....	835,157	Nov. 6	569	116	125	145
Cupboard. Folding.....	R. C. Russell.....	825,484	July 10	1624	338-9	123	441
Cupola.....	F. N. Cline.....	814,769	Mar. 13	1554	328	121	400
Cupola.....	A. Baillot.....	817,412	Apr. 10	1717	361-2	121	1795
Cupola.....	W. S. Anderson.....	820,167	May 8	2339	509	122	583
Cupola.....	J. H. Koons.....	820,210	May 8	2413	523	122	600
Curb and gutter. Combined.....	B. H. Sturman.....	836,903	Nov. 27	4026	861	125	1127
Curb and means for protecting curb angles. Gutter.....	J. W. Parker.....	833,623	Oct. 16	3263	694	124	2094
Curbing and sidewalk dressing implement.....	P. F. Connelly.....	818,416	Apr. 24	3725	800	121	2338
Curette.....	E. Reavley.....	839,641	Dec. 25	4702	1004	125	2644
Curette. Finger.....	M. J. C. Leuchs.....	809,119	Jan. 2	993	205	120	219
Current-collector.....	A. Lindén and P. Hiersemann.....	827,314	July 31	5364	1115	123	1418
Current controller. Alternating.....	D. Larson.....	833,968	Oct. 23	4097	873	124	2338
Current cut-out. Reverse.....	L. Andrews.....	829,828	Aug. 28	4388	926	123	2871
Current-director.....	J. F. McElroy.....	825,859	July 10	2415	504	123	635
Current distribution. Safety device for alternating.....	G. N. Eastman.....	818,424	Apr. 24	3744	804	121	2341
Current generator. Alternating.....	C. P. Steinmetz.....	816,395	Mar. 27	4924	1046	121	1237
Current generator. Alternating.....	E. F. W. Alexanderson.....	839,358	Dec. 25	4116	884	125	2503
Current generator. Constant.....	M. Milch.....	835,363	Nov. 6	975	208	125	247
Current heater. Alternating.....	J. F. McElroy.....	838,885	Dec. 18	3165	682	125	2223
Current machine. Alternating.....	M. C. A. Latour.....	811,304	Jan. 30	5471	1141	120	1348
Current machine. Alternating.....	M. Déri.....	835,407	Nov. 6	1077	232	125	272
Current machine. Electric alternating.....	K. A. Lindström.....	809,706	Jan. 9	2216	460	120	519
Current machine. Unipolar alternating.....	J. E. Noeggerath.....	832,742	Oct. 9	1455	293-4	124	1603
Current machines. Means for starting alternating.....	O. F. Whitehurst.....	830,947	Sept. 11	2103	444	124	557
Current machinery. Alternating.....	A. S. McAllister.....	809,835	Jan. 9	2448	509	120	570
Current machinery. Alternating.....	A. S. McAllister.....	815,459	Mar. 20	2986	622-3	121	758
Current meter. Alternating.....	R. Arno.....	820,756	May 15	3487	748	122	896
Current meter on Ferraris principle. Alternating.....	E. Morck.....	819,242	May 1	418	88	122	98
Current-motor.....	J. Rauscher.....	810,083	Jan. 16	2969	619-20	120	737
Current-motor.....	A. Wiebke and R. E. Gruwell.....	810,314	Jan. 16	3459	714-15	120	838
Current-motor.....	F. B. Marvin.....	815,302	Mar. 13	2609	548	121	628
Current-motor.....	C. R. Buffington.....	823,665	June 19	2908	615	122	2470
Current-motor.....	I. Abbott.....	825,101	July 3	819	170-1	123	218
Current-motor.....	T. G. Palmer.....	825,154	July 3	925	196	123	244
Current-motor.....	N. K. Smith.....	827,889	Aug. 7	383	82	123	1765
Current-motor.....	G. A. Larson.....	828,412	Aug. 14	1451	306	123	2056
Current-motor.....	G. A. Neyland and H. G. Nagel.....	830,449	Sept. 4	1111	233	124	275
Current-motor.....	R. E. De Camp.....	830,973	Sept. 11	2143	454	124	568
Current-motor.....	J. A. Cameron.....	838,237	Dec. 11	1937	415	125	1879
Current-motor.....	W. A. Cairns.....	838,682	Dec. 18	2803	602	125	2135
Current motor. Alternating.....	M. Déri.....	809,787	Jan. 9	2367	488	120	553
Current motor. Alternating.....	B. G. Lamme.....	811,231	Jan. 30	5330	1113-14	120	1317
Current motor. Alternating.....	A. W. Schramm.....	820,890	May 15	3799	810-11	122	964
Current motor. Alternating.....	C. P. Steinmetz.....	822,311	June 5	176	35	122	1766
Current motor. Alternating.....	J. O. Heinze, Jr.....	823,495	June 12	2558	539	122	2331
Current motor. Alternating.....	M. Milch.....	827,319	July 31	5374	1117	123	1420
Current motor. Alternating.....	M. C. A. Latour.....	831,446	Sept. 18	3095	656	124	833
Current motor. Alternating.....	J. B. Wiard.....	832,713	Oct. 9	1401	283	124	1590
Current motor. Alternating.....	F. Eichberg.....	832,724	Oct. 9	1424	287	124	1595
Current motor. Alternating.....	C. A. Ablett.....	834,068	Oct. 23	4407	937	124	2415
Current motor. Alternating.....	M. C. A. Latour.....	836,918	Nov. 27	4170	889	125	1162
Current motor. Alternating.....	E. Schweiger.....	836,968	Nov. 27	4217	898	125	1173
Current motor. Alternating.....	M. Milch.....	839,401	Dec. 25	4196	899	125	2522
Current motor. Single-phase alternating.....	B. G. Lamme.....	811,644	Feb. 6	218	46	120	1533
Current motors. Controlling alternating.....	F. E. Case.....	822,345	June 5	238	50	122	1778
Current motors. Means for controlling alternating.....	F. Eichberg.....	829,860	Aug. 28	4454	941	123	2887
Current motors. Starting-compensator for alternating.....	E. F. Gehrkens.....	809,677	Jan. 9	2167	448	120	508
Current-rectifier.....	F. Pawlowski.....	830,924	Sept. 11	2058	434	124	548
Current-rectifier.....	W. S. Andrews.....	835,344	Nov. 6	941	199	125	238
Current-regulator.....	W. K. Gibbons.....	821,936	May 29	5914	1258	122	1548
Current systems. Protective means for alternating.....	E. F. W. Alexanderson.....	819,627	May 1	1160	254	122	260
Current-tap and lamp-socket. Swiveling.....	C. F. Howes.....	827,310	July 31	5356	1112	123	1415
Current transformers. Operating constant.....	M. O. Troy.....	819,620	May 1	1139	251	122	236
Current-translating device. Alternating.....	L. H. Thullen.....	823,086	June 12	1730	356	122	2152
Currents. Generating alternating.....	W. Stanley.....	821,838	May 29	5733	1221	122	1509
Currents in spark-coils. Vibrating mechanism for interrupting.....	J. O. Heinze, Jr.....	825,830	July 10	2367	494	123	624
Currents. Means for commutating motor and other electric.....	S. S. Seyfert.....	837,889	Dec. 4	1199	266	125	1652
Currents. Producing a constant magnetization by means of alternating.....	M. C. A. Latour.....	819,560	May 1	1027	225	122	231
Currycomb.....	K. T. Neste.....	819,790	May 8	1519	322	122	402
Currycomb.....	J. Q. and J. M. Adams.....	821,075	May 22	4210	895	122	1116
Currycomb.....	R. W. Shaw.....	826,370	July 17	3396	703	123	890
Curtain.....	J. C. Atkin.....	825,692	July 10	2111	439	123	562
Curtain and counterbalance for book and other cases.....	A. McKenzie.....	816,496	Mar. 27	5117	1085	121	1268
Curtain and other roller supporting bracket.....	C. A. Corman.....	830,135	Sept. 4	472	95	124	119
Curtain and shade bracket. Combination.....	B. Ostrem.....	833,622	Oct. 16	3263	694	124	2093
Curtain and shade holder. Combined.....	E. F. Luetgenau.....	825,471	July 10	1609	335	123	437
Curtain and shade support.....	O. L. Bixler.....	820,547	May 15	3104	668	122	812
Curtain-bracket.....	G. E. Quittmeyer.....	817,446	Apr. 10	1791	377	121	1810
Curtain-bracket.....	G. E. Quittmeyer.....	832,923	Oct. 9	1827	377	124	1691
Curtain-fastener.....	J. Schneider.....	809,140	Jan. 2	1027	212	120	225
Curtain-fastener.....	N. A. Ferrer.....	817,477	Apr. 10	1858	390-1	121	1824
Curtain-fastener.....	H. A. Hopkins.....	838,995	Dec. 18	3348	725	125	2265
Curtain-fixture.....	C. E. Dunn.....	810,268	Jan. 16	3358	696	120	816
Curtain-fixture.....	C. L. Hopkins.....	810,278	Jan. 16	3380	700	120	821
Curtain-fixture.....	P. A. Houghtaling.....	810,281	Jan. 16	3387	701	120	822
Curtain-fixture.....	J. Cramer.....	813,865	Feb. 27	4686	1036	120	2652
Curtain-fixture.....	H. H. Forsyth.....	817,759	Apr. 17	2386	512	121	1992
Curtain-fixture.....	P. F. McCarty.....	819,577	May 1	1060	233	122	238

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Curtain-fixture.....	R. M. Riggs.....	820,131	May 8	2263	492	122	568
Curtain-fixture.....	J. M. Mills.....	822,009	May 29	6047	1289	122	1579
Curtain-fixture.....	I. B. Lamping.....	824,427	June 26	4361	928	122	2836
Curtain-fixture.....	C. E. Dunn.....	824,916	July 3	480	94	123	128
Curtain-fixture.....	C. E. Dunn.....	824,917	July 3	482	94	123	129
Curtain-fixture.....	C. L. Hopkins.....	824,929	July 3	506	100	123	135
Curtain-fixture.....	C. L. Hopkins.....	824,930	July 3	508	100	123	136
Curtain-fixture.....	T. Lauther.....	825,737	July 10	2198	458	123	582
Curtain-fixture.....	H. H. Forsyth.....	826,023	July 17	2734	566	123	731
Curtain-fixture.....	A. M. Livelsberger.....	826,040	July 17	2765	573	123	738
Curtain-fixture.....	I. W. Smith and J. B. Hayward.....	826,284	July 17	3224	668	123	847
Curtain-fixture.....	E. E. Whitmore.....	826,298	July 17	3252	672-3	123	855
Curtain-fixture.....	H. H. Forsyth.....	826,498	July 17	3696	766	123	972
Curtain-fixture.....	A. M. Roy.....	826,749	July 24	4208	874	123	1116
Curtain-fixture.....	M. E. Dinsmore.....	827,000	July 24	4685	976	123	1233
Curtain-fixture.....	E. F. Henderson.....	827,151	July 31	5046	1052	123	1339
Curtain-fixture.....	A. T. Foster.....	829,517	Aug. 28	3740	794	123	2712
Curtain-fixture.....	J. M. Shepard.....	831,194	Sept. 18	2609	549	124	709
Curtain-fixture.....	H. E. Keeler.....	833,837	Oct. 23	3710	791	124	2247
Curtain-fixture.....	H. E. Keeler.....	833,838	Oct. 23	3713	791	124	2247
Curtain-fixture.....	H. M. Sturgis.....	835,576	Nov. 13	1892	299	125	396
Curtain-fixture.....	W. Rincker.....	837,123	Nov. 27	4469	948-9	125	1236
Curtain-fixture.....	R. R. Lawson and J. R. Silvernail.....	838,627	Dec. 18	2697	578	125	2109
Curtain-fixture. Adjustable.....	B. Agin and G. B. Thompson.....	819,197	May 1	323	69	122	80
Curtain-fixture. Adjustable.....	A. L. Perra.....	823,481	June 12	2523	529	122	2325
Curtain-fixture. Automatic attaching.....	A. R. Snyder and J. W. Potts.....	833,557	Oct. 16	3121	663	124	2059
Curtain for vehicles. Storm.....	J. Krauss.....	826,671	July 24	4066	842	123	1082
Curtain-frame.....	F. A. Justice.....	824,484	June 26	4476	949	122	2863
Curtain-hanger.....	R. J. Cummings.....	810,726	Jan. 23	4311	895	120	1063
Curtain hanger and support.....	G. W. Powell.....	828,503	Aug. 14	1636	345	123	2104
Curtain-holder.....	G. W. Barnett.....	816,289	Mar. 27	4664	990	121	1173
Curtain-holder.....	O. Tessmann.....	826,128	July 17	2940	610	123	780
Curtain-holder.....	A. T. Chance.....	839,729	Dec. 25	4876	1042	125	2687
Curtain hook. Vestibule.....	H. Springer.....	809,994	Jan. 16	2768	569	120	693
Curtain-looper.....	J. W. Henson.....	820,786	May 15	3541	759	122	909
Curtain. Metallic.....	M. Schultes.....	830,456	Sept. 4	1122	235	124	277
Curtain-pole.....	J. N. Mills.....	816,490	Mar. 27	5105	1082	121	1265
Curtain-pole.....	J. T. Ezzell.....	816,786	Apr. 3	461	103	121	1459
Curtain-pole.....	J. M. Barb.....	819,399	May 1	740	157	122	168
Curtain-pole.....	S. Blakely.....	819,507	May 1	936	205	122	200
Curtain-pole.....	J. F. Burns.....	823,259	June 12	2103	438	122	2236
Curtain-pole.....	J. B. Kram.....	825,665	July 10	2060	430	123	549
Curtain-pole.....	A. J. Mapel.....	825,742	July 10	2210	461	123	585
Curtain-pole.....	W. H. Cutler.....	829,387	Aug. 28	3443	724	123	2637
Curtain-pole.....	H. A. Landis.....	832,488	Oct. 2	945	187	124	1440
Curtain-pole.....	C. H. Hookey.....	833,525	Oct. 16	3064	650	124	2046
Curtain-pole.....	T. F. Thompson and A. P. Baldwin.....	833,564	Oct. 16	3130	665	124	2062
Curtain-pole.....	J. F. Lalus.....	838,867	Dec. 18	3140	677	125	2218
Curtain-pole and curtain-fastener.....	G. F. Tait.....	838,282	Dec. 11	2035	438	125	1902
Curtain-pole and shade bracket.....	J. C. Hooper.....	832,061	Oct. 2	65	15	124	1228
Curtain-pole and shade-bracket support.....	J. H. Reynolds.....	829,891	Aug. 28	4520	953	123	2903
Curtain-pole and shade-bracket support. Combined.....	J. H. Reynolds.....	819,597	May 1	1097	241	122	246
Curtain-pole and shade-roller support. Combined.....	E. B. French.....	811,629	Feb. 6	197	42	120	1528
Curtain-pole bracket.....	I. H. Webb.....	822,170	May 29	6363	1352	122	1651
Curtain-pole bracket.....	G. F. Tait.....	827,272	July 31	5286	1096	123	1399
Curtain-pole, bracket, and window-shade holder. Combined.....	J. H. Seegers.....	816,684	Apr. 3	279	65	121	1422
Curtain-pole fixture.....	F. N. Martindale.....	818,036	Apr. 17	2970	641	121	2122
Curtain-pole lifter.....	C. S. Armstrong.....	817,741	Apr. 17	2348	504	121	1985
Curtain-pole raising and lowering means.....	D. S. Macgregor.....	829,593	Aug. 28	3896	825	123	2752
Curtain-pole ring.....	C. Remhof.....	820,257	May 8	2514	544	122	623
Curtain-protector.....	E. Wohlgemuth.....	827,838	Aug. 7	296	61	123	1743
Curtain-rod.....	A. Eichinger.....	814,903	Mar. 13	1797	376	121	450
Curtain-rod.....	T. C. Richards.....	821,377	May 22	4814	1023	122	1251
Curtain-rod.....	E. W. Vaughan.....	828,586	Aug. 14	1801	379	123	2147
Curtain-rod bracket. Sash.....	R. Palmer.....	819,568	May 1	1084	238	122	244
Curtain-rod support.....	F. L. Lathrop.....	814,911	Mar. 13	1805	378	121	452
Curtain-roller cap.....	J. M. Berry.....	824,230	June 26	3963	849	122	2755
Curtain-shade fixture.....	C. W. Moore.....	827,256	July 31	5250	1090	123	1392
Curtain-shade fixture.....	H. H. Stratton.....	831,195	Sept. 18	2611	549	124	709
Curtain-stretcher.....	F. M. Haynes.....	809,684	Jan. 9	2180	451	120	512
Curtain-stretcher.....	J. Booth.....	825,375	July 10	1377	290	123	377
Curtain-stretcher.....	H. E. Southworth.....	826,378	July 17	3408	706	123	893
Curtain-stretcher.....	H. Adler.....	835,271	Nov. 6	792	166	125	200
Curtain-stretcher and clothes-drier. Combined.....	W. M. Rush.....	815,382	Mar. 20	2838	590	121	724
Curtain-stretcher frame.....	J. C. Wagner.....	835,336	Nov. 6	925	196	125	233
Curtain-support.....	H. C. Schofield.....	830,251	Sept. 4	709	143	124	179
Curtain support. Window.....	W. P. Powell.....	824,042	June 19	3609	769	122	2620
Curtain-supporter.....	E. D. Lewis.....	826,176	July 17	3023	627	123	801
Curtain suspension-hook.....	J. Carr.....	834,188	Oct. 23	4599	975	124	2466
Curtains. Means for plaiting hanging.....	G. F. French and W. H. Pinch.....	817,968	Apr. 17	2840	615	121	2094
Curved surfaces. Attachment for shapers for making.....	H. Dunn.....	818,423	Apr. 24	3741	803-4	121	2340
Cushion.....	H. S. Hale.....	825,826	July 10	2359	493	123	622
Cushion-spring.....	W. R. Smith.....	813,244	Feb. 20	3437	757	120	2323
Cushion-stuffing machine.....	A. L. and F. C. Roop.....	811,095	Jan. 30	5033	1051-2	120	1254
Cushioning device for freely-gyrating mechanisms.....	J. F. Harrison.....	822,893	June 5	1311	270	122	2012
Cuspidor.....	P. L. Madden and G. Pfender.....	814,385	Mar. 6	779	157	121	172
Cuspidor.....	E. T. Willhoit.....	817,029	Apr. 3	963	198	121	1573
Cuspidor.....	F. A. Keiff.....	818,096	Apr. 17	3076	663	121	2143
Cuspidor.....	W. C. Kirk.....	827,537	July 31	5906	1224	123	1549

See Air-cushion. Pneumatic cushion.
 Car-seat cushion. Printing-press air-cushion.
 Heel-cushion.
 Knee-cushion. Seat-cushion.
 Needle-cushion. Truss-cushion.

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g	Vol.	Page.
Cuspidor.....	L. K. Vale, Jr.....	828,152	Aug. 7	910	187	123	1894
Cuspidor. Adjustable sick-bed.....	W. B. Campbell.....	829,039	Aug. 21	2744	577	123	2417
Cuspidor attachment for bars.....	J. F. Heidt.....	824,651	June 26	4801	1024	122	2934
Cuspidor. Car.....	E. Metzger.....	816,809	Apr. 3	506	111	121	1469
Cuspidor-cleaner.....	L. Halvorson and I. Johnson.....	826,657	July 24	4037	836	123	1072
Cuspidor. Flushing.....	J. W. Cooper.....	824,287	June 26	4057	869	122	2775
Cuspidor holder and cleaner.....	J. D. De Lange.....	828,275	Aug. 7	1149	242	123	1950
Cuspidor or spittoon.....	P. M. Freer.....	827,228	July 31	5200	1080	123	1380
Cuspidors. Portable cabinet for.....	A. Heagele.....	817,710	Apr. 10	2268	488	121	1909
Cut-off. Automatic.....	E. G. and J. R. Rose.....	809,749	Jan. 9	2293	475	120	537
Cut-off. Automatic.....	P. C. Hansen.....	817,707	Apr. 10	2263	487	121	1908
Cut-off. Automatic.....	H. J. Trah.....	839,677	Dec. 25	4768	1019	125	2660
Cut-off. Rain-spout.....	D. C. Johnson.....	814,214	Mar. 6	416	86	121	91
Cut-off. Rain-water.....	L. B. Trigg.....	819,823	May 8	1580	335	122	416
Cut-off socket.....	D. H. Haywood.....	808,656	Jan. 2	72	15	120	18
Cut-off socket.....	O. Saugstad.....	808,689	Jan. 2	123	29	120	30
Cut-offs. Construction of rain-water.....	T. F. Crary.....	832,040	Oct. 2	29	7	124	1219
Cut-out.....	F. T. Wheeler.....	829,043	Aug. 21	2715	569	123	2409
Cut-out.....	H. Geisenhöner.....	833,317	Oct. 16	2631	552	124	1943
Cut-out.....	R. Fleming.....	835,353	Nov. 6	957	204	125	242
Cut-out.....	R. A. Baldwin.....	835,493	Nov. 13	1233	266	125	356
Cut-out.....	C. L. Bundy and A. H. Manwaring.....	836,482	Nov. 20	3136	666	125	871
Cut-out. Arc-extinguishing.....	E. M. Hewlett.....	818,376	Apr. 17	3640	781-2	121	2264
Cut-out. Automatic safety.....	R. Richardson.....	824,439	June 26	4383	932	122	2841
Cut-out. Automatic transformer.....	D. C. Conkling and J. E. Winn.....	830,209	Sept. 4	632	127	124	161
Cut-out for electric circuits. Thermal.....	J. C. Armor.....	822,336	June 5	222	46	122	1775
Cut-out. Thermal.....	C. E. Eveleth.....	815,804	Mar. 20	3693	779	121	910
Cut-out. Transformer.....	J. P. Hetherington.....	809,302	Jan. 9	1387	281-3	120	341
Cutlery. Manufacturing.....	E. Hammesfahr.....	815,699	Mar. 20	3454	.....	121	861
Cutlery. Pocket.....	M. von Münster.....	833,171	Oct. 16	2318	486	124	1863
Cutlery-polishing machine.....	C. L. Joy.....	832,861	Oct. 9	1713	353-4	124	1665
Cutter.....							
See Band-cutter.....	Kraut-cutter.....						
Biscuit-cutter.....	Lace-cutter.....						
Boiler-flue cutter.....	Meat-cutter.....						
Boiler-tube cutter.....	Milling-cutter.....						
Bread-cutter.....	Miter-cutter.....						
Broom and brush cutter.....	Motor-cutter.....						
ter.....	Noodle-cutter.....						
Butter-cutter.....	Oil-cloth cutter.....						
Cake-cutter.....	Paper-cutter.....						
Candy-cutter.....	Pie-cutter.....						
Carpet-cutter.....	Pipe-cutter.....						
Cheese-cutter.....	Pipe or tube cutter.....						
Chocolate-cutter.....	Potato-cutter.....						
Cigar-cutter.....	Rivet-cutter.....						
Cigar-tip cutter.....	Roller-cutter.....						
Cloth-cutter.....	Rope-cutter.....						
Core-box cutter.....	Rotary cutter.....						
Corn-cutter.....	Screw-thread cutter.....						
Corn and bunion cutter.....	Sewing-machine						
ter.....	thread-cutter.....						
Cross-tie cutter.....	Sod and cornstalk cut-						
Dado-cutter.....	ter.....						
Die-cutter.....	Stalk-cutter.....						
Dough-cutter.....	Straw-cutter.....						
Earth-cutter.....	Threshing-machine						
Excavating-cutter.....	band-cutter.....						
Feed-cutter.....	Tobacco-cutter.....						
Flue-cutter.....	Tube-cutter.....						
Flue or tube cutter.....	Twine-cutter.....						
Fodder-cutter.....	Twine and thread cut-						
Fuse-cutter.....	ter.....						
Gear-cutter.....	Vegetable-cutter.....						
Hair-cutter.....	Veneer-cutter.....						
Honeycomb-cutter.....	Vine-cutter.....						
Hoof-cutter.....	Weed-cutter.....						
Insulation-cutter.....	Woodworking-ma-						
Jewel-setting cutter.....	chine rotary cutter.....						
Cutter-bar attachment.....	R. G. Kidd.....	829,654	Aug. 28	4019	852	123	2781
Cutter gage. Rotary.....	C. L. Whitener.....	836,847	Nov. 27	3894	831	125	1097
Cutter guard. Revolvable.....	N. M. MacLeod.....	838,730	Dec. 18	2879	620	125	2154
Cutter-head.....	F. D. Hall.....	815,161	Mar. 13	2330	487	121	564
Cutter-head.....	A. W. Nelson.....	815,549	Mar. 20	3152	660	121	793
Cutter-head.....	E. S. and G. S. Shimer.....	820,892	May 15	3804	811-12	122	965
Cutter-head.....	E. S. and G. S. Shimer.....	826,371	July 17	3397	704	123	891
Cutter-head.....	M. Button.....	830,297	Sept. 4	805	165	124	202
Cutter-head.....	A. F. Heckel.....	834,299	Oct. 30	4841	1023	124	2571
Cutter-head for shapers.....	C. Backman.....	816,953	Apr. 3	821	168	121	1540
Cutter-head for wood-shapers.....	E. Wismar.....	811,682	Feb. 6	286	64	120	1548
Cutter-head gage.....	E. A. Walker.....	809,037	Jan. 2	810	175	120	179
Cutters in milling and cutting heads. Means of fixing.....	W. Wemhoener.....	833,270	Oct. 16	2527	528	124	1916
Cutting and measuring machine.....	A. P. Sweeney.....	811,338	Jan. 30	5534	1154-5	120	1361
Cutting and reaming knife.....	W. Brower.....	812,325	Feb. 13	1647	362	120	1901
Cutting and sluicing apparatus.....	S. H. Richardson.....	810,810	Jan. 23	4470	929	120	1097
Cutting device. Rotary.....	T. B. Williams.....	814,418	Mar. 6	863	177	121	188
Cutting-die.....	P. A. Lorenz.....	828,225	Aug. 7	1046	220	123	1926
Cutting-die.....	F. J. Lima.....	831,791	Sept. 25	3808	797	124	1058
Cutting, forming, and assembling machine. Auto-	A. H. Grenebaum.....	835,065	Nov. 6	390	79-80	125	102
matic.....							
Cutting-head.....	W. B. Huther.....	817,568	Apr. 10	2033	428	121	1859
Cutting headings. Machine for.....	W. A. Lathrop.....	816,923	Apr. 3	750	154-6	121	1524
Cutting-machine.....	W. C. Quillen.....	817,000	Apr. 3	909	187-8	121	1560
Cutting-machine.....	W. A. Garrigus.....	824,641	June 26	4786	1020	122	2931
Cutting-machine.....	A. E. Pollock.....	824,918	July 3	541	107-8	123	144
Cutting mechanism.....	F. E. Strasburg.....	810,993	Jan. 30	4862	1012-13	120	1216

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cutting mechanism.....	W. A. Sylvester.....	813,598	Feb. 27	4156	911	120	2538
Cutting mechanism.....	C. F. Smith.....	818,713	Apr. 24	4335	930	121	2469
Cutting-mechanism attachment.....	F. Hamacbek.....	821,636	May 29	5318	1134	122	1417
Cutting plates, pipes, &c.....	F. Jottrand.....	831,078	Sept. 18	2394	502	124	662
Cutting-tool.....	J. B. Hawley.....	814,447	Mar. 6	908	186	121	198
Cutting-tool.....	J. A. Dale.....	830,417	Sept. 4	1046	218	124	258
Cutting-tool. Automatic.....	W. D. Allen and G. A. Johnson.....	834,877	Nov. 6	1	1	125	3
Cutting tubular bodies. Machine for.....	E. J. Logan.....	823,422	June 12	2389	504-5	122	2296
Cyanid-solution agitator.....	H. P. Smith and F. J. Hobson.....	812,460	Feb. 13	1892	417	120	1952
Cyanid-tank gate.....	J. Ike.....	820,116	May 8	2237	486	122	562
Cyanogen compounds. Production of.....	C. Bosch.....	821,457	May 22	4977	.....	122	1286
Cycle.....	E. Fothergill.....	833,314	Oct. 16	2628	551	124	1942
Cycle. Ice.....	F. W. Lehman.....	828,130	Aug. 7	878	181	123	1887
Cycle-lock.....	K. Ballod.....	813,937	Feb. 27	4826	1065	120	2681
Cycle. Motor.....	E. Bütikofer.....	818,609	Apr. 24	4131	888	121	2424
Cycle. Motor.....	W. H. Cress.....	833,584	Oct. 16	3187	677	124	2076
Cycle. Motor and other.....	W. J. Tooley.....	833,651	Oct. 16	3317	705	124	2106
Cycle pedal-plate.....	A. W. Chesterman.....	820,095	May 8	2198	479	122	553
Cycle-saddle.....	J. B. Brooks and J. Holt.....	823,915	June 19	3363	717	122	2569
Cycle-saddle.....	J. B. Brooks and J. Holt.....	823,916	June 19	3365	718	122	2569
Cycle transmission mechanism. Motor.....	L. C. G. Riviere.....	811,327	Jan. 30	5514	1149	120	1357
Cycle. Water.....	A. L. Standard.....	837,973	Dec. 11	1383	301	125	1740
Cycles and other vehicles. Cushion-fork for motor.....	W. G. Schaeffer.....	811,250	Jan. 30	5370	1121	120	1327
Cycles. Brake for the hubs of.....	W. and A. Chamberlain.....	811,617	Feb. 6	162	36	120	1520
Cycles. Side-lever pedal-gear for.....	J. H. McFarlane.....	832,497	Oct. 2	962	191	124	1443
Cylinder-cooling device.....	C. H. Blomstrom.....	815,257	Mar. 13	2521	525	121	608
Cylinder-lining.....	W. H. Tams.....	830,539	Sept. 11	1304	269	124	349
Cylinder-lock and key therefor.....	P. K. Lindgren.....	834,918	Nov. 6	82	16	125	24
Cylinder-tooth.....	L. P. Pederson.....	813,579	Feb. 27	4126	904	120	2532
Dado-cutter.....	E. Wismar.....	811,681	Feb. 6	285	63	120	1548
Dado-cutter.....	B. G. Luther.....	829,927	Aug. 28	4612	970	123	2928
Dairy products. Suction apparatus for.....	C. M. Taylor, Jr.....	809,861	Jan. 9	2496	519	120	582
Dam.....	G. E. Ladshaw.....	828,752	Aug. 14	2124	449	123	2228
Dam.....	W. L. Church.....	833,506	Oct. 16	3030	643	124	2037
Dam. Adjustable.....	F. Pokorny.....	829,172	Aug. 21	3011	629	123	2486
Dam. Ditch.....	G. H. D. Ross.....	836,278	Nov. 30	2748	584	125	781
Dam. Floating wheel.....	F. W. McNeil.....	830,917	Sept. 11	2048	431	124	545
Dam. Irrigation.....	A. W. Applegate.....	820,332	May 8	2647	578	122	653
Dam, retaining-wall, or breakwater.....	J. S. Fielding.....	813,695	Feb. 27	4343	956	120	2578
Dams. Flash-board for.....	W. H. Lang.....	819,147	May 1	215	45-6	122	54
Dampener for sheet feeds or separators.....	C. G. Harris.....	811,843	Feb. 6	588	128	120	1609
Dampening collars at the lines of their folding. Machine for.....	H. A. Mann.....	820,426	May 15	2845	620	122	754
Damper.....	J. R. McCord.....	817,183	Apr. 10	1260	262	121	1699
Damper.....	C. L. Wagandt.....	821,209	May 22	4460	950	122	1170
Damper.....	M. McCormick.....	828,135	Aug. 7	887	183	123	1889
Damper.....	N. Pruitt.....	835,915	Nov. 13	2019	430	125	549
Damper. Automatic.....	W. H. H. Morelock.....	813,228	Feb. 20	3411	752	120	2317
Damper. Automatic.....	C. R. Worthington.....	836,955	Nov. 27	4128	881	125	1151
Damper. Automatic stove.....	W. R. Bond.....	827,955	Aug. 7	524	107	123	1802
Damper. Bolster swing.....	W. G. Price.....	818,642	Apr. 24	4195	902	121	2439
Damper-controller. Time.....	J. M. Wollaston.....	831,587	Sept. 25	3386	711	124	944
Damper for stovepipes, flues, &c.....	H. W. Conway.....	816,712	Apr. 3	323	74-5	121	1431
Damper-operating device.....	E. H. Weaver.....	828,911	Aug. 21	2451	520	123	2342
Damper-operating mechanism.....	C. McPherson.....	810,071	Jan. 16	2953	615	120	734
Damper-operating motor.....	O. Saugstad.....	815,559	Mar. 20	3167	665	121	797
Damper. Pipe.....	H. Whittham.....	813,188	Feb. 20	3332	733	120	2302
Damper-regulator.....	E. B. Rayner.....	813,669	Feb. 27	4292	945	120	2568
Damper-regulator.....	C. P. Geritz.....	825,820	July 10	2347	490	123	618
Damper-regulator.....	A. W. Rowe and A. W. Bittenbender.....	830,178	Sept. 4	548	112	124	139
Damper-regulator and motor therefor.....	O. Saugstad.....	817,277	Apr. 10	1454	306	121	1738
Damper. Stovepipe.....	A. Schwill.....	833,554	Oct. 16	3117	662	124	2059
Damper. Time-controlled.....	S. B. Brown.....	808,896	Jan. 2	548	121	120	121
Damper. Time-controlled.....	C. F. Anderson.....	836,853	Nov. 27	3902	833	125	1099
Damping, inking, or like purposes. Pad for.....	I. K. Rogers.....	829,804	Aug. 28	4345	918	123	2860
Dancing figure. Automatic.....	H. Wolke.....	822,707	June 5	966	197	122	1942
Dandruff, &c. Apparatus for removing.....	M. Strunsky.....	828,439	Aug. 14	1506	317	123	2069
Dandy-roll.....	J. R. Sinclair.....	813,835	Feb. 27	4632	1024	120	2641
Danger-signal.....	W. C. Creveling.....	811,037	Jan. 30	4940	1031	120	1034
Danger-signal.....	B. S. Miller.....	833,935	Oct. 23	3935	835	124	2336
Dash-foot and toe-rail support. Vehicle.....	P. E. Ebrezn.....	825,640	July 10	2006	418	123	535
Dash-pot.....	S. P. Wilbur.....	821,073	May 22	4208	894	122	1115
Dash-pot.....	W. R. Whitney.....	827,339	July 31	5415	1126	123	1431
Dash-pot.....	H. M. Crane.....	828,091	Aug. 7	811	167-8	123	1871
Dash-pot.....	F. E. Lammert.....	831,615	Sept. 25	3446	723-4	124	960
Dash-pot.....	A. M. Coyle.....	838,169	Dec. 11	1803	387	125	1848
Dash-pot. Time-limit.....	W. B. Potter.....	821,431	May 22	4935	1049	122	1276
Date and note block. Combined.....	J. Schwarz.....	823,702	June 19	2965	628	122	2481
Dating-machine.....	C. Spielmann.....	837,514	Dec. 4	457	105	125	1470
Dauber.....	G. B. Krag.....	824,366	June 26	4226	901	122	2810
Davenport.....	F. A. Jacob.....	814,606	Mar. 6	1208	252-3	121	261
Davenport and bed. Combined.....	A. M. Padmore.....	813,233	Feb. 20	3419	753-4	120	2319
Davenport-pad.....	R. Coopersmith.....	817,139	Apr. 3	1160	240	121	1617
Davit. Ship's.....	J. W. Groff.....	810,854	Jan. 23	4543	946	120	1114
Davits. Attachment for boat.....	N. Murchison.....	812,069	Feb. 6	1071	234	120	1707
Decanting apparatus. Liquid.....	C. Sellenscheidt.....	814,169	Mar. 6	327	66	121	71
Decapping, recapping, and sizing machine.....	D. E. Swaygood.....	835,480	Nov. 6	1197	258-9	125	301
Deck-plate.....	E. A. Ely.....	829,862	Aug. 28	4458	942	123	2888
Deckle-strap.....	J. S. Patterson.....	826,739	July 24	4189	870	123	1110
Decorating device.....	J. Gruber.....	811,393	Jan. 30	5630	1179	120	1382
Decorative process.....	A. Kummerow.....	813,720	Feb. 27	4389	968	120	2588
Decorticating-machine.....	M. Castellon.....	816,296	Mar. 27	4679	994-5	121	1176
Decorticating-machine.....	W. J. Hollier.....	824,244	June 26	3993	854-5	122	2762
Decorticating Manila fiber and like substances. Machine for.....	C. E. Dailey.....	815,799	Mar. 20	3683	776	121	908

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Decorticating ramie and other fibrous plants. Machine for	J. M. A. Faure	835,412	Nov. 6	1087	235	125	274
Decorticator	F. Holtzhausen	812,041	Feb. 6	1023	223	120	1696
Decoy	W. W. Cram	811,036	Jan. 30	4939	1031	120	1234
Decoy	C. A. Samuel	811,587	Feb. 6	106	23	120	1508
Decoy	F. J. Johnston	812,499	Feb. 13	1970	433	120	1967
Decoy	F. J. Johnston	833,966	Oct. 23	4093	872	124	2337
Decoy-duck	F. M. Oliver and C. B. Westcott	836,823	Nov. 27	3850	821	125	1086
Decoy-duck-tethering device	C. A. Samuel	811,586	Feb. 6	106	23	120	1508
Decoys. Anchor for	H. H. Tartsch	814,097	Mar. 6	191	38	121	42
Defibrating-machine	J. S. Gillies	832,476	Oct. 2	918	179	124	1432
Degreasing substances. Apparatus for	H. Roeske	810,223	Jan. 16	3259	675-6	120	795
Dehorner	G. Webster	814,100	Mar. 6	197	39	121	43
Dehorner	G. Webster	830,470	Sept. 4	1151	242	124	284
Dehorning-gate	M. H. Bidwell	821,454	May 22	4972	1057	122	1285
Dehorning implement	S. T. Wicks	832,944	Oct. 9	1867	387	124	1700
Dehydrating apparatus	E. W. Cooke	834,265	Oct. 30	4780	1011	124	2556
Delinting-machine	R. Derdeyn	820,957	May 22	3955	841-2	122	1060
Delivery apparatus. Coin-controlled	J. H. W. Landré	819,291	May 1	517	109	122	120
Delivery-box	L. J. and P. Zimmermann	814,107	Mar. 6	206	41-2	121	45
Delivery device	J. Gregory	814,368	Mar. 6	747	151	121	165
Delivery-machine. Coin-freed automatic	A. Marsden	833,888	Oct. 23	3829	813	124	2277
Demand-indicator	L. Wilson	835,484	Nov. 6	1204	261	125	302
Dental and surgeon's cabinet	W. C. Wolford	834,790	Oct. 30	5811	1233	124	2816
Dental and surgical lamp	C. F. Rodgers	811,442	Jan. 30	5719	1198	120	1399
Dental and surgical obtunder	W. L. Moore and E. L. Hutchinson	811,864	Feb. 6	629	137	120	1618
Dental articulator	W. W. Crate	824,096	June 26	3700	788-9	122	2698
Dental articulator	F. W. Stephan	827,824	Aug. 7	268	54	123	1737
Dental bite-taker	L. H. Crawford	833,204	Oct. 16	2401	503	124	1884
Dental bridgework. Removable	E. C. Bennett	832,528	Oct. 2	1015	204	124	1456
Dental can	W. Brush	811,370	Jan. 30	5593	1168	120	1374
Dental clamp	E. L. Hutchinson	811,848	Feb. 6	596	130	120	1610
Dental compress	N. L. Burke	811,479	Jan. 30	5776	1209	120	1411
Dental contour-pliers	N. H. Smith	816,828	Apr. 3	551	117	121	1479
Dental-crown construction	C. A. Skalsstad	833,254	Oct. 16	2498	522	124	1908
Dental devices. Making	S. Towle	824,218	June 26	3938	844	122	2751
Dental disk-holder	J. A. Thomas	831,489	Sept. 18	3173	671	124	854
Dental-disk shield	W. F. Green	823,167	June 12	1891	389	122	2188
Dental engine	A. W. Browne	825,891	July 17	2479	516	123	662
Dental engine	N. K. Garhart	829,395	Aug. 28	3457	727	123	2641
Dental engine. Cord-suspension electric	J. V. Trenaman	826,629	July 24	3992	826	123	1061
Dental-engine mandrel	W. C. K. Buchanan	820,474	May 15	2941	637	122	776
Dental expander or dilator	C. G. Davis	815,907	Mar. 20	3909	827	121	956
Dental filling	F. C. C. T. A. Osius	819,249	May 1	427	90	122	100
Dental-flask handle	T. G. Lewis	808,935	Jan. 2	614	134	120	136
Dental-floss holder	J. C. De La Cour	817,050	Apr. 3	999	204	121	1580
Dental furnace. Electric	D. G. Steinecke	820,025	May 8	2035	446-7	122	515
Dental furnace. Portable	F. S. Belyea	812,395	Feb. 13	1782	390	120	1929
Dental handpiece	C. L. Alexander	823,150	June 12	1855	383	122	2179
Dental handpiece	C. M. Freeman	831,943	Sept. 25	4132	861	124	1136
Dental handpiece	W. W. Freeman	834,899	Nov. 6	45	9	125	14
Dental handpiece	A. C. Sargent	837,423	Dec. 4	293	71	125	1429
Dental handpieces. Slip-joint connection for	E. E. Smith and H. F. Jones	813,178	Feb. 20	3315	729	120	2298
Dental instrument	L. H. Crawford	827,507	July 31	5838	1209	123	1533
Dental instrument	T. Goodhugh	833,044	Oct. 9	2057	433	124	1748
Dental instrument for raising barbs upon wires	L. S. Lourie	816,668	Apr. 3	249	59	121	1415
Dental instrument for slitting and removing cap-crowns	L. Dollar	833,375	Oct. 16	2739	577	124	1971
Dental-instrument holder	J. W. Ivory	812,567	Feb. 13	2122	465	120	1999
Dental matrix	W. Crenshaw	812,328	Feb. 13	1651	363	120	1902
Dental-matrix retainer	C. M. Leffingwell	814,056	Mar. 6	113	22	121	26
Dental-matrix retainer	J. E. Herman	819,137	May 1	200	41	122	51
Dental measuring-tool	F. X. Dusseau and B. F. Kirk	825,896	July 17	2488	517	123	664
Dental metal crowns. Apparatus for stamping and shaping	A. Grünstein	828,109	Aug. 7	845	174	123	1879
Dental mirror	W. H. Grant	836,967	Nov. 27	4145	885	125	1156
Dental motor. Suspended electric	J. F. Hammond	820,781	May 15	3529	757	122	906
Dental obtunder	W. F. Blasingame	810,611	Jan. 23	4113	849	120	1019
Dental-plate machine	W. S. Filley	819,641	May 1	1191	260	122	268
Dental-plate swage	G. E. Freeborn	815,807	Mar. 20	3699	780	121	911
Dental plugger	F. X. Mellen	829,119	Aug. 21	2876	603	123	2453
Dental plugger	H. D. Bultman	832,955	Oct. 9	1888	393	124	1706
Dental-silk box	O. C. Schulz	808,690	Jan. 2	125	29	120	30
Dental stoppings and other similar purposes. Antiseptic and perfumed block for	L. Eilertsen	825,268	July 3	1149	.....	123	299
Dental structures. Forming	J. A. Lentz	833,883	Oct. 23	3816	810	124	2274
Dental swaging apparatus	F. L. Argall	821,150	May 22	4359	927	122	1149
Dental swaging apparatus	L. H. Crawford	827,508	July 31	5839	1210	123	1534
Dental swaging device	G. J. Weber	826,977	July 24	4635	966	123	1222
Dental tool	A. W. Feltmann	809,365	Jan. 9	1525	309	120	370
Dental tool	C. P. Fritz	815,153	Mar. 13	2314	484	121	560
Dental tool	J. H. Abbott	826,818	July 24	4331	901	123	1148
Dental tool	C. A. Spahn	831,307	Sept. 18	2845	602	124	771
Dental tool	J. E. Argue	836,001	Nov. 13	2159	463	125	581
Dental tool for removing crown-pins	T. Carpenter	812,976	Feb. 20	2913	642	120	2210
Dental-tool holder or clutch	B. S. Brown	816,069	Mar. 27	4244	898	121	1082
Dental-tool shield and moistener	C. A. Sevier	816,685	Apr. 3	280	65	121	1422
Dental trial-plates. Instrument for softening	J. Miller	835,628	Nov. 13	1498	319	125	423
Dental vulcanizer	V. A. Gudex	820,045	May 8	2087	455	122	528
Dental waste-cotton receptacle	B. G. Simmons	819,678	May 1	1262	275	122	283
Dental work	H. D. Best	838,296	Dec. 11	2057	444	125	1907
Dentistry. Grinding stone and disk employed in mechanical and operative	H. Sanford-Burton	813,348	Feb. 20	3651	800	120	2367
Dentist's tweezers	W. W. Burgin	836,299	Nov. 20	2791	593	125	792

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Page.	Page.	Vol.	Page.
Dentifrice.....	H. C. G. Luyties.....	834,676	Oct. 30	5572		124	2757
Denture.....	R. M. Craig.....	830,887	Sept. 11	1992	419	124	533
Denture, Artificial.....	J. M. Card.....	810,712	Jan. 23	4285	890-1	120	1058
Denture, Artificial.....	J. M. Card.....	810,713	Jan. 23	4287	891	120	1058
Denture, Artificial.....	J. M. Card.....	810,842	Jan. 23	4519	941	120	1108
Denture, Artificial.....	P. B. and S. J. Lesemann.....	831,960	Sept. 25	4165	868	124	1145
Denture, Artificial.....	E. D. R. Garden.....	834,515	Oct. 30	5250	1115	124	2676
Derailer.....	E. H. Allfree and W. H. England.....	824,462	June 26	4437	941-2	122	2855
Derailer.....	T. W. Linn and J. H. Patrick.....	825,740	July 10	2206	459	123	584
Derailers, &c. Operating mechanism for.....	S. W. Hayes.....	837,930	Dec. 11	1289	282	125	1717
Derailing device.....	O. J. Travis.....	829,446	Aug. 28	3575	754	123	2670
Derrick.....	W. J. Newman.....	810,556	Jan. 23	3997	823	120	994
Derrick.....	J. S. Allen, Jr.....	810,691	Jan. 23	4241	878-9	120	1048
Derrick.....	T. J. McClain and R. S. McDaniel.....	816,590	Apr. 3	75	18	121	1372
Derrick.....	S. P. Mitchell.....	817,863	Apr. 17	2614	566-7	121	2042
Derrick.....	P. F. Fitzgibbons.....	822,837	June 5	1202	246-7	122	1991
Derrick and concrete-mixer. Combined.....	J. L. Parsons, Jr.....	811,243	Jan. 30	5351	1117	120	1322
Derrick, Log.....	H. Combs.....	813,352	Feb. 20	3660	802	120	2369
Derrick, Oil-well.....	W. O. Covey.....	829,694	Aug. 28	4111	871	123	2802
Derrick, Oil-well.....	W. Heckart.....	837,402	Dec. 4	250	63	125	1419
Derrick, Portable.....	J. F. White.....	818,645	Apr. 24	4205	904	121	2441
Derrick, Portable.....	J. McCormick.....	821,954	May 29	5951	1267	122	1556
Derrick, Revolving.....	J. A. Glancey.....	817,481	Apr. 10	1865	392-3	121	1825
Derrick-swinger.....	G. P. Wern.....	836,622	Nov. 20	3402	726	125	935
Derrick-table. Self-feeding.....	V. Winn.....	812,106	Feb. 6	1143	251	120	1721
Derrick-turning apparatus.....	W. J. McClain, Jr.....	834,316	Oct. 30	4867	1029	124	2578
Derricks or cranes. Device for swinging.....	O. L. Schlumpf.....	837,510	Dec. 4	452	103-4	125	1469
Desiccating apparatus.....	J. C. McLachlan.....	827,172	July 31	5105	1061-2	123	1355
Desiccating or evaporating apparatus.....	W. E. Jaques.....	827,153	July 31	5048	1052	123	1340
Design-roller.....	B. D. Marks.....	819,297	May 1	528	111-12	122	122
Designs on bricks, &c. Apparatus for the production of line.....	C. W. Schou.....	813,592	Feb. 27	4145	908-9	120	2536
Desk.....	E. B. Lewis.....	821,945	May 29	5931	1262	122	1553
Desk.....	J. A. Peterson.....	825,346	July 10	1312	276	123	360
Desk.....	L. D. Stibley.....	837,000	Nov. 27	4221	899	125	1174
Desk. Adjustable combination.....	C. S. Owens.....	818,910	Apr. 24	4721	1013	121	2552
Desk and seat.....	E. H. Claudy.....	835,010	Nov. 6	267	59	125	70
Desk and easel. Adjustable artist's.....	J. and E. M. Goldsworthy.....	815,810	Mar. 20	3704	780	121	912
Desk and seat and other furniture. School.....	A. L. and G. H. Bancroft.....	820,336	May 8	2653	579	122	654
Desk and seat. Combined.....	H. G. Lippard.....	827,245	July 31	5233	1046	123	1387
Desk and type-writer stand. Roller-top.....	W. H. O'Keefe.....	824,434	June 26	4376	930-1	122	2839
Desk appurtenance.....	A. Kayser.....	812,501	Feb. 13	1974	433	120	1968
Desk attachment.....	E. Seachrest.....	839,654	Dec. 25	4727	1010	125	2649
Desk. Foldable.....	N. W. Selander.....	825,355	July 10	1332	281	123	355
Desk. Folding.....	L. and A. Jensen.....	827,913	Aug. 7	421	90	123	1775
Desk. Folding drawer.....	A. G. Hough.....	829,156	Aug. 21	2966	620	123	2475
Desk-lid support.....	J. Herzog.....	833,687	Oct. 16	3389	722	124	2122
Desk. Office.....	A. Rollmann.....	828,507	Aug. 14	1643	346-7	123	2106
Desk-pad.....	I. Smigel.....	811,334	Jan. 30	5528	1152	120	1360
Desk-pad and clip for holding papers. Combination.....	M. Vernon.....	839,052	Dec. 18	3470	749	125	2298
Desk. Reading.....	W. J. Lonergan.....	814,381	Mar. 6	772	156	121	171
Desk-reminder. Perpetual.....	F. G. Gerow.....	826,656	July 24	4035	836	123	1072
Desk. School.....	W. H. Stockman.....	816,272	Mar. 27	4637	983	121	1166
Desk. School.....	W. C. Toles.....	827,830	Aug. 7	279	57	123	1740
Desk. School.....	D. W. Winburn.....	837,020	Nov. 27	4259	906	125	1182
Desk seats. Hinge for school.....	J. Zimmer.....	827,950	Aug. 7	513	105	123	1799
Desk-shelf. Swinging.....	C. Keck.....	820,050	May 8	2096	457-8	122	530
Desk-table.....	H. Johnson.....	809,376	Jan. 9	1545	314	120	374
Desk-tool.....	W. H. Preston.....	830,614	Sept. 11	1459	302	124	391
Desk utensil.....	J. N. Maingot.....	823,798	June 19	3151	666-7	122	2522
Detecting mechanism.....	G. R. Williams.....	824,460	June 26	4427	940-1	122	2852
Detector-bar.....	J. T. Hamby.....	838,709	Dec. 18	2845	612	125	2146
Detector-bar clip.....	J. T. Hamby.....	824,355	June 26	4193	896	122	2804
Detector-bar clip.....	J. S. Hobson.....	816,658	Apr. 3	234	54-5	121	1412
Detinning.....	K. Goldschmidt and J. Weber.....	822,115	May 29	6255	1332	122	1627
Detinning.....	K. Goldschmidt and J. Weber.....	836,028	Nov. 13	2203		125	592
Detinning process.....	K. Goldschmidt and J. Weber.....	831,223	Sept. 18	2657	559	124	721
Developing-machine.....	W. M. Towers and H. S. Harrington.....	810,234	Jan. 16	3286	680	120	801
Dial. Illuminated.....	C. F. Fernald.....	818,822	Apr. 24	4567	979	121	2519
Dial-lock.....	L. A. Druehl.....	809,556	Jan. 9	1916	398	120	454
Dial-transmitter.....	C. F. Pearce.....	811,950	Feb. 6	828	182-4	120	1658
Dialkylmalonyl ureas. Making.....	G. Keil.....	822,672	June 5	887		122	1925
Diamond.....	E. G. H. Schenck.....	809,531	Jan. 9	1866	387	120	444
Diamond-drill.....	J. H. O'Donnell.....	810,503	Jan. 23	3889	799	120	971
Diamond-drill and burnishing-lathe.....	J. H. O'Donnell.....	810,504	Jan. 23	3891	799	120	972
Diamond-sawing machine.....	W. Loesser.....	835,964	Nov. 13	2101	450	125	568
Diamonds. Dividing.....	S. Wood.....	839,356	Dec. 25	4113	883	125	2502
Diamonds. Dividing.....	S. Wood.....	839,357	Dec. 25	4115	884	125	2503
Diaper.....	R. H. Peters and L. A. Mason.....	816,036	Mar. 27	4165	882	121	1065
Diaper. Infant's.....	W. R. Way.....	810,689	Jan. 23	4239	878	120	1047
Diaphragm-actuated mechanism.....	E. Thomson.....	832,708	Oct. 9	1392	281	124	1588
Diastatic substance and making same.....	J. Takamine.....	826,699	July 24	4119		123	1094
Die: See Bottle-cap-finishing die. Screw-connecting die. Screw-threading die. Cutting-die. Setting-die. Flanging-die. Wire working-die. Harness-loop die.							
Die.....	J. Roth.....	820,603	May 15	3198	687	122	833
Die.....	J. J. Brossoit.....	820,763	May 15	3504	751	122	901
Die.....	J. S. Alston.....	822,233	June 5	2	1	122	1729
Die-block.....	E. L. Hurd.....	836,686	Nov. 27	3566	760	125	1012
Die-cutter.....	H. W. Oster.....	832,076	Oct. 2	92	21	124	1234
Die for rope-clamps.....	E. Covert.....	826,766	July 24	4247	882	123	1127
Die-press.....	C. L. McBride.....	812,283	Feb. 13	1566	343	120	1883
Die-press.....	G. Goldman.....	835,753	Nov. 13	1712	364-6	125	475

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Die-stock.	H. W. Oster.	812,870	Feb. 20	2700	595	120	2164
Die-stock.	F. B. Downs.	819,868	May 8	1660	355-6	122	435
Die-stock.	T. R. Leighton.	824,428	June 26	4362	928	122	2836
Die-stock.	W. F. Brooke.	827,209	July 31	5171	1073	123	1373
Die-stock.	H. W. Oster.	827,656	July 31	6140	1276	123	1612
Die-stock.	H. J. Carmody.	828,191	Aug. 7	989	205	123	1913
Die-stock. Adjustable.	B. Borden.	812,398	Feb. 13	1787	391	120	1930
Die-stock. Adjustable.	B. Borden.	814,581	Mar. 6	1159	242	121	251
Die-stock. Adjustable.	B. Borden.	817,217	Apr. 10	1330	278	121	1714
Die-stock. Adjustable.	B. Borden.	830,875	Sept. 11	1974	414	124	529
Die-stock. Adjustable.	B. Borden.	834,454	Oct. 30	5131	1089-90	124	2644
Die. Threading.	W. Richmond.	826 610	July 24	3960	820	123	1054
Dies for die-stocks. Machine for cutting.	H. W. Oster.	809,007	Jan. 2	764	165	120	168
Digger.							
See Automatic digger. Potato-digger.							
Post-hole digger.							
Digging holes.	I. D. Kemmerer.	814,849	Mar. 13	1706	356	121	431
Digging or excavating apparatus.	W. J. Newman.	833,333	Oct. 16	2661	559	124	1951
Digging tool. Hole.	I. D. Kemmerer.	814,850	Mar. 13	1707	357	121	431
Dilator.	G. F. Richter.	810,675	Jan. 23	4215	872	120	1042
Dilator.	S. L. Kistler.	832,201	Oct. 2	369	68	124	1302
Dining and billiard table. Combined.	W. Stevenson.	817,097	Apr. 3	1075	223	121	1596
Dining-table.	M. Miller.	831,797	Sept. 25	3818	799	124	1060
Dioxypyrimidin. Making 4-imino-2-6.	M. Conrad and W. Beckh.	811,826	Feb. 6	546		120	1601
Dipper.	D. H. Mosteller.	836,817	Nov. 27	3840	818	125	1083
Dipper. Cream.	L. B. Mandeville.	828,040	Aug. 7	701	145	123	1844
Dipper-tooth.	W. Bodette.	820,906	May 15	3832	817	122	971
Dipping-tank.	A. A. Kramer.	821,809	May 29	5680	1210	122	1498
Direct-acting engine. Compensating.	F. F. Nicke.	823,694	June 19	2952	624-5	122	2478
Directory attachment.	H. W. Stone.	823,559	June 19	2702	571	122	2422
Directory device.	C. A. Johnson.	824,483	June 26	4474	948	122	2863
Directory-holder.	E. B. and F. A. Taylor.	822,490	June 5	508	103	122	1837
Directory. Telephone.	D. F. Whitcomb.	828,161	Aug. 7	929	190-1	123	1898
Dirt-receptacle. Wheeled.	C. Henriksson.	839,143	Dec. 25	3696	797-8	125	2402
Disappearing seat.	C. K. Pickles.	808,679	Jan. 2	108	25	120	26
Disappearing seat.	S. M. Curwen.	816,537	Mar. 27	5197	1103	121	1287
Diseased tissues. Apparatus for treating.	A. Ciolfi and R. A. Case.	808,635	Jan. 2	29	7	120	9
Diseases by light. Cabinet for treating.	B. F. Fuller.	828,733	Aug. 14	2091	442	123	2220
Dish.	W. F. Donovan.	839,123	Dec. 25	3649	787	125	2388
Dish-cleaning apparatus.	R. Wylie.	819,112	May 1	163	32	122	43
Dish-drainer.	W. A. McAdams.	815,855	Mar. 20	3806	805	121	934
Dish-drier.	J. Daly.	818,613	Apr. 24	4142	890	121	2426
Dish-drying device.	A. S. King.	817,120	Apr. 3	1125	233	121	1610
Dish-pan.	J. J. Meyer.	827,168	July 31	5088	1058	123	1351
Dish scraper and cleaner.	J. T. Fokett.	824,473	June 26	4458	945	122	2859
Dish-washer.	E. J. Miller.	829,414	Aug. 28	3488	733	123	2649
Dish-washer.	D. H. Simmons.	832,818	Oct. 9	1612	331	124	1639
Dish washer and sterilizer. Combination.	P. R. Lisa.	831,084	Sept. 18	2405	505	124	665
Dish-washing apparatus.	W. E. Niece.	820,594	May 15	3182	685	122	830
Dish-washing apparatus.	C. B. Miller.	821,250	May 22	4533	965	122	1188
Dish-washing machine.	J. D. McElroy.	811,735	Feb. 6	374	82	120	1568
Dish-washing machine.	G. F. Sigler and A. Dow.	814,329	Mar. 6	667	134	121	146
Dish-washing machine.	I. L. Frankem.	818,427	Apr. 24	3748	805	121	2343
Dish-washing machine.	O. Kitchell and C. W. Swanson.	821,105	May 22	4263	907	122	1127
Dish-washing machine.	A. W. Bodell.	821,696	May 29	5447	1160-1	122	1442
Dish-washing machine.	W. M. Campbell.	833,440	Oct. 16	2889	612-13	124	2007
Dish-washing machine.	C. W. Donnell.	835,060	Nov. 6	376	76-7	125	99
Dish-washing machine.	M. Dapron and J. Froelich.	838,955	Dec. 18	3286	711	125	2251
Dishes. Machine for decorating.	C. E. Bell.	834,181	Oct. 23	4587	973	124	2463
Disinfecting and deodorizing block. Sanitary.	J. T. Freestone.	827,092	July 31	4901	1022	123	1301
Disinfecting apparatus.	W. H. Rose.	822,019	May 29	6065	1293	122	1583
Disinfecting apparatus.	W. H. Rose.	822,020	May 29	6067	1293	122	1583
Disinfecting apparatus.	H. A. Silvera.	830,680	Sept. 11	1599	331	124	428
Disinfecting-apparatus dropper.	W. H. Rose.	809,014	Jan. 2	777	167	120	171
Disinfecting compound.	M. I. J. Manix.	811,074	Jan. 30	5000		120	1246
Disinfecting compound.	J. W. England.	817,166	Apr. 10	1223		121	1691
Disinfecting device for sink-drains.	A. and A. B. Pattenden.	810,973	Jan. 30	4826	1003	120	1208
Disinfector. Continuous-drip.	J. D. Rockwell.	832,700	Oct. 9	1373	277	124	1583
Disinfector. Telephone.	N. J. Tubbs.	829,812	Aug. 28	4358	920	123	2864
Disintegrating-machine.	M. F. Williams.	813,190	Feb. 20	3334	733	120	2302
Disintegrating-machine.	J. W. Hyatt.	813,300	Feb. 20	3547	782	120	2346
Disk drill.	H. C. Ham.	810,858	Jan. 23	4551	947-8	120	1115
Disk drill.	C. H. Pelton.	834,680	Oct. 30	5581	1184	124	2760
Disk drill.	J. M. Pierce.	836,051	Nov. 13	2239	479	125	602
Disk drill.	H. C. Howe, F. La Bare, and J. M. Pierce.	837,839	Dec. 4	1104	246	125	1628
Disk-drill attachment.	J. W. Smith.	826,901	July 24	4513	940	123	1192
Disk jointer.	T. M. Ross.	818,562	Apr. 24	4028	864	121	2400
Disk jointer.	N. P. Nelson.	837,491	Dec. 4	419	95	125	1461
Disk. Rotary.	M. Mitchell.	834,838	Oct. 30	5909	1252	124	2842
Disk-scraper mechanism.	I. J. Kaar.	836,644	Nov. 20	3441	735	125	944
Disks to be sharpened. Apparatus for holding and rotating.	G. Gerardy.	837,215	Nov. 27	4634	985	125	1276
Dispensing apparatus.	E. Talbert.	813,027	Feb. 20	3010	663	120	2231
Dispensing apparatus.	J. Bowers.	839,543	Dec. 25	4501	959	125	2595
Dispensing apparatus. Coin-controlled.	F. T. Percy.	815,860	Mar. 20	3818	808-9	121	937
Dispensing-cabinet.	S. Wheeler.	810,100	Jan. 16	3004	626	120	746
Dispensing-can.	R. F. Morse.	822,622	June 5	791	161	122	1902
Dispensing device.	G. L. Belcher.	809,419	Jan. 9	1656	340	120	396
Dispensing device.	T. Kurrell.	825,136	July 3	887	187	123	234
Dispensing device.	W. C. Jones.	828,407	Aug. 14	1434	303	123	2051
Dispensing device.	P. A. Frumand.	826,606	Nov. 13	1456	311	125	412
Dispensing device for receptacles.	A. J. Mottlau.	820,062	May 8	2120	462	122	536
Dispensing-receptacle.	S. S. Rider and D. J. O'Donnell.	816,822	Apr. 3	538	115-16	121	1476
Display apparatus.	A. A. Phipps.	816,598	Apr. 3	103	21-2	121	1380
Display apparatus.	C. Jackson.	817,322	Apr. 10	1534	322-3	121	1754
Display apparatus.	H. J. Hudson.	830,834	Sept. 11	1904	397-8	124	510

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Display apparatus. Illuminated.	F. M. D'Arسي	816,154	Mar. 27	4413	932	121	1119
Display apparatus. Revolving exhibit.	N. H. Brown	838,075	Dec. 11	1604	345	125	1797
Display-box.	J. S. Auerbach	820,542	May 15	3092	665	122	809
Display-box. Folding	C. E. Isacke	823,604	June 19	2776	588	122	2439
Display box. Fruit-	G. E. Miller	811,651	Feb. 6	227	49	120	1535
Display-cabinet.	D. F. Greenawalt	835,611	Nov. 13	1467	313	125	414
Display-cabinet.	G. Scheman	839,426	Dec. 25	4256	910	125	2537
Display cabinet. Curtain-	M. Downey	815,078	Mar. 13	2150	453-4	121	524
Display can or box. Sheet-metal.	E. M. Hallbauer	815,957	Mar. 27	4000	847	121	1027
Display-can. Sheet-metal.	F. Rudolphi and W. A. Geiger	815,981	Mar. 27	4042	855	121	1037
Display-case.	J. E. Allison	821,573	May 22	5178	1105	122	1327
Display-case.	R. Turner, Jr.	836,416	Nov. 20	3018	639-40	125	844
Display-case.	R. Turner, Jr.	839,438	Dec. 25	4284	916	125	2543
Display-case. Portable.	J. W. Shaw	818,712	Apr. 24	4333	929	121	2468
Display case. Sample-	A. Jelliffe	809,445	Jan. 9	1704	351	120	408
Display case. Sample-	G. F. Biggs	810,026	Jan. 16	2844	587	120	708
Display-chest for silverware, &c	E. Herbeck	823,778	June 19	3112	659	122	2512
Display device.	G. R. Steinhauser	821,067	May 22	4192	890-1	122	1112
Display device.	F. F. Hough	821,242	May 22	4521	962	122	1185
Display device.	E. A. Kahn and R. A. Seigle	823,536	June 19	2660	560	122	2413
Display device.	P. R. Clare	828,926	Aug. 21	2477	525	123	2349
Display device.	A. S. Spiegel	829,492	Aug. 28	3681	777	123	2697
Display-device clutch mechanism.	J. W. Bragstad	824,062	June 19	3644	776	122	2628
Display device for millinery articles.	H. Silberman	809,760	Jan. 9	2309	478	120	540
Display device. Jewelry-	M. Herz	812,203	Feb. 13	1397	304	120	1844
Display device. Picture-	L. C. Bailey	831,528	Sept. 25	3271	689	124	913
Display device. Rotatable.	M. Herskovitz	821,240	May 22	4518	961-2	122	1184
Display-easel.	J. B. Timberlake	814,573	Mar. 6	1146	239	121	248
Display easel. Magazine-	J. H. Howe	813,428	Feb. 27	3824	837	120	2462
Display-envelop.	J. Ward	828,989	Aug. 21	2598	548	123	2378
Display-fixture.	H. Heimann	831,510	Sept. 18	3210	678	124	863
Display fixture. Shoe-	F. Minor	810,425	Jan. 23	3726	768	120	932
Display-form.	G. Galland	812,986	Feb. 20	2929	645	120	2214
Display-form.	W. S. Stillman	815,566	Mar. 20	3179	667	121	799
Display-form.	H. O. Miller	828,328	Aug. 14	1294	273	123	2015
Display form. Glove-	H. H. Lane and T. B. Swift	818,178	Apr. 17	3257	698	121	2184
Display-frame.	G. E. Leigh and J. A. Coleman	823,339	June 12	2250	469	122	2267
Display-hanger.	G. D. Dial	809,359	Jan. 9	1507	305	120	367
Display-mirror.	W. V. D. Kelley	809,698	Jan. 9	2203	456	120	516
Display-rack.	C. G. Herder	811,720	Feb. 6	349	77	120	1564
Display-rack.	F. E. Bewyer	812,396	Feb. 13	1783	390	120	1929
Display-rack.	C. D. Silven	815,480	Mar. 20	3019	630	121	765
Display-rack.	E. Bollhoefer	817,216	Apr. 10	1328	278	121	1714
Display-rack.	O. and O. Justus	817,374	Apr. 10	1632	345	121	1777
Display-rack.	A. C. Wood	818,329	Apr. 17	3552	761	121	2245
Display-rack.	J. H. Kummer	819,230	May 1	394	83	122	93
Display-rack.	J. D. Walsh	821,144	May 22	4349	925	122	1147
Display-rack.	W. D. Wilbur	822,415	June 5	357	75	122	1804
Display-rack.	J. W. Roach	824,083	June 19	3680	783	122	2636
Display-rack.	J. H. Best	825,801	July 10	2316	482-3	123	610
Display-rack.	J. H. Best	826,826	July 24	4347	905	123	1152
Display-rack.	E. B. Weston	827,050	July 24	4787	999	123	1258
Display-rack.	G. H. North, C. S. Smith, and W. F. Brewster	829,224	Aug. 21	3104	653	123	2509
Display-rack.	F. A. Holmes	829,527	Aug. 28	3768	799	123	2719
Display-rack.	T. J. McElhenie	833,619	Oct. 16	3256	693	124	2092
Display-rack.	M. E. Hill	836,321	Nov. 20	2829	600	125	801
Display-rack.	J. T. Fellows	837,046	Nov. 27	4327	918	125	1200
Display-rack.	M. Zeiner	838,294	Dec. 11	2054	443	125	1907
Display-rack.	R. M. and H. M. Bowser	838,517	Dec. 18	2481	538	125	2056
Display-rack and holder for ties, &c.	C. E. Schilling	829,897	Aug. 28	4528	955	123	2904
Display rack. Card-	I. Y. Henricks	832,057	Oct. 2	55	14	124	1226
Display rack. Card-	I. Y. Henricks	835,615	Nov. 13	1472	315	125	415
Display-rack carriage.	W. Catlin and M. McMillan	810,909	Jan. 30	4683	977	120	1175
Display-rack. Extensible.	E. L. Reichle	818,709	Apr. 24	4330	929	121	2468
Display-rack for rugs, curtains, and similar articles.	F. W. Pierce	814,801	Mar. 13	1622	340	121	413
Display-rack for seed-packages.	A. E. Lyman	835,161	Nov. 6	576	117	125	146
Display rack. Furniture-	C. McCloskey and J. McLaughlin	814,980	Mar. 13	1937	407	121	478
Display rack. Hat-	C. Koehler	810,421	Jan. 23	3721	767	120	930
Display rack or stand.	H. M. Willis	808,962	Jan. 2	688	149	120	152
Display-reel.	T. A. K. Oren	834,318	Oct. 30	4870	1030	124	2578
Display-stand.	P. M. Ward	810,829	Jan. 23	4496	935	120	1103
Display-stand.	C. H. Wheeler	817,353	Apr. 10	1595	337	121	1769
Display-stand.	L. D. Junkins and G. H. Woods	827,980	Aug. 7	570	116-17	123	1814
Display-stand. Floral.	L. Wittbold	816,053	Mar. 27	4200	891	121	1073
Display-stand for collars, ties, stocks, &c.	E. C. Crompton	831,147	Sept. 18	2525	532	124	689
Display stand. Hat-	H. J. Montgomery	815,456	Mar. 20	2981	620	121	757
Display-stick	I. Gilsey	833,320	Oct. 16	2635	553	124	1944
Display-tray	J. J. Hoffmann	812,999	Feb. 20	2951	650	120	2218
Display truck. Couch-	T. E. O'Brien	811,657	Feb. 6	240	52	120	1537
Display-vehicle	L. J. Rodjeff	819,600	May 1	1101	243	122	247
Displaying advertising bills, pictures, &c. Frame and board for	A. Emmett	812,415	Feb. 13	1819	398	120	1936
Displaying apparatus. Card-	T. S. Crapp	814,588	Mar. 6	1172	245-6	121	254
Displaying apparatus. Goods-	D. F. Burrage	831,828	Sept. 25	3882	813-14	124	1075
Distance instrument.	W. Laska	825,605	July 10	1892	400	123	504
Distances or altitudes. Appliance for use in ascertaining	R. H. Owen	820,597	May 15	3188	686	122	831
Distillation.	E. A. Le Sueur	838,195	Dec. 11	1851	397	125	1860
Distillation apparatus.	J. J. Brennan	822,574	June 5	685	139	122	1879
Distillation apparatus. Automatic and continuous film	F. J. Clemenger	829,258	Aug. 21	3176	669	123	2527
Distillation of woods. Retort for the	P. Brown	835,747	Nov. 13	1698	362	125	472
Distillery-slop and making same. Desiccated	G. F. Ahlers	821,326	May 22	4695	.....	122	1221
Distillery-slop. Treating.	C. J. Roehr	820,824	May 15	3649	.....	122	931
Distilling and condensing.	J. S. Forbes	808,649	Jan. 2	56	12	120	15

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Distilling and preserving apparatus. Wood	F. S. Davis.	826,407	July 17	3459	718-19	123	905
Distilling and rectifying apparatus.	U. Lorentz.	837,696	Dec. 4	843	191	125	1564
Distilling apparatus.	G. F. Wentz.	815,392	Mar. 20	2857	593-4	121	729
Distilling apparatus.	L. Kleitz.	818,831	Apr. 24	4583	982	121	2522
Distilling apparatus.	W. H. Bartholomew.	829,754	Aug. 28	4227	896	123	2830
Distilling apparatus.	W. H. Bartholomew.	831,593	Sept. 25	3396	713	124	946
Distilling apparatus.	G. F. Wentz.	833,271	Oct. 16	2528	528	124	1916
Distilling apparatus. Turpentine-	J. G. Saunders.	834,759	Oct. 30	5739	1217	124	2800
Distilling apparatus. Water.	C. R. Dudley.	824,630	June 26	4767	1016	122	2927
Distilling apparatus. Water.	O. Parker.	829,999	Sept. 4	169	29-30	124	41
Distilling apparatus. Wood.	E. G. Jewett.	824,872	July 3	384	73-4	123	105
Distilling benzin and the like. Apparatus for continuously	A. H. L. Gerhardt.	810,637	Jan. 23	4155	858	120	1028
Distilling coals and other hydrocarbonaceous substances. Apparatus for	H. Wurtz.	821,323	May 22	4688	999	122	1220
Distilling oil the oil from oil-coated fines	E. B. Kirby.	825,909	July 17	2509	522	123	668
Distilling turpentine.	J. T. Denny.	834,875	Oct. 30	5978	1270-1	124	2859
Distilling wood and obtaining therefrom the different by-products. Apparatus for	W. W. and T. L. James.	813,302	Feb. 20	3554	783	120	2347
Distributor.	H. E. Whipple and H. W. Blaisdell.	833,704	Oct. 16	3418	728	124	2129
Distributor for finely-divided substances	A. Cohencius.	810,107	Jan. 16	3014	628	120	747
Distributor or duster.	W. A. McWhorter.	838,267	Dec. 11	2006	430	125	1896
Distributing-board.	F. J. Dommerque.	822,590	June 5	725	146	122	1888
Distributing-board.	C. E. White.	835,268	Nov. 6	786	164	125	198
Distributing-box.	H. H. Hornsby.	833,327	Oct. 16	2647	556-7	124	1947
Distributing-machine. Manual	H. W. Blaisdell.	839,542	Dec. 25	4497	959	125	2594
Ditcher and road-grader.	J. D. Martin.	810,874	Jan. 23	4591	955-6	120	1123
Ditching and grading machine.	R. Russell.	839,515	Dec. 25	4444	947-8	125	2582
Ditching and grading machine.	R. Russell.	839,516	Dec. 25	4447	948	125	2583
Ditching-machine.	J. Nixon.	814,982	Mar. 13	1942	408	121	478
Ditching-machine.	R. E. Reed and W. Pickford.	819,313	May 1	561	120	122	129
Ditching-machine.	F. R. Sammis.	823,191	June 12	1943	401	122	2201
Ditching-machine.	V. L. Grabiel.	826,329	July 17	3323	686	123	873
Ditching-machine.	J. B. Hill.	828,208	Aug. 7	1012	211-12	123	1919
Ditching-machine.	C. H. Daughters.	828,537	Aug. 14	1703	359	123	2120
Ditching-machine.	C. J. Van Buren.	828,831	Aug. 14	2267	482-4	123	2265
Ditching-machine.	O. C. Pierce.	831,094	Sept. 18	2435	513	124	669
Ditching-machine.	J. H. Sylvestersen.	834,645	Oct. 30	5513	1170	124	2742
Ditching-machine for tile, &c.	G. M. McCleary.	831,976	Sept. 25	4195	875	124	1153
Dividers.	H. Dundas.	820,352	May 8	2683	585	122	660
Dividers.	H. C. Rickheit.	823,364	June 12	2291	479	122	2276
Dividers.	E. Keane.	828,608	Aug. 14	1836	387	123	2156
Dividers.	P. E. Kent.	836,812	Nov. 27	3830	816	125	1081
Dividers. Proportional.	L. Cote.	829,938	Aug. 28	4654	976	123	2938
Dividers. Self-centering.	C. Amendt.	809,887	Jan. 9	2536	526	120	591
Dividing measured charges from a mass of material. Machine for	C. A. Thomson and V. Pennington, Jr.	836,787	Nov. 27	3786	806-7	125	1069
Diving apparatus.	T. Iwanami and M. R. Woodward.	813,431	Feb. 27	3830	838-9	120	2463
Diving apparatus.	F. Knoff.	829,274	Aug. 21	3210	674	123	2535
Diving apparatus.	T. Iwanami.	835,950	Nov. 13	2080	444-5	125	562
Diving-dress.	A. McGregor.	827,029	July 24	4735	988	123	1246
Division-plate and tablet-holder.	H. W. Andrews.	818,012	Apr. 17	2926	632	121	2113
Dock. Floating.	J. H. Hansson.	820,109	May 8	2225	483-4	122	559
Dock. Floating.	A. Mehlhorn and P. von Klitzing.	821,110	May 22	4273	909	122	1129
Docks. Means for assembling blocks for marine dry-	A. A. Morris.	835,139	Nov. 6	541	110	125	138
Doffer-comb motion.	O. L. Owen.	822,550	June 5	625	126	122	1864
Doll.	O. Arnold.	820,843	May 15	3691	787	122	941
Doll-head.	J. W. Horne.	834,981	Nov. 6	199	43-4	125	52
Doll-house. Hanging.	H. Bitner.	836,296	Nov. 20	2779	590	125	789
Dolls. Articulation of.	H. W. Meier.	818,842	Apr. 24	4604	988	121	2527
Dolls. Eye mechanism for.	S. D. Gifford.	817,055	Apr. 3	1007	206	121	1582
Dolly. Pneumatic.	J. A. Shepard.	813,921	Feb. 27	4792	1058	120	2675
Dolly. Spring-	E. Gage.	830,499	Sept. 11	1216	254	124	329
Door.	N. P. Sjobring.	809,145	Jan. 2	1034	214	120	227
Door.	J. D. Dobelman.	810,923	Jan. 30	4724	986	120	1186
Door.	F. Dentler.	814,192	Mar. 6	367	75	121	80
Door.	F. K. and A. M. Eastman.	816,441	Mar. 27	5005	1063	121	1243
Door.	J. A. Meyer and J. S. Satter.	823,065	June 12	1671	345-6	122	2140
Door.	F. W. Newman.	829,083	Aug. 21	2789	587	123	2430
Door and automatic closing means therefor. Combined	C. L. Colby.	814,356	Mar. 6	724	146-7	121	160
Door and gutter. Hatch.	A. Priddle.	826,746	July 24	4205	873	123	1116
Door and lock safety device.	H. S. Brickell.	820,696	May 15	3366	721	122	867
Door and shutter and certain connections therefor. Flexible	J. Baum.	824,334	June 26	4148	888	122	2764
Door and window screen.	J. A. Dietz.	838,695	Dec. 18	2828	607	125	2142
Door and window securer.	T. J. Younglove.	836,850	Nov. 27	3899	832	125	1098
Door and window securer.	B. E. Storr.	837,595	Dec. 4	640	147	125	1513
Door attachment. Screen-	A. J. Carlson and H. S. Juve.	834,967	Nov. 6	163	33	125	45
Door. Automatic.	D. Schuyler.	826,447	July 17	3536	736-7	123	926
Door-bolt.	E. W. Cunningham.	810,918	Jan. 30	4715	984	120	1184
Door-bolt and means for operating the same.	W. B. Morewood.	808,673	Jan. 2	98	22	120	24
Door boltwork. Circular.	J. E. Casserly.	811,695	Feb. 6	320	69	120	1556
Door boltwork. Circular.	J. E. Casserly.	811,696	Feb. 6	321	70	120	1556
Door boltwork. Circular.	J. E. Casserly.	811,697	Feb. 6	321	70	120	1557
Door boltwork. Circular.	J. E. Casserly.	811,698	Feb. 6	322	70	120	1557
Door boltwork. Circular.	J. E. Casserly.	811,699	Feb. 6	323	70	120	1557
Door boltwork. Circular.	J. E. Casserly.	811,700	Feb. 6	323	71	120	1557
Door boltwork. Circular.	J. E. Casserly.	811,701	Feb. 6	324	71	120	1568
Door carrying and operating device	M. Cossey.	832,010	Sept. 25	4250	889	124	1177
Door-catch.	H. F. Keil.	832,020	Sept. 25	4275	894	124	1133
Door-check.	L. Audrieth.	810,021	Jan. 16	2833	586	120	706
Door-check.	C. I. Parker and P. Papenfoth.	813,111	Feb. 20	3182	696	120	2271
Door-check.	N. W. Crandall.	815,579	Mar. 20	3203	673-4	121	805
Door-check.	B. Gonyo.	818,435	Apr. 24	3764	809	121	2340
Door-check.	H. Ernst.	819,870	May 8	1662	356	122	436

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume		Official Gazette.	
				Spec.	Page	Vol.	Page.
Door-check	J. S. Young and J. N. Harvey	822,334	June 5	220	45	122	1774
Door-check	H. W. La Munyon and F. P. Gee	822,742	June 5	1028	210	122	1954
Door-check	G. E. Hassmann	825,210	July 3	1045	220	123	273
Door-check	M. J. Flynn	831,051	Sept. 18	2319	489	124	644
Door-check	A. A. Franck	831,220	Sept. 18	2654	558	124	720
Door-check	E. S. Rinaldy	832,420	Oct. 2	811	156	124	1407
Door-check	S. C. Clark	833,024	Oct. 9	2008	421	124	1736
Door-check	A. McKenzie	834,398	Oct. 30	5041	1067	124	2621
Door-check	D. Schuyler	836,654	Nov. 20	3466	740	125	950
Door check and closer	W. K. Henry	810,411	Jan. 23	3700	762	120	926
Door check and closer	N. W. Crandall	812,829	Feb. 20	2620	573-4	120	2146
Door check and closer	E. L. Eldridge	813,693	Feb. 27	4339	955	120	2577
Door check and closer	G. T. Sheets	822,992	June 12	1512	315	122	2107
Door check and closer. Combined	A. F. Bardwell	818,600	Apr. 24	4109	882-3	121	2418
Door check and closer. Combined	F. A. Waldron	837,162	Nov. 27	4546	964-5	125	1254
Door check and hinge. Combined	N. Petersen	829,601	Aug. 28	3916	830	123	2756
Door check and spring	V. Beauregard	832,891	Oct. 9	1768	365	124	1678
Door check and stop	M. La Londe	820,581	May 15	3163	681	122	826
Door-check. Double-acting	O. C. Rixson	833,940	Oct. 23	3944	838	124	2308
Door check or fastener	C. N. P. Ingalls	809,062	Jan. 2	864	183	120	191
Door-chute	T. F. Clark	826,541	July 24	3801	787	123	1011
Door-closer	W. L. Giersdorf	824,538	June 26	4582	974	122	2887
Door-closer	E. V. Sinz	828,063	Aug. 7	757	156	123	1858
Door closer and check	A. J. Rosentreter	817,393	Apr. 10	1680	354-5	121	1787
Door closer and check	W. K. Henry	821,714	May 29	5491	1169-70	122	1453
Door closer and check	C. H. Stempel	826,068	July 17	2828	587	123	753
Door closer and check	W. K. Henry	833,387	Oct. 16	2761	582	124	1977
Door closer and stop	W. A. Hildyard and A. B. Drummond	823,532	June 19	2654	559	122	2412
Door-closer. Double-acting spring	C. H. Ocumpaugh	831,236	Sept. 18	2687	565	124	728
Door-closing device	H. A. Morse	831,290	Sept. 18	2810	592-3	124	762
Door. Collapsible revolving	T. Van Kannel	836,843	Nov. 27	3884	829-30	125	1094
Door. Combination solid and ventilating	F. P. Clair and F. Baser	834,561	Oct. 30	5325	1131	124	2694
Door. Combined storm and screen	J. Abram	813,271	Feb. 20	3487	669	120	2334
Door construction. Sliding	J. R. Hussey	822,130	May 29	6278	1337	122	1633
Door construction. Sliding	J. R. Hussey	828,658	Aug. 14	1931	405	123	2179
Door construction. Sliding	J. R. Hussey and V. F. Outland	834,673	Oct. 30	5565	1181	124	2755
Door construction. Sliding	S. A. Baker	839,091	Dec. 25	3587	775	125	2371
Door controller. Sliding	A. M. Easton	816,551	Mar. 27	5232	1110	121	1296
Door-controlling device. Double	W. B. Reis	835,984	Nov. 13	2131	457	125	574
Door. Convertible screen and storm	H. Barber	822,422	June 5	370	77	122	1806
Door-fastener	J. L. Phillips	815,466	Mar. 20	2999	625	121	761
Door-fastener	J. P. Snellgrove	823,300	June 12	2176	454	122	2251
Door fastener. Sliding	W. H. Booth	818,143	Apr. 17	3185	685	121	2168
Door-fastening	J. Rooney	819,460	May 1	850	183	122	190
Door-fastening	L. A. Bittori	832,117	Oct. 2	189	38	124	1260
Door fastening. Screen	A. Sandberg	815,638	Mar. 20	3326	697	121	833
Door. Fire-exit	D. Carroll	815,334	Mar. 20	2720	567	121	698
Door-frame	S. P. Stevenson	817,199	Apr. 10	1300	271	121	1707
Door-frame, door, and adjunctive mechanism for air-tight compartments.	S. P. Stevenson	812,377	Feb. 13	1738	381	120	1921
Door-frame for cooling-rooms	H. Marten	820,657	May 15	3287	706	122	850
Door. Gable	J. F. Deardurff	823,587	June 19	2751	583	122	2433
Door, gate, and the like spring	G. M. Bott	816,556	Apr. 3	10	3	121	1356
Door. Grain	J. E. Drake	810,267	Jan. 16	3357	695	120	815
Door. Grain	R. R. Tichenor	810,893	Jan. 23	4644	968	120	1133
Door. Grain	E. A. Hill	816,230	Mar. 27	4551	968-9	121	1148
Door. Grain	J. Riley	816,740	Apr. 3	368	85	121	1441
Door. Grain	W. J. Cooklin	818,816	Apr. 24	4558	977	121	2517
Door. Grain	W. S. Gilleland	823,943	June 19	3419	730	122	2581
Door. Grain	I. W. Hawn	826,100	July 17	2892	600	123	770
Door. Gravity drop	J. M. Goodwin	815,284	Mar. 13	2570	540	121	619
Door-hanger	M. Cossey	809,781	Jan. 9	2355	486	120	550
Door-hanger	J. H. Lawrence	812,346	Feb. 13	1680	369	120	1908
Door-hanger	J. H. Lawrence	812,347	Feb. 13	1682	370	120	1909
Door-hanger	R. B. Browne	813,399	Feb. 27	3765	827	120	2450
Door-hanger	P. A. Myers	815,371	Mar. 20	2811	585	121	717
Door-hanger	W. P. Benson	818,603	Apr. 24	4116	884	121	2420
Door-hanger	T. C. Prouty	819,796	May 8	1527	324	122	404
Door-hanger	P. M. Elliott	821,630	May 29	5306	1131	122	1414
Door-hanger	D. D. Miller	823,066	June 12	1673	346	122	2145
Door-hanger	S. A. Baker	831,134	Sept. 18	2592	528	124	684
Door-hanger	G. W. Terrell and J. W. Schaaf	831,904	Sept. 25	4966	846-7	124	1121
Door-hanger	J. H. Burkholder	833,438	Oct. 16	2885	612	124	2007
Door-hanger	C. A. Squires and A. E. Humphrey	835,372	Nov. 6	993	211	125	251
Door-hanger	S. J. Reynolds	835,734	Nov. 13	1678	357	125	467
Door-hanger	C. A. Buckley	836,239	Nov. 20	2654	559	125	756
Door-hanger	L. Willour	836,952	Nov. 27	4122	880	125	1150
Door-hanger	J. W. Harris	838,710	Dec. 18	2847	612	125	2147
Door-hanger	P. A. Myers	839,619	Dec. 25	4635	989	125	2629
Door-hanger	P. A. Myers	839,620	Dec. 25	4639	989-90	125	2630
Door-hanger	P. A. Myers	839,621	Dec. 25	4642	990	125	2631
Door hanger and fixture. Sliding	K. McLeod	827,878	Aug. 7	363	78	123	1760
Door hanger and track. Combined	C. L. Bundy	836,860	Nov. 27	3913	835	125	1102
Door-hanger for sliding doors	G. W. Terrell	817,886	Apr. 17	2665	580	121	2052
Door hanger. Sliding	F. H. Lange, Jr.	815,182	Mar. 13	2384	497	121	577
Door hanger. Sliding	R. Mobley	831,674	Sept. 25	3598	755	124	1003
Door-hanger track	G. Wideman	822,090	May 29	6199	1321	122	1614
Door-hanger. Trackless	A. Theyskens	832,931	Oct. 9	1843	381	124	1695
Door-holder	J. Becker	812,476	Feb. 13	1921	423	120	1958
Door-holder	W. Squier	816,757	Apr. 3	400	91	121	1447
Door-holder	J. Becker	828,802	Aug. 14	2215	471	123	2252
Door-holder	W. M. Taylor	829,183	Aug. 21	3029	633	123	2491
Door-holder	S. B. Dutro	830,980	Sept. 11	2156	457	124	571
Door holder, check, and closer	J. C. Fritts	832,603	Oct. 9	1178	236	124	1539

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Door holding and releasing device.....	S. S. Colt.....	818,077	Apr. 17	3046	657	121	2137
Door-holding catch.....	G. Young.....	817,356	Apr. 10	1600	338	121	1770
Door-indicator.....	L. D. Holden.....	823,782	June 19	3119	661	122	2510
Door-jamb. Adjustable.....	J. R. Corbin.....	813,690	Feb. 27	4334	953	120	2576
Door-jamb and weather-strip.....	C. E. Seeley.....	817,395	Apr. 10	1685	355	121	1788
Door-lock.....	C. F. Fringer.....	809,610	Jan. 9	2033	421	120	478
Door-lock.....	T. Weisser.....	811,013	Jan. 30	4903	1022	120	1226
Door-lock.....	W. W. Fessler.....	815,009	Mar. 13	2011	423	121	493
Door-lock.....	M. A. Fillmore.....	824,984	July 3	619	124	123	162
Door-lock.....	J. H. Simmons.....	831,386	Sept. 18	2986	634	124	805
Door-lock.....	J. Major.....	839,017	Dec. 18	3396	733	125	2279
Door lock and latch.....	W. H. Hope.....	817,713	Apr. 10	2271	489	121	1910
Door lock. Emergency exit.....	H. E. Clark.....	824,173	June 26	3845	821	122	2730
Door lock. Grain.....	J. Feuchet.....	812,839	Feb. 20	2640	577	120	2150
Door lock. Gravity.....	W. Linkenbach and G. Walton.....	832,551	Oct. 2	1059	212	124	1468
Door lock. Sliding.....	I. N. Sweet.....	829,180	Aug. 21	3023	631	123	2489
Door-locking mechanism.....	B. F. Tripp.....	816,049	Mar. 27	4191	889-90	121	1071
Door-locking mechanism. Prison.....	G. J. Carter.....	812,637	Feb. 13	2253	489-90	120	2023
Door-mat.....	W. C. Richardson.....	823,972	June 19	3482	743-4	122	2594
Door-opener.....	S. T. Stevens and O. Walcott.....	823,372	June 12	2306	483	122	2278
Door-opener.....	J. and L. Reinert.....	836,607	Nov. 20	3366	718	125	928
Door-opener.....	J. M. Stephenson.....	839,330	Dec. 25	4066	873	125	2490
Door opener and closer. Automatic.....	K. Nishimoto.....	819,583	May 1	1070	235-6	122	240
Door opener and closer. Automatic.....	K. Nishimoto.....	839,627	Dec. 25	4653	992	125	2633
Door opener and closer. Fluid-pressure.....	A. M. Spink.....	817,014	Apr. 3	935	193	121	1566
Door-opener. Electric.....	E. W. Fyler.....	836,965	Nov. 27	4143	884	125	1156
Door-opener. Foot-operated.....	J. M. Vincent.....	831,584	Sept. 25	3381	710	124	943
Door opening and closing apparatus.....	R. and C. C. Huitt.....	822,129	May 29	6277	1336	122	1632
Door opening and closing device.....	H. C. Bundy.....	829,365	Aug. 21	3392	715-16	123	2580
Door opening and closing device.....	W. Wigham.....	837,164	Nov. 27	4550	965	125	1255
Door opening and closing device. Automatic.....	C. Gamache.....	826,325	July 17	3314	684	123	870
Door-operating device. Bulkhead.....	G. C. Ralston.....	829,352	Aug. 21	3370	710-11	123	2575
Door-operating mechanism.....	C. A. Bell.....	820,949	May 22	3927	836-7	122	1055
Door-operating mechanism.....	H. W. Wolff.....	834,789	Oct. 30	5810	1232	124	2816
Door or closure.....	N. O. Nelson.....	830,355	Sept. 4	913	189	124	226
Door or panel for lockers and the like. Metal.....	R. W. Jefferis.....	829,966	Sept. 4	65	12	124	15
Door or panel for lockers. Metallic.....	R. W. Jefferis.....	821,102	May 22	4239	906	122	1126
Door or shutter and means for operating the same. Rolling.....	J. Cahill.....	812,722	Feb. 13	2411	528-9	120	2054
Door pocket. Sliding.....	F. F. Williams.....	834,649	Oct. 30	5519	1172	124	2745
Door-register and alarm.....	J. Speidler.....	838,660	Dec. 18	2761	591	125	2126
Door-releasing apparatus.....	C. A. Crique.....	819,208	May 1	349	75	122	84
Door-releasing device. Electric.....	L. A. Léon.....	814,461	Mar. 6	934	191-2	121	204
Door-releasing mechanism.....	E. Kauntze.....	812,500	Feb. 13	1973	433	120	1968
Door-retainer and the like. Temporary.....	G. B. Johnson.....	815,432	Mar. 20	2943	610-11	121	749
Door-securer.....	K. Anderson and L. Pederson.....	810,692	Jan. 23	4244	879	120	1049
Door-securer.....	E. M. Hoagland.....	816,327	Mar. 27	4771	1011	121	1195
Door-securer.....	E. Dengler.....	817,962	Apr. 17	2828	611	121	2091
Door-securer.....	J. R. Hall.....	818,955	Apr. 24	4806	1033	121	2571
Door-securer.....	E. J. Seyler.....	820,019	May 8	2024	444	122	514
Door-securer.....	W. P. Carter.....	826,538	July 24	3797	786	123	1010
Door-securer.....	G. H. Foster.....	827,624	July 31	6078	1260	123	1596
Door-securer.....	J. Nash.....	831,235	Sept. 18	2686	564	124	728
Door. Sheet-metal.....	J. Tyra.....	838,672	Dec. 18	2786	597	125	2131
Door. Sliding.....	J. S. Schlosser.....	825,422	July 10	1505	312	123	410
Door. Sliding.....	W. J. Arnold.....	832,004	Sept. 25	4243	886	124	1166
Door. Sliding hinged grain.....	K. Osel.....	810,557	Jan. 23	3998	823-4	120	994
Door-spring.....	D. S. Flory.....	817,168	Apr. 10	1228	252	121	1692
Door-spring.....	J. C. May.....	826,730	July 24	4174	867	123	1107
Door stay. Screen.....	E. Anderson.....	814,763	Mar. 13	1543	326	121	397
Door-staying device. Sliding.....	F. Dahlund.....	814,434	Mar. 6	891	183	121	194
Door-stop.....	H. P. Pruin.....	831,097	Sept. 18	2441	514	124	671
Door-stop.....	G. E. Houser.....	831,788	Sept. 25	3803	796	124	1056
Door stop and holder.....	A. F. Livendahl.....	819,356	May 1	659	138	122	150
Door stop and retainer.....	D. J. Taylor.....	813,927	Feb. 27	4805	1060	120	2677
Door-strike. Electric.....	G. N. Parker.....	831,016	Sept. 11	2226	470-1	124	588
Door support. Sliding.....	L. Holmer.....	808,749	Jan. 2	256	55	120	59
Door supporting and operating device.....	M. Cossey.....	832,457	Oct. 2	882	170	124	1424
Door supporting and operating device.....	M. Cossey.....	832,458	Oct. 2	884	170	124	1424
Door. Swinging.....	E. J. B. Whitaker.....	839,686	Dec. 25	4786	1023	125	2666
Door, window, and the like.....	W. W. Taylor.....	821,201	May 22	4448	947	122	1168
Door wings. Device for hanging revolving.....	J. Wendler.....	812,907	Feb. 20	2767	609	120	2178
Doors and other hinged closures. Mechanism for operating.....	A. M. Spink.....	837,591	Dec. 4	630	146	125	1511
Doors. Control of bulkhead.....	L. A. Hawkins.....	831,431	Sept. 18	3069	650	124	827
Doors. Controlling-switch for motor-operated.....	J. W. Kellogg.....	825,393	July 10	1421	297	123	387
Doors, &c. Device for securing.....	C. G. Taylor.....	811,594	Feb. 6	118	26	120	1511
Doors, &c. Device for securing and sealing.....	P. Bruno.....	826,647	July 24	4019	833	123	1068
Doors, hatches, &c. Electric system for operating bulkhead.....	W. B. Cowles.....	833,125	Oct. 9	2206	464-6	123	1786
Doors. Lock-setting gage for.....	A. Schrock.....	825,766	Feb. 10	2254	468	123	595
Doors. Metallic frame for revolving.....	T. Van Kannel.....	813,602	Feb. 27	4162	913-14	120	2540
Doors. Operating bulkhead.....	W. L. Merrill.....	835,362	Nov. 6	972	207	125	246
Doors. Pneumatic lifting means for grain.....	T. E. Branson.....	811,690	Feb. 6	301	67	120	1552
Doors, &c. Registering locking-bolt for.....	J. F. Pixley.....	827,177	July 31	5117	1064	123	1358
Doors. Support for fitting.....	J. Brooks.....	822,777	July 3	183	32	123	54
Dop.....	P. H. Farrell.....	812,836	Feb. 20	2636	576	120	2149
Double and swingle tree.....	G. Naylor.....	835,459	Nov. 6	1168	252	125	293
Double-draft kiln.....	D. P. Guise.....	828,285	Aug. 7	1192	249	123	1964
Doubletree.....	B. C. Crowley.....	832,777	Oct. 9	1534	313	124	1621
Doubletree.....	R. L. Lamberton.....	835,284	Nov. 6	816	170	125	207
Doubletree and whiffletree coupling.....	G. E. Rumrill.....	812,093	Feb. 6	1116	246	120	1716
Doubletree-hitch.....	J. H. Cook.....	813,039	Feb. 20	3030	667	120	2235
Doubletree. Three-horse.....	C. W. Spangler.....	828,433	Aug. 14	1494	314-15	123	2066
Doubletrees and swingletrees. Coupling for.....	L. Burg.....	824,063	June 19	3646	776	122	2628
Doubling and twisting machine.....	W. Gregory and C. Hewitt.....	833,321	Oct. 16	2636	554	124	1945

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Doubling and twisting machines. Traverse-guide for.	W. Gregory and C. Hewitt.....	829,467	Aug. 28	3638	764	123	2688
Douche apparatus.....	C. P. T. Roux.....	821,259	May 22	4556	969	122	1192
Dough apparatus.....	P. D. Harton.....	829,270	Aug. 21	3203	673	123	2533
Dough, &c. Apparatus for mixing.....	E. Shaw.....	838,467	Dec. 11	2380	516	125	1988
Dough, &c. Apparatus for molding, shaping, and compressing.....	J. Callow.....	833,824	Oct. 23	3678	785	124	2240
Dough, &c. Apparatus for treating.....	G. Müller.....	834,678	Oct. 30	5574	1183	124	2757
Dough-breaker.....	L. A. Rockwell and J. J. Linden.....	818,196	Apr. 17	3294	704	121	2192
Dough cutter. Cake.....	G. F. Sevon and O. Jarvimaki.....	837,971	Dec. 11	1380	300	125	1740
Dough-cutting machine.....	G. E. Gowdy.....	824,008	June 19	3551	758	122	2608
Dough-divider.....	F. Streich.....	824,959	July 3	572	113-14	123	152
Dough-divider.....	D. I. Calhoun.....	834,887	Nov. 6	18	4	125	7
Dough-divider.....	F. H. Van Houten.....	835,207	Nov. 6	663	137	125	169
Dough dividing and scaling machine.....	R. Hohnbach, Jr., and W. Leitel.....	809,443	Jan. 9	1699	349	120	406
Dough-dividing machine.....	E. T. Parsons and V. Pennington, Jr.....	836,777	Nov. 27	3757	801	125	1061
Dough-mixer.....	R. W. Jamieson.....	817,644	Apr. 10	2166	460	121	1888
Dough-mixer.....	W. S. Strowger.....	826,200	July 17	3079	638	123	813
Dough mixer and kneader.....	O. D. Woodruff.....	815,775	Mar. 20	3630	763	121	897
Dough mixer. Bread and cake.....	W. Robb.....	817,804	Apr. 17	2495	534	121	2016
Dough mixing and kneading apparatus.....	L. A. Roberts.....	830,174	Sept. 4	543	111	124	138
Dough-mixing machine.....	J. A. Reams.....	819,799	May 8	1531	325	122	405
Dough-mixing machine.....	J. A. Reams.....	823,740	June 19	3033	641-2	122	2494
Dough-mixing machine.....	R. Hohnbach.....	835,107	Nov. 6	474	96	125	123
Dough molding, dividing, and shaping machine.....	R. M. Bryce.....	820,386	May 15	2758	600	122	738
Dough-molding machine.....	F. Streich.....	835,204	Nov. 6	658	136	125	167
Dough or bread mixer.....	I. Stanley.....	817,400	Apr. 10	1693	357	121	1790
Dough or other plastic material. Machine for molding.....	G. F. Chutter.....	814,274	Mar. 6	534	111	121	115
Dough-raiser.....	W. H. Hollander.....	811,781	Feb. 6	456	99	120	1585
Dough-raiser.....	J. H. Kefauver.....	823,537	June 19	2661	560-1	122	2414
Dough-rolling machine.....	W. Frank.....	832,470	Oct. 2	907	176	124	1430
Dovetailing-machine.....	L. C. Wetzel.....	824,894	July 3	439	86-7	123	119
Dowel.....	P. L. E. Drolshagen.....	809,177	Jan. 2	1091	227	120	240
Doweling-machine.....	J. L. Lovett.....	809,069	Jan. 2	875	186	120	193
Down-separating apparatus.....	W. H. Robinson.....	819,171	May 1	253	55	122	62
Downdraft-furnace.....	H. F. Snowwood.....	828,598	Aug. 21	2423	515	123	2335
Downdraft-kiln.....	G. E. Snowden.....	816,752	Apr. 3	390	89	121	1445
Draft apparatus.....	H. Johns.....	831,351	Sept. 18	2922	620	124	790
Draft appliance.....	A. McNeill.....	809,318	Jan. 9	1431	289	120	349
Draft appliance.....	B. E. Barney.....	825,505	July 10	1688	353	123	455
Draft appliance.....	C. M. Thompson.....	825,776	July 10	2274	472	123	600
Draft appliance.....	T. E. and W. L. Cox.....	837,800	Dec. 4	1035	230-1	125	1610
Draft attachment.....	E. H. Pratt.....	838,449	Dec. 11	2337	507	125	1978
Draft attachment for vehicles. Spring.....	W. H. Robinson.....	837,886	Dec. 4	1195	264-5	125	1650
Draft-beam.....	W. H. Brown.....	819,335	May 1	615	130	122	142
Draft-chains and the like. End for the spreaders of.	J. Holms, Jr.....	814,291	Mar. 6	563	119	121	121
Draft device. Spring.....	W. B. Smith.....	819,092	May 1	117	26	122	31
Draft-equalizer.....	N. N. Egge.....	808,823	Jan. 2	396	86	120	88
Draft-equalizer.....	G. T. Nicholas.....	810,797	Jan. 23	4452	924	120	1094
Draft-equalizer.....	S. E. Davis.....	811,703	Feb. 6	326	72	120	1558
Draft-equalizer.....	A. Krahm.....	813,502	Feb. 27	3969	871	120	2497
Draft-equalizer.....	W. E. Kent.....	813,973	Feb. 27	4886	1080	120	2693
Draft-equalizer.....	M. Addy.....	813,994	Feb. 27	4930	1091	120	2702
Draft-equalizer.....	H. C. Boss.....	814,110	Mar. 6	214	42	121	46
Draft-equalizer.....	T. C. Lamoureux.....	815,298	Mar. 13	2598	546	121	626
Draft-equalizer.....	G. Marshall and J. Cox.....	815,361	Mar. 20	2794	581	121	713
Draft-equalizer.....	J. R. Parks and J. H. Day.....	816,816	Apr. 3	523	113	121	1473
Draft-equalizer.....	R. Miller.....	818,038	Apr. 17	2973	642	121	2123
Draft-equalizer.....	S. E. Bailor and F. M. Ashe.....	818,599	Apr. 24	4106	882	121	2417
Draft-equalizer.....	W. L. Viebrock.....	819,256	May 1	438	92	122	102
Draft-equalizer.....	H. C. Scott.....	819,463	May 1	854	184	122	191
Draft-equalizer.....	H. T. Railsback.....	821,433	May 22	4938	1049	122	1277
Draft-equalizer.....	W. S. Emert.....	822,659	June 5	858	176	122	1915
Draft-equalizer.....	F. Humphreys.....	823,172	June 12	1898	391	122	2190
Draft-equalizer.....	W. F. Maas.....	824,254	June 26	4012	859	122	2766
Draft-equalizer.....	F. Lindstrom.....	825,739	July 10	2203	459	123	583
Draft-equalizer.....	T. R. Barnes.....	826,011	July 17	2713	561	123	726
Draft-equalizer.....	J. Powers.....	826,357	July 17	3372	697	123	884
Draft-equalizer.....	J. A. Smethers.....	827,888	Aug. 7	382	81	123	1764
Draft-equalizer.....	J. Wintgens.....	830,949	Sept. 11	2106	445	124	558
Draft-equalizer.....	W. H. Tillou.....	831,020	Sept. 11	2232	472	124	589
Draft-equalizer.....	L. E. Bowman.....	831,409	Sept. 18	3019	642	124	813
Draft-equalizer.....	J. W. Helton.....	831,432	Sept. 18	3071	651	124	827
Draft-equalizer.....	D. Zerfing.....	832,115	Oct. 2	187	37-8	124	1259
Draft-equalizer.....	S. A. Spitz.....	832,510	Oct. 2	978	195	124	1447
Draft-equalizer.....	G. A. Farrall.....	832,782	Oct. 9	1541	315	124	1623
Draft-equalizer.....	N. Sullivan.....	833,984	Oct. 23	4140	879	124	2350
Draft-equalizer.....	E. Fryshie.....	834,117	Oct. 23	4450	945-6	124	2426
Draft-equalizer.....	G. M. Goodale.....	834,517	Oct. 30	5252	1115	124	2676
Draft-equalizer.....	J. Langenfeld.....	834,986	Nov. 6	216	47	125	57
Draft-equalizer.....	S. E. Bailor.....	835,051	Nov. 6	359	73	125	95
Draft-equalizer.....	A. M. Canaday.....	835,151	Nov. 6	558	114	125	142
Draft-equalizer.....	S. E. Bailor.....	835,657	Nov. 13	1550	332	125	434
Draft-equalizer.....	G. Sundholm.....	835,922	Nov. 13	2031	433	125	551
Draft-equalizer.....	C. L. Roberts.....	836,142	Nov. 20	2460	517	125	709
Draft-equalizer.....	G. W. Raymond.....	837,727	Dec. 4	908	206	125	1581
Draft-equalizer.....	F. A. Froehrich.....	837,823	Dec. 4	1074	240	125	1620
Draft-equalizer.....	A. E. Walburn.....	837,985	Dec. 11	1405	306	125	1746
Draft-equalizer.....	W. A. Hutchens.....	839,763	Dec. 25	4946	1056	125	2705
Draft-equalizer. Transformable.....	W. M. Rich.....	817,726	Apr. 10	2316	497-8	121	1924
Draft-evener.....	H. and J. H. Thiedemann.....	819,097	May 1	128	27	122	33
Draft-evener.....	J. W. Gamble.....	826,778	July 24	4263	886-7	123	1131
Draft-evener.....	W. H. Reeves.....	833,338	Oct. 16	2672	562	124	1953
Draft-excluder and lock. Combination.....	W. Potter.....	814,802	Mar. 13	1624	341	121	414
Draft. Force.....	N. S. V. Hamel.....	838,184	Dec. 11	1834	393	125	1856

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Draft-forcing mechanism	J. J. Durage	811,624	Feb. 6	180	40	120	1525
Draft-frame	G. W. Nye	836,822	Nov. 27	3848	820	125	1086
Draft-gear	H. C. Priebe	820,012	May 8	2011	441	122	511
Draft-gear for locomotives and railway-cars	C. T. Westlake and A. R. Thomas	820,375	May 8	2728	594	122	670
Draft-gearing	S. P. Bush	838,378	Dec. 11	2212	479	125	1946
Draft-gearing	S. P. Bush	838,379	Dec. 11	2214	480	125	1946
Draft-gearing	J. H. McCormick	838,436	Dec. 11	2320	502	125	1947
Draft-opener. Automatic	J. H. Thompson	810,821	Jan. 23	4486	933	120	1101
Draft-regulator	G. H. Tarleton	828,255	Aug. 7	1095	230	123	1937
Draft-rigging	P. H. Raspberry	814,564	Mar. 6	1130	235	121	245
Draft-rigging	C. A. Tower	815,049	Mar. 13	2103	442-3	121	514
Draft-rigging	C. A. Tower	815,050	Mar. 13	2105	443	121	515
Draft-rigging	C. A. Tower	826,455	July 17	3554	739-40	123	930
Draft-rigging	C. A. Tower	832,220	Oct. 2	413	77	124	1815
Draft-rigging	J. S. Cooper	835,058	Nov. 6	373	76	125	99
Draft-rigging	J. F. O'Connor	835,248	Nov. 6	753	157	125	190
Draft-rigging carrier and body-bolster	O. S. Pulliam	813,666	Feb. 27	4289	944	120	2567
Draft-rigging. Combined friction and spring resistance	J. F. O'Connor	829,994	Sept. 4	160	27	124	39
Draft-rigging. Friction	E. I. Dodds	829,636	Oct. 28	3991	845	123	2774
Draft-rigging. Friction	A. O. Buckius, Jr.	832,953	Oct. 9	1886	392	124	1705
Draft-rigging. Friction	H. Asper and C. B. Boryeson	837,533	Dec. 4	502	116	125	1481
Draft-rigging. Friction	O. S. Pulliam	839,783	Dec. 25	4988	1065	125	2715
Draft-rigging. Frictional	H. T. Krakau and L. A. Conner, Jr.	815,023	Mar. 13	2054	430	121	502
Draft-timber support and strengthening device	H. F. Loeschner	850,240	Sept. 4	684	137	124	172
Draft-tree. Folding	G. W. Walker	836,546	Nov. 20	3266	695	125	905
Drafting and measuring apparatus. Angle	W. J. Varley	831,314	Sept. 18	2854	605	124	773
Drafting device	A. H. Andrews	830,282	Sept. 4	780	160	124	196
Drafting implement	M. Jones, (now by remarriage M. Franklin.)	819,438	May 1	816	175	122	183
Drafting instrument	G. Ring	813,827	Feb. 27	4612	1020	120	2635
Drafting instrument	A. A. Allen	819,495	May 1	917	201	122	205
Drafting-table	G. W. Martin	818,271	Apr. 17	3439	739-40	121	2222
Drag	A. J. Harper	822,207	May 29	6427	1365	122	1666
Drag and scraper. Road	W. L. Baker	838,159	Dec. 11	1780	382	125	1841
Drain-pipe	H. J. Robinson	830,175	Sept. 4	546	111	124	138
Drainage and sewer sanitary appliance	J. J. Wade	832,710	Oct. 9	1396	282	124	1589
Drainage-trap. House	W. R. Bonnell and J. F. Conrad	838,001	Dec. 11	1430	310	125	1752
Draper	W. T. Gordon	808,916	Jan. 2	585	129	120	12
Drapery. Ball	E. M. Crawford	822,431	June 5	384	80	122	18 8
Draw-bar-centering device	M. A. Garrett	809,181	Jan. 2	1097	228	120	241
Draw-bar pocket	W. Gatwood	814,128	Mar. 6	254	48-9	121	56
Draw-bars. Slack-adjuster for	E. Ryan	812,682	Feb. 13	2330	509	120	2038
Draw-head knuckle	A. H. Renshaw	819,315	May 1	566	121	122	130
Draw-knife	A. B. Jennings	813,152	Feb. 20	3270	719	120	2288
Drawer	J. Herzog	822,123	May 29	6268	1335	122	1636
Drawer	J. S. Maclean	838,037	Dec. 11	1505	324	125	1772
Drawer and the like. Sheet-metal	I. H. Athey	821,578	May 22	5188	1107	122	1329
Drawer. Desk	S. C. Hodell	824,653	June 26	4804	1024	122	29 5
Drawer for filing-cabinets. Drop-front	I. H. Athey	821,577	May 22	5185	1107	122	1328
Drawer-pull	F. G. Marbach	836,692	Nov. 27	3558	765	125	1016
Drawer-slide	J. Beaudet	825,695	July 10	2115	440-1	123	563
Drawer-stop	C. T. and H. Garden	816,574	Apr. 3	36	10	121	1362
Drawer-stops. Tool for setting	C. T. and H. Garden	823,721	June 19	2999	635	122	2485
Drawer-support	J. R. Freeman	814,197	Mar. 6	376	77	121	82
Drawers and the like. Construction of	I. H. Athey	821,576	May 22	5183	1106-7	122	1328
Drawers and the like. Guiding means for	G. C. Gardner	822,359	June 5	263	55	122	1783
Drawing and plotting device	E. D. Mackintosh	814,789	Mar. 13	1597	335	121	409
Drawing apparatus	S. H. Donaldson	828,721	Aug. 14	2059	434	123	2212
Drawing-board	E. Werner	824,966	July 3	587	117	123	156
Drawing-board	H. D. Grinnell	832,967	Oct. 9	1905	397	124	1710
Drawing-board	H. L. Burbank and J. W. Manson.	836,919	Nov. 27	4058	867	125	1135
Drawing-board	E. K. Reichenbach and G. V. Worthington.	839,511	Dec. 25	4434	946	125	2580
Drawing-frames. Sliver-evening device for	V. S. Westcott and F. W. Potter. (Reissue.)	12,478	May 8	2746	597-8	122	673
Drawing-in errors. Device for correcting	H. D. Colman	825,585	July 10	1852	393	123	495
Drawing instrument	A. Shaker	836,221	Nov. 20	2620	551	125	748
Drawing instrument. Curve	E. Thomson	839,436	Dec. 25	4277	914-15	125	2542
Drawing models and the like. Adjustable holder for	G. J. Därrschmidt	809,432	Jan. 9	1681	345	120	402
Drawing-press	P. M. H. Lange. (Reissue)	12,462	Mar. 13	2691	560-1	121	642
Drawing-press	B. Adriance and A. Calleson	818,807	Apr. 24	4544	972-4	121	2514
Drawing-press	O. S. Beyer	832,359	Oct. 2	681	131	124	1376
Drawing-press	O. S. Beyer	837,659	Dec. 4	764	174-5	125	1543
Drawing-roll	C. Mills	820,982	May 22	4027	856	122	1076
Drawing-table	T. S. Homans	832,909	Oct. 9	1804	373	124	1686
Drawings and documents transparent and water-proof. Apparatus for rendering	C. L. Crabb	808,901	Jan. 2	557	123	120	122
Dredge	A. J. Burcham	810,710	Jan. 23	4276	887	120	1056
Dredge	F. Yeoman	811,683	Feb. 6	287	64-5	120	1548
Dredge	J. F. Loreman	813,222	Feb. 20	3402	750	120	2315
Dredge	L. S. Parker	821,669	May 29	5382	1148-9	122	1429
Dredge	L. S. Parker	821,670	May 29	5386	1149	122	1430
Dredge-bucket coupling	H. G. Peake and J. Henderson	812,518	Feb. 13	2011	441	120	1977
Dredge. Levee-building suction	F. V. Wright	808,800	Jan. 2	354	76-7	120	79
Dredge. Steam	G. E. Turner	812,245	Feb. 13	1481	324	120	1862
Dredge. Steam and hydraulic	T. Shade	828,141	Aug. 7	895	184	123	1891
Dredge. Submarine	T. Avery, Jr.	813,935	Feb. 27	4822	1064	120	2680
Dredge. Suction	S. N. Newcomb	822,863	June 5	1250	257-8	122	2000
Dredges and the like. Lower tumbler for	S. L. G. Knox	826,514	July 17	3722	772	123	978
Dredges. Cutter-head for suction-	J. F. Ollrich	833,797	Oct. 23	3612	771-2	124	2222
Dredges, excavators, and the like. Dipper for	W. Ferris	809,436	Jan. 9	1686	347	120	403
Dredges. Latch-operating mechanism for	H. J. Wessinger	820,456	May 15	2902	631	122	768
Dredges. Spud for	G. W. King	830,079	Sept. 4	347	70	124	84

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Dredger.....	V. A. Strom.....	813,252	Feb. 20	3453	761	120	2326
Dredger.....	N. R. Harris.....	814,204	Mar. 6	390	79	121	86
Dredger and bed-rock cleaner.....	P. Bouery.....	816,958	Apr. 3	828	169	121	1541
Dredger side brace or anchor.....	J. P. Karr.....	812,043	Feb. 6	1026	224	120	1697
Dredger-sleeve.....	W. F. Bowers.....	809,903	Jan. 9	2569	532	120	597
Dredgers. Disintegrator for suction.....	H. P. A. J. Smulders.....	832,345	Oct. 2	662	126	124	1371
Dredging and conveying apparatus.....	S. L. G. Knox and W. Ferris.....	825,545	July 10	1774	373-4	123	475
Dredging and excavating machine.....	B. H. Coffey.....	824,283	June 26	4053	867	122	2775
Dredging apparatus.....	J. P. Cole.....	811,275	Jan. 30	5417	1129	120	1336
Dredging apparatus.....	J. Hamilton.....	816,161	Mar. 27	4424	936	121	1121
Dredging-bucket.....	C. A. Morris.....	814,618	Mar. 6	1228	259-60	121	266
Dredging-machine.....	C. E. S. Burch.....	814,270	Mar. 6	525	109	121	112
Dredging-machine.....	L. Coiseau.....	826,993	July 24	4669	972	123	1230
Dredging-machine.....	C. V. Foreman.....	830,426	Sept. 4	1064	222	124	263
Dredging machinery. Link of bucket.....	R. R. Douglas.....	814,590	Mar. 6	1178	247	121	256
Dress-form.....	C. Launer.....	813,652	Feb. 27	4262	937	120	2561
Dress-form.....	P. A. Smith.....	839,431	Dec. 25	4263	912	125	2539
Dress or skirt gage.....	I. M. Rouse.....	809,464	Jan. 9	1743	360	120	417
Dress-pattern. Printed.....	W. Freeman.....	811,770	Feb. 6	439	95-6	120	1582
Dress-preserver.....	B. Trenckmann.....	833,948	Oct. 23	3959	841	124	2313
Dress-shield.....	L. Lockie.....	815,186	Mar. 13	2392	498	121	579
Dress-shield.....	E. P. Davis.....	817,961	Apr. 17	2827	611	121	2091
Dress-shield fastener.....	M. V. W. Patterson.....	832,155	Oct. 2	279	53	124	1280
Dresser.....	W. K. Malcolm.....	818,458	Apr. 24	3802	817-18	121	2354
Dresser, chair, and trunk. Combined.....	F. L. Bradley.....	811,475	Jan. 30	5769	1208	120	1410
Dresser-reel tension device.....	A. B. Taplin.....	821,549	May 22	5141	1096	122	1319
Dressmaker's fitting-stand.....	V. H. Canham.....	837,916	Dec. 11	1262	278	125	1710
Drier:							
See Casein-curd drier.	Hop-drier.						
Chip-drier.	Peat-drier.						
Clothes-drier.	Revolving drier.						
Dish-drier.	Sand-drier.						
Fruit-drier.	Steam-drier.						
Gas-drier.	Vacuum-drier.						
Grain-drier.	Veneer-drier.						
Hair-drier.							
Drier.....	H. B. Camp.....	811,821	Feb. 6	537	120	120	1599
Drier.....	J. R. Hussey.....	817,643	Apr. 10	2162	459-60	121	1887
Drier.....	C. A. Matcham. (Reissue).....	12,474	Apr. 24	4985	1067	121	2612
Drier.....	G. E. Chamberlain.....	822,185	May 29	6390	1357	122	1657
Drier.....	J. W. Blues. (Reissue).....	12,491	June 5	1336	277	122	2017
Drier.....	F. T. Johnson.....	822,953	June 12	1436	299	122	2088
Drier.....	A. T. Collins.....	823,106	June 12	1771	366	122	2161
Drier.....	A. T. Collins.....	823,262	June 12	2108	439	122	2237
Drier.....	C. S. Moore and W. G. Thomas.....	829,028	Aug. 21	2675	563-4	123	2396
Drier.....	J. M. White.....	834,696	Oct. 30	5612	1191	124	2768
Drier.....	F. S. Tayman.....	835,265	Nov. 6	782	163-4	125	197
Driers. Discharging device for.....	M. F. Kevlin.....	836,325	Nov. 20	2834	601	125	802
Dry battery.....	C. J. Hirlmann.....	820,047	May 8	2091	457	122	530
Dry-cell battery.....	G. L. Tarver.....	836,151	Nov. 20	2479	521	125	713
Dry closet.....	T. Macfarlane.....	815,969	Mar. 27	4022	851	121	1032
Dry-kiln.....	J. F. Oldfield.....	829,732	Aug. 28	4187	886	123	2820
Dry-kiln.....	L. Goebel.....	835,519	Nov. 13	1280	274	125	367
Dry-kiln.....	A. White.....	838,227	Dec. 11	1915	411	125	1874
Dry meter for gas, air, and like fluids.....	D. Macfie.....	813,312	Feb. 20	3587	787	120	2353
Dry-plates in daylight. Machine for developing.....	W. S. Davis.....	839,120	Dec. 25	3643	785	125	2386
Drying and conditioning machine.....	J. H. Lorimer.....	811,307	Jan. 30	5476	1141	120	1349
Drying and ironing apparatus. Electric.....	G. W. Richardson.....	811,088	Jan. 30	5025	1049	120	1252
Drying and stretching frame.....	E. J. Allen and G. C. Hanna.....	828,915	Aug. 21	2456	521	123	2343
Drying apparatus.....	C. M. Davison.....	813,358	Feb. 20	3668	805	120	2371
Drying apparatus.....	W. Bell.....	814,666	Mar. 13	1345	281	121	353
Drying apparatus.....	W. J. McElroy.....	832,874	Oct. 9	1735	358	124	1670
Drying apparatus.....	J. Tattersall.....	835,168	Nov. 6	588	120	125	149
Drying apparatus. Feed mechanism for.....	H. Baetz.....	835,843	Nov. 13	1891	400	125	520
Drying-chamber.....	A. Schröder.....	822,990	June 12	1508	314	122	2106
Drying-kiln.....	E. E. Perkins.....	810,974	Jan. 30	4828	1004	120	1209
Drying-kiln.....	J. F. Hanrahan.....	820,865	May 15	3722	794	122	948
Drying-kiln.....	L. J. Tripp.....	833,011	Oct. 9	1986	415	124	1730
Drying-machine.....	J. H. Lorimer.....	811,306	Jan. 30	5474	1141	120	1348
Drying-machine.....	A. C. Carey.....	814,938	Mar. 13	1857	389	121	463
Drying-machine.....	J. L. Hellyer.....	825,905	July 17	2503	521	123	667
Drying-machine.....	F. E. Burlingame.....	835,096	Nov. 6	450	91	125	118
Drying-machine. Continuous roller.....	B. Cohnen.....	829,141	Aug. 21	2933	615	123	2467
Drying-rack.....	A. S. Walley.....	826,295	July 17	3249	672	123	854
Drying-rack.....	G. R. Carr.....	828,596	Aug. 14	1819	383	123	2151
Drying-rack frame.....	J. C. Belloff and A. Roth.....	815,061	Mar. 13	2121	447	121	518
Drill:							
See Core-drill.	Miner's drill.						
Diamond-drill.	Mining-drill.						
Disk drill.	Multiple drill.						
Electric drill.	Pneumatic drill.						
Electrically - operated drill.	Push-drill.						
Electrically - operated portable drill.	Railway-track drill.						
Grain-drill.	Ratchet-drill.						
Hammer-drill.	Rock-drill.						
Mine-drill.	Rock and coal drill.						
Mine-drill.	Rock-boring drill.						
Mine-drill.	Twist-drill.						
Drill.....	L. W. and F. E. Baney and J. Osterholt.....	815,002	Mar. 13	1992	418	121	488
Drill.....	F. Caudle.....	819,978	May 8	1922	425	122	488
Drill.....	S. A. Casparis.....	827,211	July 31	5174	1074	123	1373
Drill.....	H. R. Decker.....	829,633	Aug. 28	3986	843-4	123	2772
Drill.....	H. R. Decker.....	829,634	Aug. 28	3988	844	123	2773
Drill.....	H. R. Decker.....	829,635	Aug. 28	3989	844-5	123	2773
Drill.....	J. Cushing.....	832,779	Oct. 9	1536	314	124	1622

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Drill.	J. Murphy.	834,153	Oct. 23	4533	961	124	2450
Drill.	H. A. Eastman.	839,461	Dec. 25	4326	924	125	2553
Drill bit. Rock.	J. B. Pace.	836,824	Nov. 27	3852	821	125	1086
Drill-block and bench-block. Combined.	C. F. Train.	827,062	July 24	4820	1004	123	1266
Drill clamp and support.	J. P. Cahill.	834,605	Oct. 30	5427	1153	124	2719
Drill-coupling.	G. Huntley.	824,721	July 3	47	8	123	16
Drill-cup.	A. W. Perry.	814,326	Mar. 6	663	133	121	145
Drill-disk scraper.	T. Brennan, Jr.	828,183	Aug. 7	977	202	123	1910
Drill for drilling holes in rock or the like.	J. H. Thomas.	821,202	May 22	4450	947	122	1168
Drill-grinding machine.	R. L. Morgan and J. N. Heald.	827,459	July 31	5964	1179	123	1500
Drill holder and gage.	A. La Francis.	811,414	Jan. 30	5673	1189	120	1390
Drill-holder. Portable.	T. B. Powers.	828,051	Aug. 7	724	148	123	1849
Drill-jig.	B. T. Burchardi.	833,917	Oct. 23	3904	828	124	2298
Drill-operating means.	O. S. Proctor.	811,791	Feb. 6	485	105	120	1589
Drill-press.	A. E. Newton.	811,317	Jan. 30	5493	1145	122	1352
Drill-press.	H. F. Noyes.	819,372	May 1	689	145	122	157
Drill-press.	F. M. Stambaugh.	824,829	July 3	505	56-7	123	84
Drill-presses, lathes, &c. Work-centering device for.	J. and P. B. Landgraf.	821,651	May 29	5350	1140	122	1423
Drill-rod coupling.	V. G. Smith.	817,398	Apr. 10	1689	356	121	1789
Drill-shanks. Equalizing weight-feed for.	K. Brooks.	816,295	Mar. 27	4677	993-4	121	1176
Drill socket. Multiple.	J. P. Hylander.	838,999	Dec. 18	3369	727	125	2271
Drill-spindles. Feed mechanism for.	R. G. Henry.	825,273	July 3	1156	244	123	301
Drills and like tools. Taper shank for.	A. A. Miller.	837,322	Dec. 4	91	24	125	1377
Drills. Clamping-joint for.	C. W. Gutzzeit.	831,551	Sept. 25	3319	696-7	124	926
Drills for rock-boring and other purposes. Appliance for lifting and turning.	C. Simmons.	808,876	Jan. 2	496	107-8	120	112
Drills. Journal-box bearing for rotary disks of.	W. D. Myers.	835,031	Nov. 6	312	67	125	80
Drills or the like. Support for.	A. Ball.	823,662	June 19	2897	613	122	2468
Drills. Shot-feed for.	K. Brooks.	814,427	Mar. 6	880	180	121	191
Drilling and bolt-cutting machine. Combined.	K. C. Davis.	814,589	Mar. 6	1176	246	121	255
Drilling and boring machine.	J. Murphy.	831,369	Sept. 18	2955	627	124	797
Drilling and tapping device.	J. Petrelli.	823,546	June 19	2675	563-4	122	2416
Drilling attachment. Automatic chain-feed.	J. S. Dikeman.	821,473	May 22	5003	1064	122	1292
Drilling, boring, milling, &c. Machine for.	W. J. Hagman.	815,697	Mar. 20	3449	720	121	860
Drilling-jig. Automatic.	C. H. Darling.	827,790	Aug. 7	211	41	123	1723
Drilling-machine.	J. P. Jacobs.	813,211	Feb. 20	3379	744-5	120	2310
Drilling-machine.	A. Walker.	813,335	Feb. 20	3629	796	120	2363
Drilling-machine.	F. W. Clough.	813,351	Feb. 20	3637	801-2	120	2369
Drilling-machine.	J. E. Conch.	819,855	May 8	1637	349	122	430
Drilling-machine.	A. Walker.	820,837	May 15	3679	785	122	938
Drilling-machine.	D. K. Peck.	821,825	May 29	5707	1216-17	122	1503
Drilling-machine.	B. F. Barnes.	831,697	Sept. 25	3641	762-3	124	1014
Drilling-machine.	B. F. Barnes.	831,698	Sept. 25	3649	763-4	124	1017
Drilling-machine.	R. Wheeler.	833,189	Oct. 16	2360	494	124	1873
Drilling-machine.	A. Walker.	838,923	Dec. 18	3233	699	125	2238
Drilling-machine crank.	J. H. Engleman.	838,700	Dec. 18	2835	609	125	2144
Drilling-machine. Portable electric.	J. Maclean.	828,945	Aug. 21	2509	531-2	123	2357
Drilling-machines. Guiding appliance for.	E. M. Kinsella.	838,339	Dec. 11	2134	462	125	1928
Drilling-machinery feeding mechanism.	C. F. Preslar.	816,500	Mar. 27	5125	1086	121	1270
Drilling nuts and the like. Machine for.	M. Nelson.	817,587	Apr. 10	2066	435	121	1866
Drilling, reaming, and broaching. Jig for.	W. H. Froggatt, Jr.	820,965	May 22	3981	845	122	1067
Drilling-tool.	A. C. Shuster.	834,167	Oct. 23	4559	967	124	2457
Drilling-tool.	W. C. Whitcomb.	836,845	Nov. 27	3891	831	125	1096
Drilling-tool jar.	E. L. Cleveland.	820,180	May 8	2360	513	122	588
Drink mixer or shaker.	E. C. Tracey.	832,640	Oct. 9	1256	253	124	1556
Drinking-fountain.	B. F. House.	821,493	May 22	5042	1073	122	1299
Drinking-fountain.	E. S. Richardson.	823,697	June 19	2958	676	122	2480
Drinking-fountain. Chicken.	J. C. New and J. Hahn.	835,551	Nov. 13	1341	288	125	382
Drinking-fountain. Fowl.	J. H. Whaler.	815,885	Mar. 20	3863	819	121	945
Drinking-fountain. Poultry.	T. A. Davis.	813,954	Feb. 27	4851	1071	120	2686
Drip-pan.	B. McCaughey.	831,088	Sept. 18	2427	510	124	667
Drive mechanism. Frictional.	G. W. King.	833,839	Oct. 23	3715	791-2	124	2248
Drive-wheels. Traction attachment for.	W. A. Klingberg.	828,748	Aug. 14	2118	448	123	2227
Driving and braking apparatus.	L. T. Gibbs.	831,550	Sept. 25	3318	696	124	926
Driving and controlling gear.	G. T. Hackley.	831,856	Sept. 25	3949	825-6	124	1091
Driving and reversing mechanism. Automatic.	W. B. Yates.	812,318	Feb. 13	1632	359	120	1898
Driving-bit.	J. L. Wingert.	822,174	May 29	6370	1353	122	1652
Driving, braking, and coasting mechanism.	G. H. Cheney.	821,701	May 29	5460	1163-4	122	1446
Driving-gear.	G. T. Hackley.	831,857	Sept. 25	3955	826-7	124	1092
Driving-gear. Differential.	L. E. Hoffman.	834,619	Oct. 30	5464	1160	124	2729
Driving-gear. Roller-tooth variable.	W. E. Golden.	824,110	June 26	3721	795	122	2703
Driving mechanism.	A. J. Allison.	810,317	Jan. 16	3466	716	120	840
Driving mechanism.	H. John.	810,766	Jan. 23	4379	909-10	120	1079
Driving mechanism.	F. B. Wildman and E. G. Loomis.	811,981	Feb. 6	901	199-200	120	1672
Driving mechanism.	J. C. Cromwell.	814,023	Mar. 6	46	9	121	12
Driving mechanism.	D. L. Driver and C. I. Mansmith.	824,102	June 26	3706	791	122	2699
Driving mechanism.	F. Kleinvoegel.	830,153	Sept. 4	501	102	124	126
Driving mechanism.	G. W. Moreton.	830,799	Sept. 11	1836	382	124	492
Driving mechanism.	F. H. Richards.	832,877	Oct. 9	1740	359	124	1672
Driving mechanism.	E. J. Mason.	837,486	Dec. 4	413	94	125	1459
Driving mechanism. Reversible.	M. C. Johnson.	815,433	Mar. 20	2945	611	121	750
Driving mechanism. Variable-speed.	W. L. Schellenbach.	816,128	Mar. 27	4353	922-3	121	1105
Driving mechanism. Variable-speed.	R. M. Ruck.	833,974	Oct. 23	4115	876	124	2344
Driving mechanism. Velocipede.	A. Schaad Voegell.	827,571	July 31	5963	1237	123	1563
Drop-feed lubricator. Adjustable.	J. Lahaye.	819,440	May 1	819	176	122	184
Drop-handle.	G. A. Scheur.	814,735	Mar. 13	1484	312	121	385
Drop-light.	B. F. Shuart.	814,988	Mar. 13	1965	414	121	482
Drop-light.	G. Rietlin.	829,892	Aug. 28	4521	954	123	2903
Dropper.							
See Chloroform-dropper. Fencing-dropper.							
Disinfecting-apparatus. Potato-dropper.							
dropper. Seed-dropper.							
Dropper.	G. Spencer.	815,984	Mar. 27	4048	856	121	1038
Dropper.	J. McNally.	832,618	Oct. 9	1217	244	124	1547
Dross pan and furnace.	G. J. Wagner and P. H. Nelson.	831,123	Sept. 18	2484	524	124	680
Drug-mixer.	M. J. Jones.	819,999	May 8	1987	437	122	506

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Druggist's label-holder	N. W. McCourt and T. N. Barnsdall, 2nd.	810,791	Jan. 23	4436	921	120	1090
Druggist's prescription-file	R. E. King	810,772	Jan. 23	4398	912	120	1083
Drum	E. Zoeller	830,952	Sept. 11	2109	446	121	559
Drum	A. D. Converse	832,958	Oct. 9	1892	393-4	124	1707
Drum	P. Berlinghoff	834,865	Oct. 30	5961	1265-6	124	2854
Drum and cymbal beater	C. G. Conn	833,706	Oct. 16	3422	729	124	2130
Drum and cymbal holder and beater. Bass-	J. W. Pepper	826,602	July 24	3934	815	123	1046
Drum. Heating-	J. M. J. Ness	817,185	Apr. 10	1263	262	121	1700
Drum. Heating-	V. J. Jirak	828,937	Aug. 21	2495	529	123	2354
Drum. Heating-	F. J. Kobusch	836,447	Nov. 20	3089	655	125	860
Drum. Hot-air	W. A. Norton	815,624	Mar. 20	3293	690	121	825
Drum-mill	R. Beneke	813,076	Feb. 20	3110	681	120	549
Drum-mill	R. Beneke	820,087	May 8	2183	475-6	122	549
Drum oil-guard. Friction-	A. Lambert	827,922	Aug. 7	441	93	123	1779
Drum-screen. Revolving.	J. P. Brew and E. P. Suiter	816,426	Mar. 27	4983	1058	121	1239
Drum. Smudge and heat	G. Griffiths	837,621	Dec. 4	685	157	125	1524
Drum-trap	R. Wensley, Jr.	839,240	Dec. 25	3887	836	125	2447
Drum. Tumbling-	W. R. Smith	820,021	May 8	2026	444	122	514
Drums. Friction thrust for loose	A. Lambert	827,921	Aug. 7	437	92-3	123	1778
Duck-call	P. S. Olt	825,610	July 10	1903	401	123	506
Duck-call	J. W. Reynolds	827,819	Aug. 7	260	53	123	1736
Dumb-bell	A. W. Mackenzie and J. Ross	812,144	Feb. 6	1232	267-8	120	1742
Dumb-bell and Indian club	S. C. Villedrouin	808,706	Jan. 2	160	37	120	37
Dumb-waiter	J. H. Miller	830,910	Sept. 11	2038	429	124	543
Dumb-waiter and refrigerator. Combined	H. Keller	834,738	Oct. 30	5684	1207	124	2786
Dump and scoop board	E. N. Hamilton	834,380	Oct. 30	5002	1058-9	124	2613
Dump. Rotary	A. F. Blair and L. J. Robb	837,379	Dec. 4	204	49-50	125	1407
Dumping and elevating apparatus	P. J. Mauger	831,966	Sept. 25	4175	871-2	124	1148
Dumping mechanism	F. J. Sleezer	812,957	Feb. 20	2881	636-7	120	2204
Dumping receptacle	G. Perrine	831,800	Sept. 25	3823	800-1	124	1061
Dumping structures. Latch device for	C. F. Shelby	815,645	Mar. 20	3342	700	121	836
Duplicating and swaging device	S. S. Millett	836,196	Nov. 20	2573	543	125	734
Duplicating apparatus	A. B. Dick	809,287	Jan. 9	1362	277	120	335
Duplicating apparatus	A. B. Dick	809,288	Jan. 9	1365	277	120	335
Duplicating apparatus	L. C. Neff	809,725	Jan. 9	2253	468	120	528
Duplicating apparatus	A. B. Dick	815,689	Mar. 20	3435	717	121	857
Duplicating apparatus	E. A. Cox	815,905	Mar. 20	3903	826	121	955
Duplicating apparatus	M. J. D. Carter	823,920	June 19	3372	719	122	2571
Duplicating apparatus	A. B. Dick	823,937	June 19	3409	728-9	122	2579
Duplicating apparatus	E. R. Moore	826,733	July 24	4180	868	123	1108
Duplicating apparatus	M. J. D. Carter	830,969	Sept. 11	2137	452	124	566
Duplicating apparatus	A. D. Klaber and E. A. Cox	831,080	Sept. 18	2396	503	124	663
Duplicating device	M. Klaczko	836,814	Nov. 27	3835	817	125	1082
Duplicating-machine	C. E. Steere	811,674	Feb. 6	273	60-1	120	1545
Duplicating-machine	H. C. Gammeter	816,311	Mar. 27	4709	999-1000	121	1183
Duplicating or printing machines and the like. Frame for use with rotary	S. Brown	825,186	July 3	988	208	123	258
Duplicating-roll	C. A. Kenworthy	831,614	Sept. 25	3445	723	124	959
Duplicator. Rotary	J. Steel	833,853	Oct. 23	3748	796	124	2258
Duplicator. Rotary	J. Steel	833,854	Oct. 23	3749	796	124	2258
Dust and rubbish sucking machine	F. Melichar	837,091	Nov. 27	4468	934	125	1221
Dust and scrap bag and holder	E. Dyett	810,329	Jan. 16	3486	720	120	843
Dust-bin cover-locking device	H. Freise	825,963	July 17	2615	543	123	699
Dust collecting or absorbing substance	B. Singer	833,423	Oct. 16	2841	.....	124	1994
Dust-collector	J. S. Thurman	809,408	Jan. 9	1632	332	120	392
Dust-collector	J. V. O. Palm	810,559	Jan. 23	4001	824	120	995
Dust-collector	B. Kern, Jr.	810,771	Jan. 23	4395	912	120	1082
Dust-collector	S. H. Stoltzfus and A. S. Wolf	833,490	Oct. 16	3000	636-7	124	2030
Dust-collector	W. W. Sly	837,743	Dec. 4	936	211-12	125	1587
Dust-collector	P. C. Miller	838,879	Dec. 18	3158	680	125	2221
Dust-collector and like apparatus	A. C. Lynch	815,967	Mar. 27	4019	850-1	121	1031
Dust-collector and separator	A. C. Lynch	815,966	Mar. 27	4017	850	121	1031
Dust-collector. Gravity	D. Deneen	823,463	June 12	2471	522	122	2313
Dust-deflector	E. C. Walker and E. C. Jacobson	835,146	Nov. 6	551	112	125	140
Dust from carpets, furniture, &c. Device for extracting	H. Sørensen	835,118	Nov. 6	489	99	125	126
Dust-guard	E. Denegre	810,038	Jan. 16	2877	594	120	716
Dust-guard	E. Denegre	810,039	Jan. 16	2879	594-5	120	716
Dust-guard	G. A. Woodman	815,000	Mar. 13	1988	418	121	487
Dust-guard	J. S. Patten	825,410	July 10	1452	305	123	395
Dust-guard	J. S. Patten	825,411	July 10	1454	305	123	395
Dust-guard	F. E. Holt	827,728	Aug. 7	67	13	123	1687
Dust-guard	G. F. Godley	838,707	Dec. 18	2843	611	125	2146
Dust laying and absorbing composition	B. Singer	827,887	Aug. 7	380	.....	123	1764
Dust. Method of and agent for laying	C. E. Dolbear	828,643	Aug. 14	1909	.....	123	2174
Dust-pan	J. T. Curtis	820,627	May 15	3236	696	122	848
Dust-pan	E. Green	829,522	Aug. 28	3760	797	123	2717
Dust-pan	W. N. Steele	834,770	Oct. 30	5772	1225	124	2806
Dust receptacle	C. D. Williams	825,630	July 10	1993	415	123	532
Dust-remover and air-purifier	R. J. Radike	834,997	Nov. 6	237	51	125	62
Dust removing and collecting apparatus. Pneumatic.	E. H. Fenton	814,837	Mar. 13	1685	352-3	121	427
Dust-removing apparatus	D. T. Kenney	826,513	July 17	3722	771	123	977
Dust-removing means	C. F. W. Zoller	821,776	May 29	5609	1195	122	1481
Dust separator and collector. Combined	O. M. Morse	827,460	July 31	5695	1179-80	123	1500
Duster	H. A. Hayden	823,725	June 19	3006	636	122	2488
Duster. Feather	J. E. Sneyely	821,131	May 22	4320	919	122	1139
Duster. Feather	J. E. Sneyely	824,512	June 26	4531	961	122	2876
Dye and making same. Anthracene	O. Bally and H. Wolf	811,471	Jan. 30	5764	.....	120	1409
Dye and making same. Anthracene	O. Bally and M. H. Isler	818,992	Apr. 24	4878	.....	121	2586
Dye and making same. Anthracene	O. Bally and M. H. Isler	820,379	May 8	2740	.....	122	673
Dye and making same. Anthracene	M. H. Isler	837,840	Dec. 4	1105	.....	125	1628
Dye and making same. Azo	T. Kroeber and C. Jagerspacher. (Reissue.)	12,557	Nov. 13	2295	.....	125	616
Dye and making same. Azo	K. Schirmacher	837,128	Nov. 27	4478	.....	125	1238
Dye and making same. Black mordant	A. L. Laska	839,489	Dec. 25	4384	.....	125	2567

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Dye and making same. Black polyazo.	A. L. Laska	832,393	Oct. 2	748		124	1393
Dye and making same. Blue.	O. Bally and H. Wolff	818,336	Apr. 17	3566		121	2248
Dye and making same. Blue azo.	T. Kroeber. (Reissue)	12,556	Nov. 13	2294		125	616
Dye and making same. Blue sulfur	C. Ris	821,378	May 22	4815		122	1251
Dye and making same. Bordeaux-red sulfur	A. Schmidt	829,740	Aug. 28	4204		123	2824
Dye and making same. Disazo	T. Kroeber	823,793	June 19	3136		122	2518
Dye and making same. Green-blue sulfur	P. Julius and E. Münch	820,501	May 15	3008		122	791
Dye and making same. Halogenated	O. Bally	837,775	Dec. 4	990		125	1600
Dye and making same. Monoazo	T. Kroeber	835,539	Nov. 13	1320		125	377
Dye and making same. Monoazo	T. Kroeber. (Reissue)	12,555	Nov. 13	2293		125	615
Dye and making same. Orange-yellow sulfur	R. Gley	813,643	Feb. 27	4245		120	2558
Dye and making same. Sulfur	K. Schirmacher. F. Schmidt, C. Pretzell, and W. Schumacher.	827,468	July 31	5738		123	1508
Dye and making same. Red azo.	J. Hagenbach	808,919	Jan. 2	588		120	129
Dye and making same. Red azo.	G. Kalischer	813,155	Feb. 20	3273		120	2289
Dye and making same. Red azo.	A. Schedler	837,736	Dec. 4	924		125	1585
Dye and making same. Red sulfur	P. Friedlaender	819,348	May 1	633		122	146
Dye and making same. Red violet to violet-blue	G. Engi	836,309	Nov. 20	2809		125	797
Dye and making same. Rhodamin	H. A. Bernthsen	821,452	May 22	4968		122	1284
Dye and making same. Sulfur	A. Schmidt	818,980	Apr. 24	4857		121	2582
Dye and making same. Triphenylmethane	W. Herzberg and O. Scharfenberg.	835,682	Nov. 13	1589		125	443
Dye and making same. Vat.	K. Schirmacher	823,294	June 12	2165		122	2249
Dye and making same. Violet.	O. Bally and M. H. Isler	809,892	Jan. 9	2548		120	594
Dye and making same. Yellow	F. Scholl	818,981	Apr. 24	4860		121	2582
Dye. Blue-red azo.	P. Julius	833,605	Oct. 16	3237		124	2088
Dye effects in woolen fabrics, &c. Producing multi-colored	M. Becke	815,671	Mar. 20	3390		121	847
Dye. Green anthracene	R. E. Schmidt	826,750	July 24	4210		123	1117
Dye. Green anthraquinone	R. E. Schmidt	812,684	Feb. 13	2335		120	2039
Dye. Green anthraquinone	R. E. Schmidt. (Reissue)	12,548	Oct. 23	4713		124	2493
Dye. Making a cold	C. Henry	835,754	Nov. 13	1723		125	477
Dye. Making a red vat-dyeing.	G. Engi	831,844	Sept. 25	3909		124	1082
Dye. Ortho-oxyazo	K. Schirmacher and F. Schmidt	826,279	July 17	3218		123	846
Dye. Ortho-oxyazo	F. Schmidt and K. Schirmacher	826,282	July 17	3220		123	846
Dye. Ortho-oxymonoazo	K. Schirmacher and F. Schmidt	825,280	July 17	3219		123	846
Dye. Ortho-oxymonoazo	F. Schmidt and K. Schirmacher	825,281	July 17	3219		123	846
Dye. Red azo	O. Günther	839,382	Dec. 25	4161		125	2514
Dye. Red disazo.	W. Bauer	839,360	Dec. 25	4119		125	2504
Dye-vat.	F. I. Stone	814,173	Mar. 6	334	68	121	73
Dye-vats. Apparatus for circulating liquids in	L. Dumons	836,101	Nov. 20	2352	497-8	125	683
Dye. Yellow anthracene	M. Kugel	808,762	Jan. 2	276		120	63
Dye. Yellow anthracene	R. E. Schmidt and P. Tust	836,220	Nov. 20	2620		125	748
Dye. Yellow azo	A. Kuchenbecker	839,605	Dec. 25	4608		125	2622
Dye. Yellow-green anthraquinone	R. E. Schmidt and K. Thun	812,599	Feb. 13	2186		120	2011
Dyeing apparatus	E. Zillessen	813,478	Feb. 27	3922	860	120	2486
Dyeing apparatus	E. Zillessen	813,479	Feb. 27	3924	861	120	2487
Dyeing apparatus	H. L'Huillier	820,654	May 15	3282	705	122	849
Dyeing apparatus	G. A. Friedrichs	832,472	Oct. 2	910	177	124	1431
Dyeing apparatus	S. W. Cramer	835,813	Nov. 13	1846	390	125	510
Dyeing, &c. Apparatus for	T. A. S. Wood	835,927	Nov. 13	2040	435	125	553
Dyeing leather	F. J. Oakes	837,105	Nov. 27	4435		125	1227
Dyeing-machine	J. Hussong	822,844	June 5	1214	250-1	122	1993
Dyeing-machine	W. H. Fletcher	834,284	Oct. 30	4811	1017-18	124	2565
Dyeing wool black	F. Künitzer	830,082	Sept. 4	351		124	85
Dynamic trap or drain valve	J. F. McElroy	816,245	Mar. 27	4579	974	121	1153
Dynamo	E. C. Ketchum	826,668	July 24	4058	840-1	123	1080
Dynamo-governing device	A. C. Eck	838,393	Dec. 11	2243	485	125	1953
Dynamo-motor	E. W. Fahl	824,922	July 3	494	97-8	123	132
Dynamos. Automatic regulator for direct-current	G. S. Neeley	838,802	Dec. 18	3027	652-3	125	2189
Dynamos. Automatic voltage-regulator for	G. S. Neeley	838,800	Dec. 18	3017	651	125	2187
Dynamos. Protective apparatus for compensator	H. H. Wait	830,812	Sept. 11	1864	388	124	500
Dynamometer	H. Ruddick	813,324	Feb. 20	3611	792	120	2359
Dynamometer	J. F. Hammond	814,373	Mar. 6	758	153	121	168
Dynamometer	H. Purdie	823,895	June 19	3323	708	122	2560
Ear-drum	A. O. Leonard	824,993	July 3	635	127	123	167
Ear-drum	G. P. Way	831,125	Sept. 18	2487	525	124	681
Ear-drum	F. E. Coulter	837,196	Nov. 27	4602	977	125	1268
Ear-drum. Artificial	J. B. Campbell	834,250	Oct. 30	4767	1008	124	2553
Ear-guard	I. D. James	830,439	Sept. 4	1094	229	124	271
Ear-muffle	J. R. Engelman and O. Partenheimer.	827,719	Aug. 7	44	10	123	1681
Ear-tab	J. J. Callahan	836,087	Nov. 20	2330	492	125	678
Ear-trumpet	C. W. Levalley	827,645	July 31	6122	1272	123	1607
Earpiece	E. L. Aiken	824,773	July 3	177	31	123	52
Earth-chipping machine	J. R. McCoy	839,179	Dec. 25	3765	813	125	2418
Earth closet. Outside dry	J. R. Koons	811,412	Jan. 30	5670	1188	120	1389
Earth cutter and grader	D. W. Jones	823,872	June 19	3282	696-7	122	2551
Earth-transporting mechanism	W. Zimmerman	822,419	June 5	364	76	122	1805
Earthenware articles. Device for ornamenting	F. J. Ridgway, J. Aynsley, and F. Hancock.	819,170	May 1	252	55	122	62
Earthenware, &c. Pipe-joint for	C. H. and E. H. Bentley	827,409	July 31	5556	1156	123	1466
Easel	G. L. R. Dahlberg	809,785	Jan. 9	2363	488	120	552
Easel	E. J. Trum	815,235	Mar. 13	2490	519	121	601
Easel	J. B. Thompson	816,274	Mar. 27	4642	984	121	1168
Easel	J. Weber	819,680	May 1	1266	276	122	284
Easel	C. T. Springman	821,132	May 22	4321	919	122	1139
Easel	C. R. Hoag	825,053	July 3	731	153	123	196
Easel	C. T. Springman	836,840	Nov. 27	3879	827	125	1093
Easel-frame	S. Bodinger	838,516	Dec. 18	2480	538	125	2056
Easel. Knockdown	J. Bing	831,766	Sept. 25	3763	788	124	1046
Eaves-trough	J. F. Myser and A. Ziesenis	824,570	June 26	4647	988	122	2900
Eaves-trough	D. L. Johnson	828,291	Aug. 7	1203	250	123	1966
Eaves-trough	G. Cassen	836,012	Nov. 13	2179	467	125	586
Eaves-trough clamp	G. M. Butler and C. G. Ehringer	812,404	Feb. 13	1800	394	120	1932
Eaves-trough hanger	W. G. Rau	813,826	Feb. 27	4611	1020	120	2635

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Eaves-trough hanger.....	A. E. Scherer.....	816,941	Apr. 3	791	162	121	1534
Eaves-trough hanger.....	A. B. Leonard.....	822,459	June 5	436	89	122	1820
Eaves-trough hangers. Machine for forming.....	H. A. Gibbs.....	827,229	July 31	5201	1080-1	123	1380
Eccentric.....	F. M. Berger.....	817,617	Apr. 10	2115	448	121	1877
Eccentric.....	E. J. Spencer.....	825,428	July 10	1520	314	123	414
Eccentric. Adjustable.....	S. W. Taylor.....	815,232	Mar. 13	2486	517	121	601
Eccentric. Reversible.....	C. E. Rishel.....	829,933	Aug. 28	4624	973	123	2931
Edge-finishing machine.....	L. Onderdonk.....	829,350	Aug. 21	3366	709-10	123	2574
Edge-finishing machine.....	H. W. Brett.....	830,563	Sept. 11	1358	282	124	365
Edge-setter iron with stitch-wheel.....	M. F. Lindberg.....	839,012	Dec. 18	3391	732	125	2278
Edge-trimmer.....	J. A. Gates.....	816,459	Mar. 27	5038	1070	121	1251
Edger. Gang.....	C. W. Willett.....	837,444	Dec. 4	329	78	125	1438
Edging.....	J. P. Weis.....	839,528	Dec. 25	4473	954	125	2589
Educational apparatus.....	F. E. Parrish.....	811,169	Jan. 30	5202	1087	120	1289
Educational apparatus.....	J. F. Morse.....	832,331	Oct. 2	634	121	124	1365
Educational appliance.....	J. A. Healey.....	814,653	Mar. 6	1302	274	121	282
Educational appliance.....	P. R. Bullard.....	819,847	May 8	1625	346	122	427
Educational appliance.....	S. G. Greenwood.....	831,154	Sept. 18	2535	534-5	124	692
Educational device.....	R. D. Mitchell.....	832,871	Oct. 9	1730	357	124	1669
Educational device.....	G. W. Campman.....	838,840	Dec. 18	3093	666	125	2207
Efflorescence. Apparatus for producing.....	K. Tsuji.....	811,002	Jan. 30	4880	1016	120	1220
Egg-beater.....	G. R. Flowers.....	817,635	Apr. 10	2148	456	121	1884
Egg-beater.....	T. H. Perrin.....	818,914	Apr. 24	4726	1014	121	2553
Egg-beater.....	J. S. Dunlap.....	820,405	May 15	2802	610	122	746
Egg-beater.....	A. T. Stewart.....	827,474	July 31	5774	1197	123	1518
Egg-beater.....	H. M. Crimp.....	831,538	Sept. 25	3286	691	124	916
Egg-beater.....	A. Fritz.....	832,052	Oct. 2	48	12	124	1224
Egg-beater.....	A. Sandall.....	832,504	Oct. 2	972	194	124	1446
Egg-beater.....	F. W. Loll.....	833,069	Oct. 9	2103	443	124	1760
Egg-beater.....	N. Stromer.....	837,432	Dec. 4	312	74	125	1434
Egg-beater and potato-masher. Combination.....	M. E. Frank.....	833,518	Oct. 16	3049	647	124	2042
Egg-beater holder.....	E. L. Persons.....	817,272	Apr. 10	1447	305	121	1736
Egg-boiler. Time.....	H. H. Chesbrough.....	816,072	Mar. 27	4252	901-2	121	1084
Egg-boiler. Time.....	F. F. Anderson.....	820,034	May 8	2061	451	122	522
Egg-boiler. Time.....	H. H. Chesbrough.....	821,857	May 29	5760	1226	122	1514
Egg breaker and separator.....	E. F. Schneider.....	824,748	July 3	94	18-19	123	28
Egg-carrier.....	N. H. and R. L. Clark.....	810,324	Jan. 16	3478	719	120	842
Egg-carrier.....	J. O. Maddux.....	811,158	Jan. 30	5187	1083	120	1285
Egg-case filler.....	R. J. Carrier and H. P. Shotts.....	827,961	Aug. 7	537	110	123	1805
Egg cup and cutter.....	E. N. Gaillard.....	826,843	July 24	4389	914	123	1162
Eggs. Medicated nest.....	G. H. Jones.....	817,573	Apr. 10	2041	430	121	1861
Egg-poacher.....	S. Leach.....	829,020	Aug. 21	2664	561	123	2393
Egg-separator.....	C. D. Herrick.....	828,312	Aug. 14	1254	263	123	2005
Egg-tester.....	I. E. Lewis.....	833,788	Oct. 23	3591	767	124	2217
Egg-tester.....	G. Knutigen.....	834,813	Oct. 30	5853	1241	124	2827
Egg-tester.....	J. L. Ritter.....	835,639	Nov. 13	1520	324-5	125	428
Ejector.....	C. A. Dryer.....	812,026	Feb. 6	1005	220	120	1693
Ejector.....	H. Barnett.....	835,658	Nov. 13	1551	332	125	435
Ejector mechanism.....	E. H. Elder.....	824,535	June 26	4576	973	122	2885
Elastic seat.....	J. Loftus.....	829,978	Sept. 4	128	21	124	32
Elastic wheel.....	J. C. M. Passeron.....	836,337	Nov. 20	2857	607	125	807
Elbow-forming machine.....	N. W. Hartman.....	823,683	June 19	2934	621	122	2475
Electric accumulator.....	P. Schmitt and C. Fabre.....	835,642	Nov. 13	1526	326	125	429
Electric alarm.....	W. O. Rehn.....	827,120	July 31	4958	1035	123	1314
Electric alarm.....	E. S. Moore.....	837,097	Nov. 27	4420	937	125	1224
Electric apparatus. Dynamo.....	W. Stanley.....	821,837	May 29	5731	1221	122	1508
Electric apparatus. Vapor.....	A. M. Jackson.....	815,836	Mar. 20	3776	796	121	927
Electric apparatus. Vapor.....	W. R. Burrows.....	820,348	May 8	2675	584	122	659
Electric apparatus. Vapor.....	H. I. Wood.....	831,401	Sept. 18	3009	639	124	811
Electric apparatus. Vapor.....	C. P. Steinmetz.....	834,172	Oct. 23	4569	969	124	2459
Electric battery.....	I. Kitsee.....	827,914	Aug. 7	422	90	123	1775
Electric battery.....	I. Kitsee.....	827,915	Aug. 7	424	91	123	1776
Electric brake.....	G. R. Yancey.....	817,606	Apr. 10	2096	443	121	1873
Electric brake.....	C. G. Hardie.....	829,334	Aug. 21	3331	701	123	2565
Electric brake.....	F. L. Sessions.....	830,457	Sept. 4	1124	236	124	277
Electric brake.....	F. L. Sessions.....	830,533	Sept. 11	1291	267	124	346
Electric brake. Automatic.....	A. L. Duweliuss.....	828,879	Aug. 21	2379	507	123	2323
Electric brake. Automatic.....	A. L. Duweliuss.....	832,462	Oct. 2	892	172	124	1427
Electric braking. Automatic.....	L. H. Thullen.....	834,336	Oct. 30	4901	1038-9	124	2587
Electric cable.....	H. W. Buck.....	816,428	Mar. 27	4987	1059	121	1239
Electric cableway system.....	M. W. Day.....	822,250	June 5	42	9	122	1738
Electric carrier. Overhead.....	H. M. Harding.....	809,799	Jan. 9	2385	493-4	120	557
Electric carriers. Means for controlling overhead.....	H. M. Harding.....	809,798	Jan. 9	2384	493	120	557
Electric cell.....	K. Tsukamoto.....	809,647	Jan. 9	2114	438	120	494
Electric cell.....	I. Kitsee.....	827,917	Aug. 7	428	91	123	1776
Electric circuit.....	I. Kitsee.....	827,918	Aug. 7	421	92	123	1777
Electric-circuit breaker.....	F. O. Hartman.....	810,751	Jan. 23	4350	904-5	120	1072
Electric-circuit breaker.....	G. G. Stout.....	822,084	May 29	6189	1319	122	1613
Electric circuit changer or switch. Automatic.....	F. T. Kitt.....	820,119	May 8	2240	487	122	563
Electric-circuit controller.....	H. W. Leonard. (Reissue).....	12,473	Apr. 24	4975	1066	121	2608
Electric-circuit controller.....	S. H. Kannacher.....	820,877	May 15	3738	798	122	951
Electric-circuit controller. Automatic.....	H. W. Leonard.....	817,720	Apr. 10	2291	494	121	1915
Electric-circuit-controlling means.....	J. K. Lux. (Reissue).....	12,490	May 29	6477	1375	122	1678
Electric-circuit-coupling apparatus.....	N. F. Niederlander.....	827,988	Aug. 7	591	120	123	1817
Electric-circuit ground connection.....	J. B. Simpson.....	813,526	Feb. 27	4022	881	120	2510
Electric-circuit protector.....	C. A. Rolfe.....	839,513	Dec. 25	4438	947	125	2581
Electric-circuit regulation.....	E. A. Edwards.....	817,232	Apr. 10	1359	286	121	1720
Electric-circuit regulator.....	E. W. Gough.....	835,416	Nov. 6	1098	237	125	276
Electric-circuit switch.....	E. R. Whitney.....	830,628	Sept. 11	1491	308	124	400
Electric-circuit switch.....	B. G. Seavey and W. G. Millen.....	836,280	Nov. 20	2760	584	125	782
Electric-circuit timing mechanism.....	A. R. L. Wille.....	820,078	May 8	2163	471	122	545
Electric-circuit wires. Protecting-bushing for.....	J. H. Goehst.....	830,501	Sept. 11	1219	255	124	330
Electric circuits. Automatic cut-out device for.....	W. O. Taylor.....	839,048	Dec. 18	3464	748	125	2297
Electric circuits. Controlling means for.....	J. K. Lux.....	835,074	Nov. 6	404	83	125	106
Electric coil.....	I. Kitsee.....	812,657	Feb. 13	2288	498	120	2030
Electric coils. Producing.....	I. Kitsee.....	838,423	Dec. 11	2293	497	125	1968

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Electric conducting-wires. Terminal tip for.....	G. L. Herz.....	835,158	Nov. 6	570	116	125	145
Electric conductor.....	W. D. Weir.....	815,498	Mar. 20	3049	636	121	772
Electric-conductor conduit.....	G. A. Lutz.....	834,742	Oct. 30	5690	1208	124	2787
Electric-conductor union.....	F. W. Sorg.....	823,484	June 12	2527	530	122	2326
Electric conductors and other wires. Joint for.....	A. Fleeger.....	831,548	Sept. 25	3314	695	124	925
Electric conductors. Apparatus for laying.....	S. P. Hatfield.....	815,163	Mar. 13	2335	488	121	565
Electric conductors. Attachment device for.....	D. B. Mills.....	810,664	Jan. 23	4198	868	120	1038
Electric conductors. Branch coupling for.....	J. J. Dossert.....	811,907	Feb. 6	718	156	120	1637
Electric conductors. Composition of matter for.....	W. G. Clark.....	821,017	May 22	4087	.....	122	1089
Electric conductors. Coupling device for.....	H. Stokes.....	839,224	Dec. 25	3863	831	125	2440
Electric conductors. Safety device for overhead.....	E. Giraud.....	826,845	July 24	4393	914	123	1163
Electric conduits. Bend, elbow, and other angle-piece for.....	D. M. Edwards and E. A. Brown.....	835,504	Nov. 13	1252	269	125	361
Electric conduits. Finishing or guard ring for.....	A. I. Appleton.....	837,654	Dec. 4	757	173	125	1542
Electric contact device.....	P. O. Pedersen.....	839,027	Dec. 18	3421	738-9	125	2286
Electric controller.....	C. E. Shedrick.....	831,304	Sept. 18	2838	601	124	769
Electric controller.....	C. H. Keeney. (Reissue).....	12,538	Oct. 9	2254	474	124	1800
Electric controller.....	R. W. Brown.....	836,666	Nov. 27	3517	751	125	998
Electric controller.....	E. C. Fellows.....	839,742	Dec. 25	4905	1048	125	2695
Electric controller and starting-switch.....	J. B. Duckitt.....	833,129	Oct. 9	2221	467-8	124	1792
Electric-controller attachment.....	F. Volk.....	811,340	Jan. 30	5541	1156	120	1363
Electric controllers. Finger-contact for.....	F. E. Imeson.....	829,403	Aug. 28	3469	730	123	2644
Electric controlling device.....	F. L. Willard.....	817,945	Apr. 17	2794	605	121	2084
Electric controlling system.....	U. J. Fry.....	837,396	Dec. 4	235	59-60	125	1415
Electric coupling.....	J. J. Dossert.....	811,906	Feb. 6	716	156	120	1636
Electric coupling.....	O. Schaller.....	820,604	May 15	3199	688	122	833
Electric-current controller.....	L. Bradley.....	821,697	May 29	5450	1161-2	122	1443
Electric-current controllers. Resistance device for.....	L. Bradley.....	815,317	Mar. 13	2648	554	121	635
Electric-current generators and motors. Collecting-brush for.....	O. Siebers.....	823,642	June 19	2860	605	122	2459
Electric-current interrupter.....	J. B. Wantz.....	834,597	Oct. 30	5403	1146	124	2713
Electric-current regulator.....	O. H. and A. F. Pieper.....	835,763	Nov. 13	1738	370-1	125	480
Electric currents. Generator of intermittent.....	M. P. Ryder.....	814,083	Mar. 6	161	33	121	36
Electric currents. Means for controlling the supply of.....	F. W. Schneider.....	836,279	Nov. 20	2748	584	125	782
Electric currents passing through lamps, &c. Apparatus for commutating.....	C. Smart.....	817,597	Apr. 10	2078	438-9	121	1869
Electric currents which feed electric arcs. Regulation of.....	J. Hessberger.....	812,038	Feb. 6	1020	222	120	1696
Electric cut-out.....	R. H. Read.....	818,291	Apr. 17	3471	747	121	2229
Electric cut-out.....	H. E. Trumbo.....	826,974	July 24	4630	965	123	1221
Electric cut-out.....	F. B. Hinkson.....	831,226	Sept. 18	2663	560	124	722
Electric cut-out switch.....	P. Peters.....	839,636	Dec. 25	4692	1002	125	2641
Electric drill.....	C. W. Theil.....	810,444	Jan. 23	3766	775	120	940
Electric elevator.....	P. Wright.....	819,195	May 1	314	67-8	122	78
Electric elevator.....	D. Larson.....	827,924	Aug. 7	446	94	123	1781
Electric-elevator system.....	A. Magnuson.....	816,869	Apr. 3	637	133	121	1500
Electric fans. Centrifuge attachment for.....	W. L. Moore.....	811,865	Feb. 6	631	138	120	1619
Electric fixture.....	J. H. Dale.....	831,326	Sept. 18	2878	610	124	778
Electric furnace.....	J. E. Ober.....	812,801	Feb. 13	2554	562	120	2086
Electric furnace.....	M. Ruthenburg.....	815,221	Mar. 13	2463	513	121	596
Electric furnace.....	A. G. Betts.....	816,554	Apr. 3	5	1-2	121	1355
Electric furnace.....	C. O. Wingren.....	817,212	Apr. 10	1321	276	121	1712
Electric furnace.....	J. F. Hammond.....	817,767	Apr. 17	2405	515	121	1996
Electric furnace.....	H. L. Hartenstein.....	819,224	May 1	377	79-81	122	89
Electric furnace.....	J. E. Hewes.....	820,574	May 15	3153	679	122	823
Electric furnace.....	F. T. Snyder.....	825,359	July 10	1340	282-3	123	367
Electric furnace.....	J. F. Hammond.....	825,386	July 10	1402	294	123	383
Electric furnace.....	B. Platschick.....	826,962	July 24	4612	961	123	1218
Electric furnace.....	E. A. Storey.....	832,511	Oct. 2	979	196	124	1447
Electric furnace.....	L. Waldo.....	833,357	Oct. 16	2706	571	124	1963
Electric furnace.....	K. Birkeland and S. Eyde.....	837,277	Dec. 4	15	6	125	1358
Electric furnace. Pyro.....	F. E. Roach.....	838,647	Dec. 18	2734	586-7	125	2118
Electric furnace. Rotary.....	W. M. Johnson.....	825,033	July 3	738	154	123	198
Electric furnace. Vacuum.....	H. N. Potter.....	814,726	Mar. 13	1465	307-8	121	380
Electric generator.....	B. P. and F. I. Remy.....	808,779	Jan. 2	322	69	120	72
Electric generator. Magneto.....	J. A. Williams.....	832,354	Oct. 2	673	129	124	1374
Electric generators. Regulating the field density of.....	G. S. Neeley.....	838,801	Dec. 18	3023	652	125	2188
Electric heater.....	A. A. Pratt.....	813,113	Feb. 20	3186	697	120	2271
Electric heater.....	H. N. Morse and J. C. W. Frazer.....	816,172	Mar. 27	4445	941	121	1125
Electric heater.....	J. Hården.....	819,650	May 1	1206	265	122	271
Electric heater.....	A. H. Carlson.....	829,318	Aug. 21	3296	695	123	2555
Electric heater.....	F. M. Vogel.....	835,841	Nov. 13	1887	399	125	519
Electric heater. Plural-coil.....	J. F. McElroy.....	838,884	Dec. 18	3163	682	125	2223
Electric heaters. Circuit-opening device for.....	J. I. Ayer.....	839,255	Dec. 25	3917	842	125	2454
Electric hoist.....	P. J. Darlington.....	818,078	Apr. 17	3052	658	121	2138
Electric indicator.....	G. S. Eble.....	823,164	June 12	1880	388-9	122	2186
Electric interrupter.....	L. G. Nilson. (Reissue).....	12,558	Nov. 13	2297	487	125	616
Electric light and power controller.....	F. C. Damm.....	830,306	Sept. 4	826	169	124	207
Electric-light bracket.....	E. F. Hug.....	823,533	June 19	2655	559	122	2412
Electric-light bulbs. Basket for incandescent.....	C. Duncan.....	834,664	Oct. 30	5549	1177	124	2751
Electric-light-cord adjuster.....	J. T. and T. H. Hatherly.....	817,557	Apr. 10	2014	424	121	1856
Electric-light fitting.....	H. E. Plass.....	816,996	Apr. 3	903	187	121	1559
Electric-light fixture.....	J. F. Barrett and N. C. Collins.....	810,836	Jan. 23	4508	939	120	1106
Electric-light hanger.....	J. W. Carter.....	834,449	Oct. 30	5120	1087	124	2642
Electric-light pendant. Extensible.....	G. B. and R. C. Clarke.....	827,849	Aug. 7	318	66	123	1749
Electric light. Portable.....	C. Hubert.....	818,449	Apr. 24	3783	813	121	2350
Electric light. Portable.....	C. Hubert.....	835,529	Nov. 13	1301	279	125	372
Electric-light socket and key.....	O. C. Cover.....	816,436	Mar. 27	4997	1061	121	1241
Electric-light support.....	O. C. White.....	827,199	July 31	5153	1069	123	1368
Electric-light wires. Rosette for.....	J. H. Parker.....	816,033	Mar. 27	4158	880	121	1064
Electric lights. Locking-socket for.....	J. Murphy.....	819,702	May 1	1312	285	122	295
Electric-lighting arrangement for theaters and similar buildings. Emergency.....	F. Brand.....	809,904	Jan. 9	2570	532	120	597
Electric lighting. Attachment-plug for.....	D. E. Bown.....	837,182	Nov. 27	4580	971	125	1262
Electric lighting. Fuse-plug for.....	D. E. Bown.....	837,183	Nov. 27	4582	972	125	1263

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Electric lines. Turning switch with lighted handle for.	H. Holzer	810,536	Jan. 23	3956	814	120	985
Electric machine.	E. J. Willis	813,472	Feb. 27	3911	858	120	2483
Electric machine.	W. A. Johnson	829,015	Aug. 21	2650	558	123	2390
Electric machine and system.	F. W. Knopie	820,649	May 15	3268	702-3	122	847
Electric machine and the like. Dynamo-	L. Torda	830,025	Sept. 4	225	44	124	56
Electric machine. Dynamo-	P. A. J. Lapeyrade	811,154	Jan. 30	5169	1080	120	1281
Electric machine. Dynamo-	H. G. Reist	811,792	Feb. 6	488	106	120	1590
Electric machine. Dynamo-	W. L. Waters	814,417	Mar. 6	862	177	121	187
Electric machine. Dynamo-	J. P. Mallett	815,847	Mar. 20	3792	801	121	931
Electric machine. Dynamo-	C. P. Steinmetz	816,511	Mar. 27	5148	1092	121	1275
Electric machine. Dynamo-	F. Sieber	821,064	May 22	4187	890	122	111
Electric machine. Dynamo-	R. Lundell	821,249	May 22	4531	964	122	1187
Electric machine. Dynamo-	R. H. Rogers	822,304	June 5	162	33	122	1764
Electric machine. Dynamo-	W. Stanley	822,697	June 5	943	192-3	122	1937
Electric machine. Dynamo-	M. C. A. Latour	825,222	July 3	1062	242	123	277
Electric machine. Dynamo-	P. Boucherot	825,877	July 10	2451	511-12	123	643
Electric machine. Dynamo-	L. A. Tirrill	827,331	July 31	5402	1122	123	1427
Electric machine. Dynamo-	W. F. Richards and W. A. Turbayne	830,849	Sept. 11	1933	405-6	124	518
Electric machine. Dynamo-	R. and F. Pohl	835,227	Nov. 6	700	144-5	125	177
Electric machine. Dynamo-	W. Stanley	838,144	Dec. 11	1757	377	125	1836
Electric machine. Dynamo-	B. A. Behrend	838,605	Dec. 18	2653	570	125	2098
Electric machine. Reciprocating.	T. H. Aldrich	814,259	Mar. 6	508	105-6	121	109
Electric machine. Static	O. Baysdorfer	827,497	July 31	5816	1206	123	1527
Electric machines and the like. Brush-holder for dynamo-	C. W. Speirs and J. Frith	821,197	May 22	4441	945-6	122	1166
Electric machines. Cooling dynamo-	P. Bunet	837,033	Nov. 27	4296	912-13	125	1192
Electric machines or motors. Regulation or control of dynamo-	C. P. E. Schneider	819,933	May 8	1790	385-7	122	464
Electric machines. Pole-piece for.	N. A. Christensen	826,650	July 24	4024	834	123	1069
Electric machinery. Dynamo-	J. H. S. Mawdsley	811,312	Jan. 30	5484	1143	120	1350
Electric machinery. Dynamo-	W. L. Waters	823,566	June 19	2711	574	122	2424
Electric meter.	W. J. Lloyd	809,825	Jan. 9	2425	504	120	566
Electric meter.	W. Stanley	809,995	Jan. 16	2769	509-70	120	693
Electric meter.	E. H. Porter and B. Currier	811,323	Jan. 30	5507	1148	120	1356
Electric meter.	T. Duncan. (Reissue)	12,453	Feb. 20	3736	821	120	2385
Electric meter.	W. H. Pratt	816,375	Mar. 27	4870	1033	121	1216
Electric meter.	R. C. Lanphier	816,922	Apr. 3	746	154	121	1524
Electric meter.	T. Duncan	817,305	Apr. 10	1504	315	121	1748
Electric meter.	T. Duncan	833,205	Oct. 16	2402	503-4	124	1884
Electric meter.	W. H. Pratt	835,321	Nov. 6	895	190	125	227
Electric meter. Coin-freed	J. Allan	824,522	June 26	4547	965	122	2880
Electric meter. Prepayment.	J. J. Wood	822,091	May 29	6199	1321-2	122	1615
Electric-meter-regulating device	R. C. Lanphier	837,411	Dec. 4	267	66	125	1423
Electric metering system	W. H. Pratt	826,272	July 17	3204	664-5	123	842
Electric motor.	J. Jigouzo	811,405	Jan. 30	5654	1184	120	1387
Electric motor.	J. A. Smith	814,740	Mar. 13	1500	317	121	388
Electric motor.	C. H. Roth	817,807	Apr. 17	2500	535-6	121	2017
Electric motor.	D. Mendelson	830,347	Sept. 4	895	183-5	124	222
Electric motor.	P. J. Collins. (Reissue)	12,543	Oct. 23	4701	996	124	2421
Electric motor.	M. E. Fuld	837,213	Nov. 27	4631	984	125	1275
Electric motor.	D. Mendelson	837,701	Dec. 4	856	193	125	1567
Electric motor.	S. L. Nicholson	838,048	Dec. 11	1531	329	125	1780
Electric motor.	E. W. Myers	839,502	Dec. 25	4417	942	125	2575
Electric motor and brake.	H. A. Balcome	828,528	Aug. 14	1689	356	123	2116
Electric motor and controlling the same.	A. Kimble	838,547	Dec. 18	2542	550	125	2071
Electric motor and generator.	J. F. Beck	819,971	May 8	1904	421-3	122	484
Electric motor and generator. Continuous-current.	L. Torda	830,262	Sept. 4	739	151	124	186
Electric motor and generator cooling apparatus.	B. Bidwell	839,096	Dec. 25	3602	778	125	2375
Electric-motor control	M. W. Day	829,144	Aug. 21	2946	617	123	2471
Electric-motor-control system.	M. W. Day	808,729	Jan. 2	218	46	120	50
Electric-motor-control system.	C. D. Gilpin	813,879	Feb. 27	4710	1042-3	120	2658
Electric-motor-starting device.	M. Kallmann	829,340	Aug. 21	3341	703	123	2567
Electric-motor support.	J. G. Crawford	828,092	Aug. 7	814	168	123	1872
Electric motor. Variable-speed.	J. C. Lincoln	829,975	Sept. 4	120	20-1	124	20
Electric motors. System of remote control for.	T. S. Perkins and R. P. Jackson	814,323	Mar. 6	651	132	121	142
Electric or signal wires. Cross-arm for.	A. H. Iliohan	816,981	Apr. 3	874	181	121	1552
Electric outlets and fireproof walls and partitions containing the same. Installing	L. Kalischer	832,612	Oct. 9	1204	242-3	124	1544
Electric outlets. Means for installing	L. Kalischer	832,862	Oct. 9	1716	354-5	124	1666
Electric plug connection.	J. C. Tournier	815,764	Mar. 20	3612	758	121	894
Electric pressure-furnace.	H. N. Potter	814,727	Mar. 13	1469	308	121	381
Electric pressure-indicator.	J. E. Wertz	816,407	Mar. 27	4949	1051	121	1232
Electric receptacle.	C. A. Chase	832,718	Oct. 9	1414	285	124	1593
Electric receptacle.	B. E. Salisbury	833,342	Oct. 16	2677	564	124	1955
Electric regenerator.	J. C. Slaughter	819,815	May 8	1561	332	122	412
Electric-regulation system.	J. Bijur	837,231	Nov. 27	4664	991-2	125	1284
Electric regulator.	J. Bijur	839,708	Dec. 25	4832	1032-3	125	2677
Electric regulator.	J. Bijur	839,709	Dec. 25	4837	1034-5	125	2678
Electric regulator.	J. Bijur	839,713	Dec. 25	4850	1036-7	125	2681
Electric release mechanism.	J. Ochs	829,421	Aug. 28	3512	737	123	2655
Electric resistance element.	A. L. Marsh	811,859	Feb. 6	613	134	120	1614
Electric-road crossings. Safety system for.	A. H. Johnson	816,014	Mar. 27	4116	871-2	121	1055
Electric signal.	C. C. Blake	810,027	Jan. 16	2845	588	120	708
Electric signal.	A. B. Dungan	826,551	July 24	3818	791	123	1016
Electric signal.	H. W. Eden	837,670	Dec. 4	796	180	125	1552
Electric signal.	H. W. Eden	837,674	Dec. 4	799	181	125	1553
Electric signaling.	J. B. Struble	827,269	July 31	5280	1095	123	1397
Electric signaling.	J. B. Struble	827,270	July 31	5282	1095	123	1398
Electric sparking device.	A. E. Doman	819,268	May 1	473	98	122	110
Electric switch.	E. M. Hewlett	815,825	Mar. 20	3734	786	121	919
Electric switch.	M. H. Johnson	816,100	Mar. 27	4305	911	121	1096
Electric switch.	A. R. Everest and R. E. Barker	816,444	Mar. 27	5011	1064	121	1245
Electric switch.	H. E. Case	817,222	Apr. 10	1342	280	121	1717
Electric switch.	H. E. Leppert	818,035	Apr. 17	2969	641	121	2122
Electric switch.	L. R. Brown and F. H. Wentworth	818,226	Apr. 17	3351	718	121	2203

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Electric switch.	A. A. Tirrill.	819,821	May 8	1571	334	122	414
Electric switch.	D. E. Gray.	820,491	May 15	2977	643	122	784
Electric switch.	C. S. Barkeley.	822,237	June 5	10	3	122	1731
Electric switch.	W. J. O'Leary and W. Coonan.	823,073	June 12	1684	348	122	2142
Electric switch.	C. S. Van Nuis.	825,091	July 3	800	166	123	213
Electric switch.	C. F. Black.	825,632	July 10	1996	416	123	533
Electric switch.	E. B. Jacobson.	825,838	July 10	2386	497	123	629
Electric switch.	G. W. Richardson.	827,181	July 31	5127	1065	123	1361
Electric switch.	G. W. Hart.	828,739	Aug. 14	2104	345	123	2224
Electric switch.	E. M. Hewlett and T. E. Button.	829,785	Aug. 28	4306	909-10	123	2851
Electric switch.	H. R. Sargent.	832,748	Oct. 9	1474	296	124	1608
Electric switch.	L. A. Hawkins.	834,128	Oct. 23	4485	952	124	2438
Electric switch.	W. J. Murray.	837,241	Nov. 27	4687	995	125	1289
Electric switch.	G. P. McDonnell.	837,634	Dec. 4	711	163	125	1531
Electric switch.	H. L. Smith.	839,788	Dec. 25	4994	1066	125	2717
Electric switch. Automatic.	H. Leitner, R. N. Lucas, and H. Hill.	831,959	Sept. 25	4164	868	124	1145
Electric switch. Push-button.	W. C. Tregoning. (Reissue).	12,480	May 8	2751	598	122	675
Electric switch. Rotary.	J. Dugdill.	809,433	Jan. 9	1682	345-6	120	402
Electric switch. Snap.	A. A. Tirrill.	819,822	May 8	1575	334-5	122	415
Electric switch with indicator. Double-throw.	E. M. Hewlett.	838,208	Oct. 16	2411	505	124	1886
Electric switches and circuit-breakers. Oil-break device for.	J. H. Delany.	819,524	May 1	967	212	122	217
Electric switches. Controlling.	C. E. Eveleth.	827,353	July 31	5439	1131	123	1437
Electric switches. System and apparatus for operating.	H. P. Ball.	821,077	May 22	4213	896	122	1116
Electric system. Communicating.	A. M. Stark.	819,095	May 1	122	26	122	32
Electric system of transmission.	C. G. and E. J. Burke.	822,579	June 5	697	141-2	122	1882
Electric systems. Apparatus for the regulation of.	G. A. Wells, Jr.	821,909	May 29	5858	1245	122	1537
Electric terminal fixture.	A. H. Svensson.	835,003	Nov. 6	251	55	125	66
Electric time-signal.	J. M. Powell.	824,262	June 26	4025	861	122	2769
Electric time-switch.	C. O. Shatto and L. S. Denison.	811,589	Feb. 6	109	23-4	120	1509
Electric time-switch.	M. T. Campbell.	815,792	Mar. 20	3672	772-3	121	906
Electric time-switch.	C. E. Katsch.	817,175	Apr. 10	1235	254-5	121	1694
Electric time-switch.	J. E. Rogers.	817,392	Apr. 10	1679	354	121	1787
Electric time-switch.	F. C. Huber and J. E. Manzel.	822,003	May 29	6039	1287	122	1578
Electric time-switch.	A. B. Zierleyn.	824,054	June 19	3633	773	122	2626
Electric time-switch.	J. M. Chappel.	825,111	July 3	840	174-5	123	223
Electric time-switch.	C. E. Mentzer.	825,230	July 3	1077	227-8	123	281
Electric time-switch.	C. E. Harthan.	826,331	July 17	3325	687	123	873
Electric time-switch.	C. A. Ballou.	830,041	Sept. 4	260	53	124	64
Electric time-switch.	W. S. Andrews.	832,568	Oct. 2	1090	218	124	1476
Electric time-switch.	C. H. Van Slyck.	832,761	Oct. 9	1492	300	124	1613
Electric time-switch.	J. Gunning.	836,808	Nov. 27	3825	815	125	1080
Electric time-switch.	I. S. Callender and E. J. Johnson.	839,361	Dec. 25	4121	885	125	2504
Electric tool.	P. Schiemann.	824,953	July 3	553	110	123	147
Electric trackway. Aerial.	G. G. Schroeder.	831,302	Sept. 18	2835	599-600	124	768
Electric traction-elevator.	A. Magnuson.	816,806	Apr. 3	500	110	121	1468
Electric tramways working upon the slot-conduit system. Point or switch for.	A. N. Connett.	816,646	Apr. 3	212	49-50	121	1407
Electric tramways working upon the slot-conduit system. Point or switch for.	A. N. Connett.	816,647	Apr. 3	214	50	121	1408
Electric transformer and connections.	H. F. Provandie.	812,089	Feb. 6	1109	244	120	1714
Electric transmission.	R. C. Sayer.	825,245	July 3	1102	233-4	123	288
Electric transmission of intelligence.	I. Kitsee.	817,921	Apr. 17	2738	594	121	2071
Electric transmission of intelligence.	I. Kitsee.	828,217	Aug. 7	1033	217	123	1923
Electric transmission of intelligence.	I. Kitsee.	838,788	Dec. 18	2995	645-6	125	2182
Electric-transmission pole.	J. L. Weller.	816,628	Apr. 3	170	36	121	1399
Electric transmission. Receiving device for.	I. Kitsee.	833,224	Oct. 16	2438	511	124	1892
Electric transmission system.	C. G. Burke.	823,505	June 19	2583	545	122	2399
Electric transportation system. Aerial.	G. G. Schroeder.	826,367	July 17	3388	700-2	123	888
Electric-tube lighting.	D. M. Moore. (Reissue).	12,561	Nov. 20	3487	744	125	955
Electric-wave detector.	T. J. Murphy.	811,654	Feb. 6	230	50	120	1535
Electric-wave-form tracer.	H. J. Ryan.	834,998	Nov. 6	239	52	125	63
Electric-wave-form tracer.	R. Rankin.	838,273	Dec. 11	2020	435	125	1898
Electric waves. Apparatus for producing.	A. Artom.	817,137	Apr. 3	1154	239	121	1616
Electric waves. Means for receiving intelligence communicated by.	G. W. Pickard.	836,531	Nov. 20	3242	689	125	898
Electric waves. Wireless transmitting and receiving mechanism for.	C. Hülsmeier.	810,150	Jan. 16	3102	640-1	120	763
Electric-wire cleat.	C. C. Blake.	825,954	July 17	2600	540	123	695
Electric-wire conduit.	D. H. Murphy.	817,086	Apr. 3	1056	219	121	1592
Electric-wire conduit.	C. C. Sibley and G. A. Lutz.	834,685	Oct. 30	5589	1186	124	2761
Electric-wire-conduit elbow.	C. C. Sibley and G. A. Lutz.	820,322	May 8	2628	572	122	648
Electric-wire splice.	C. J. Dorff.	839,563	Dec. 25	4538	908	125	2605
Electric-wire terminal.	J. D. Warren.	819,389	May 1	721	153	122	164
Electric wires. Connector for conduits for.	C. C. Sibley and G. A. Lutz.	834,684	Oct. 30	5587	1185	124	2761
Electric wires in buildings. Junction-box for.	J. L. Gleason.	814,907	Mar. 13	1801	377	121	451
Electrical apparatus. Making coils for.	E. L. Aiken.	834,220	Oct. 23	4656	988	124	2481
Electrical attachment-plugs and the like. Cap for.	F. E. Seeley.	836,468	Nov. 20	3116	661	125	867
Electrical battery.	C. Jäger.	808,755	Jan. 2	265	57	120	61
Electrical circuit and device.	R. J. Hewett.	818,169	Apr. 17	3237	695-6	121	2179
Electrical-circuit controller.	H. W. Leonard.	817,719	Apr. 10	2280	492-4	121	1912
Electrical-circuit controller.	H. W. Leonard. (Reissue).	12,530	Sept. 11	2243	474-6	124	592
Electrical-circuit-controlling device.	E. O. Schweitzer.	823,295	June 12	2165	452	122	2249
Electrical-circuit interrupter.	A. M. Bullard and W. H. Matthies.	838,005	Dec. 11	1436	312	125	1754
Electrical circuits. Means for opening and closing.	G. Rennerfelt.	833,178	Oct. 16	2333	489-90	124	1867
Electrical circuits. Reversing-switch for.	T. S. Perkins.	814,322	Mar. 6	649	131-2	121	142
Electrical conductor.	A. G. Betts.	833,290	Oct. 16	2576	538	124	1929
Electrical-conductor clamp.	S. C. Cutter.	830,572	Sept. 11	1378	286	124	369
Electrical conductor and joint therefor.	F. J. Tone.	836,155	Nov. 20	2486	522	125	714
Electrical-conductor conduit or casing.	R. H. W. Knight and L. Nagel.	814,217	Mar. 6	421	87	121	91
Electrical-conductor connector.	P. F. Williams.	831,815	Sept. 25	3847	806	124	1066
Electrical conductor. Flexible.	G. E. Schmidmer.	809,468	Jan. 9	1749	361	120	418
Electrical conductors. Connector for.	F. J. Troll.	813,538	Feb. 27	4042	885	120	2515

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prog.	Vol.	Page.
Electrical-conduit terminal.	C. J. Dorff.	839,564	Dec. 25	4538	968	125	2605
Electrical conduits. Dowel-pin for.	R. S. Peirce.	825,069	July 3	757	159	123	203
Electrical connection.	C. W. Svenson.	826,287	July 17	3229	668	123	849
Electrical construction. Cross-arm for.	E. S. Hamilton.	838,537	Dec. 18	2522	545	125	2066
Electrical contact-shoe.	T. Fildes.	838,177	Dec. 11	1821	390	125	1853
Electrical control system.	R. E. Bates.	811,539	Feb. 6	10	3	120	1487
Electrical control system.	F. J. Sprague.	815,756	Mar. 20	3594	755-6	121	890
Electrical control system. Distant.	J. Gomborow.	811,773	Feb. 6	446	97	120	1583
Electrical controller.	D. Larson.	827,923	Aug. 7	442	94	123	1779
Electrical controller.	D. Larson.	827,925	Aug. 7	454	94-5	123	1784
Electrical controller.	D. Larson.	834,010	Oct. 23	4211	893-4	124	2367
Electrical controller. Plural-speed.	G. N. Eastman.	814,643	Mar. 6	1281	269	121	276
Electrical converter.	W. B. Churcher.	839,113	Dec. 25	3631	784	125	2383
Electrical device and circuit.	W. H. Lane.	815,961	Mar. 27	4008	848	121	1029
Electrical device and circuit.	R. J. Hewett.	818,170	Apr. 17	3241	696	121	2180
Electrical devices. Adjustable suspender for.	A. Berry.	808,894	Jan. 2	545	121	120	120
Electrical-discharge apparatus.	J. E. Seeley.	821,832	May 29	5722	1219	122	1506
Electrical-distribution system.	C. P. Steinmetz.	809,996	Jan. 16	2772	570	120	694
Electrical-distribution system.	B. G. Lamme.	819,770	May 8	1464	313	122	387
Electrical-distribution system.	J. L. Woodbridge.	819,832	May 8	1599	340	122	421
Electrical-distribution system.	A. S. Hubbard.	828,315	Aug. 14	1260	265	123	2007
Electrical-distribution system.	J. B. Entz.	830,982	Sept. 11	2167	458	124	574
Electrical-distribution system.	E. J. Berg.	832,357	Oct. 2	677	130	124	1375
Electrical-distribution system.	R. Fleming.	835,354	Nov. 6	959	204	125	242
Electrical-distribution system. Self-regulating.	A. S. Hubbard and E. Lyndon.	826,429	July 17	3500	728	123	916
Electrical-distribution systems. Safety equipment for series.	F. J. Murmann and A. B. Shreve.	815,370	Mar. 20	2808	585	121	716
Electrical effluvia. Apparatus for indicating the character of.	L. Gerard.	818,534	Apr. 24	3972	853	121	2389
Electrical energy. System of applying alternating-current.	B. G. Lamme.	822,376	June 5	292	60	122	1789
Electrical fittings.	J. Dugdill.	825,199	July 3	1010	214-15	123	264
Electrical furnace.	F. J. Tone.	834,948	Nov. 6	140	27-8	125	39
Electrical generator.	W. Stanley.	816,192	Mar. 27	4483	950	121	1133
Electrical generator. Wave and current.	T. T. Wilmore.	835,361	Oct. 16	2712	572-3	124	1964
Electrical heater.	E. L. Vaughn.	812,965	Feb. 20	2895	638	120	2206
Electrical impulses. Means for transmitting.	F. L. Orr.	830,921	Sept. 11	2052	432	124	540
Electrical indicating device.	G. Zapf.	839,690	Dec. 25	4796	1025	125	2668
Electrical interrupter.	H. Besser.	827,782	Aug. 7	188	38	123	1716
Electrical machine.	B. G. Lamme.	838,034	Dec. 11	1502	324	125	1772
Electrical machines. Brush-holder for.	R. Siegfried and N. W. Storer.	824,213	June 26	3932	842	122	2749
Electrical machines. Brush-holder for.	C. B. Mills.	825,974	July 17	2631	546	123	704
Electrical oscillations. Apparatus for the production and utilization of undamped or sustained.	F. K. Vreeland.	829,934	Aug. 28	4626	973-4	123	2931
Electrical oscillations. Producing and utilizing undamped or sustained.	F. K. Vreeland.	829,447	Aug. 28	3576	754-5	123	2670
Electrical protective device.	C. A. Rolfe.	820,521	May 15	3053	657	122	801
Electrical protective device.	C. E. White.	838,066	Dec. 11	1582	339	125	1790
Electrical receptacle.	P. H. Fielding.	819,418	May 1	772	166	122	175
Electrical receptacle.	B. E. Salisbury.	838,811	Dec. 18	3042	656	125	2193
Electrical receptacle and plug.	J. C. Hatzel and E. L. Morley.	823,724	June 19	3003	636	122	2488
Electrical-regulation system.	W. L. R. Emmet.	816,442	Mar. 27	5006	1063	121	1243
Electrical-regulation system.	J. L. Creveling.	835,487	Nov. 6	1209	261-2	125	303
Electrical-resistance material.	A. O. Benecke.	839,257	Dec. 25	3921	843	125	2455
Electrical-resistance pyrometry.	E. F. Northrup.	834,162	Oct. 23	4548	965	124	2454
Electrical rosette.	J. A. Mebane.	812,760	Feb. 13	2477	543	120	2069
Electrical safety apparatus.	E. B. Hosmer and W. N. Dietrich.	813,297	Feb. 20	3542	780-1	120	2345
Electrical selecting appliance.	C. E. Scribner.	833,805	Oct. 23	3624	775	124	2225
Electrical step-by-step controller.	H. H. Cutler.	821,021	May 22	4097	872	122	1091
Electrical switch.	J. F. George.	810,527	Jan. 23	3942	811	120	982
Electrical switch.	J. F. McElroy.	816,028	Mar. 27	4150	878	121	1062
Electrical switch.	W. S. Mayer.	819,360	May 1	666	140-1	122	152
Electrical switch.	E. C. Bacon.	822,036	May 29	6107	1301	122	1593
Electrical switch.	H. A. Beynon.	828,373	Aug. 14	1376	291	123	2036
Electrical switch and cut-out.	C. M. Dorman, R. A. Smith, and H. G. Baggs.	818,614	Apr. 24	4142	891	121	2426
Electrical switch and socket-key.	H. L. Smith.	839,519	Dec. 25	4455	950	125	2585
Electrical transmitting and receiving apparatus.	J. P. L. Donlevy.	821,931	May 29	5904	1256	122	1547
Electrical vibratory motor.	J. L. Adams, Jr.	820,753	May 15	3476	745-6	122	894
Electrically-operated controlling mechanism.	G. H. Fretts.	813,638	Feb. 27	4238	931	120	2557
Electrically-operated fountain.	A. D. Southam.	820,996	May 22	4049	861	122	1081
Electrically-operated drill. Portable.	A. Pedersen. (Reissue).	12,571	Dec. 4	1242	272-3	125	1663
Electrically-operated indicator.	M. C. Regan.	828,570	Aug. 14	1776	374	123	2140
Electrically-operated portable drill.	A. Pedersen.	809,394	Jan. 9	1602	325	120	386
Electricity by alternating currents. System of distributing.	W. M. Fairfax.	832,852	Oct. 9	1693	349	124	1661
Electricity-meter.	H. Aron.	813,685	Feb. 27	4324	951-2	120	2574
Electricity-meter.	A. Baumann.	828,371	Aug. 14	1373	289	123	2035
Electricity-meter. Clockwork.	H. Aron.	813,610	Feb. 27	4188	919	120	2545
Electricity-meter. Electrolytic.	C. O. Bastian.	811,538	Feb. 6	8	2-3	120	1486
Electricity-meter for alternating currents.	H. Aron.	820,333	May 8	2648	578	122	653
Electricity. Removing static.	W. H. Chapman.	824,339	June 26	4161	890	122	2797
Electricity upon belting. Means for preventing accumulation of static.	C. M. Green.	815,814	Mar. 20	3710	782	121	914
Electrode. Arc-light.	F. J. Gerard.	828,544	Aug. 14	1717	362	123	2124
Electrode for use in the manufacture of bleaching liquor.	R. Kother.	832,983	Oct. 9	1937	405	124	1717
Electrode-plate. Storage-battery.	T. A. Edison.	831,269	Sept. 18	2763	582	124	749
Electrode-plates. Apparatus for forming tubes for.	F. Mouterde.	837,707	Dec. 4	869	196	125	1571
Electrodes for electrical accumulators by means of continually-working machines. Manufacture of.	E. W. Jungner.	836,261	Nov. 20	2713	577-8	125	771
Electrodes. Press for manufacturing arc-lamp.	A. Blondel.	830,201	Sept. 4	614	123-4	124	156
Electrodeposition.	W. C. Arsem.	811,759	Feb. 6	415	91	120	1577
Electrolier. Adjustable.	A. Hopkins.	815,830	Mar. 20	3752	789	121	923
Electrolier. Adjustable.	A. Hopkins.	829,869	Aug. 28	4473	944	123	2891

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Electrolysis of water. Apparatus for the.....	K. J. Varella.....	823,650	June 19	2878	608-9	122	2463
Electrolytic apparatus.....	H. S. Blackmore.....	809,085	Jan. 2	925	194	120	205
Electrolytic apparatus.....	L. Van Scoyoc.....	813,844	Feb. 27	4645	1027	120	2644
Electrolytic apparatus.....	F. McDonald.....	814,864	Mar. 13	1726	362	121	435
Electrolytic cell.....	G. A. Gabriel.....	822,109	May 29	6236	1329	122	1622
Electrolytic cells. Apparatus for feeding.....	F. J. Briggs.....	814,583	Mar. 6	1163	243	121	252
Electrolytic diaphragm.....	I. L. Roberts.....	831,474	Sept. 18	3150	667	124	847
Electrolytic processes. Producing circulation in.....	H. Koller and P. Askenasy.....	809,116	Jan. 2	988	204	120	218
Electromagnet.....	F. B. Corey.....	811,277	Jan. 30	5420	1130	120	1337
Electromagnet.....	E. H. Miller.....	812,511	Feb. 13	1997	438	120	1973
Electromagnet.....	E. H. Miller.....	815,365	Mar. 20	2801	583	121	715
Electromagnet.....	C. F. A. Sturts.....	824,046	June 19	3618	770	122	2622
Electromagnet.....	W. W. Brown.....	826,307	July 17	3268	676	123	858
Electromagnet.....	H. H. Hansen.....	833,741	Oct. 23	3488	744	124	2193
Electromagnet. Multipolar.....	H. G. Pape.....	812,445	Feb. 13	1872	412	120	1947
Electromagnets. Retarding device for.....	P. Kennedy.....	821,504	May 22	5059	1078	122	1303
Electromagnetic brake.....	E. Kramer.....	814,910	Mar. 13	1803	378	121	451
Electromagnetic device.....	W. W. Dean.....	832,181	Oct. 2	328	61	124	1292
Electromagnetic device for distributing-machines.....	O. G. C. Schmitt.....	815,748	Mar. 20	3581	751-3	121	888
Electromagnetic locking-switch.....	H. M. Crane.....	828,090	Aug. 7	810	167	123	1871
Electromagnetic motor.....	M. Cheever.....	813,775	Feb. 27	4496	993	120	2611
Electromagnetic waves or the like. Detector for.....	R. H. Rendahl.....	820,258	May 8	2515	544	122	623
Electromechanical transmission device.....	A. W. Harrison.....	833,051	Oct. 9	2068	435	124	1751
Electroplating.....	E. L. Livingston and W. McNulty.....	838,346	Dec. 11	2144	464-5	125	1931
Electroplating.....	W. S. Hutchinson.....	838,717	Dec. 18	2858	615	125	2149
Electroplating apparatus.....	A. W. L'Hommedieu.....	809,309	Jan. 9	1410	286	120	345
Electroplating apparatus.....	G. L. Meaker.....	815,027	Mar. 13	2061	432	121	504
Electroplating apparatus.....	F. R. Cunningham.....	828,814	Aug. 14	2235	476	123	2257
Electroplating apparatus.....	A. J. Leaver.....	835,960	Nov. 13	2097	449	125	567
Electroplating apparatus.....	W. S. Hutchinson.....	838,716	Dec. 18	2857	615	125	2149
Electroplating apparatus. Dipping mechanism for.....	D. F. Broderick.....	839,719	Dec. 25	4861	1038-9	125	2683
Electroplating cylindrical articles. Apparatus for.....	R. C. Totten.....	827,478	July 31	5781	1199	123	519
Electroplating-tank.....	C. G. Backus and G. L. Wallace.....	817,832	Apr. 17	2550	547	121	2028
Electropneumatic brake.....	E. A. Wright and W. V. Turner.....	837,369	Dec. 4	187	46	125	1403
Electropneumatic channeler.....	A. H. Gibson.....	819,011	Apr. 24	4917	1055-6	121	2595
Electroresponsive device.....	E. A. Terpening.....	810,311	Jan. 16	3452	713-14	120	837
Electros. Apparatus for backing up of.....	E. Albert.....	821,845	May 29	5743	1222	122	1511
Electrostatic apparatus.....	L. I. Blake.....	817,746	Apr. 17	2360	507	121	1987
Electrostatic apparatus.....	M. Woodsome.....	831,916	Sept. 25	4086	852	124	1126
Electrostatic influence-machine.....	E. Thomson.....	809,761	Jan. 9	2310	479	120	540
Electrostatic separation.....	G. W. Pickard.....	827,115	July 31	4944	1032	123	1311
Electrostatic separation. Apparatus for.....	G. W. Pickard.....	827,116	July 31	4945	1032-3	123	1311
Electrostatic separator.....	M. Woodsome.....	827,770	Aug. 7	167	34	123	1711
Electrothermal device.....	C. E. White.....	830,391	Sept. 4	998	209	124	246
Electrothermal switch.....	J. Erickson.....	831,847	Sept. 25	3919	820	124	1084
Electrotypes and the like. Apparatus for producing matrices for.....	E. Albert.....	814,927	Mar. 13	1833	384	121	458
Electrotypes, &c. Rack for.....	R. D. Wilson.....	826,076	July 17	2847	590	123	758
Electrotyping. Solution for use in.....	A. Gerstner.....	838,977	Dec. 18	3321	.....	125	2259
Elevated carrier.....	L. A. Martin.....	835,450	Nov. 6	1153	249	125	290
Elevated carrier.....	E. M. Kehr.....	839,391	Dec. 25	4177	894	125	2518
Elevating and unloading apparatus.....	J. W. Coghill, Jr.....	826,709	July 24	4137	859	123	1098
Elevating device.....	J. C. Stirling.....	811,968	Feb. 6	871	192	120	1666
Elevating device.....	E. Robidoux.....	813,830	Feb. 27	4615	1021	120	2636
Elevating-jack.....	T. J. Cope.....	827,505	July 31	5835	1209	123	1532
Elevating means.....	E. S. Henry and D. B. Camp.....	826,164	July 17	3006	624	123	797
Elevator:							
<i>See</i> Bucket elevator. Hydropneumatic ele-							
Corn-elevator. vator.							
Cotton-elevator. Inclined elevator.							
Electric elevator. Load-elevator.							
Electric traction-ele- Portable elevator.							
vator. Shredding-machine							
Floating elevator. elevator.							
Fodder-elevator. Sucker-rod elevator.							
Grain-elevator. Telescopic elevator.							
Hay-elevator. Vehicle-elevator.							
Hydraulic elevator. Water-elevator.							
Elevator.....	G. R. Layman.....	809,117	Jan. 2	989	204	120	218
Elevator.....	H. S. MacKaye.....	811,513	Jan. 30	5839	1223	120	1424
Elevator.....	D. Blackstone.....	813,941	Feb. 27	4833	1066-7	120	2683
Elevator.....	T. E. Murray.....	816,677	Apr. 3	270	63	121	1419
Elevator.....	T. E. Murray.....	816,678	Apr. 3	272	63	121	1420
Elevator.....	T. E. Murray.....	816,679	Apr. 3	274	64	121	1420
Elevator.....	J. Lehrman.....	817,076	Apr. 3	1039	215-16	121	1588
Elevator.....	E. H. Vogel.....	819,257	May 1	440	92-3	122	103
Elevator.....	B. E. Kingsley.....	820,208	May 8	2409	522-3	122	599
Elevator.....	A. Aker.....	826,821	July 24	4338	902-3	123	1150
Elevator.....	A. J. Myer.....	827,109	July 31	4935	1030	123	1300
Elevator.....	J. Wunderlich.....	828,009	Aug. 7	643	131	123	1830
Elevator.....	C. W. Jackson.....	828,029	Aug. 7	684	141	123	1840
Elevator.....	A. Menard.....	830,669	Sept. 11	1582	326	124	425
Elevator.....	W. G. Eisenmayer.....	831,217	Sept. 18	2650	557	124	719
Elevator.....	J. J. Fischer.....	833,032	Oct. 9	2023	425-6	124	1738
Elevator.....	A. H. Handlan, Jr.....	837,826	Dec. 4	1079	241	125	1621
Elevator.....	T. W. Power and A. Boyington.....	837,960	Dec. 11	1347	295	125	1731
Elevator.....	G. F. Steedman.....	838,819	Dec. 18	3054	658	125	2196
Elevator and carrier.....	J. M. Boyd.....	827,609	July 31	6031	1255	123	1580
Elevator and conveyer.....	M. B. Brewster.....	812,478	Feb. 13	1927	424	120	1959
Elevator and weigher.....	C. Bradford.....	837,381	Dec. 4	210	51	125	1408
Elevator attachment.....	C. Schaeffling.....	837,888	Dec. 4	1198	265-6	125	1651
Elevator bell-signal.....	J. King.....	828,746	Aug. 14	2112	447	123	2225
Elevator-belt.....	C. E. Taylor.....	838,221	Dec. 11	1906	409	125	1873
Elevator-brake.....	J. E. Boyce.....	814,669	Mar. 13	1350	282	121	354
Elevator-brake.....	M. Fullenlove.....	823,720	June 19	2997	635	122	2487

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Elevator-brake.....	A. Sundh.....	828,983	Aug. 21	2582	545	123	2374
Elevator-cage.....	G. F. Steedman.....	831,248	Sept. 18	2715	572	124	736
Elevator-cage. Automatic-dumping.....	W. J. Newman.....	809,456	Jan. 9	1727	356	120	413
Elevator-cage. Automatic-dumping.....	W. J. Newman.....	825,928	July 17	2553	529-30	123	682
Elevator-cage-door opener.....	E. and W. B. Murray.....	810,169	Jan. 16	3134	648-9	120	770
Elevator-cages. Safety-brake for.....	W. Farnsworth, M. Rogers, and R. Duke.....	835,018	Nov. 6	284	62	125	74
Elevator-car safety apparatus.....	H. H. Busch.....	838,770	Dec. 18	2960	638	125	2173
Elevator-car safety device.....	C. H. Guess.....	836,877	Nov. 27	3951	843	125	1112
Elevator-catch.....	J. Morgan.....	822,538	June 5	600	121	122	1859
Elevator-checking device. Automatic.....	C. G. Armstrong and C. A. Dresser.....	814,929	Mar. 13	1839	385	121	459
Elevator-control system.....	J. D. Ihlder.....	820,498	May 15	2992	646	122	787
Elevator-control system. Electric.....	J. D. Ihlder.....	820,499	May 15	3000	646	122	789
Elevator-conveyer for store and office service. Automatic discharging.....	W. H. German.....	839,467	Dec. 25	4338	927-8	125	2556
Elevator-coupling.....	G. B. Read.....	815,470	Mar. 20	3005	627	121	762
Elevator cut-off device.....	W. B. Jones.....	826,858	July 24	4419	920	123	1168
Elevator device. Safety.....	J. Taylor, J. A. McMillen, and T. C. B. Milbery.....	824,452	June 26	4405	937	122	2846
Elevator-door-operating apparatus.....	F. S. Payne.....	839,314	Dec. 25	4031	867	125	2481
Elevator-door safety attachment.....	J. F. Gill and J. J. Meehan.....	836,572	Nov. 20	3313	706	125	915
Elevator drive mechanism.....	S. B. Hart.....	833,385	Oct. 16	2758	581	124	1976
Elevator driving mechanism.....	V. W. Mason.....	824,129	June 26	3752	801	122	2710
Elevator emergency-brake.....	N. P. Otis and A. Sundh.....	815,629	Mar. 20	3304	692	121	827
Elevator-gate.....	G. D. Thompson.....	809,644	Jan. 9	2109	436	120	493
Elevator-gate.....	B. Lovette.....	828,558	Aug. 14	1753	368	123	2134
Elevator-gate. Automatic.....	P. F. Blim.....	810,839	Jan. 23	4511	939	120	1106
Elevator grain-spout. Portable.....	G. W. and C. D. Baier.....	830,957	Sept. 11	2115	447	124	561
Elevator-guard.....	W. E. Conolly.....	828,385	Aug. 14	1393	294	123	2041
Elevator-guard.....	W. K. Fraser.....	830,427	Sept. 4	1066	222-3	124	264
Elevator-guard.....	F. Janssen and W. Barlow.....	839,294	Dec. 25	3995	858	125	2473
Elevator-hatchway closure.....	J. W. McGhee.....	823,479	June 12	2518	528	122	2324
Elevator load-limit mechanism.....	J. R. Wilcox.....	823,455	June 12	2457	519	122	2310
Elevator-locking mechanism.....	J. S. Mucklé.....	811,427	Jan. 30	5700	1193	120	1395
Elevator mechanism.....	W. Crossley.....	808,637	Jan. 2	35	8	120	10
Elevator-openings. Automatic closure for.....	A. Wind.....	824,967	July 3	589	118	123	156
Elevator or jack.....	G. Wenzelmann and E. H. Overholt.....	810,448	Jan. 23	3772	777-8	120	942
Elevator plunger-guide.....	J. A. Anderson.....	827,282	July 31	5303	1099	123	1403
Elevator safety-alarm.....	P. E. Chapman.....	822,186	May 29	6391	1357-8	122	1657
Elevator safety apparatus.....	J. G. Babio.....	824,523	June 26	4548	966	122	2880
Elevator safety apparatus.....	A. V. A. McHarg.....	825,337	July 10	1299	273	123	357
Elevator safety appliance.....	S. Cunningham.....	835,665	Nov. 13	1560	333	125	437
Elevator safety appliance.....	H. H. Wilson.....	837,168	Nov. 27	4555	966-7	125	1256
Elevator safety-brake.....	B. S. Bowman.....	810,256	Jan. 16	3331	691	120	809
Elevator safety-brake.....	C. Price.....	837,961	Dec. 11	1351	295-6	125	1732
Elevator safety brake or lock.....	F. Williams.....	822,803	June 5	1135	233	122	1977
Elevator safety-catch.....	A. Fleisher.....	811,046	Jan. 30	4953	1034	120	1237
Elevator safety device.....	I. B. Ritter.....	809,076	Jan. 2	905	190-1	120	200
Elevator safety device.....	J. R. Conley.....	809,285	Jan. 9	1359	276	120	334
Elevator safety device.....	F. S. Payne.....	809,320	Jan. 9	1433	290	120	349
Elevator safety device.....	F. A. Weigel.....	811,604	Feb. 6	133	29	120	1514
Elevator safety device.....	S. Kacso.....	816,333	Mar. 27	4782	1013	121	1197
Elevator safety device.....	F. Lundsten.....	817,431	Apr. 10	1760	370	121	1803
Elevator safety device.....	W. H. Fern.....	819,052	May 1	34	7-8	122	11
Elevator safety device.....	A. D. Gable and J. Brickley.....	820,637	May 15	3249	698-9	122	844
Elevator safety device.....	C. S. Burnham.....	826,535	July 24	3784	785	123	1006
Elevator safety device.....	F. C. Furlow.....	826,558	July 24	3835	794	123	1020
Elevator safety device.....	D. F. Lepley.....	826,586	July 24	3900	808	123	1037
Elevator safety device.....	F. A. Weigel.....	826,634	July 24	4000	828	123	1063
Elevator safety device.....	E. Dunkerley, Jr.....	828,307	Aug. 14	1244	261	123	2003
Elevator safety device.....	J. H. Laney.....	828,753	Aug. 14	1225	449-50	123	2228
Elevator safety device.....	C. E. Brown.....	829,094	Aug. 21	2810	591	123	2435
Elevator safety device.....	W. C. Tench.....	831,903	Sept. 25	4062	846	124	1120
Elevator safety device.....	G. R. Layman.....	834,816	Oct. 30	5857	1242	124	2828
Elevator safety device.....	W. J. Beach.....	834,883	Nov. 6	11	3	125	5
Elevator safety device.....	R. D. Secoy.....	837,253	Nov. 27	4716	999	125	1296
Elevator safety device.....	W. G. Miller.....	837,323	Dec. 4	92	24	125	1377
Elevator safety device.....	M. J. Delaney.....	837,804	Dec. 4	1042	232	125	1612
Elevator safety device.....	I. B. Ritter.....	838,213	Dec. 11	1889	405-6	125	1869
Elevator safety device.....	C. H. Leffingwell.....	838,726	Dec. 18	2874	619	125	2453
Elevator safety-door.....	J. M. Porter.....	823,965	June 19	3464	740	122	2591
Elevator safety-gate mechanism.....	W. D. Kehl.....	827,374	July 31	5483	1140	123	1447
Elevator safety lock or grip.....	H. A. Clifford.....	837,546	Dec. 4	523	121	125	1486
Elevator safety mechanism.....	G. Hail.....	824,646	June 26	4791	1021	122	2932
Elevator-shaft gates. Cushioning apparatus for.....	W. Bardsley.....	812,392	Feb. 13	1774	389	120	1927
Elevator signaling system.....	J. B. Smalley and C. A. Reiners.....	826,752	July 24	4215	876	123	1118
Elevator slack-cable stop.....	J. J. Westbrook.....	830,944	Sept. 11	2098	443	124	556
Elevator stop device.....	F. C. Westbrock.....	826,559	July 24	3839	794-5	123	1021
Elevator system. Single-push-button automatically-controlled electric.....	F. W. Newell.....	838,133	Dec. 11	1724	371	125	1828
Elevator tumbler. Bucket.....	J. H. Gray.....	822,601	June 5	751	132	122	1893
Elevator well-door.....	W. J. Fletcher.....	825,449	July 10	1562	322	123	426
Elevators and carriers. Suspended track for.....	J. M. Boyd.....	812,477	Feb. 13	1922	424	120	1958
Elevators and traction-cars. Safety-indicator for.....	R. H. Gaylord.....	829,864	Aug. 28	4460	942-3	123	2888
Elevators. Automatic brake for power-actuated.....	T. W. Heermans.....	815,015	Mar. 13	2031	426	121	498
Elevators. Electrical door-opener for.....	C. G. Armstrong and C. A. Dresser.....	814,928	Mar. 13	1837	385	121	458
Elevators. Means for attaching and driving.....	C. Bradford.....	824,840	July 3	331	61	123	92
Elevators. Power-storage and safety device for.....	W. P. Groom.....	838,322	Dec. 11	2006	454	125	1918
Elevators. Retarding device for plunger.....	F. C. Furlow.....	810,404	Jan. 23	3685	759	120	923
Elevators. Tumbler for bucket.....	J. H. Gray.....	821,163	May 22	4377	931	122	1153
Ellipsograph.....	J. W. Becker.....	828,372	Aug. 14	1375	290	123	2036
Ellipsograph.....	C. Hanes and R. H. Monteith.....	830,784	Sept. 11	1814	376	124	487
Ellipsograph.....	J. L. Perkins.....	833,892	Oct. 23	3842	816	124	2281
Embalming compound.....	G. B. Dodge.....	814,775	Mar. 13	1568	.....	121	402
Embalming fluid.....	I. R. Burns.....	835,781	Nov. 13	1781	.....	125	494

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Embalming instrument.....	W. O. Schroyer.....	820,606	May 15	3201	689	122	834
Embalming-table.....	S. A. Harper, Jr.....	839,755	Dec. 25	4930	1053	125	2701
Embankments and road-beds. Means for construct- ing.....	F. F. Lloyd.....	837,940	Dec. 11	1304	286-7	125	1720
Emblem-charm.....	N. D. Cole.....	838,499	Dec. 11	2436	529	125	2001
Embossing and printing upon leather, silk, &c. Ma- chine for.....	G. Moore.....	815,931	Mar. 20	3947	836	121	965
Embossing-machine.....	J. F. Lowenhaupt.....	812,859	Feb. 20	2678	589-91	120	2158
Embossing or creasing machine.....	E. E. Spencer, Jr.....	823,305	June 12	2192	457	122	2255
Embossing-press.....	A. Bredenber.....	821,079	May 22	4218	897	122	1117
Embossing printed matter.....	J. E. Hudson.....	833,391	Oct. 16	2787	588	124	1983
Embroidering-machine.....	J. J. Knecht.....	815,177	Mar. 13	2375	495	121	575
Embroidering-machine.....	V. Kobler.....	824,725	July 3	55	10	123	18
Embroidering-machine.....	V. Kobler-Stauder.....	828,612	Aug. 14	1843	388-9	123	2158
Embroidering-machine. Multiple.....	C. Farmer.....	831,046	Sept. 18	2299	486-7	124	640
Embroidering-machine presser-foot.....	G. W. Lankford.....	827,737	Aug. 7	80	16	123	1690
Embroidering-machine shuttle.....	E. Berger.....	817,744	Apr. 17	2350	504	121	1985
Embroidering-machine shuttles. Apparatus for fill- ing.....	E. Berger.....	839,449	Dec. 25	4296	919-20	125	2547
Embroidering-machines. Fabric-moving mechanism for.....	M. Trautmann.....	813,122	Feb. 20	3208	701	120	2276
Embroidering-machines. Shuttle-driving mechan- ism for.....	B. Salzer and G. Walther.....	825,485	July 10	1626	339	123	441
Embroidering. Marking composition for.....	M. C. Wenner.....	834,955	Nov. 6	148	.....	125	41
Embroidery. Hand-made.....	N. Friedberger.....	839,377	Dec. 25	4154	889	125	2512
Embroidery-machines. Reader or machine for perfor- ating paper to be used with the jacquards in auto- matic.....	F. Pittard.....	824,380	June 26	4252	905-6	122	2815
Embroidery-silk holder.....	J. J. Lawler.....	822,060	May 29	6148	1311	122	1602
Embroidery. Tulle or net.....	J. Diem-Beutler.....	824,100	June 26	3705	790	122	2699
Emergency and main brake. Combined.....	G. B. Grosvenor.....	837,400	Dec. 4	245	61-2	125	1418
Emergency-brake.....	A. H. Ames.....	814,659	Mar. 13	1315	277	121	345
Emergency-brake.....	F. B. Corey.....	823,992	June 19	3520	752	122	2602
Emergency-brake.....	G. Macloskie.....	836,982	Nov. 27	4184	890-1	125	1166
Emergency-stop.....	W. H. Balch.....	834,961	Nov. 6	155	31	125	43
Emery. Manufacture of artificial.....	A. Gacon.....	820,859	May 15	3716	.....	122	946
Emery-wheel-dressing tool.....	E. Wright.....	826,817	July 24	4329	901	123	1148
Emery-wheel-dressing tool.....	W. Fish.....	834,666	Oct. 30	5552	1178	124	2752
Emery-wheels. Tool for truing.....	L. A. Sherman.....	817,528	Apr. 10	1955	413	121	1844
Emulsifier.....	C. D. Monroe.....	814,720	Mar. 13	1458	306	121	379
Emulsifier.....	C. A. Janson.....	825,732	July 10	2187	457	123	580
Emulsion and producing it.....	K. Mann.....	834,830	Oct. 30	5892	.....	124	2838
Enameled ornament.....	O. L. Heintz.....	808,744	Jan. 2	248	54	120	57
Enameled ware. Manufacturing clean edges in.....	K. Gossweiler.....	828,107	Aug. 7	844	.....	123	1879
Enameling metal and the resulting product. Proc- ess of.....	S. H. Thurston.....	826,628	July 24	3990	826	123	1061
End-cell switch.....	J. Bijur.....	810,389	Jan. 23	3646	750	120	914
End-cell switch.....	L. Lyndon.....	810,958	Jan. 30	4798	998	120	1202
End-gate.....	F. M. Miller.....	815,454	Mar. 20	2979	620	121	757
End-gate and lifting-jack.....	O. Bucklin.....	831,534	Sept. 25	3279	690	124	915
End-gate and lifting-jack. Combined.....	O. Bucklin.....	821,458	May 22	4978	1058	122	1286
End-gate and scoop-board for wagons.....	R. P. Dunham.....	836,102	Nov. 20	2360	498	125	684
End-gate. Dumping-wagon.....	J. Hovas.....	830,073	Sept. 4	326	65	124	79
End-gate fastening.....	A. A. Fair.....	834,461	Oct. 30	5146	1093	124	2649
End-gate fastening device. Vehicle- wagon.....	J. W. Hird.....	812,341	Feb. 13	1672	368	120	1906
End-gate latch. Wagon- wagon.....	C. W. Stark.....	810,683	Jan. 23	4228	875-6	120	1045
End-gate lock.....	J. A. Nicholas.....	810,072	Jan. 16	2954	616	120	734
End-gate. Vehicle.....	G. Henery.....	835,423	Nov. 6	1108	239	125	279
End-gate. Wagon.....	W. F. Wagner.....	814,099	Mar. 6	195	39	121	43
End-gate. Wagon.....	M. L. Winans.....	831,915	Sept. 25	4084	852	124	1125
Energy-meter for three-phase plants unsymmetric- ally loaded.....	R. Arno.....	820,755	May 15	3483	746-8	122	896
Energy. Protection against reversal of.....	L. Wilson.....	811,265	Jan. 30	5396	1126	120	1331
Engine: See Air and gas engine. Multiple-cylinder en- Air-compressing engine. gine. Balanced engine. Oil-engine. Blowing-engine. Oscillating engine. Centerless engine. Oscillating-piston en- Combustion-engine. gine. Compound engine. Paper-engine. Compound rotary en- Paper-pulp-refining gine. engine. Continuous-piston en- Paper-stock-refining gine. engine. Dental engine. Pumping-engine. Direct-acting engine. Rag-engine. Explosion-engine. Recision-engine. Explosive-engine. Refining-engine. Fiber-treating engine. Rotary engine. Fluid-engine. Rotary explosion-en- Fluid-operated engine. gine. Fluid-pressure engine. Rotary explosive-en- Gas-engine. gine. Gas and steam engine. Rotary gas-engine. Gasolene-engine. Rotary reciprocating Hoisting-engine. engine. Hot-air engine. Rotary steam-engine. Hydrocarbon-engine. Steam-engine. Internal-combustion Surgical operating-en- engine. gine. Locomotive-engine. Traction-engine. Marine engine. Turbine-engine. Motive-power engine.	H. A. Swanton.....	811,184	Jan. 30	5234	1095	120	1296
Engine.....	I. Lehman.....	814,145	Mar. 6	283	57	121	62

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Pr. g.	Vol.	Page.
Engine.....	L. J. J.-B. Le Rond.....	815,104	Mar. 13	2208	465	121	536
Engine.....	W. Heckert.....	816,464	Mar. 27	5046	1071-2	121	1253
Engine.....	E. C. Meyer.....	819,905	May 8	1730	372-3	122	451
Engine.....	E. Thomson and A. A. Ball, Jr.....	822,322	June 5	193	38-9	122	1769
Engine.....	J. N. Cummings.....	822,586	June 5	717	145	122	1887
Engine.....	E. A. Maynard.....	827,107	July 31	4933	1029	123	1308
Engine.....	C. E. Cleveland.....	833,304	Oct. 16	2602	544-5	124	1936
Engine.....	F. A. Genung and W. M. Spoor.....	834,974	Nov. 6	186	40	125	49
Engine.....	A. G. Heggem.....	836,186	Nov. 20	2547	535	125	729
Engine.....	F. J. A. Schnarrendorf.....	836,946	Nov. 27	4114	877-8	125	1148
Engine.....	J. H. Trevorrow.....	838,669	Dec. 18	2782	596	125	2130
Engine and car coupling. Railway.....	E. Posson.....	816,038	Mar. 27	4170	883	121	1066
Engine and other cylinders. Means for cooling.....	E. P. Caldwell.....	820,549	May 15	3106	669	122	812
Engine attachment. Traction.....	J. M. Bartosh.....	817,833	Apr. 17	2552	548	121	2029
Engine-bed.....	F. W. Salmon.....	809,466	Jan. 9	1746	360	120	418
Engine casing. Crude-oil.....	D. R. Morrison.....	832,993	Oct. 9	1958	409	124	1723
Engine connecting-rod.....	J. Stuart.....	810,994	Jan. 30	4866	1013	120	1217
Engine construction.....	G. B. Petsche.....	822,387	June 5	312	64	122	1793
Engine controlling mechanism. Blowing.....	J. V. Symons.....	813,064	Feb. 20	3091	677	120	2251
Engine cooler. Explosive.....	S. S. Morton.....	839,617	Dec. 25	4631	988	125	2628
Engine cooling and lubricating apparatus. Crank-case.....	G. Brown.....	831,532	Sept. 25	3276	690	124	914
Engine cooling attachment. Explosive.....	H. G. Alexander.....	830,556	Sept. 11	1347	280	124	362
Engine coupling. Traction.....	H. Nilsen.....	831,977	Sept. 25	4198	876	124	1154
Engine crank. Gas.....	W. R. Everett.....	831,608	Sept. 25	3433	721	124	956
Engine-cylinder-cooling device.....	L. D. Zent.....	820,278	May 8	2859	555	122	633
Engine cylinders. Cooling means for explosive.....	S. Ham.....	810,643	Jan. 23	4165	860	120	1031
Engine driving mechanism. Paper-refining.....	E. C. Crocker.....	824,910	July 3	469	92	123	125
Engine electric sparking igniter. Explosive.....	L. A. Smith.....	826,123	July 17	2933	609	123	779
Engine frame. Locomotive.....	C. H. Howard.....	818,448	Apr. 24	3782	813	121	2350
Engine igniter. Internal-combustion.....	A. R. Curtis.....	817,104	Apr. 3	1085	225	121	1599
Engine igniting device. Explosive.....	H. D. Murray and E. J. Fithian.....	837,708	Dec. 4	872	197	125	1571
Engine-indicator.....	W. F. Lloyd.....	814,971	Mar. 13	1923	404	121	475
Engine lubricating device.....	T. L. and T. J. Sturtevant.....	834,498	Oct. 30	5219	1108	124	2668
Engine lubricating device. Internal-combustion.....	G. J. Altham.....	821,915	May 29	5868	1248	122	1539
Engine lubricating-pump. Locomotive.....	J. F. McCanna.....	822,684	June 5	908	186-7	122	1930
Engine lubricator. Steam.....	D. Morehouse.....	838,040	Dec. 11	1513	325	125	1774
Engine metering device.....	E. L. Tucker.....	822,637	June 5	822	167	122	1909
Engine-muffler.....	C. Palmer.....	838,051	Dec. 11	1536	330	125	1781
Engine or motor.....	L. Goddu.....	829,201	Aug. 21	3061	642-3	123	2499
Engine regulating and security device. Reversible.....	E. Koch.....	831,081	Sept. 18	2399	503-4	124	664
Engine regulating apparatus.....	A. C. E. Rateau.....	839,318	Dec. 25	4038	868	125	2483
Engine reversing-brake. Turbine.....	H. Lentz.....	811,856	Feb. 6	609	133	120	1613
Engine reversing mechanism.....	H. L. Parr and C. E. Lucke.....	815,732	Mar. 20	3531	741	121	876
Engine reversing mechanism. Compound.....	G. B. Petsche.....	833,937	Oct. 23	3938	836-7	124	2307
Engine reversing mechanism. Explosive.....	E. B. Robertson.....	811,955	Feb. 6	847	187	120	1661
Engine reversing mechanism. Traction.....	J. C. Metcalf.....	834,394	Oct. 30	5029	1065	124	2619
Engine roll. Beating.....	M. R. Rust.....	838,359	Dec. 11	2163	469	125	1935
Engine safety starting device. Gas.....	A. S. Johnson.....	811,928	Feb. 6	785	172	120	1649
Engine shafts off dead-centers. Device for throwing traction.....	W. L. Quick.....	831,992	Sept. 25	4220	881	124	1159
Engine signaling device. Railway.....	W. S. Filley.....	814,776	Mar. 13	1570	331-2	121	403
Engine spark and valve controlling device. Explosion.....	R. M. Keating.....	822,525	June 5	579	116-17	122	1853
Engine sparker and governor combined. Gas.....	D. F. Graham and F. A. Fox.....	809,560	Jan. 9	1921	399	120	455
Engine sparker. Gas.....	A. P. Tallmadge.....	813,926	Feb. 27	4802	1060	120	2677
Engine sparker. Gas.....	S. A. Hashbrouck.....	830,898	Sept. 11	2008	423	124	537
Engine sparker-igniter-retarding device. Gas.....	T. B. Jeffery.....	826,253	July 17	3169	657	123	834
Engine sparking device.....	J. E. Worth and W. B. Eten.....	811,470	Jan. 30	5762	1206	120	1408
Engine sparking igniter. Explosive.....	G. Cormack, Jr., and F. C. Zumdahl.....	813,081	Feb. 20	3119	683	120	2256
Engine sparking igniter. Gas.....	H. A. Johnston.....	836,503	Nov. 20	3177	673	125	884
Engine sparking igniter. Gasolene.....	J. C. McLachlan.....	816,990	Apr. 3	894	185	121	1557
Engine sparking igniter. Internal-combustion.....	A. R. Bellamy.....	811,122	Jan. 30	5089	1064	120	1265
Engine sparking igniters. Adjusting device for explosive.....	T. B. Jeffery.....	819,283	May 1	504	106	122	117
Engine sparking-ignition-controlling means. Explosive.....	J. S. Moreland.....	818,460	Apr. 24	3805	818	121	2354
Engine speed and spark regulating device. Explosive.....	T. Van Tuyl.....	825,433	July 10	1529	316	123	416
Engine speed-regulating mechanism. Gas.....	G. H. Ellis.....	824,105	June 26	3711	792	122	2700
Engine speed-regulator. Explosive.....	J. A. Secor.....	812,371	Feb. 13	1718	377-8	120	1917
Engine-starter.....	G. F. Brandhuber.....	836,559	Nov. 20	3293	702	125	911
Engine-starter.....	F. L. Orr.....	837,953	Dec. 11	1331	292	125	1726
Engine starting-crank.....	G. B. Selden, Jr.....	812,094	Feb. 6	1118	246	120	1716
Engine starting device. Explosion.....	V. Erdmenger.....	813,959	Feb. 27	4862	1075-6	120	2688
Engine starting device. Explosion.....	C. R. Greuter.....	838,398	Dec. 11	2252	487	125	1956
Engine starting device. Explosive.....	G. N. McMillan.....	817,266	Apr. 10	1436	302	121	1734
Engine starting device. Explosive.....	C. E. Wisner.....	832,566	Oct. 2	1086	218	124	1475
Engine starting means. Explosion.....	C. J. Coleman.....	836,365	Nov. 20	2905	616	125	817
Engine starting means. Gas or similar.....	F. L. Orr.....	809,211	Jan. 2	1161	240	120	256
Engine starting mechanism. Explosive.....	H. J. Wiegand.....	813,068	Feb. 20	3099	679	120	2252
Engine starting mechanism. Gas.....	V. B. Miller.....	812,584	Feb. 13	2155	472	120	2005
Engine steering device. Traction.....	C. B. Hall and F. A. Thomas.....	833,783	Oct. 23	3569	762	124	2213
Engine steering-gear. Traction.....	P. L. Cantelou.....	810,261	Jan. 16	3340	693-4	120	811
Engine steering mechanism.....	N. Dreis.....	827,429	July 31	5633	1166	123	1483
Engine-stop. Automatic.....	N. C. Locke.....	812,279	Feb. 13	1561	341	120	1881
Engine-stop. Automatic.....	H. M. Martyn.....	839,779	Dec. 25	4978	1063	125	2713
Engine stop mechanism. Steam.....	J. E. J. Goodlett.....	814,838	Mar. 13	1689	353-4	121	427
Engine tank. Traction.....	G. A. Anderson.....	818,217	Apr. 17	3332	714	121	2199
Engine tender. Traction.....	C. T. Hixson.....	810,145	Jan. 16	3094	639	120	761
Engine tender. Traction.....	H. Hamann.....	811,060	Jan. 30	4975	1038-9	120	1242
Engine vaporizer. Hydrocarbon.....	C. F. Pearson.....	825,754	July 10	2232	465	123	590
Engine vaporizer. Internal-combustion.....	J. H. Vail.....	837,984	Dec. 11	1403	305	125	1746
Engine wheel. Traction.....	L. O. Hotaling.....	810,487	Jan. 23	3855	792	120	963
Engine with revolving cylinders.....	E. Urban.....	825,945	July 17	2583	536	123	690
Engines. Actuating-gear for traction.....	F. T. Flinchbaugh.....	821,477	May 22	5012	1065-6	122	1293
Engines. Air-cooling device for explosive.....	L. A. Frayer and W. J. Miller.....	835,277	Nov. 6	803	168	125	203

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Engines. Automatic alarm and stopping device for.	D. B. Adams.	827,698	Aug. 7	1	1	123	1671
Engines. Automatic cut-off device for.	K. Hegle and O. E. Peterson.	836,254	Nov. 20	2700	574	125	768
Engines. Automatic cut-off for explosive.	M. Münzel.	813,316	Feb. 20	3593	789-90	120	2355
Engines. Automatic cut-off for reversible.	G. L. Gibburn.	825,980	July 17	2642	549	123	707
Engines. Automatic speed-regulator for internal-combustion.	J. G. Callan.	809,771	Jan. 9	2334	483	120	545
Engines. Automatic steering device for traction.	E. F. Piper.	821,253	May 22	4539	966	122	1189
Engines. Controller for sparking devices of gas.	D. B. Willix.	811,680	Feb. 6	283	63	120	1547
Engines. Current-controller for igniting devices for hydrocarbon.	F. O. Farwell.	816,083	Mar. 27	4274	906	121	1090
Engines. Cylinder-cooling device for gasolene.	H. Stoltenberg.	828,867	Aug. 14	2344	498	123	2284
Engines. Cylinder-head for.	A. Russell.	829,233	Aug. 21	3118	656	123	2512
Engines. Device for distributing steam in rotary.	P. Berger.	830,291	Sept. 4	795	162	124	199
Engines. Device for facilitating the removal of valves from valve-boxes of internal-combustion.	G. J. E. Alphandéry.	821,149	May 22	4358	927	122	1149
Engines. Electric igniter for explosive.	G. J. Weber.	820,535	May 15	3079	663	122	807
Engines. Device for preventing back-firing in explosive.	G. Holloway.	825,835	July 10	2381	496	123	628
Engines. Device for regulating the electric spark of gasolene.	H. O. Phillips.	835,982	Nov. 13	2128	457	125	573
Engines. Double cylinder for gas.	W. L. Morrow.	832,268	Oct. 2	512	97	124	1337
Engines. Drill-bit-rotating mechanism for rock-drilling.	J. G. Leyner.	816,021	Mar. 27	4134	876	121	1058
Engines driving blast and like apparatus. Means for regulating explosion.	H. Richter.	824,743	July 3	87	17	123	26
Engines. Electric sparking mechanism for explosive.	H. A. Frantz.	831,274	Sept. 18	2776	585	124	753
Engines. Electrical igniter for internal-combustion.	W. H. Walter.	812,622	Feb. 13	2225	484	120	2017
Engines. Fuel mixing and regulating device for gas.	H. J. Smith.	832,089	Oct. 2	123	27	124	1242
Engines. Furnace arrangement of steam.	E. Klumm.	837,848	Dec. 4	1124	251	125	1634
Engines. Generating apparatus for heat.	S. A. Reeve.	838,451	Dec. 11	2339	508	125	1978
Engines. High-tension current-distributor for internal-combustion.	L. J. Le Pontois.	809,493	Jan. 9	1721	355	120	411
Engines. Ignition device for explosion.	A. Clément.	836,093	Nov. 20	2339	494	125	680
Engines. Incandescent igniter for use with internal-combustion.	J. W. Seal.	813,456	Feb. 27	3872	849	120	2474
Engines. Lighter-bar frame for rag.	E. A. Peterson.	836,459	Nov. 20	3107	659	125	864
Engines. Magnetic ignition device for explosion.	H. W. Hellmann.	832,189	Oct. 2	344	64	124	1296
Engines. Means for cooling internal-combustion.	F. H. Bogart.	818,735	Apr. 24	4383	938-9	121	2479
Engines. Means for regulating the speed of internal-combustion.	J. Grouvelle and H. Arquembourg.	832,901	Oct. 9	1787	369	124	1683
Engines. Means for reversing and controlling internal-combustion.	J. W. Slater.	828,064	Aug. 7	758	156	123	1858
Engines. Mixing and combining device for gas.	L. J. Marks.	819,239	May 1	413	87	122	97
Engines. Nozzle for turbine.	H. Lentz.	813,806	Feb. 27	4550	1006	120	2623
Engines. Relief for explosive-gas.	P. P. G. Hall, Jr.	821,410	May 22	4886	1037	122	1266
Engines. Rotary head for rotary.	N. R. Smith and P. A. Talbot.	833,698	Oct. 16	3406	725	124	2126
Engines. Spark-ignition system for explosion.	R. Varley.	808,958	Jan. 2	680	148	120	151
Engines. Submerged exhaust device for marine.	H. N. Goodwin.	818,951	Apr. 24	4799	1032	121	2570
Engines. Supply-controlling mechanism for gas.	F. K. De la Saulx.	817,193	Apr. 10	1283	266	121	1703
Engines. Vaporizing device for internal-combustion.	B. Garlius.	820,408	May 15	2806	611	122	747
Engineer's alarm.	E. McClintock.	839,505	Dec. 25	4426	945	125	2578
Engineer's alarm. Locomotive.	E. McClintock.	831,025	Sept. 11	2240	473-4	124	591
Engineers and conductors. Device for delivering messages to.	W. H. Diener.	826,020	July 17	2728	565	123	730
Engraver's tool.	T. Ackley.	815,892	Mar. 20	3883	821	121	951
Engraving apparatus.	J. P. Stevens.	810,990	Jan. 30	4857	1011	120	1215
Engraving-machine.	E. Terrell.	815,233	Mar. 13	2487	518	121	601
Engraving-machine.	W. S. Eaton.	816,307	Mar. 27	4702	998	121	1181
Engraving-machine.	P. V. Avril.	818,137	Apr. 17	3169	680-1	121	2165
Engraving-machine.	P. V. Avril.	818,138	Apr. 17	3172	681-3	121	2166
Engraving-machine.	P. V. Avril.	818,139	Apr. 17	3177	683-4	121	2166
Engraving-machine.	A. E. Francis.	829,771	Aug. 28	4281	905	123	2845
Engraving-machine. Die.	A. J. Loepsinger.	814,611	Mar. 6	1215	255	121	263
Engraving-machine. Pantographic.	J. W. Lewis.	839,011	Dec. 18	3382	730-2	125	2275
Engraving-machine tracer and tool.	M. Barr.	816,700	Apr. 3	306	71	121	1428
Engraving-machines. Holder or quill for holding the rotating tools of.	M. Barr.	818,993	Apr. 24	4879	1048	121	2586
Enlargements. Making half-tone.	V. Lamb.	820,053	May 8	2100	458	122	531
Enseam-trimming machine.	J. W. Reiley.	825,278	July 3	1165	246	123	303
Envelop.	J. H. Gregg and A. J. Williams.	821,484	May 22	5028	1071	122	1296
Envelop.	M. M. Cohn.	824,908	July 3	467	91	123	124
Envelop.	M. M. Cohn.	835,850	Nov. 13	1902	403	125	522
Envelop.	H. E. Jackson.	837,228	Nov. 27	4659	990	125	1283
Envelop and box. Safety.	W. H. Dobson and W. Gallagher.	838,964	Dec. 18	3300	713	125	2254
Envelop and letter-paper. Combined.	A. B. Magoun.	810,658	Jan. 23	4189	865	120	1036
Envelop and letter-paper. Combined.	A. B. Magoun.	813,725	Feb. 27	4396	970	120	2590
Envelop and letter-sheet. Combined.	W. A. Pridmore.	831,990	Sept. 25	4217	881	124	1159
Envelop and message-blank. Combination.	W. H. Bassinger.	818,657	Apr. 24	4228	909	121	2446
Envelop and message-blank. Combination.	F. A. Nichols.	830,844	Sept. 11	1925	403	124	517
Envelop and package fastener.	E. C. Riddle.	837,906	Dec. 4	1236	272	125	1661
Envelop and souvenir-album. Combined.	W. S. Hawes.	814,843	Mar. 13	1698	355	121	429
Envelop and the like closure.	T. J. Gorman.	828,847	Aug. 14	2307	491	123	2274
Envelop-closing machine.	C. O. Liljeros.	822,616	June 5	775	157-8	122	1899
Envelop feeding, moistening, and sealing machine. Automatic.	J. Johnston.	821,501	May 22	5054	1076-7	122	1302
Envelop for sensitized plates. Light-proof.	A. A. Brooks and G. A. Watson.	819,494	May 1	748	158	122	170
Envelop-machine.	S. A. F. and R. M. Grant.	829,583	Aug. 28	3874	821-2	123	2745
Envelop-machine folding mechanism.	B. Pahlitzsch.	821,529	May 22	5103	1087-8	122	1312
Envelop-machines. Feed device for.	U. C. Davis.	837,452	Dec. 4	349	82-3	125	1443
Envelop. Mailing.	J. Sawdon.	817,874	Apr. 17	2642	574	121	2048
Envelop. Mailing.	J. Neihysel.	821,666	May 29	5378	1147	122	1428
Envelop-marker.	E. L. Keeran and C. H. Lewis.	832,260	Oct. 2	494	93	124	1332
Envelop-opener.	J. Rindsberg.	838,750	Dec. 18	2918	629	125	2164
Envelop. Return.	D. T. Boston.	827,208	July 31	5170	1072	123	1372
Envelop. Safety.	J. Pellerin.	810,804	Jan. 23	4462	927	120	1096
Envelop. Safety.	H. P. Roberts.	811,092	Jan. 30	5029	1050	120	1253

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. E.	Vol.	Page.
Envelop. Safety.....	M. Niegmann.....	826,737	July 24	4187	869	123	1110
Envelop-stacker.....	R. H. Strong.....	818,924	Apr. 24	4745	1019-20	121	2557
Envelop. Two-compartment.....	L. R. Swett.....	810,585	Jan. 23	4056	835	120	1006
Envelops. Manufacture of bottle-	C. B. E. Henke and G. A. H. Schulte.	809,299	Jan. 9	1383	281	120	340
Equalizer. Four-horse.....	C. H. Matlock.....	813,567	Feb. 27	4108	900	120	2529
Eraser.....	E. G. Dann.....	817,838	Apr. 17	2562	550	121	2031
Eraser.....	F. M. Burrows.....	823,918	June 19	3368	718	122	2570
Eraser.....	W. H. Weguelin.....	834,783	Oct. 30	5800	1231	124	2813
Eraser and brush. Combined.....	J. H. Uzzmann, Jr.....	831,199	Sept. 18	2617	551	124	710
Eraser. Blackboard.....	F. E. Cardy.....	835,275	Nov. 6	801	167	125	202
Eraser-cleaning apparatus.....	R. W. Shannon and A. G. Milligan.	830,377	Sept. 4	967	201	124	238
Eraser-holder.....	F. W. Hayes.....	809,056	Jan. 2	856	181	120	189
Eraser protector. Rubber.....	W. N. Crisp.....	829,327	Aug. 21	3318	698	123	2562
Eraser. Rubber.....	A. Brauns.....	814,899	Mar. 13	1789	374	121	448
Eraser-tip for lead-pencils, penholders, pencil-point protectors, and the like.	F. McIntyre.....	824,375	June 26	4242	904	122	2813
Erasers. Means of attachment for.....	C. H. Tupper.....	814,413	Mar. 6	853	176	121	185
Erosion-meter.....	H. Maxim.....	829,117	Aug. 21	2873	603	123	2452
Escapement mechanism.....	G. W. Downing.....	826,483	July 17	3629	755-6	123	948
Etching-machine.....	R. C. Kroll.....	834,144	Oct. 23	4514	958-9	124	2446
Etching on zinc by electrolysis. Deep.....	O. C. and H. H. Strecker.....	815,875	Mar. 20	3848		121	942
Ether mixture for disinfecting.....	T. Bargiela, J. P. Mislowsky, A. Caricchia, and L. E. Odio.	812,631	Feb. 13	2243		120	2021
Ether-receptacles and the like. Closure for.....	R. H. Ferguson.....	838,969	Dec. 18	3307	715	125	2255
Evaporating apparatus.....	F. D. Smith.....	828,343	Aug. 14	1321	280	123	2022
Evaporating apparatus.....	J. A. Warren.....	828,524	Aug. 14	1683	355	123	2115
Evaporating liquids.....	A. P. Geer.....	819,697	May 1	1304	284	122	293
Evaporating-pan.....	J. P. Golden.....	813,089	Feb. 20	3131	686	120	2258
Evaporator.....	F. Scherr.....	828,685	Aug. 14	1989	419	123	2194
Evaporator.....	J. L. Smith.....	831,572	Sept. 25	3361	706	124	936
Evener.....	C. W. Moe and C. H. Norblom.....	836,197	Nov. 20	2575	543	125	735
Evener and doubletree carrier.....	A. E. Crouse and F. B. Orton.....	838,847	Dec. 18	3105	668-9	125	2210
Evener. Interchangeable.....	J. W. Gamble.....	829,394	Aug. 28	3454	726-7	123	2640
Excavating and conveying system.....	E. B. Merry.....	825,743	July 10	2211	461-2	123	585
Excavating and ditching machine.....	J. K. Sweeny.....	820,152	May 8	2304	503-4	122	576
Excavating and grading machine. Universal.....	W. Gilmore.....	823,855	June 19	3254	689-90	122	2545
Excavating and loading apparatus.....	G. Snook.....	823,431	Aug. 14	1490	313-14	123	2065
Excavating and loading machine.....	D. H. Mahoney.....	830,090	Sept. 4	362	72-3	124	88
Excavating apparatus.....	P. H. White.....	821,271	May 22	4581	975	122	1198
Excavating apparatus.....	G. H. Dunlop, Jr.....	825,200	July 3	1011	215	123	264
Excavating apparatus.....	R. B. Page.....	825,553	July 10	1790	378	123	479
Excavating apparatus.....	L. Mayer.....	835,029	Nov. 6	308	66	125	79
Excavating apparatus. Tunnel.....	J. C. Meem.....	819,443	May 1	823	177	122	185
Excavating-bucket.....	H. Channon.....	832,894	Oct. 9	1774	365-6	124	1679
Excavating-cutter.....	J. B. Cantwell.....	819,723	May 8	1365	295	122	366
Excavating device.....	J. Austin.....	827,406	July 31	5546	1153-4	123	1464
Excavating-dipper.....	J. H. W. Libbe.....	822,529	June 5	587	118	122	1856
Excavating, ditching, and grading machine.....	C. C. Hutchinson.....	834,729	Oct. 30	5689	1203-4	124	2782
Excavating-machine.....	A. F. Huber.....	809,689	Jan. 9	2190	453-4	120	513
Excavating-machine.....	C. C. Jacobs. (Reissue).....	12,441	Jan. 30	5882	1235-4	120	1434
Excavating-machine.....	T. H. Walker.....	813,393	Feb. 20	3733	820	120	2384
Excavating-machine.....	J. B. Gordon.....	818,952	Apr. 24	4801	1032	121	2570
Excavating-machine.....	J. Helm.....	821,413	May 22	4890	1038-9	122	1267
Excavating-machine.....	A. J. Duccellier.....	824,531	June 26	4563	969-71	122	2883
Excavating-machine.....	P. Poulson.....	824,740	July 3	75	15-16	123	23
Excavating-machine.....	C. Kerr.....	825,658	July 10	2050	428	123	547
Excavating-machine.....	C. C. Jacobs.....	829,214	Aug. 21	3090	649-50	123	2506
Excavating-machine.....	E. A. Mathers.....	829,882	Aug. 28	4501	949-50	123	2898
Excavating-machine.....	C. C. Jacobs.....	832,609	Oct. 9	1191	238-41	124	1542
Excavating-machine.....	J. W. T. Stephens.....	838,663	Dec. 18	2766	592-3	125	2127
Excavating-machine buckets. Cleaner for.....	H. Pike.....	833,749	Oct. 23	3502	747	124	2197
Excavating machinery.....	W. Ferris.....	826,096	July 17	2884	598-9	123	767
Excavating machinery.....	W. Ferris.....	836,249	Nov. 20	2689	571-2	125	765
Excavating-scoop.....	O. M. Briley.....	834,358	Oct. 30	4947	1048	124	2599
Excavating-scoop.....	J. W. Page.....	838,892	Dec. 18	3182	686	125	2227
Excavating-shovel.....	J. W. Page.....	839,026	Dec. 18	3420	738	125	2286
Excavator.....	F. F. Collath.....	808,636	Jan. 2	32	7	120	9
Excavator.....	W. R. Martin.....	813,566	Feb. 27	4104	900	120	2528
Excavator.....	A. M. Anderson.....	818,214	Apr. 17	3323	711-12	121	2198
Excavator.....	A. M. Anderson.....	818,215	Apr. 17	3327	712-13	121	2198
Excavator.....	J. H. W. Libbe.....	820,055	May 8	2102	459	122	532
Excavator.....	G. W. Nicolson.....	822,547	June 5	615	124	122	1862
Excavator.....	T. P. Payne.....	822,865	June 5	1257	259-60	122	2002
Excavator.....	J. G. Fairbanks and G. L. Sauer.....	822,935	June 12	1400	293	122	2080
Excavator.....	C. L. Payne.....	825,005	July 3	652	131-2	123	171
Excavator.....	W. E. Magie.....	825,549	July 10	1785	376	123	478
Excavator.....	W. R. Martin.....	827,457	July 31	5690	1178	123	1499
Excavator.....	G. W. King.....	836,118	Nov. 20	2396	506-8	125	693
Excavator and conveyer. Automatically-anchoring.....	E. M. Reese.....	821,743	May 29	5547	1181-2	122	1466
Excavator and conveyer. Combined.....	A. G. Cameron.....	833,300	Oct. 16	2595	542-3	124	1934
Excavator-dipper.....	W. H. Bates.....	830,959	Sept. 11	2120	448	124	562
Excavator-dippers. Ejector for.....	C. Strom.....	838,914	Dec. 18	3221	696	125	2235
Excavator-dippers. Latching mechanism for.....	M. O'Connor.....	809,209	Jan. 2	1156	240	120	254
Excavator-shovel.....	T. Alexander.....	816,057	Mar. 27	4211	893	121	1075
Excavator-shovel.....	L. W. Connell.....	827,144	July 31	5031	1048	123	1336
Excavator. Twin-bucket.....	C. C. Jacobs.....	838,335	Dec. 11	2126	459-60	125	1927
Excavators, dredges, and the like. Operating mechanism for.....	W. Ferris and F. E. Bager.....	816,573	Apr. 3	33	9-10	121	1361
Excelsior-cutting machine.....	W. H. Niemeyer.....	823,432	June 12	2414	508-9	122	2301
Excelsior from broom-corn clippings. Making.....	S. K. Wilson.....	823,573	June 19	2723		122	2427
Excelsior-making machine.....	J. A. Manning.....	832,687	Oct. 9	1351	273	124	1577
Exchange-selector. Automatic.....	C. D. Enoch.....	820,187	May 8	2372	515-16	122	590
Exercise apparatus. Physical.....	J. H. Rigbey.....	835,035	Nov. 6	317	68	125	81
Exercising apparatus.....	J. C. A. Thouvery.....	819,472	May 1	878	191	122	196
Exercising apparatus.....	J. S. Addleman.....	837,270	Dec. 4	1	1	125	1355

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Exercising apparatus.....	A. P. Schmidt.....	839,040	Dec. 18	3446	745	125	2291
Exercising apparatus.....	C. J. Bailey.....	829,754	Aug. 28	4225	895	123	2850
Exercising apparatus for children.....	S. E. Wiltse.....	821,391	May 22	4843	1028	122	1256
Exercising apparatus for correcting deformities.....	F. Langel.....	828,221	Aug. 7	1042	219	123	1925
Exercising apparatus. Handle or grip of dumb-bells or other.....	H. Fairbrother.....	808,737	Jan. 2	233	50	120	53
Exercising-bag.....	W. G. Wood.....	827,490	July 31	5807	1204	123	1525
Exercising-bag.....	W. G. Wood.....	827,596	July 31	6007	1250	123	1574
Exercising device.....	T. R. Geisel.....	818,242	Apr. 17	3387	727	121	2210
Exercising device.....	F. Pellissier.....	826,879	July 24	4464	929	123	1179
Exercising device. Hand.....	J. E. Thompson.....	835,873	Nov. 13	1943	411	125	530
Exercising device. Physical.....	I. O. Russell.....	820,017	May 8	2021	443	122	513
Exercising-machine.....	R. W. Blaisdell.....	816,957	Apr. 3	827	169	121	1541
Exhaust. Automatic.....	W. Cooper.....	819,002	Apr. 24	4894	1051	121	2590
Exhauster. Rotary.....	J. Sharp.....	812,688	Feb. 13	2342	512	120	2040
Exhibiting apparatus. Lace-curtain.....	J. F. Mumford.....	813,165	Feb. 20	3291	723-4	120	2293
Exhibiting device.....	B. Chamberlain.....	837,545	Dec. 4	522	121	125	1486
Exhibiting machine. Card.....	W. B. and B. L. Coats.....	826,228	July 17	3131	650	123	824
Exhibiting-machines. Clutch mechanism for.....	J. C. Liebhardt.....	817,178	Apr. 10	1250	258-9	121	1697
Exhibition and amusement apparatus.....	M. E. Pester.....	824,436	June 26	4378	931	122	2840
Exhibition-board.....	D. Haar.....	814,372	Mar. 6	757	152	121	168
Exhibition hat-case.....	H. Hefty.....	825,388	July 10	1412	295	123	385
Exhibitor. Merchandise.....	O. Jaeger.....	826,251	July 17	3165	657	123	832
Expanding table.....	M. G. de Simone.....	829,439	Aug. 28	3543	742-3	123	2663
Expansive bit.....	S. H. Tucker.....	818,062	Apr. 17	3013	652	121	2131
Expansion apparatus. Linear.....	L. E. Knott.....	829,405	Aug. 28	3471	730	123	2645
Expansion-bit.....	W. B. Swan.....	834,593	Oct. 30	5395	1144	124	2711
Expansion-bolt.....	D. W. Bennett.....	839,705	Dec. 25	4824	1031	125	2675
Expansion-controlled apparatus.....	S. W. Boulton.....	810,255	Jan. 16	3329	691	120	809
Expansion clamp device.....	F. de Morsier.....	811,163	Jan. 30	5195	1085	120	1287
Exploder. Repeating.....	R. D. Simpson.....	820,070	May 8	2145	467	122	542
Explosion-engine.....	G. Petzel.....	809,841	Jan. 9	2459	510-11	120	573
Explosion-engine.....	H. Heinrich.....	810,535	Jan. 23	3953	813-14	120	985
Explosion-engine.....	R. Hartwig.....	814,287	Mar. 6	555	116	121	119
Explosion-engine.....	H. D. Dibble.....	824,528	June 26	4554	968	122	2882
Explosive.....	F. Sparre.....	812,958	Feb. 20	2883		120	2204
Explosive.....	F. Sparre.....	812,959	Feb. 20	2885		120	2205
Explosive.....	L. Barthélemy.....	829,362	Aug. 21	3389		123	2579
Explosive.....	C. E. Bichel.....	839,450	Dec. 25	4303		125	2549
Explosive. Chlorated.....	L. Thomas.....	826,389	July 17	3426		123	897
Explosive compound.....	R. Escales.....	812,195	Feb. 13	1382		120	1841
Explosive compound.....	G. M. Hathaway.....	815,821	Mar. 20	3723		121	917
Explosive compound.....	M. S. Talbot.....	816,830	Apr. 3	555		121	1480
Explosive-engine.....	J. F. Johnson.....	809,185	Jan. 2	1104	230	120	243
Explosive-engine.....	J. A. Williams.....	811,809	Feb. 6	517	115	120	1595
Explosive-engine.....	J. A. Williams.....	811,888	Feb. 6	679	149	120	1629
Explosive-engine.....	G. Pendleton.....	813,736	Feb. 27	4415	973	120	2504
Explosive-engine.....	H. K. Shanck.....	813,746	Feb. 27	4433	978-9	120	2598
Explosive-engine.....	T. J. Lutz, Jr.....	816,109	Mar. 27	4318	915	121	1099
Explosive-engine.....	J. F. Crowley.....	820,626	May 15	3233	695-6	122	840
Explosive-engine.....	J. M. Morrison.....	821,370	May 22	4796	1019	122	1247
Explosive-engine.....	E. J. Woolf.....	824,396	June 26	4281	912-13	122	2820
Explosive-engine.....	M. C. Kessler.....	824,936	July 3	519	102-3	123	138
Explosive-engine.....	W. W. Henderson.....	826,101	July 17	2894	600-1	123	770
Explosive-engine.....	H. A. Frantz.....	830,144	Sept. 4	485	98-9	124	123
Explosive-engine.....	H. Dock.....	831,044	Sept. 18	2295	485	124	639
Explosive-engine.....	F. A. Jahr.....	831,286	Sept. 18	2803	591	124	760
Explosive-engine.....	J. F. Jensen.....	835,908	Nov. 13	2009	427	125	546
Explosive-engine. Cam-movement.....	P. K. Stern.....	809,333	Jan. 9	1452	294	120	353
Explosive-engine. Double-acting.....	J. W. Kyle and J. W. Hicks.....	809,451	Jan. 9	1714	353-4	120	409
Explosive-engine igniter.....	J. Boyle.....	827,904	Aug. 7	406	87	123	1771
Explosive-engine. Multiple-piston.....	C. T. Hildebrandt.....	811,220	Jan. 30	5307	1110	120	1312
Explosive fluids. Safety-reservoir for.....	C. J. Coleman.....	822,826	June 5	1177	242	122	1986
Explosive-mixer.....	H. Auchu.....	833,658	Oct. 16	3322	707	124	2107
Explosives. Completely exploding high.....	H. von Dahmen.....	818,399	Apr. 24	4776		121	2564
Explosives. Manufacture of.....	G. W. Gentile.....	832,605	Oct. 9	1182	237	124	1540
Exposure appliance.....	A. Leistenschneider.....	818,543	Apr. 24	3993	856-7	121	2393
Extensible bracket.....	F. L. Demartini.....	823,588	June 19	2752	583	122	2433
Extensible handle.....	D. Lawson.....	808,992	Jan. 2	740	160	120	163
Extension and other table.....	R. L. Richardson.....	819,802	May 8	1538	326-7	122	406
Extension-table.....	C. H. Goller.....	816,791	Apr. 3	468	105	121	1461
Extension-table.....	J. K. Rishel.....	820,737	May 15	3449	739	122	887
Extension-table.....	C. E. Nash.....	821,955	May 29	5952	1268	122	1556
Extension-table.....	T. M. McKee.....	822,901	June 5	1330	275	122	2016
Extension-table.....	F. J. and J. T. Seng.....	827,944	Aug. 7	495	102	123	1795
Extension-table.....	G. Behm.....	830,042	Sept. 4	262	53	124	64
Extension-table.....	S. W. Whonn.....	834,428	Oct. 30	5089	1080-1	124	2633
Extension-table.....	C. H. Goller.....	835,609	Nov. 13	1461	312-13	125	413
Extension-table.....	J. C. Holm.....	835,790	Nov. 13	1793	380	125	497
Extension-table.....	J. Mitchell.....	835,973	Nov. 13	2114	454	125	570
Extension-table. Circular.....	J. E. Turner.....	838,671	Dec. 18	2785	597	125	2131
Extension-table. Folding.....	C. M. Langhorne.....	824,186	June 26	3866	825	122	2735
Extensometer.....	W. Cantelo.....	812,181	Feb. 13	1352	295	120	1833
Exterminator: See Boll-weevil exterminator.....	J. D. Harris.....	814,131	Mar. 6	257	50	121	57
Extinguisher.....	A. Haslinger.....	809,055	Jan. 2	855	181	120	189
Extraction vessel.....	C. M. Chamberlain.....	814,940	Mar. 13	1861	390	121	464
Extractor: See Bolt or nail extractor. Shell-extractor. Clinker-extractor. Spike-extractor. Cork-extractor. Spoke-extractor. Nail-extractor. Staple-extractor. Oil-extractor. Stopper-extractor. Piano-hammer extrac- Stump-extractor. tor. Weed-extractor.	J. F. Dowling.....	832,045	Oct. 2	37	9	124	1221

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Extractor support. Centrifugal.	G. Binder.	811,363	Jan. 30	5580	1165	120	1371
Eye. Artificial.	E. Müller.	826,047	July 17	2779	576	123	741
Eye-bath cup. Fountain.	F. A. Magill.	830,608	Sept. 11	1437	299	124	384
Eye for garment-hooks. Sheet-metal.	G. E. Barber.	827,841	Aug. 7	299	62	123	1744
Eye-testing instrument.	W. A. Bates.	824,900	July 3	451	89	123	121
Eyeglass.	N. A. Vurgason.	839,344	Dec. 25	4089	878	125	2496
Eyeglass and spectacle mounting.	E. J. George.	829,264	Aug. 21	3194	671	123	2531
Eyeglass and spectacle mounting. Combined.	C. A. Hoffman.	815,827	Mar. 20	3745	787	121	922
Eyeglass attachment.	H. B. Wood.	825,789	July 10	2297	478	123	606
Eyeglass attachment.	A. A. Petit.	838,271	Dec. 11	2019	435	125	1898
Eyeglass-bridge.	W. H. Ely.	814,194	Mar. 6	373	76	121	81
Eyeglass-case. Waterproof.	M. Davidson.	811,487	Jan. 30	5790	1212	120	1414
Eyeglass-cases. Machine for covering.	F. A. Tibbals.	821,900	May 29	5844	1242	122	1534
Eyeglass-cases. Machine for lining.	F. A. Tibbals.	821,901	May 29	5846	1242	122	1535
Eyeglass-cleaner.	H. C. Fosberg.	816,227	Mar. 27	4547	967	121	1147
Eyeglass connection.	S. N. Stone.	836,057	Nov. 13	2253	482	125	605
Eyeglass-fastener.	D. W. Kolle.	833,531	Oct. 16	3072	652	124	2048
Eyeglass-fitting.	G. A. Stiles.	815,487	Mar. 20	3028	632	121	767
Eyeglass-guard.	C. Goodwin.	809,368	Jan. 9	1530	311	120	371
Eyeglass-guard.	W. G. Hahn.	825,314	July 10	1253	264	123	344
Eyeglass-guard.	L. A. Hines.	825,650	July 10	2024	423	123	540
Eyeglass-guard.	C. H. Carnes.	828,924	Aug. 21	2473	524	123	2348
Eyeglass-guard.	L. F. Add.	836,076	Nov. 20	2305	489	125	673
Eyeglass-holder.	M. J. Russell.	818,297	Apr. 17	3492	750	121	2233
Eyeglass-holder.	E. B. Meyrowitz.	823,133	June 12	1825	377	122	2173
Eyeglass-lens.	S. Slagle.	815,648	Mar. 20	3348	701	121	837
Eyeglass-mounting.	G. W. Wells.	809,156	Jan. 2	1054	218	120	231
Eyeglass-mounting.	H. A. Seidel.	811,960	Feb. 6	859	189	120	1664
Eyeglass-mounting.	E. M. Card.	812,113	Feb. 6	1154	253	120	1723
Eyeglass-mounting.	A. S. Weaver.	818,006	Apr. 17	2907	627	121	2110
Eyeglass-mounting.	C. A. Hoffman.	820,494	May 15	2981	644	122	785
Eyeglass-mounting.	C. F. Wall.	824,607	June 26	4722	1005	122	2917
Eyeglass-mounting.	G. W. Wells.	828,913	Aug. 21	2454	521	123	2343
Eyeglass-mounting.	W. E. Arnold.	836,236	Nov. 20	2649	558	125	755
Eyeglass-mounting.	E. F. McKee and E. Oftedahl.	836,599	Nov. 20	3356	715	125	926
Eyeglass nose-guard.	A. M. Ward.	830,120	Sept. 4	446	90	124	113
Eyeglass-retainer.	W. S. Anderson.	836,796	Nov. 27	3805	810	125	1076
Eyeglass-spring.	J. S. Galeski.	830,658	Sept. 11	1564	322	124	421
Eyeglass spring and attachment.	W. D. Fennimore.	826,236	July 17	3140	652	123	827
Eyeglasses.	E. B. Meyrowitz.	809,001	Jan. 2	753	163	120	166
Eyeglasses.	W. E. Cawood.	810,368	Jan. 16	3572	734	120	864
Eyeglasses.	J. C. Wells.	813,030	Feb. 20	3015	96	121	2232
Eyeglasses.	W. H. Weaser.	816,766	Apr. 3	426	96	121	1452
Eyeglasses.	L. F. Add.	816,837	Apr. 3	574	120	121	1486
Eyeglasses.	G. L. Williams.	818,325	Apr. 17	3547	760	121	2244
Eyeglasses.	J. C. Wells.	818,720	Apr. 24	4353	933	121	2473
Eyeglasses.	J. Kovacs.	821,649	May 29	5348	1140	122	1433
Eyeglasses.	E. C. Bernheim.	824,617	June 26	4742	1010	122	2921
Eyeglasses.	E. B. Meyrowitz.	824,944	July 3	536	106	123	143
Eyeglasses.	E. P. Sawtelle.	827,185	July 31	5132	1066	123	1362
Eyeglasses.	A. A. Low.	827,740	Aug. 7	92	19	123	1693
Eyeglasses.	L. L. Stone.	828,253	Aug. 7	1092	230	123	1936
Eyeglasses.	H. Engel.	829,639	Aug. 28	3997	846	123	2776
Eyeglasses.	R. S. Blair.	830,405	Sept. 4	1022	214	124	252
Eyeglasses.	S. Stevens.	831,117	Sept. 18	2471	522	124	677
Eyeglasses.	D. E. Lewis.	832,489	Oct. 2	946	187	124	1440
Eyeglasses.	F. W. Nolte.	832,743	Oct. 9	1458	294	124	1604
Eyeglasses.	E. B. Meyrowitz.	833,077	Oct. 9	2119	446	124	1765
Eyeglasses.	E. C. Bernheim.	833,289	Oct. 16	2576	538.	124	1929
Eyeglasses.	O. J. Pettinger.	833,624	Oct. 16	3265	695	124	2094
Eyeglasses.	C. F. Beckwith.	834,655	Oct. 30	5531	1174	124	2747
Eyeglasses.	C. H. Brown.	835,299	Nov. 6	846	178	125	214
Eyeglasses.	G. A. Layton.	837,081	Nov. 27	4390	931	125	1216
Eyeglasses. Adhesive guard for.	E. J. George.	826,563	July 24	3850	797	123	1024
Eyeglasses and spectacles.	J. Kovacs.	809,702	Jan. 9	2209	457	120	518
Eyeglasses and spectacles.	G. A. Griffin.	829,268	Aug. 21	3201	672	123	2533
Eyeglasses. Lens-mount and connection for.	L. F. Add.	816,838	Apr. 3	576	120	121	1487
Eyeglasses. Lens-mount and connection for.	L. F. Add.	816,839	Apr. 3	578	120	121	1487
Eyeglasses. Lens-mounting for.	J. R. Van Tassel.	833,493	Oct. 16	3005	638	124	2031
Eyeglasses. Pince-nez.	H. Brinkhaus.	828,812	Aug. 14	2232	475	123	2256
Eyesight. Apparatus for indicating defective.	J. J. Wood.	837,368	Dec. 4	185	47	125	1402
Eyelet.	A. C. Nichols.	813,575	Feb. 27	4122	903	120	2531
Eyelet.	G. A. Langmaid.	826,672	July 24	4067	842	123	1082
Eyelet.	J. P. Brooks.	836,857	Nov. 27	3907	834	125	1100
Eyelet. Lacing.	H. B. Keller.	830,902	Sept. 11	2025	426	124	540
Eyeteing envelops, tags, or the like. Machine for.	C. H. Andrews.	823,021	June 12	1584	328-9	122	2123
Fabric:							
See Air-goods fabric.	Mattress or couch fabric.						
Bed-bottom fabric.	ric.						
Carpet fabric.	Metal open-work fabric.						
Cork fabric.	Metallic fabric.						
Feather fabric.	Pile fabric.						
Fence fabric.	Stitched fabric.						
Heat-resisting fabric.	Waterproof fabric.						
Knitted fabric.	Woven fabric.						
Lace fabric.							
Fabric-cleaning machine.	A. Olson.	831,294	Sept. 18	2818	594-5	124	763
Fabric-coating machine.	R. Falter.	836,743	Nov. 27	3702	790	125	1047
Fabric containing haircloth.	G. Goldman.	810,933	Jan. 30	4744	989	120	1190
Fabric containing haircloth. Making.	G. Goldman.	810,934	Jan. 30	4746		120	1190
Fabric-folding machine.	M. Isaacs and M. Pellar.	819,548	May 1	1009	221	122	227
Fabric-folding machine. Woven.	M. A. Gutte.	819,991	May 8	1953	432	122	496
Fabric-guiding apparatus.	A. Wood.	837,367	Dec. 4	181	43-5	125	1402
Fabric-holding frame.	H. Hochreutener.	826,853	July 24	4409	918	123	1166
Fabric-holding frame. Net.	S. Windecker.	819,109	May 1	150	31	122	38
Fabric. Machine for making interposed.	J. C. Perry.	814,393	Mar. 6	806	165-7	121	177
Fabric. Machine for shrinking.	L. H. Carleton and M. M. Brooks.	828,017	Aug. 7	657	134-5	123	1833

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Fabric. Method and apparatus for coating bands of.	F. C. Wickel.....	815,664	Mar. 20	3371	705	121	843
Fabric opening, spreading, and stretching apparatus.	J. A. Sackville.....	829,805	Aug. 25	4346	918	123	2861
Textile-							
Fabric-roll protector.....	M. C. Ohnemus.....	825,239	July 3	1092	231	123	285
Fabric-scouring machine. Woven.....	C. Wilmsen.....	827,594	July 31	6002	1249	123	1573
Fabric-steaming apparatus.....	C. H. Fish.....	814,124	Mar. 6	249	47	121	55
Fabric to render it impervious. Treating.....	W. Spaulding.....	837,005	Nov. 27	4230		125	1176
Fabrics. Adjustable guiding mechanism for skewing bridge-threaded.....	E. T. and E. H. Marble.....	815,970	Mar. 27	4024	851-2	121	1032
Fabrics. Aging dyed.....	P. F. Vogel.....	810,312	Jan. 16	3456	714	120	838
Fabrics. Apparatus for repairing defects in textile.....	G. Oehler and T. Bauer.....	838,890	Dec. 18	3173	683-4	125	2225
Fabrics. Apparatus for treating textile.....	O. Obermaier.....	815,306	Mar. 13	2624	550	121	631
Fabrics. Apparatus for treating textile.....	W. D. West and V. Mauck.....	823,834	June 19	3215	679-80	122	2536
Fabrics. Apparatus for ungumming silk.....	P. Schmid.....	831,997	Sept. 25	4228	883-4	124	1161
Fabrics. Former for tubular.....	C. C. Shepard.....	824,212	June 26	3960	842	122	2749
Fabrics. Machine for cutting weft pile.....	O. Drey.....	827,430	July 31	5634	1166-7	123	1484
Fabrics. Machine for extracting threads from.....	H. C. Fischer.....	819,010	Apr. 24	4914	1055	121	2594
Fabrics, &c. Manufacture of woven.....	J. Florin.....	835,510	Nov. 13	1266		125	364
Fabrics. Ornamenting pile.....	O. S. Davies.....	819,412	May 1	762	163	122	172
Fabrics. Oxidizing.....	B. Cleff.....	810,394	Jan. 23	3668	754-6	120	919
Fabrics, &c. Producing lappet figures upon woven.....	W. K. Greer.....	830,223	Sept. 4	656	131	124	166
Fabrics with finely-comminuted materials. Machine for coating.....	H. Markus.....	813,564	Feb. 27	4101	899	120	2527
Face-plate. Adjustable.....	F. A. Borst.....	812,916	Feb. 20	2785	613	120	2182
Face-protector.....	W. C. Allen.....	825,170	July 3	963	203	123	251
Face-protector.....	A. Hendricks.....	833,926	Oct. 23	3922	831	124	2303
Face-shield.....	J. H. Ash.....	825,288	July 10	1187	252	123	328
Facing-tool.....	J. D. Mitchell.....	817,502	Apr. 10	1907	401	121	1835
Fan.....	C. F. Winch.....	818,804	Apr. 24	4531	968	121	2511
Fan.....	A. Pochyla.....	826,963	July 24	4614	961	123	1218
Fan.....	C. L. Hulsizer.....	835,433	Nov. 6	1129	243	125	284
Fan.....	D. T. Kendrick.....	835,761	Nov. 13	1735	370	125	480
Fan and motor for operating the same by compressed air.....	J. L. Creveling.....	827,509	July 31	5841	1210	123	1534
Fan and score-card. Combined.....	W. Steel.....	809,535	Jan. 9	1871	388-9	120	445
Fan. Centrifugal.....	W. E. Allington.....	828,592	Aug. 14	1813	382	123	2149
Fan. Electric.....	A. F. Becker.....	825,576	July 10	1832	390	123	489
Fan. Electric.....	H. D. Cessna.....	829,319	Aug. 21	3297	696	123	2555
Fan. Fly.....	P. F. Hodges.....	823,727	June 19	3008	637	122	2489
Fan-motor.....	C. R. Brock.....	814,267	Mar. 6	519	108	121	111
Fan-motor adapter.....	F. R. Kunkel.....	832,913	Oct. 9	1810	374	124	1687
Fan or pump and casing therefor. Centrifugal.....	S. C. Davidson.....	839,273	Dec. 25	3955	850	125	2462
Fan or pump. Centrifugal.....	S. C. Davidson.....	820,397	May 15	2782	603-4	122	743
Fan or pump. Centrifugal.....	S. C. Davidson.....	820,398	May 15	2786	605	122	743
Fan. Oscillating electric.....	H. S. Brown.....	809,356	Jan. 9	1501	304	120	365
Fan. Oscillating electric.....	G. Sittmann.....	810,174	Jan. 16	3142	650-1	120	771
Fan. Oscillating motor.....	R. E. Barker.....	819,630	May 1	1167	256	122	262
Fan. Pneumatic.....	J. L. Creveling.....	835,782	Nov. 13	1781	378	125	494
Fan. Portable.....	W. H. C. Bishop and G. L. Schop-pert.....	829,622	Aug. 28	3956	837	123	2765
Fan. Power.....	G. W. Weiss.....	814,998	Mar. 13	1980	417	121	485
Fan protective device. Ventilating.....	R. A. Ilg.....	831,284	Sept. 18	2800	590	124	759
Fan. Ventilating.....	A. Kündig-Honegger.....	837,627	Dec. 4	694	160	125	1527
Fan. Ventilating.....	L. L. Holladay.....	839,386	Dec. 25	4167	891	125	2515
Fans or pumps. Inlet-opening or eye of centrifugal.....	S. C. Davidson.....	820,399	May 15	2790	606	122	744
Fanning-mill.....	S. S. Lofberg.....	824,666	June 26	4829	1030	122	2940
Fare-receipt register. Conductor's cash.....	W. W. Kay.....	809,377	Jan. 9	1546	314-16	120	374
Fare-recorder.....	J. E. Ohmer.....	813,017	Feb. 20	2986	658	120	2226
Fare-register.....	W. W. Kay.....	809,378	Jan. 9	1556	316-18	120	376
Fare-register.....	A. H. Woodward.....	818,508	Apr. 24	3906	840-2	121	2375
Fare-register.....	C. E. Gierding.....	833,040	Oct. 9	2041	420-30	124	1743
Fare-register.....	C. E. Gierding.....	833,041	Oct. 9	2046	430-1	124	1744
Fare-register.....	C. E. Gierding.....	834,118	Oct. 23	4452	947	124	2426
Fare-register.....	C. E. Gierding.....	834,119	Oct. 23	4458	948	124	2428
Fare register and recorder.....	W. I. Ohmer, J. W. Hill, D. B. Whistler, and J. E. McAllister.....	839,630	Dec. 25	4663	993-1000	125	2636
Fare-register bell mechanism.....	C. E. Gierding.....	834,120	Oct. 23	4469	948-9	124	2434
Fare-register handle. Removable.....	W. G. Kirchhoff.....	830,791	Sept. 11	1826	380	124	490
Fare-register-operating device.....	J. A. Stowe.....	830,748	Sept. 11	1758	302	124	474
Fare-register-operating mechanism.....	D. B. Whistler.....	839,684	Dec. 25	4777	1021-2	125	2662
Fare-register-operating mechanism.....	D. B. Whistler.....	839,685	Dec. 25	4782	1022-3	125	2664
Farm-gate.....	C. R. Price.....	808,869	Jan. 2	469	103	120	104
Farm-gate.....	J. A. Myers.....	810,213	Jan. 16	3240	671	120	791
Farm-gate.....	C. E. Sargent.....	822,156	May 29	6355	1347-8	122	1646
Farm-gate.....	C. H. Hunt.....	825,322	July 10	1270	267-8	123	348
Farm-gate.....	J. W. Sherwood.....	830,181	Sept. 4	552	113	124	140
Farm-gate.....	D. Reddin.....	831,993	Sept. 25	4221	882	124	1159
Farm-tool.....	O. M. Henkel.....	838,405	Dec. 11	2262	489	125	1958
Farming implement.....	E. Haiman.....	815,698	Mar. 20	3452	720-1	121	861
Farrier's tool.....	J. Kas.....	812,750	Feb. 13	2460	540	120	2065
Fascine.....	H. F. Kellner.....	812,045	Feb. 6	1032	225	120	1699
Fascine. Continuous.....	J. Whitney.....	825,996	July 17	2684	556	123	719
Fastener.....	H. S. Hanstine and J. F. Thompson.....	814,445	Mar. 6	905	186	121	197
Fastener.....	F. R. White.....	821,006	May 22	4070	866	122	1085
Fastener.....	F. R. White.....	821,007	May 22	4071	866	122	1086
Fastener.....	E. B. Stimpson.....	831,901	Sept. 25	4060	845	124	1120
Fastener.....	G. A. Holmes.....	834,808	Oct. 30	5845	1240	124	2825
Fastener.....	I. M. Sylvester.....	839,047	Dec. 18	3463	748	125	2297
Fastener and button. Detachable.....	J. Pincus.....	811,661	Feb. 6	246	54	120	1539
Fastener. Sash-cord.....	W. and W. F. Lear.....	827,103	July 31	4925	1028	123	1307
Fastener. Separable.....	G. E. Wright.....	834,858	Oct. 30	5947	1263	124	2851
Fasteners. Machine for driving.....	A. F. Preston.....	820,670	May 15	3319	712-13	122	858
Fastening. Adjustable.....	E. E. Slick.....	833,007	Oct. 9	1979	413	124	1728
Fastening device.....	E. Wötzel.....	809,351	Jan. 9	1494	302	120	364
Fastening device.....	F. A. Freeman.....	811,494	Jan. 30	5803	1215	120	1417
Fastening device.....	I. Jackson.....	811,925	Feb. 6	782	171	120	1648
Fastening device.....	W. P. Smithem.....	815,561	Mar. 20	3170	666	121	797

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prtg.	Vol.	Page.
Fastening device.....	S. Stevens.....	822,313	June 5	181	36	122	1767
Fastening device.....	C. B. Longenecker.....	833,533	Oct. 16	3074	652	124	2048
Fastening device.....	J. M. Denney.....	834,273	Oct. 30	4793	1013	124	2560
Fastening device.....	D. C. Daizell.....	835,154	Nov. 6	564	115	125	143
Fastening device.....	F. H. Richards.....	836,706	Nov. 27	3609	769	125	1021
Fastening device. Headed.....	E. T. House.....	816,095	Mar. 27	4295	910	121	1094
Fastening-hook.....	C. D. Rice.....	812,879	Feb. 20	2716	598	120	2167
Fats and oils. Obtaining material for saponifying.....	M. Nicloux.....	837,710	Dec. 4	876	125	1572	
Fats and the like from waste waters. Apparatus for the recovery of.....	C. Kremer.....	823,688	June 19	2943	622	122	2477
Faucet.....	F. A. Dunham.....	808,910	Jan. 2	575	127	120	126
Faucet.....	J. O. Beazley.....	809,895	Jan. 9	2553	528	120	594
Faucet.....	W. A. Speakman.....	816,133	Mar. 27	4371	924	121	1110
Faucet.....	F. A. Dunham.....	816,440	Mar. 27	5003	1063	121	1243
Faucet.....	J. Wares and A. Holman.....	828,445	Aug. 14	1514	319	123	2071
Faucet.....	J. B. Happ.....	829,524	Aug. 28	3762	797	123	2718
Faucet.....	S. A. Dennis.....	829,695	Aug. 28	4114	871	123	2803
Faucet.....	J. J. Fitzgibbon and J. M. Travis.....	831,049	Sept. 18	2315	489	124	643
Faucet.....	A. C. Brown.....	832,589	Oct. 9	1148	229	124	1531
Faucet.....	J. H. Semmons.....	835,837	Nov. 13	1879	398	125	518
Faucet and filter. Combined.....	A. P. Whalen.....	816,517	Mar. 27	5160	1094	121	1279
Faucet attachment.....	G. A. Olesen.....	812,082	Feb. 6	1098	241	120	1712
Faucet attachment.....	H. M. Lummis and F. W. Hergert.....	814,715	Mar. 13	1451	304	121	377
Faucet. Automatic.....	J. P. Luckett.....	819,566	May 1	1039	227	122	234
Faucet drip attachment.....	J. A. Ferguson.....	831,713	Sept. 25	3676	769	124	1125
Faucet. Fluid-measuring.....	G. K. Cooke.....	824,095	June 26	3698	788	122	2697
Faucet-knob.....	H. K. Kueker.....	817,993	Apr. 17	2886	624	121	2106
Faucet-lock.....	W. T. Dahl.....	812,021	Feb. 6	996	218	120	1691
Faucet. Measuring.....	G. K. Cooke.....	820,556	May 15	3119	671-2	122	816
Faucet. Self-registering.....	P. Doherty.....	814,945	Mar. 13	1872	393	121	465
Faucets. Glass protector for.....	C. E. McKenna.....	820,517	May 15	3043	655	122	799
Feather fabric. Felted.....	E. K. Warren and J. H. Holden.....	808,791	Jan. 2	339	73	120	75
Feather fabric. Felted.....	E. K. Warren and J. H. Holden.....	808,792	Jan. 2	339	73	120	75
Feather fabric. Woven.....	E. K. Warren and J. H. Holden.....	808,790	Jan. 2	338	73	120	75
Feather-plucking machine.....	S. B. Morrison.....	837,330	Dec. 4	106	29	125	1380
Feather-treating apparatus.....	S. B. Hornidge.....	838,412	Dec. 11	2274	492	125	1961
Fecal analyzer.....	J. A. MacMillan.....	820,004	May 8	1996	438	122	507
Feed and litter carrier.....	J. W. Provan.....	812,363	Feb. 13	1707	374	120	1915
Feed and litter carrier.....	H. L. Ferris.....	815,521	Mar. 20	3096	646-7	121	782
Feed and litter carrier.....	W. D. Beath.....	827,842	Aug. 7	300	62	123	1745
Feed and litter carrier.....	F. G. Held, M. W. Fox, J. G. Lund, and A. Jensen.....	838,023	Dec. 11	1475	318	125	1765
Feed attachment.....	J. A. and J. C. Doran.....	812,833	Feb. 20	2631	575	120	2148
Feed-bag.....	J. A. Skinner.....	811,450	Jan. 30	5731	1200	120	1402
Feed-bag.....	F. J. Luebbert.....	828,559	Aug. 14	1755	369	123	2135
Feed-bag.....	D. D. McKernan.....	830,734	Sept. 11	1734	358	124	468
Feed-bag.....	R. R. Bryant.....	835,128	Nov. 6	513	103	125	132
Feed-bag adjustment.....	F. L. Davis.....	832,366	Oct. 2	695	133	124	1379
Feed-bag for live stock.....	O. F. Garretson.....	825,452	July 10	1566	324	123	427
Feed-box.....	J. P. McIntyre.....	811,573	Feb. 6	78	15	120	1502
Feed-box.....	J. S. H. and C. D. Stoneburner.....	811,592	Feb. 6	114	25	120	1510
Feed-box. Metallic.....	H. M. Thayer.....	820,075	May 8	2159	470	122	545
Feed-cutter.....	D. L. Wolf.....	830,951	Sept. 11	2109	446	124	559
Feed-cutters. Feeder attachment for.....	W. J. Mitchell.....	832,872	Oct. 9	1732	357	124	1670
Feed device. Automatic.....	E. J. Ericsson.....	815,691	Mar. 20	3440	718	121	858
Feed device. Relative.....	F. I. du Pont.....	818,556	Apr. 24	4015	861	121	2397
Feed for steam-boilers. Automatic.....	F. M. G. de La Rochefoucauld and M. J. Meland.....	836,511	Nov. 20	3192	676	125	887
Feed-gage.....	L. E. Tait.....	808,953	Jan. 2	653	143	120	144
Feed mechanism.....	J. J. Thacher.....	812,898	Feb. 20	2747	605	120	2173
Feed mechanism. Changeable-speed.....	A. M. Drake.....	824,914	July 3	476	93-4	123	126
Feed mechanism. Roller.....	W. M. Allen.....	817,151	Apr. 10	1188	245-6	121	1683
Feed-mill.....	N. Burr.....	814,114	Mar. 6	224	43-4	121	49
Feed purifier. Boiler.....	F. E. Keyes.....	826,580	July 24	3889	806	123	1033
Feed-regulator.....	J. R. Hendrix.....	818,375	Apr. 17	3638	780-1	121	2263
Feed regulator. Boiler.....	O. O. White.....	822,794	June 5	1108	230	122	1971
Feed reservoir and box for horses and the like.....	J. A. Easton and J. Greenfield.....	837,390	Dec. 4	225	56	125	1412
Feed-roll. Detachable.....	D. Crane.....	838,771	Dec. 18	2962	638	125	2174
Feed-trough.....	W. D. Surface.....	832,094	Oct. 2	135	29	124	1245
Feed-water heater.....	O. L. Stump.....	810,441	Jan. 23	3759	774-5	120	939
Feed-water heater.....	G. A. R., and H. Erickson.....	810,732	Jan. 23	4319	897	120	1065
Feed-water heater.....	H. G. Miller.....	812,944	Feb. 20	2849	628	120	2197
Feed-water heater.....	H. C. Moore.....	820,665	May 15	3310	709-10	122	856
Feed-water heater.....	W. A. Moffat.....	822,972	June 12	1469	306	122	2095
Feed-water heater.....	D. Halpin.....	827,631	July 31	6093	1263	123	1599
Feed-water heater.....	H. W. Legel.....	828,414	Aug. 14	1453	307	123	2057
Feed-water heater.....	T. J. Cookson.....	830,210	Sept. 4	635	128	124	161
Feed-water heater and purifier.....	H. E. Moffat.....	831,886	Sept. 25	4031	840	124	1112
Feed-water heater and purifier.....	W. A. Gibson.....	832,373	Oct. 2	709	137	124	1383
Feed-water heater for locomotive-boilers.....	W. A. Moffat.....	835,630	Nov. 13	1502	320	125	423
Feed-water-heating apparatus.....	J. H. Dales and C. C. Braithwaite.....	838,172	Dec. 11	1810	388	125	1850
Feed-water mechanism.....	W. Loudon and J. J. Hendricks.....	811,939	Feb. 6	811	178	120	1654
Feed-water regulator.....	H. W. Adams.....	818,859	Apr. 24	4631	995	121	2533
Feed-water regulator.....	E. G. Ofeldt.....	819,078	May 1	88	20	122	24
Feed-water regulator.....	F. H. Plouff.....	823,635	June 19	2846	602	122	2456
Feed-water regulator.....	L. B. Fulton.....	834,795	Oct. 30	5821	1235	124	2818
Feeder.....	W. G. Maynard.....	813,810	Feb. 27	4559	1008	120	2625
Feeder and exerciser. Automatic poultry.....	H. A. Hannum.....	833,717	Oct. 16	3445	735	124	2134
Feeder and exerciser. Poultry.....	H. E. Barnes.....	838,161	Dec. 11	1786	383	125	1842
Feeder. Automatic animal.....	V. A. Croshier.....	811,038	Jan. 30	4943	1032	120	1235
Feeder. Boiler.....	F. Leadbeater.....	814,305	Mar. 6	600	125	121	129
Feeder. Boiler.....	R. W. Wallace.....	821,683	May 29	5424	1154-5	122	1437
Feeder. Boiler.....	W. H. Brown.....	839,546	Dec. 25	4506	960	125	2597
Feeder. Gravity boiler.....	W. A. Moffat.....	825,746	July 10	2218	463	123	587
Feeder protection. Parallel.....	L. A. Hawkins.....	839,384	Dec. 25	4164	891	125	2514
Feeder. Stock.....	H. B. Gamblin.....	822,442	June 5	404	84	122	1813
Feeder. Time stock.....	W. H. Paine.....	811,431	Jan. 30	5706	1195	120	1396

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr-g.	Vol.	Page.
Feeder, water-fountain, and young-poultry protector. Automatic poultry-	E. H. Turner	829,611	Aug. 28	3935	833	123	2766
Feeders. Automatic stock-compensating device for card-	G. Geb	827,359	July 31	5448	1133	123	1439
Feeding and band-cutting mechanism	F. S. Rich	810,568	Jan. 23	4019	827-8	120	999
Feeding and blending machine	C. W. Case, Jr.	811,482	Jan. 30	5781	1210	120	1413
Feeding and watering trough. Stock.	J. Paulus	822,763	June 5	1059	217	122	1961
Feeding anti-incrustation compounds to steam-boilers. Device for	H. W. Graese	833,045	Oct. 9	2058	433	124	1748
Feeding boilers automatically. Apparatus for.	G. Brandstetter and R. Freund	817,037	Apr. 3	978	200	121	1576
Feeding device.	J. C. Miller	812,665	Feb. 13	2298	500	120	2032
Feeding device.	D. Collins	816,219	Mar. 27	4535	963	121	1145
Feeding device.	E. N. Trump	818,585	Apr. 24	4065	872-3	121	2408
Feeding device.	F. Mueller	826,595	July 24	3914	811	123	1040
Feeding device.	R. J. Rodd	828,682	Aug. 14	1979	418	123	2191
Feeding device.	E. N. Trump	830,542	Sept. 11	1312	271	124	353
Feeding device for oranges and other articles.	M. H. Ballard	820,378	May 8	2734	596	122	671
Feeding device. Poultry.	H. P. Nottage	815,625	Mar. 20	3295	690	121	826
Feeding device. Poultry.	W. J. Manly	828,227	Aug. 7	1034	221	123	1927
Feeding device. Stock.	M. J. Overfield	823,806	June 19	3161	609	122	2524
Feeding device. Time.	L. A. Stahmer	817,884	Apr. 17	2662	579	121	2052
Feeding mechanism	W. S. Luckett	812,219	Feb. 13	1426	311-12	121	1851
Feeding mechanism	W. S. Luckett	812,220	Feb. 13	1430	120	122	1852
Feeding mechanism	A. W. Howe	833,460	Oct. 16	2939	624	124	2017
Feeding mechanism	G. H. A. M. Leroy	838,340	Dec. 11	2135	462	125	1929
Feeding mechanism for oranges and other articles.	M. H. Ballard	820,084	May 8	2173	473-4	122	547
Feeding-roll	J. R. Thomas	837,756	Dec. 4	957	216	125	1592
Feeding scale-preventives into boilers. Apparatus for.	E. C. Schwingel and R. W. Turner	838,217	Dec. 11	1898	407	125	1751
Feeding-trough	S. Walter	823,380	June 12	2317	486	122	2232
Felly-connecting device. Wheel-	J. R. Hughes	820,788	May 15	3542	759	120	909
Felly. Elastic metal.	A. Peust	812,227	Feb. 13	1448	316	120	1856
Felly. Wheel-	C. Heart	810,860	Jan. 23	4556	948	120	1116
Fence.	J. H. Brown	809,906	Jan. 9	2572	532	120	811
Fence.	S. Bugby	810,260	Jan. 16	3338	693	120	1880
Fence.	J. Kempf, Jr	812,274	Feb. 13	1553	339	120	1880
Fence.	J. Hinds	813,971	Feb. 27	4883	1079	120	2693
Fence.	J. W. Veit	818,493	Apr. 24	3863	831	121	2365
Fence.	C. E. Frizzell	821,232	May 22	4498	957	122	1180
Fence.	A. T. Kelliher	824,874	July 3	390	74	123	107
Fence.	J. M. Perdue	833,082	Oct. 9	2126	447	124	1766
Fence.	W. A. Wilson and C. Apel	837,365	Dec. 4	177	42-3	125	1400
Fence.	C. A. Brinley	839,545	Dec. 25	4503	960	125	2566
Fence-anchor	P. H. Rousseau and J. T. Lambert	825,158	July 3	933	197	123	245
Fence-anchor	J. Wilcox	837,992	Dec. 11	1419	308	125	1750
Fence anchor and driver	J. M. Van Meter	808,704	Jan. 2	157	36	120	36
Fence and fence-post	C. Reichert	836,828	Nov. 27	3861	823	125	1088
Fence and other post	E. M. Bunce	825,705	July 10	2128	444	123	566
Fence-clamp.	A. Brant	835,821	Oct. 23	3673	784	124	2238
Fence fabric. Wire	T. Litwiler. (Reissue)	822,434	Jan. 9	2626	542	120	611
Fence fabric. Wire	T. Litwiler	825,848	July 10	2399	500	123	632
Fence fastener. Wire	T. H. Shuffin and J. C. White	822,994	June 12	1517	316	122	2108
Fence gate. Wire	R. H. Singer	812					

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Spec. Monthly volume.	Drig. Vol.	Official Gazette. Page.
Fence-post.	C. C. Dolan.	821,474	May 22	5005	1064	122 1292
Fence-post.	W. M. Perkins.	821,535	May 22	5116	1089	122 1315
Fence-post.	C. E. Robinson.	823,441	June 12	2432	512	122 2305
Fence-post.	J. W. Westlake.	823,655	June 19	2887	610	122 2466
Fence-post.	F. M. Garry.	823,722	June 19	3000	635	122 2487
Fence-post.	R. S. Hiltner.	824,117	June 26	3732	797	122 2705
Fence-post.	J. Ludwick.	824,429	June 26	4364	929	122 2837
Fence-post.	I. N. Miller.	824,562	June 26	4631	985	122 2897
Fence-post.	J. W. Rector.	824,816	July 3	271	48	123 75
Fence-post.	J. A. Tremblay.	826,973	July 24	4629	965	123 1221
Fence-post.	H. C. Youngs.	826,984	July 24	4651	968	123 1226
Fence-post.	J. F. Haffey.	829,150	Aug. 21	2957	618	123 2473
Fence-post.	G. Eichhorn.	829,372	Aug. 21	3414	719	123 2584
Fence-post.	W. R. Bordner.	829,834	Aug. 28	4402	928	123 2874
Fence-post.	M. A. Smith.	830,108	Sept. 4	395	80	124 97
Fence-post.	G. M. Koontz.	830,599	Sept. 11	1425	296	124 381
Fence-post.	C. F. Davis.	830,824	Sept. 11	1886	393	124 506
Fence-post.	G. H. Stout.	831,119	Sept. 18	2474	523	124 678
Fence-post.	M. J. Huber.	831,611	Sept. 25	3438	722	124 957
Fence-post.	G. J. Jones.	832,197	Oct. 2	364	67	124 1300
Fence-post.	J. C. Speaker.	832,218	Oct. 2	410	76	124 1312
Fence-post.	R. R. Bueto.	833,577	Oct. 16	3173	674	124 2073
Fence-post.	A. J. Henninger.	834,804	Oct. 30	5836	1238	124 2823
Fence-post.	F. Tennigkeit.	835,334	Nov. 6	923	195	125 233
Fence-post.	A. Mitchell.	835,364	Nov. 6	977	208	125 248
Fence-post.	J. W. Westlake.	835,719	Nov. 13	1654	351	125 461
Fence-post.	G. F. Greene.	835,885	Nov. 13	1967	417	125 535
Fence-post.	J. Kempf, Jr.	836,043	Nov. 13	2226	477	125 599
Fence-post.	J. J. Senn.	836,281	Nov. 20	2752	584-5	125 782
Fence-post.	J. J. Worley.	836,954	Nov. 27	4127	881	125 1151
Fence-post.	B. B. Perkins.	836,990	Nov. 27	4203	894	125 1170
Fence-post.	G. W. Mann.	837,236	Nov. 27	4679	993	125 1287
Fence-post.	M. A. McCoy.	837,872	Dec. 4	1176	260	125 1646
Fence-post.	E. M. Keener.	838,420	Dec. 11	2294	496	125 1967
Fence-post.	P. E. Smith.	838,592	Dec. 18	2626	566	125 2092
Fence-post.	T. J. Bury.	839,723	Dec. 25	4867	1040	125 2685
Fence-post and wire fence. Concrete.	G. T. Davis.	832,539	Oct. 2	1036	208	124 1463
Fence-post. Artificial-stone.	G. and H. Brink.	830,962	Sept. 11	2124	449	124 563
Fence-post. Cement.	C. Dodd.	816,715	Apr. 3	330	76	121 1433
Fence-post. Cement.	J. A. Stransky.	817,017	Apr. 3	944	194	121 1568
Fence-post. Cement.	F. W. and E. G. Shellabarger.	828,429	Aug. 14	1488	313	123 2065
Fence-post. Cement.	R. J. Angell.	830,954	Sept. 11	2112	446	124 560
Fence-post. Cement.	E. Dehler.	833,127	Oct. 9	2218	466	124 1791
Fence-post. Cement.	J. F. McElroy.	836,128	Nov. 20	2429	513	125 700
Fence-post. Composition.	D. C. Stewart.	817,282	Apr. 10	1466	307	121 1741
Fence-post mold.	P. L. Schauf.	823,139	June 12	1837	379	122 2176
Fence-post mold.	W. R. Collier.	832,594	Oct. 9	1159	232	124 1534
Fence-post mold.	I. G. Brooks.	834,448	Oct. 30	5119	1087	124 2641
Fence-post-molding machine.	M. C. Munn.	839,178	Dec. 25	3764	812	125 2417
Fence-post. Portable.	J. J. Wilson.	832,565	Oct. 2	1085	217	124 1474
Fence-posts and like non-tubular articles. Molding device for.	J. J. Luck.	838,197	Dec. 11	1856	397-8	125 1861
Fence-posts and the like. Anchor for.	J. F. Fixler and N. E. Bauer.	837,618	Dec. 4	681	157	125 1524
Fence-posts. Apparatus for making.	G. A. Le Pevre.	833,882	Oct. 23	3815	810	124 2274
Fence-posts. Means for securing wires to.	W. F. Hendershot.	830,997	Sept. 11	2194	464	124 580
Fence splice. Wire.	W. Clement.	838,522	Dec. 18	2493	540	125 2059
Fence staple. Wire.	U. Durand.	824,849	July 3	348	65	123 96
Fence-stay.	R. L. Horsley.	820,870	May 15	3730	795	122 949
Fence-stay.	C. M. Follett.	831,714	Sept. 25	3678	769	124 1025
Fence-stay.	W. J. La Grange.	835,956	Nov. 13	2091	447	125 565
Fence stretcher. Wire.	I. M. Warner.	810,099	Jan. 16	3002	625	120 745
Fence stretcher. Wire.	M. E. Johnson.	814,139	Mar. 6	271	54	121 60
Fence stretcher. Wire.	M. E. Hobart.	825,906	July 17	2504	521	123 667
Fence stretcher. Wire.	W. H. Clendenon.	831,038	Sept. 18	2284	483	124 636
Fence stretcher. Wire.	W. J. Tolle.	838,285	Dec. 11	2041	439-40	125 1903
Fence stretcher. Wire.	W. L. Stevens.	839,332	Dec. 25	4069	873	125 2491
Fence stretcher. Woven-wire.	H. J. Ferris.	835,786	Nov. 13	1789	379	125 496
Fence-stretching device. Wire.	A. Adam.	830,553	Sept. 11	1342	277	124 361
Fence structure.	M. E. Davis.	810,626	Jan. 23	4137	855	120 1024
Fence structure.	E. D. Ziminger.	831,913	Sept. 25	4089	852	124 1127
Fence-support.	D. D. Long.	827,069	July 24	4838	1007	123 1271
Fence-tie.	O. D. Morse.	811,866	Feb. 6	631	138	120 1619
Fence-tie.	W. W. Gunn.	826,500	July 17	3698	766	123 972
Fence-tie. Metal.	A. B. Critchfield.	834,662	Oct. 30	5547	1177	124 2750
Fence-tie. Wire.	B. Griffin.	814,369	Mar. 6	751	151	121 166
Fence-tie. Wire.	G. R. Mills.	822,292	June 5	137	27	122 1759
Fence-tie. Wire.	R. Lake.	825,398	July 10	1432	299	123 390
Fence tool. Wire.	H. Hansberger.	812,265	Feb. 13	1533	334	120 1874
Fence tool. Wire.	E. Harris.	816,578	Apr. 3	42	11	121 1363
Fence. Wire.	B. L. Elwell and W. Grimm.	813,370	Feb. 20	3697	812	120 2378
Fence. Wire.	A. E. Roberts.	818,710	Apr. 24	4331	929	121 2468
Fence. Wire.	S. E. Jackson.	819,141	May 1	206	42	122 52
Fence. Wire.	W. S. Mahaffy.	825,916	July 17	2519	524	123 671
Fence. Wire.	J. Harris.	827,365	July 31	5460	1135	123 1442
Fence. Wire.	G. R. Wales.	833,358	Oct. 16	2707	571	124 1963
Fence. Wire.	F. C. Biesemeier.	834,867	Oct. 30	5963	1266	124 2855
Fence-wire. Barbed.	J. C. Dameron.	820,395	May 15	2778	603	122 742
Fence-wire clamp.	W. H. Hampton.	834,976	Nov. 6	191	42	125 50
Fence-wire stretcher.	H. Murrell.	827,257	July 31	5251	1090	123 1392
Fence-wire stretcher and roller.	H. Ohmes.	831,463	Sept. 18	3126	662	124 842
Fence-wire to posts. Device for securing.	O. D. Reeves.	830,848	Sept. 11	1931	405	124 518
Fence-wire twister.	H. E. Bush.	820,909	May 15	3835	818	122 972
Fence. Woven-wire.	W. M. Wadleigh.	815,052	Mar. 13	2108	444	121 515
Fence. Woven-wire.	H. C. Pratt.	828,901	Aug. 21	2428	516	123 2336
Fencing. Apparatus for stretching wire.	A. J. Chandler.	837,259	Nov. 27	4727	1001	125 1299
Fencing-dropper.	E. R. H. Edkins.	834,114	Oct. 23	4446	944	124 2425
Fencing tie. Wire.	F. H. Benedict.	816,210	Mar. 27	4519	959	121 1141

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Fencing tie. Wire.....	J. J. Morse.....	823,224	June 12	2035	423	122	2222
Fencing tie. Wire.....	J. W. Slater.....	828,430	Aug. 14	1489	313	123	2065
Fencing tie. Wire.....	E. E. Tobias.....	830,750	Sept. 11	1761	362	124	475
Fencing tie. Wire.....	F. J. Collar.....	836,179	Nov. 20	2533	532	125	726
Fencing tie. Wire.....	O. D. Morse.....	836,816	Nov. 27	3839	818	125	1083
Fencing tie. Wire.....	W. H. Shiersson.....	836,839	Nov. 27	3878	827	125	1093
Fencing-wire stretcher.....	G. Coates.....	831,932	Sept. 25	4114	857	124	1133
Fencing. Woven-wire fender.....	C. Griswold.....	827,440	July 31	5649	1171	123	1487
See Automobile-fender. Plow-fender.							
Car-fender. Trailing fender.							
Car life-guard fender. Vehicle-fender.							
Car safety-fender. Wheel-fender.							
Car separable fender.							
Fender.....	A. Chovan and M. Gex.....	813,776	Feb. 27	4499	993-4	120	2612
Fender.....	J. Stawartz.....	818,797	Apr. 24	4520	966	121	2510
Fender.....	J. Truax.....	821,770	May 29	5601	1193	122	1479
Fender.....	R. S. Watson.....	824,765	July 3	142	27	123	40
Fender.....	W. S. E. Sevey.....	825,871	July 10	2443	509	123	641
Fender.....	J. P. Manson.....	829,079	Aug. 21	2783	586	123	2428
Fender.....	H. Ekrem.....	836,872	Nov. 27	3935	840	125	1108
Fender-carrier.....	B. Lev.....	815,925	Mar. 20	3938	833	121	962
Fender-fastener.....	B. E. Thompson.....	817,204	Apr. 10	1307	272	121	1708
Fender-support.....	A. Crothett.....	833,027	Oct. 9	2017	424	124	1737
Ferment and producing the same.....	G. Johnson and P. R. Hare.....	830,506	Sept. 11	1227	.....	124	332
Fermentation of liquids.....	G. Johnson and P. R. Hare.....	839,067	Dec. 18	3496	.....	125	2304
Fermenter.....	D. Gordon.....	827,148	July 31	5039	1050	123	1337
Fermenting apparatus. Wort-ferrie quinate and albumen. Solution of.	H. A. Schalk.....	838,812	Dec. 18	3043	656	125	2194
Ferrophosphorus. Manufacture of.	I. Traube and R. Wolfenstein.....	839,232	Dec. 25	3877	.....	125	2443
Ferrule driver. Spile-hole.....	J. J. Gray, Jr.....	831,427	Sept. 18	3063	.....	124	825
Ferrule holder or clamp.....	R. Woerner.....	836,478	Nov. 20	3132	665	125	870
Ferrule. Wrought-metal.....	S. and S. Richards, Jr.....	832,418	Oct. 2	806	155	124	1406
Fertilizer.....	S. S. Holcomb.....	832,059	Oct. 2	62	15	124	1227
Fertilizer and seed distributor.....	W. B. Chisolm.....	824,280	June 26	4050	.....	122	2774
Fertilizer-distributor.....	H. C. Melton.....	808,856	Jan. 2	450	99	120	100
Fertilizer-distributor.....	A. J. Woolman.....	808,799	Jan. 2	352	76	120	78
Fertilizer-distributor.....	C. Johnson.....	809,808	Jan. 9	2398	497	120	560
Fertilizer-distributor.....	C. K. Johnson.....	810,768	Jan. 23	4387	911	120	1081
Fertilizer-distributor.....	J. M. Hess.....	813,556	Feb. 27	4083	895-6	120	2524
Fertilizer-distributor.....	C. Johnson.....	813,711	Feb. 27	4371	963-5	120	2585
Fertilizer-distributor.....	J. K. Gourdin.....	813,881	Feb. 27	4715	1043	120	2659
Fertilizer-distributor.....	O. C. Rawley.....	814,079	Mar. 6	154	31	121	34
Fertilizer-distributor.....	R. J. Taylor.....	816,400	Mar. 27	4936	1049	121	1229
Fertilizer-distributor.....	J. S. Kemp.....	818,098	Apr. 17	3078	664-5	121	2144
Fertilizer-distributor.....	W. Torres.....	818,396	Apr. 17	3687	792	121	2274
Fertilizer-distributor.....	F. A. Hamilton and W. A. Linker.....	821,485	May 22	5029	1071	122	1297
Fertilizer-distributor.....	J. P. Johnson.....	828,663	Aug. 14	1943	409	123	2182
Fertilizer-distributor.....	W. B. Parrish.....	829,423	Aug. 28	3515	738	123	2656
Fertilizer-distributor.....	W. J. Elsom.....	830,773	Sept. 11	1799	371-3	124	483
Fertilizer-distributor.....	L. Griffin.....	832,254	Oct. 2	486	91	124	1330
Fertilizer-distributor.....	M. Williams.....	833,815	Oct. 23	3656	781	124	2235
Fertilizer-distributor.....	W. W. Tedford.....	835,379	Nov. 6	1013	215	125	256
Fertilizer-distributor.....	W. J. Elsom.....	836,375	Nov. 20	2924	620-1	125	822
Fertilizer-distributor.....	J. K. Gourdin.....	836,573	Nov. 20	3315	706-7	125	915
Fertilizer-distributor.....	J. M. Brasington.....	837,787	Dec. 4	1013	226	125	1605
Fertilizer-distributor.....	E. L. Hahn.....	838,856	Dec. 18	3125	673-4	125	2215
Fertilizer-distributor.....	H. B. Veefkind.....	839,341	Dec. 25	4081	876	125	2494
Fertilizer-distributor and cultivator. Combined.	S. S. Cudd.....	823,398	June 12	2348	493-4	122	2287
Fertilizer. Making.....	W. R. Luckey.....	838,036	Dec. 11	1504	.....	125	1772
Fertilizer-spreader.....	J. H. Jessen.....	825,654	July 10	2033	425	123	543
Fertilizer-spreader.....	J. H. Jessen.....	825,655	July 10	2039	425-6	123	544
Fertilizer-spreader.....	P. Wright.....	826,641	July 24	4008	830	123	1065
Fertilizer-spreader attachment.....	J. S. Sams.....	835,641	Nov. 13	1525	325-6	125	429
Fertilizer-spreaders. Controlling mechanism for.	C. L. V. Kinney.....	833,059	Oct. 9	2082	438-9	124	1754
Fertilizers. Making.....	A. Vasseux.....	835,692	Nov. 13	1600	.....	125	446
Fertilizers. Making insecticide-fermenting material. Making	W. B. Chisolm.....	839,112	Dec. 25	3630	.....	125	2383
Fiber-cleaning machine.....	W. B. Chisolm.....	824,281	June 26	4051	.....	122	2774
Fiber-cleaning machine.....	W. A. Adams.....	821,571	May 22	5175	1105	122	1326
Fiber-cleaning machine.....	A. G. Pons.....	822,767	June 5	1064	219-20	122	1962
Fiber-cleaning machine.....	F. S. Macy.....	828,822	Aug. 14	2251	479	123	2261
Fiber-cleaning machine. Textile-	C. H. Behnisch.....	831,407	Sept. 18	3017	641	124	813
Fiber-erating machine.....	A. M. Sheakley.....	815,478	Mar. 20	3016	629	121	765
Fiber-disentangling machine.....	D. C. Fisher.....	808,978	Jan. 2	716	154-5	120	158
Fiber-disintegrating machine.....	J. A. Morrison and S. O. Dickinson.....	836,126	Nov. 20	2423	511-12	125	699
Fiber from cornstalks and analogous pithy plants. Preparing	A. G. Manns.....	811,419	Jan. 30	5684	.....	120	1392
Fiber material from animal tendons or sinews. Manufacturing	S. Kohn.....	827,102	July 31	4924	1028	123	1306
Fiber-mixer.....	E. Tyden.....	812,311	Feb. 13	1620	356	120	1895
Fiber-preparing machine.....	D. E. Radcliffe.....	839,198	Dec. 25	3508	822	125	2426
Fiber-reducing machine.....	H. S. Albrecht.....	821,447	May 22	4957	1052-4	122	1282
Fiber-reducing machine.....	H. S. Albrecht.....	821,448	May 22	4960	1054-5	122	1282
Fiber-scutcher.....	E. E. Horine.....	810,280	Jan. 16	3384	700-1	120	822
Fiber-treating engine.....	S. R. Wagg.....	829,746	Aug. 28	4214	893	123	2827
Fiber. Treating waste.....	U. C. Allen.....	811,896	Feb. 6	694	151-2	120	1632
Fibers and other particles from waste water. Apparatus for recovering	C. Bache-Wüg.....	836,078	Nov. 20	2307	489	125	673
Fibers or artificial silk. Manufacturing textile	J. Vermeesch.....	836,620	Nov. 20	3393	.....	125	933
Fibers. Preparing.....	B. S. Summers.....	815,876	Mar. 20	3850	815	121	942
Fibrous material and dyeing same. Blue	V. Fussgänger.....	816,457	Mar. 27	5035	.....	121	1250
Fibrous material. Treating.....	B. C. Mudge.....	831,621	Sept. 25	3455	.....	124	962
Fibrous materials. Apparatus for separating oil or grease from	N. C. Lane.....	825,470	July 10	1607	334	123	437
Fibrous materials. Machine for disintegrating, cleaning, and assorting	W. S. Archer.....	810,898	Jan. 30	4661	971	120	1171
Fibrous stalks. Treating.....	W. J. Hollier.....	824,243	June 26	3991	854	122	2761

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Fibrous substances. Agglomerating.	C. A. C. de Caudenberg.	837,193	Nov. 27	4599		125	1267
Field or hunting flask.	R. Burger and A. Aschenbrenner.	820,347	May 8	2673	584	122	658
Fifth-wheel.	J. Kreiziger.	810,546	Jan. 23	3976	819	120	990
Fifth-wheel.	M. M. Sherwood.	812,095	Feb. 6	1121	247	120	1716
Fifth-wheel.	W. A. Schleicher.	815,044	Mar. 13	2096	440	121	512
Fifth-wheel.	J. A. Welch.	816,832	Apr. 3	568	119	121	1485
Fifth-wheel.	H. S. Rader and W. H. Wert.	818,787	Apr. 24	4496	962	121	2504
Fifth-wheel.	J. H. Booth.	830,701	Sept. 11	1661	340	124	448
Fifth-wheel.	E. Smith.	837,513	Dec. 4	456	104	125	1470
Fifth-wheel.	F. Schmidt.	839,324	Dec. 25	4057	870	125	2488
Fifth-wheel. Vehicle.	E. Lewis.	816,168	Mar. 27	4440	940	121	1124
Fifth-wheel. Vehicle.	F. G. Winnek.	819,395	May 1	732	156	122	166
Fifth-wheel. Vehicle.	J. H. Jessen.	836,767	Nov. 27	3731	795	125	1054
Figure. Jointed cut-out.	T. B. Wood.	814,340	Mar. 6	699	140	121	154
Filaments and films from viscose. Manufacture of.	C. N. Waite.	816,404	Mar. 27	4941		121	1230
Filaments of viscose or similar material. Spinning-head for forming	M. Waddell.	823,009	June 12	1550	322	122	2115
Filaments substances liquefiable by heat. Converting into	T. J. Zoeller.	816,056	Mar. 27	4209	893	121	1075
Filaments. Support for osmium.	C. A. von Welsbach.	814,632	Mar. 6	1257	264	121	272
File.	J. F. Huber.	812,132	Feb. 6	1188	260	120	1731
File.	A. E. Landon.	832,549	Oct. 2	1055	211	124	1467
File.	A. L. Weis.	833,269	Oct. 16	2525	527	124	1915
File. Account.	J. O. Wilhelm.	817,537	Apr. 10	1970	417	121	1847
File and binder for newspapers, &c. Combined.	J. Wilson.	809,484	Jan. 9	1782	368	120	425
File and cabinet. Bill.	O. A. Osmondson.	809,006	Jan. 2	760	164-5	120	167
File and fastener.	C. R. Smead.	819,464	May 1	856	184	122	192
File and the like. Letter.	G. Mez.	822,147	May 29	6318	1343	122	1642
File. Bill.	P. T. Lemaster.	818,835	Apr. 24	4588	983	121	2523
File. Blank-check.	G. W. Sheridan and W. A. Wheeler.	820,069	May 8	2144	467	122	541
File-box.	J. D. D. Mortimer.	839,405	Dec. 25	4209	901	125	2525
File-box and support therefor.	J. W. Brashears.	826,760	July 24	4235	880-1	123	1125
File box. Letter.	C. McPike.	825,068	July 3	756	158	123	202
File-cabinet.	F. L. G. Straubel.	812,962	Feb. 20	2889	637	120	2205
File-cabinet.	I. H. Athey.	821,575	May 22	5181	1106	122	1328
File. Card.	G. A. Wheeler.	814,816	Mar. 13	1649	346	121	419
File-case.	A. Dixon.	838,962	Dec. 18	3297	713	125	2253
File. Collapsible vertical transfer.	C. M. Carnahan.	831,415	Sept. 18	3028	643	124	815
File-cutting machine.	M. Richey and J. W. Dykes.	832,160	Oct. 2	291	55	124	1283
File-cutting machine.	J. A. Hess.	833,522	Oct. 16	3054	648-9	124	2044
File. Document.	C. A. Phelps.	825,414	July 10	1459	306	123	397
File. Document.	P. W. Ziegler.	836,956	Nov. 27	4132	881	125	1152
File. Document.	C. McPike.	839,625	Dec. 25	4649	991	125	2632
File for bills, receipts, and the like. Bill.	E. L. Henderson.	815,427	Mar. 20	2932	608	121	747
File for correspondence, &c. Vertical paper.	W. A. Cooke, Jr.	836,633	Nov. 20	3424	730-1	125	940
File-holder.	J. R. Lawrence.	824,992	July 3	634	127	123	166
File. Letter.	C. C. Heid.	812,653	Feb. 13	2282	496	120	2029
File. Letter.	C. McPike.	825,067	July 3	755	158	123	202
File. Letter.	C. A. Grünwald.	826,243	July 17	3149	654	123	829
File. Newspaper.	H. L. Snyder.	828,067	Aug. 7	763	157	123	1859
File or holder for papers and leaves.	A. C. Hafely.	812,419	Feb. 13	1826	400	120	1937
File. Paper.	L. E. McLaughlin.	808,864	Jan. 2	461	101	120	103
File. Paper and document.	G. E. Schmidmer.	828,974	Aug. 21	2564	542	123	2369
File. Periodical.	W. E. Bailey.	826,219	July 17	3117	647	123	821
File. Wire-hook bill.	F. L. West and C. J. Kortz.	823,654	June 19	2886	610	122	2466
File-wrapper.	E. C. Ziegler.	830,127	Sept. 4	459	92	124	115
Filing box or drawer.	R. H. Ober.	809,976	Jan. 16	2736	563	120	686
Filing-cabinet.	F. W. Tobey.	810,823	Jan. 23	4488	933	120	1101
Filing-card and lock therefor.	G. A. Shoemaker.	814,170	Mar. 6	331	66-7	121	73
Filing-card. Universal business.	M. S. Teller.	813,928	Feb. 27	4805	1061	120	2677
Filing-case.	C. O. Hiscock.	813,150	Feb. 20	3268	718	120	2288
Filing-case.	E. E. Illig.	815,535	Mar. 20	3128	654	121	789
Filing-case.	T. J. Amberg and W. D. Patterson.	829,750	Aug. 25	4220	894	123	2829
Filing-case.	G. B. Burrage.	831,024	Sept. 11	2239	473	124	591
Filing-case.	H. Falvey.	835,670	Nov. 13	1568	335	125	439
Filing-case drawer-support.	C. Ernst.	823,771	June 19	3096	656	122	2508
Filing device. Book and pamphlet.	H. O. Brigham.	837,603	Dec. 4	651	149	125	1515
Filing documents. Locking-clip for.	J. Graham.	833,466	Oct. 9	2060	433	124	1749
Filing-folder.	C. R. Evans.	814,950	Mar. 13	1881	395	121	467
Filing-machine.	M. W. Jones and J. A. Dennis.	815,175	Mar. 13	2356	493	121	570
Filing-tray for card-indexes, &c.	A. G. Vetter.	813,679	Feb. 27	4311	949	120	2572
Filler.	J. D. James.	837,622	Dec. 4	686	158	125	1525
Filling apparatus.	W. H. Sheffield.	833,637	Oct. 16	3289	699-700	124	2099
Filling-carrier.	F. E. Kip.	814,709	Mar. 13	1438	300	121	374
Filling-machine.	F. M. Peters.	821,186	May 22	4415	940-1	122	1161
Filling-machine.	H. G. Brownell.	829,839	Aug. 28	4408	930	123	2876
Film-cartridge.	A. W. McCurdy.	823,624	June 19	2818	597	122	2447
Film-developing machine.	A. V. Lindquist.	815,300	Mar. 13	2603	547	121	627
Film frames. Micrometrical adjustment for printing.	B. Day.	813,867	Feb. 27	4688	1036-7	120	2653
Film-holder. Magazine.	O. Becker.	822,501	June 5	526	107-8	122	1841
Film-reeling mechanism.	A. C. Roebuck.	820,441	May 15	2868	624-5	122	759
Film-support.	H. E. Baer.	817,614	Apr. 10	2111	447	121	1876
Films. Making conducting.	T. A. Edison.	821,628	May 29	5301		122	1413
Films or flakes. Making metallic.	T. A. Edison.	821,626	May 29	5299		122	1412
Filter.	E. W. Roberts.	809,463	Jan. 9	1739	359-60	120	416
Filter.	C. R. Applegate.	810,020	Jan. 16	2832	586	120	706
Filter.	J. T. Cunningham.	810,846	Jan. 23	4526	942	120	1109
Filter.	G. M. Kneuper.	811,151	Jan. 30	5163	1079	120	1280
Filter.	L. V. Rood.	811,664	Feb. 6	255	56	120	1541
Filter.	J. T. H. Paul.	812,517	Feb. 13	2009	440-1	120	1976
Filter.	K. Kiefer.	812,933	Feb. 20	2822	622	120	2192
Filter.	K. Kiefer.	812,934	Feb. 20	2824	622-3	120	2192
Filter.	B. F. Schirmer.	813,327	Feb. 20	3616	793	120	2360
Filter.	W. A. Hull.	813,429	Feb. 27	3827	838	120	2462

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Filter.....	G. W. Gesner.....	815,417	Mar. 20	2919		121	744
Filter.....	W. B. Klein.....	816,479	Mar. 27	5084	1078	121	1260
Filter.....	G. M. Kneuper.....	817,252	Apr. 10	1399	295	121	1728
Filter.....	G. M. Kneuper.....	817,253	Apr. 10	1401	295	121	1728
Filter.....	G. Klumpp.....	818,264	Apr. 17	3427	736	121	2219
Filter.....	L. W. Jones.....	818,693	Apr. 24	4293	921	121	2459
Filter.....	M. L. S. and W. T. Buckner.....	818,868	Apr. 24	4649	998	121	2536
Filter.....	H. Tyrell.....	819,958	May 8	1874	414	122	479
Filter.....	J. S. Barnes and L. A. Rosier.....	820,903	May 15	3825	816	122	970
Filter.....	F. K. Kreutz.....	821,173	May 22	4392	935	122	1156
Filter.....	F. B. Hinkson.....	821,360	May 22	4773	1015	122	1242
Filter.....	S. B. Stewart.....	821,442	May 22	4952	1052	122	1280
Filter.....	J. L. Greatsinger.....	821,937	May 29	5916	1258	122	1549
Filter.....	C. H. Loew.....	823,181	June 12	1925	396-7	122	2197
Filter.....	F. Hardie.....	823,527	June 19	2643	555	122	2410
Filter.....	W. B. Klein.....	824,487	June 26	4482	950	122	2865
Filter.....	A. L. Johns.....	826,857	July 24	4417	920	123	1168
Filter.....	J. T. H. Paul.....	827,389	July 31	5515	1147	123	1455
Filter.....	J. T. H. Paul.....	827,390	July 31	5516	1148	123	1455
Filter.....	F. Benoit.....	827,780	Aug. 7	184	38	123	1715
Filter.....	C. Sellenschmidt.....	829,807	Aug. 28	4349	919	123	2861
Filter.....	F. G. Kammerer.....	833,056	Oct. 9	2075	437	124	1752
Filter.....	J. T. H. Paul.....	834,637	Oct. 30	5496	1166-7	124	2738
Filter.....	S. J. Vance.....	834,776	Oct. 30	5782	1228	124	2809
Filter.....	J. MacDougall.....	837,631	Dec. 4	702	162	125	1528
Filter.....	L. V. Rood.....	839,514	Dec. 25	4442	947	125	2581
Filter.....	A. E. Krause.....	839,772	Dec. 25	4958	1059	125	2708
Filter and cleaner therefor.....	L. Dion.....	829,576	Aug. 28	3859	819	123	2742
Filter and purifier. Liquid.....	M. F. Adams.....	823,019	June 12	1579	328	122	2122
Filter apparatus.....	K. Kiefer.....	828,320	Aug. 14	1274	270	123	2011
Filter attachment.....	E. G. Williams.....	834,431	Oct. 30	5093	1082	124	2634
Filter. Barrel.....	D. C. Mosher.....	812,438	Feb. 13	1858	408	120	1945
Filter-bed-cleaning apparatus.....	H. W. Blaisdell. (Reissue).....	12,488	May 22	5253	1119-20	122	1345
Filter-cell-lifting implement.....	B. D. Pinkney.....	836,340	Nov. 20	2860	608	125	807
Filter. Centrifugal.....	E. H. Dutcher.....	813,368	Feb. 20	3693	811	120	2377
Filter. Centrifugal.....	R. E. Lee.....	827,024	July 24	4728	986	123	1244
Filter. Centrifugal.....	T. S. Patterson.....	827,263	July 31	5271	1093	123	1395
Filter. Centrifugal slime.....	E. W. Durfee.....	831,332	Sept. 18	2886	612	124	780
Filter. Cistern.....	W. H. Duncan.....	828,724	Aug. 14	2076	437	123	2217
Filter-cloths in dust-collectors and the like. Cleaning.....	W. F. L. Beth.....	833,117	Oct. 9	2193	461	124	1783
Filter. Feed-water.....	H. E. Ferchen.....	834,464	Oct. 30	5150	1094	124	2650
Filter for feed-water heaters.....	O. L. Stump.....	824,389	June 26	4269	909-10	122	2818
Filter for purifying water.....	J. MacDougall.....	819,357	May 1	661	138-9	122	151
Filter-manufacturing apparatus.....	G. M. Kneuper.....	825,274	July 3	1157	244-5	123	301
Filter. Oil.....	C. E. Lefebvre.....	819,896	May 8	1715	368-9	122	448
Filter. Oil.....	J. B. Bell.....	830,286	Sept. 4	788	161	124	198
Filter-papers. Frame for.....	A. M. Vaughan.....	832,936	Oct. 9	1856	384	124	1698
Filter. Parallel.....	J. Kostalek.....	832,478	Oct. 9	1330	268-9	124	1575
Filter-plate.....	W. B. Albright.....	813,395	Feb. 27	3759	826	120	2449
Filter. Pneumatic.....	E. G. Shortt.....	819,179	May 1	276	59-60	122	69
Filter-press.....	S. Thurstensen.....	813,121	Feb. 20	3205	701	120	2276
Filter-press.....	M. Ekenberg.....	818,154	Apr. 17	3202	688-9	121	2171
Filter-press container.....	C. W. Merrill.....	813,014	Feb. 20	2982	657	120	2225
Filter-presses. Sluice-discharge construction of.....	J. Chisholm.....	822,109	May 29	6220	326	122	1619
Filter. Pressure.....	G. W. Durbrow.....	830,652	Sept. 11	1541	378	124	414
Filter. Pressure.....	W. H. Dopp.....	834,892	Nov. 6	728	6-7	125	10
Filter-pulp-packing machine.....	K. Keifer. (Reissue).....	12,455	Feb. 20	3748	822-3	120	2388
Filter. Rain-water.....	W. F. Mikolasek.....	838,129	Dec. 11	1720	370	125	1826
Filter. Rotary.....	F. A. Evans.....	820,560	May 15	3127	673	122	817
Filter-strainer.....	J. B. Greer.....	815,290	Mar. 13	2583	543	121	623
Filter-strainer nozzle.....	J. C. W. Greth.....	837,902	Dec. 4	1230	271	125	1659
Filter. Submarine.....	F. McGranighan.....	819,579	May 1	1063	234	122	239
Filter. Suction.....	P. Argall.....	822,812	June 5	1149	236-7	122	1980
Filter system. Self-cooling.....	F. E. Firth.....	826,654	July 24	4032	835-6	123	1071
Filter-table.....	F. B. Leopold.....	829,021	Aug. 21	2665	561	123	2394
Filter. Water.....	D. M. Pfautz.....	813,517	Feb. 27	4006	878	120	2506
Filter. Water.....	R. C. Barrie.....	814,261	Mar. 6	513	106	121	110
Filter. Water.....	A. G. Sheak.....	821,194	May 22	4433	944-5	122	1165
Filter. Water.....	C. F. Huber.....	825,907	July 17	2505	521	123	667
Filter. Water.....	R. E. Cady.....	829,503	Aug. 28	3700	781	123	2702
Filter. Water.....	W. Akin.....	830,277	Sept. 4	769	158	124	193
Filters. Circulating system for beer.....	M. Stahl.....	812,243	Feb. 13	1478	323	120	1861
Filters. Cleaning.....	J. MacDougall.....	819,358	May 1	663	139	122	152
Filters. Shaking device for tubular and like.....	W. F. L. Beth.....	832,450	Oct. 2	873	167-8	124	1422
Filters. Side plate for.....	C. P. Schwarz.....	812,530	Feb. 13	2040	447	120	1983
Filters. Washtrough for.....	F. B. Leopold.....	829,113	Aug. 21	2862	600	123	2449
Filtering apparatus.....	K. Kiefer.....	812,931	Feb. 20	2816	620	120	2190
Filtering apparatus.....	D. M. Pfautz.....	813,516	Feb. 27	4004	877-8	120	2506
Filtering apparatus.....	G. W. Durbrow.....	828,467	Aug. 14	1561	330	123	2084
Filtering apparatus.....	A. Priestman.....	835,163	Nov. 6	578	118	125	146
Filtering apparatus.....	G. L. Bayley.....	837,658	Dec. 4	762	174	125	1543
Filtering apparatus. Beer.....	J. F. Theurer.....	835,122	Nov. 6	497	100	125	128
Filtering apparatus. Vertical.....	D. M. Pfautz.....	838,052	Dec. 11	1537	331	125	1781
Filtering element.....	K. Kiefer.....	812,932	Feb. 20	2819	621-2	120	2191
Filtering element.....	K. Kiefer.....	834,304	Oct. 30	4848	1024	124	2575
Filtering element.....	K. Kiefer.....	837,845	Dec. 4	1121	250	125	1632
Filtering material.....	O. Löffler and W. Weidle.....	815,846	Mar. 20	3791		121	931
Filtering or purifying water. Means for.....	W. Cowern.....	813,779	Feb. 27	4505	995	120	2613
Filtering plant.....	G. Obert.....	825,931	July 17	2556	530	123	683
Filtering-plate.....	G. W. Gerlach.....	818,679	Apr. 24	4265	916	121	2453
Filtering, purifying, and decanting apparatus.....	H. Desrumaux.....	809,099	Jan. 2	963	200	120	213
Filtering streams and the like. Means for.....	T. Lydon.....	815,722	Mar. 20	3498	732	121	870
Filtering system.....	H. L. Hollis.....	808,924	Jan. 2	596	131	120	131
Filtering system.....	X. Caverno.....	828,925	Aug. 21	2475	524	123	2348
Filtration system.....	J. H. Heinz.....	837,566	Dec. 4	565	132	125	1496
Fine-fuel furnace.....	F. N. Spear.....	815,562	Mar. 20	3172	666	121	798

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Finely-divided material. Separating.	F. E. Elmore.	826,411	July 17	3466	720	123	906
Finger-bar.	C. O. Wyman.	820,943	May 15	3904	833	122	988
Finger-cot.	A. P. Witten.	835,803	Nov. 13	1825	385	125	505
Finger-exerciser.	U. G. Anson.	818,332	Apr. 17	3560	762	121	2247
Finger-nail trimmer.	J. H. Smith.	838,755	Dec. 18	2924	630	125	2165
Finger-ring.	J. A. Lieb, Jr.	831,361	Sept. 18	2935	622	124	793
Finger-ring expander.	A. F. Boylan and E. C. Chamberlin.	827,290	July 31	5322	1102	123	1407
Finger-stretching apparatus.	W. J. Mennes.	835,968	Nov. 13	2108	452	125	569
Finishing machine. Edge-	A. E. Ayer.	828,013	Aug. 7	648	132	123	1831
Fire-alarm.	G. H. Oatway and C. E. May.	823,542	June 19	2669	562	122	2415
Fire-alarm.	A. E. Watts.	828,356	Aug. 14	1345	284	123	2028
Fire-alarm, also applicable to sprinklers. Automatic.	J. Fiddes and J. P. Watt.	836,746	Nov. 27	3708	791	125	1049
Fire-alarm and sprinkler attachment.	J. Hartley.	814,781	Mar. 13	1580	333	121	404
Fire-alarm and thermo-indicator. Electric.	A. H. McNeil.	810,501	Jan. 23	3886	798	120	971
Fire-alarm apparatus.	L. H. Britton.	816,960	Apr. 3	831	170	121	1542
Fire-alarm apparatus. Electrical.	J. P. Robertson.	820,823	May 15	3641	777-9	122	930
Fire-alarm. Automatic.	A. Taylor.	812,776	Feb. 13	2505	551	120	2074
Fire-alarm. Automatic.	W. A. Suttle.	813,533	Feb. 27	4035	884	120	2513
Fire-alarm. Automatic.	N. H. Ferland.	814,123	Mar. 6	247	47	121	55
Fire-alarm. Automatic.	J. W. Griffin.	821,098	May 22	4255	905	122	1125
Fire-alarm. Automatic.	J. H. Marchant.	837,941	Dec. 11	1307	287	125	1721
Fire-alarm box.	S. J. Heinrich.	816,465	Mar. 27	5051	1073	121	1254
Fire-alarm box.	L. and F. G. Campbell.	820,700	May 15	3374	723	122	868
Fire-alarm boxes and for other things. Guard for door-keys of	F. W. Cole.	824,411	June 26	4319	919	122	2828
Fire-alarm circuits. Automatic non-interfering repeater for	F. W. Cole.	810,912	Jan. 30	4689	979-81	120	1177
Fire-alarm. Electrothermostatic.	J. M. Knowles and S. A. Gregory.	833,465	Oct. 16	2948	626	124	2019
Fire-alarm key-box.	D. McGlone.	816,932	Apr. 3	771	153	121	1530
Fire-alarm signal-box.	M. J. McGowan, Jr.	817,437	Apr. 10	1772	372	121	1806
Fire-alarm system.	B. F. Beane and R. P. Bennett.	821,581	May 22	5193	1108	122	1330
Fire-alarm system.	B. F. Beane and R. P. Bennett.	825,509	July 10	1698	356-7	123	457
Fire-alarm system.	P. E. Tarlton.	828,000	Aug. 7	618	126-8	123	1824
Fire-alarm system.	J. McFell.	828,420	Aug. 14	1464	309	123	2060
Fire-alarm system. Auxiliary	G. F. Milliken.	824,804	July 3	242	44-5	123	68
Fire and burglar alarm.	J. W. Baggett.	832,227	Oct. 2	435	80	124	1318
Fire-boat.	L. Nixon.	818,778	Apr. 24	4477	959	121	2500
Fire-box.	F. Burger and H. M. Williams.	809,247	Jan. 2	1270	258	120	280
Fire-bucket.	J. W. Bowerbank.	837,181	Nov. 27	4579	971	125	1262
Fire-clay block and attachment.	R. R. Morrison.	812,437	Feb. 13	1857	408	120	1944
Fire-cracker and other piece of fireworks.	L. Nordlinger.	837,492	Dec. 4	421	95-6	125	1461
Fire departments and opener therefor. Folding door for	L. E. Hale and A. M. Fox.	829,523	Aug. 28	3761	797	123	2717
Fire-door.	J. and W. Peters.	834,681	Oct. 30	5583	1185	124	2760
Fire-door mechanism. Gravity.	C. L. Colby.	833,442	Oct. 16	2894	614	124	2008
Fire-escape.	W. F. Thole and F. Ott.	809,033	Jan. 2	803	173-4	120	177
Fire-escape.	J. C. Covert.	809,670	Jan. 9	2156	446	120	506
Fire-escape.	J. F. Butler.	810,615	Jan. 23	4117	850	120	1020
Fire-escape.	J. H. Brown and C. Francis.	813,139	Feb. 20	3251	715	120	2285
Fire-escape.	C. Kramer.	814,458	Mar. 6	927	191	121	202
Fire-escape.	A. S. Noonan.	814,472	Mar. 6	956	196	121	208
Fire-escape.	J. P. McKenna.	815,030	Mar. 13	2069	434	121	506
Fire-escape.	J. A. Breckon.	815,401	Mar. 20	2881	599	121	734
Fire-escape.	K. Pugh.	816,183	Mar. 27	4471	947	121	1131
Fire-escape.	S. Z. Moore.	816,495	Mar. 27	5116	1084	121	1268
Fire-escape.	I. Bihl.	816,896	Apr. 3	693	143	121	1512
Fire-escape.	C. F. Davy.	818,526	Apr. 24	3950	850	121	2384
Fire-escape.	L. S. Franklin.	819,419	May 1	774	166	122	175
Fire-escape.	H. A. Thomsen.	819,956	May 8	1872	413-14	122	478
Fire-escape.	D. M. McCathie, W. R. and N. B. Cain.	820,241	May 8	2472	535	122	613
Fire-escape.	J. C. Covert.	820,702	May 15	3382	724	122	870
Fire-escape.	J. Dodds.	825,524	July 10	1727	363	123	464
Fire-escape.	J. Wenig.	825,994	July 17	2680	555-6	123	718
Fire-escape.	G. W. Younkman.	826,702	July 24	4126	856	123	1096
Fire-escape.	J. A. Reynolds.	826,854	July 24	4469	930	123	1181
Fire-escape.	C. F. Davy.	827,510	July 31	5842	1210	123	1534
Fire-escape.	A. W. Bartlett.	829,134	Aug. 21	2918	612	123	2463
Fire-escape.	E. Senn.	830,678	Sept. 11	1596	330	124	428
Fire-escape.	J. N. Noyer.	831,462	Sept. 18	3125	662	124	841
Fire-escape.	W. P. Thompson.	831,808	Sept. 25	3833	803	124	1063
Fire-escape.	S. Scotter.	833,555	Oct. 16	3119	662	124	2059
Fire-escape.	J. Cruickshank.	835,180	Nov. 6	612	125	125	155
Fire-escape.	J. C. Sharp.	835,985	Nov. 13	2132	457	125	574
Fire-escape.	A. R. Bostwick and C. L. Johnson.	836,008	Nov. 13	2170	465	125	584
Fire-escape.	F. J. Bryant.	836,432	Nov. 20	3060	649	125	853
Fire-escape.	R. Lytle.	836,595	Nov. 20	3349	714	125	924
Fire-escape.	J. C. Dangerfield.	836,868	Nov. 27	3926	838	125	1105
Fire-escape and the like.	T. Hornsey.	829,211	Aug. 21	3083	648	123	2505
Fire-escape apparatus.	G. B. Price.	812,950	Feb. 20	2860	630	120	2200
Fire-escape door.	A. Seaholm.	829,436	Aug. 28	3539	741	123	2662
Fire-escape. Portable.	H. H. Barsalon.	825,506	July 10	1691	354	123	456
Fire-escape. Portable.	A. S. Olney.	838,891	Dec. 18	3176	684-6	125	2226
Fire-escape with removable stretcher. Transportable.	J. A. Van Esbeek.	825,946	July 17	2584	537	123	690
Fire-extinguisher.	H. T. Murphy.	816,352	Mar. 27	4831	1024	121	1208
Fire-extinguisher.	T. N. Burke.	821,780	May 29	5616	1197	122	1483
Fire-extinguisher.	H. E. Safford.	825,868	July 10	2437	509	123	640
Fire-extinguisher.	H. W. Mix.	827,255	July 31	5249	1090	123	1391
Fire-extinguisher.	J. D. Pennock.	829,425	Aug. 28	3518	738	123	2656
Fire-extinguisher.	T. Cochrane.	829,629	Aug. 28	3975	841	123	2769
Fire-extinguisher.	G. G. Schroeder.	830,252	Sept. 4	711	143-4	124	179
Fire-extinguisher.	H. A. Myers.	832,269	Oct. 2	514	97	124	1337
Fire-extinguisher.	F. Yost.	835,050	Nov. 6	357	73	125	95
Fire-extinguisher.	P. De Wolf.	836,924	Nov. 27	4071	869	125	1138

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Fire-extinguisher.....	C. A. Fox and F. L. Webb, Jr.....	837,678	Dec. 4	805	183	125	1555
Fire-extinguisher automatic valve.....	J. H. Derby.....	810,040	Jan. 16	2880	595	120	716
Fire-extinguisher. Automatic.....	H. W. Martin.....	824,128	June 26	3750	801	122	2710
Fire-extinguisher. Automatic.....	A. L. Jaynes.....	834,303	Oct. 30	4846	1024	124	2575
Fire-extinguisher. Automatically-operating.....	H. W. Hildebrand.....	811,221	Jan. 30	5309	1110	120	1312
Fire-extinguisher. Chemical.....	H. Mikorey.....	828,860	Aug. 14	2325	495	123	2278
Fire-extinguisher. Chemical.....	J. G. Platt and W. B. Landon.....	831,988	Sept. 25	4214	880	124	1158
Fire-extinguisher. Chemical.....	E. D. Matteson.....	838,794	Dec. 18	3004	648	125	2184
Fire-extinguisher. Hand.....	S. M. Stevens.....	830,386	Sept. 4	975	203	124	240
Fire-extinguishers. Automatic sprinkler for.....	W. D. Murray.....	826,866	July 24	4436	923	123	1173
Fire-extinguishers. Valve for automatic.....	C. W. Kersteter.....	832,580	Oct. 2	1113	224	124	1482
Fire-extinguishing apparatus.....	C. E. Buell.....	818,999	Apr. 24	4890	1050	121	2589
Fire-extinguishing apparatus.....	J. Holm.....	822,842	June 5	1210	249-50	122	1992
Fire-extinguishing apparatus.....	C. E. Buell.....	826,085	July 17	2863	594	123	762
Fire-extinguishing apparatus.....	J. O. Banning.....	829,621	Aug. 28	3954	837	123	2764
Fire-extinguishing apparatus.....	L. L. Peck.....	836,207	Nov. 20	2592	546	125	740
Fire-extinguishing apparatus.....	S. A. Collins.....	838,688	Dec. 18	2815	604	125	2139
Fire-extinguishing apparatus. Chemical.....	J. T. Obenchain.....	826,268	July 17	3199	662-3	123	841
Fire-extinguishing compound.....	E. W. Mayer.....	836,265	Nov. 20	2719	.....	125	773
Fire-extinguishing device.....	W. C. Bilz.....	812,001	Feb. 6	960	209	120	1684
Fire-extinguishing device.....	O. Hammerstein.....	821,938	May 29	5918	1259	122	1549
Fire-extinguishing powders. Receptacle for.....	C. H. Raymond.....	833,176	Oct. 16	2328	489	124	1865
Fire-extinguishing system.....	C. H. Godfrey.....	825,964	July 17	2616	544	123	700
Fire-hoe.....	J. P. Hanson.....	831,847	Sept. 4	493	100	124	124
Fire-hose-nozzle-supporting device. Adjustable and collapsible.....	A. D. Cole.....	836,864	Nov. 27	3921	837	125	1104
Fire-hydrant.....	R. M. Pringle.....	821,191	May 22	4429	943	122	1164
Fire-hydrant.....	A. A. Cowles.....	828,597	Aug. 14	1820	383	123	2152
Fire-hydrant drain.....	G. J. Williams.....	824,770	July 3	173	30	123	51
Fire insulator and extinguisher.....	O. T. Weiser.....	812,537	Feb. 13	2050	449	120	1985
Fire-kindler.....	H. Hill.....	829,072	Aug. 21	2771	582	123	2424
Fire-kindler.....	H. E. Marley.....	832,266	Oct. 2	509	96	124	1336
Fire-lighting apparatus.....	C. R. Salmen.....	813,453	Feb. 27	3869	848	120	2474
Fire-lighting device.....	M. L. Martin.....	813,729	Feb. 27	4403	971	120	2591
Fire. Means for protecting ships from.....	H. W. McKinne.....	824,573	June 26	4650	989	122	2901
Fire-pail. Chemical.....	C. C. Gillespie.....	812,646	Feb. 13	2271	494	120	2026
Fire-plate cover. Foraminous.....	P. J. Mooney.....	828,330	Aug. 14	1296	274	123	2016
Fire-pot.....	R. M. Hittman.....	815,959	Mar. 27	4005	848	121	1028
Fire-pot. Adjustable.....	C. H. Gatchell.....	818,949	Apr. 24	4797	1031	121	2569
Fire-pot and grate.....	S. Knapp.....	809,701	Jan. 9	2208	457	120	517
Fire-pot and grate therefor.....	A. R. Hubbard and R. Flay.....	812,747	Feb. 13	2452	538	120	2064
Fire-pot and twyer-iron. Combined.....	C. O. Swenson.....	815,489	Mar. 20	3031	633	121	768
Fire-pot for furnaces and stoves.....	J. P. Kolla.....	835,686	Nov. 13	1595	340	125	445
Fire-protection signal system.....	J. E. Shepherd.....	828,047	Aug. 7	715	147	123	1847
Fire-protection signal system.....	J. E. Shepherd.....	830,254	Sept. 4	713	144	124	180
Fire-protection system.....	J. G. Nolen.....	828,045	Aug. 7	708	146-7	123	1845
Fire-protection system.....	J. G. Nolen.....	828,046	Aug. 7	712	147	123	1847
Fire-resisting cabinet.....	W. V. Dick.....	809,497	Jan. 9	1807	372	120	431
Fire-resistive construction.....	B. E. Loomis.....	839,015	Dec. 18	3393	732	125	2279
Fire-shutter.....	T. B. Jackson.....	829,339	Aug. 21	3339	703	123	2567
Fire-shutter for doors and windows.....	T. F. Dowling.....	826,713	July 24	4147	862	123	1101
Fire-walls. Metal sheathing for.....	W. R. Rose.....	818,122	Apr. 17	3137	675	121	2158
Fire-window. Automatic.....	G. Yunker and G. Schwing.....	810,595	Jan. 23	4073	839	120	1010
Fire-window. Automatic.....	G. Yunker.....	836,170	Nov. 20	2520	529	125	723
Firearm.....	A. J. Savage.....	810,571	Jan. 23	4025	829	120	1000
Firearm.....	J. H. Wesson.....	811,807	Feb. 6	512	114	120	1595
Firearm.....	T. C. Johnson.....	813,801	Feb. 27	4544	1004	120	2621
Firearm.....	T. C. Johnson.....	813,802	Feb. 27	4545	1005	120	2622
Firearm.....	G. W. Gruver.....	817,764	Apr. 17	2394	514-15	121	994
Firearm.....	J. L. Saget.....	817,937	Apr. 17	2774	600-1	121	2079
Firearm.....	H. M. Kolb and C. Foehl.....	818,177	Apr. 17	3256	698	121	2184
Firearm.....	J. H. Wesson.....	818,721	Apr. 24	4355	933	121	2473
Firearm.....	J. M. Browning.....	818,739	Apr. 24	4390	940	121	2481
Firearm.....	C. H. Taylor.....	821,766	May 29	5590	1191-2	122	1477
Firearm.....	J. D. Russ.....	821,890	May 29	5820	1238-9	122	1527
Firearm.....	E. E. Neal.....	824,197	June 26	3891	830	122	2740
Firearm.....	H. M. Kolb and C. Foehl.....	826,788	July 24	4278	890	123	1135
Firearm.....	J. J. Murphy.....	829,082	Aug. 21	2788	587	123	2429
Firearm.....	T. C. Johnson.....	829,215	Aug. 21	3091	650	123	2506
Firearm.....	A. H. Worrest.....	829,453	Aug. 28	3601	756-8	123	2677
Firearm.....	J. L. Saget.....	830,370	Sept. 4	947	196	124	233
Firearm.....	T. C. Johnson.....	830,594	Sept. 11	1417	294	124	379
Firearm.....	T. C. Johnson.....	834,578	Oct. 30	5366	1139	124	2704
Firearm.....	C. Hansen.....	835,679	Nov. 13	1585	338	125	443
Firearm.....	T. C. Johnson.....	835,825	Nov. 13	1864	393	125	514
Firearm.....	L. Stiennon.....	836,472	Nov. 20	3124	663	125	868
Firearm.....	T. C. Johnson.....	836,502	Nov. 20	3176	673	125	883
Firearm.....	T. G. Bennett.....	836,554	Nov. 20	3283	700	125	909
Firearm.....	T. C. Johnson.....	837,072	Nov. 27	4373	926-7	125	1212
Firearm.....	W. W. Smith.....	837,139	Nov. 27	4502	955	125	1244
Firearm.....	T. C. Johnson.....	839,389	Dec. 25	4175	893	125	2518
Firearm.....	A. W. Savage.....	839,517	Dec. 25	4448	949	125	2583
Firearm. Automatic.....	R. H. Kjellman.....	814,547	Mar. 6	1098	227-9	121	239
Firearm. Automatic.....	W. J. Whiting.....	827,488	July 31	5802	1203	123	1524
Firearm. Automatic.....	J. J. Reifgraber.....	834,753	Oct. 30	5709	1212-13	124	2791
Firearm. Automatic gas-operated.....	M. F. Smith.....	814,242	Mar. 6	462	96-7	121	100
Firearm. Automatic gas-operated.....	S. N. McClean.....	816,591	Apr. 3	76	18-19	121	1373
Firearm. Automatic recoil-operative.....	W. H. Knowles.....	829,163	Aug. 21	2984	624-5	123	2479
Firearm. Breech-loading.....	O. F. Mossberg.....	818,461	Apr. 24	3808	819	121	2355
Firearm firing mechanism.....	G. E. Witherell.....	808,964	Jan. 2	690	150	120	152
Firearm. Gas-operated.....	M. F. Smith.....	817,198	Apr. 10	1295	268-70	121	1706
Firearm-handle.....	M. Bye.....	812,016	Feb. 6	987	216	120	1690
Firearm. Magazine.....	G. L. Smith.....	818,395	Apr. 17	3678	790-1	121	2272
Firearm. Magazine.....	V. M. Sprangel.....	818,570	Apr. 24	4039	866-7	121	2403
Firearm. Magazine.....	H. W. De Jarnatt.....	818,669	Apr. 24	4248	913-14	121	2450
Firearm. Magazine.....	C. G. Anderson.....	829,313	Aug. 21	3281	692	123	2551

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Firearm. Magazine.....	E. H. Risley.....	833,803	Oct. 23	3619	774	124	2224
Firearm. Magazine.....	J. M. Clough.....	833,872	Oct. 23	3796	806	124	2269
Firearm. Magazine.....	E. H. Risley.....	833,898	Oct. 23	3856	819-20	124	2285
Firearm. Magazine.....	T. R. R. Ashton.....	834,354	Oct. 30	4935	1045-6	124	2596
Firearm. Magazine.....	W. Sonnenberg.....	837,141	Nov. 27	4505	956	125	1244
Firearm or rifle. Repeating.....	A. Michele.....	819,153	May 1	227	48-9	122	56
Firearm rear sight.....	J. D. Pender and R. S. Trott.....	835,112	Nov. 6	480	97-8	125	124
Firearm. Recoil-operated.....	M. Bye.....	812,015	Feb. 6	982	214-16	120	1689
Firearm. Recoil-operated.....	A. E. Hall.....	830,226	Sept. 4	661	132-3	124	167
Firearm. Recoil-operated.....	G. Luger.....	839,778	Dec. 25	4977	1062	125	2713
Firearm safety-lock.....	F. M. Deming.....	835,349	Nov. 6	953	203	125	241
Firearm-sight.....	F. C. Chadwick.....	830,052	Sept. 4	285	57	124	70
Firearm-sight.....	J. Windridge.....	833,905	Oct. 23	3872	822	124	2290
Firearm-sight.....	A. J. Aubrey.....	835,091	Nov. 6	437	87	125	115
Firearm-sight.....	F. A. Schanz.....	836,835	Nov. 27	3874	826	125	1092
Firearm-sight.....	B. E. Hartmann.....	837,563	Dec. 4	560	131	125	1495
Firearm-sight.....	A. J. Aubrey.....	839,535	Dec. 25	4484	957	125	2592
Firearm. Tubular-magazine.....	T. C. Johnson.....	816,015	Mar. 27	4120	872	121	1055
Firearm. Tubular-magazine.....	T. C. Johnson.....	819,549	May 1	1012	221	122	228
Firearm. Tubular-magazine.....	T. C. Johnson.....	819,550	May 1	1013	222	122	228
Firearm. Tubular-magazine.....	T. C. Johnson.....	827,978	Aug. 7	567	116	123	1813
Firearm. Tubular-magazine.....	T. C. Johnson.....	827,979	Aug. 7	569	116	123	1813
Firearms. Attachment to the barrels of.....	J. O. Nygaard.....	832,695	Oct. 9	1304	276	124	1581
Firearms. Cartridge-carrier for.....	A. J. Savage.....	827,820	Aug. 7	261	53	123	1736
Firearms. Cushioned stock for.....	B. Behr.....	837,601	Dec. 4	648	149	125	1515
Firearms. Firing mechanism for.....	G. E. Witherell.....	836,167	Nov. 20	2512	527	125	721
Firearms. Foresight for.....	D. B. Kokotovic.....	834,143	Oct. 23	4512	958	124	2445
Firearms. Gas-operated mechanism for.....	C. H. Taylor.....	811,595	Feb. 6	120	26	120	1512
Firearms. Single-trigger mechanism for.....	G. E. Witherell.....	808,890	Jan. 2	536	119	120	118
Firearms. Target-illuminating device for.....	D. McIntosh.....	829,726	Aug. 28	4177	884	123	2817
Firearms. Telescopic sight for.....	A. Swasey.....	820,998	May 22	4054	862-3	122	1082
Firearms. Trigger mechanism for automatic.....	J. T. S. Schouboe.....	836,713	Nov. 27	3622	772	125	1024
Fireboard.....	S. F. Williamson.....	822,497	June 5	522	106	122	1840
Fireman's belt.....	M. J. Lovett.....	830,606	Sept. 11	1434	298	124	383
Fireman's protective dress.....	C. W. Wood.....	811,021	Jan. 30	4914	1025	120	1228
Fireman's signaling system.....	A. J. Hart.....	821,639	May 29	5328	1135	122	1419
Fireplace.....	S. Bender.....	820,173	May 8	2347	511	122	585
Fireplace.....	W. A. Posey.....	831,096	Sept. 18	2439	514	124	670
Fireplace.....	J. G. W. Paul and J. Thau.....	833,414	Oct. 16	2829	600	124	1982
Fireplace. Open.....	H. C. Cleaver.....	810,719	Jan. 23	4298	892-3	120	1069
Fireproof and waterproof composition.....	E. Covington.....	816,532	Mar. 27	5190	.....	121	1288
Fireproof blind or curtain roller.....	E. H. McCloud.....	810,966	Jan. 30	4816	1001	120	1206
Fireproof blind or curtain roller.....	E. H. McCloud.....	810,967	Jan. 30	4816	1001	120	1207
Fireproof blinds. Slat for constructing.....	H. E. Vance.....	827,676	July 31	6201	1289	123	1628
Fireproof blinds. Slat for constructing.....	H. E. Vance.....	827,677	July 31	6202	1289	123	1628
Fireproof building construction.....	J. A. Ferguson.....	836,310	Nov. 20	2810	596	125	797
Fireproof building construction.....	C. Collins.....	838,845	Dec. 18	3103	668	125	2209
Fireproof column.....	J. J. Tresidder.....	820,156	May 8	2314	505	122	578
Fireproof column and column-cap.....	J. J. Tresidder.....	813,183	Feb. 20	3323	731	120	2300
Fireproof conductors. Making.....	A. M. Lougee.....	809,312	Jan. 9	1416	287	120	346
Fireproof curtain.....	L. J. Carter.....	828,532	Aug. 14	1697	357	123	2118
Fireproof door.....	E. B. Tonnsen.....	825,777	July 10	2276	472	123	601
Fireproof door.....	A. H. Diver.....	826,549	July 24	3815	791	123	1015
Fireproof door.....	S. I. Rockmore.....	837,734	Dec. 4	921	208	125	1584
Fireproof door. Automatically-closing.....	H. C. Smith.....	830,745	Sept. 11	1753	361	124	473
Fireproof double-glazed window. Hollow.....	L. Christenson.....	834,968	Nov. 6	164	34	125	45
Fireproof fixture.....	E. F. Fitzpatrick.....	816,309	Mar. 27	4706	998-9	121	1182
Fireproof floor construction.....	A. Jordahl.....	824,363	June 26	4205	898	122	2806
Fireproof metal window.....	R. C. Lieb.....	811,072	Jan. 30	4996	1043	120	1245
Fireproof metal window frame and sash.....	S. Keighley.....	818,969	Apr. 24	4835	1039	121	2577
Fireproof partition.....	A. E. Klotz.....	823,052	June 12	1643	340	122	2135
Fireproof receptacle.....	G. C. Witt.....	836,168	Nov. 20	2516	527	125	722
Fireproof safe.....	M. Mosler.....	824,733	June 26	4237	903	122	2812
Fireproof safe and filling the walls of the same.....	W. H. and E. C. Hall.....	816,724	Apr. 3	343	79	121	1436
Fireproof sash structure.....	F. Dutcher.....	812,732	Feb. 13	2429	532	120	2058
Fireproof sizing.....	T. F. Odell.....	815,207	Mar. 13	2436	.....	121	591
Fireproof vault. Portable.....	W. H. Hedges.....	810,861	Jan. 23	4557	949	120	1117
Fireproof walls. Means for making.....	W. Bieber.....	834,253	Oct. 30	4755	1006	124	2550
Fireproof window.....	S. H. Pomeroy.....	810,564	Jan. 23	4011	826	120	977
Fireproof window.....	W. H. Miller.....	816,242	Mar. 27	4573	973-4	121	1152
Fireproof window.....	O. M. Otte.....	817,269	Apr. 10	1440	303-4	121	1735
Fireproof window.....	D. B. and A. C. Badger.....	821,975	May 29	5987	1276-7	122	1561
Fireproof window.....	W. H. Mullins and W. C. Hare.....	825,002	July 3	648	130	123	170
Fireproof window.....	J. Knittweis.....	833,061	Oct. 9	2086	439	124	1755
Fireproof window and casing.....	P. F. Brandstedt.....	817,138	Apr. 3	1156	239-40	121	1616
Fireproof window. Automatic.....	E. T. Wilkinson.....	815,772	Mar. 20	3621	761-2	121	895
Fireproof window frame and sash.....	W. P. Kirk.....	816,862	Apr. 3	626	130-1	121	1497
Fireproof window frame and sash.....	F. W. Schaeffer.....	819,810	May 8	1551	329	122	409
Fireproof window. Sheet-metal.....	W. H. Miller.....	810,663	Jan. 23	4195	868	120	1038
Fireproof window with revolvable sash. Hollow.....	L. Christenson.....	835,098	Nov. 6	455	92	125	119
Fireproof wire.....	A. M. Lougee.....	809,311	Jan. 9	1413	287	120	346
Fireworks.....	W. A. Gilmer.....	818,950	Apr. 24	4798	1031	121	2570
Fish. Apparatus for catching.....	O. G. Bolitho.....	827,076	July 31	4873	1016	123	1294
Fish. Apparatus for dry-curing.....	V. Whitman.....	813,264	Feb. 20	3472	766	120	2330
Fish-bait or lure.....	B. O. Rhodes.....	824,817	July 3	272	49	123	75
Fish-culture tank.....	A. Rückl.....	833,418	Oct. 16	2835	601	124	1993
Fish-dressing means.....	E. A. Smith.....	818,305	Apr. 17	3508	753	121	2236
Fish. Dry-curing.....	V. Whitman.....	813,265	Feb. 20	3475	766	120	2331
Fish-hook.....	D. E. Robinson.....	814,624	Mar. 6	1244	262	121	269
Fish-hook.....	C. A. Shaw.....	816,130	Mar. 27	4359	923	121	1107
Fish-hook.....	W. A. Scott.....	821,544	May 22	5132	1094	122	1318
Fish-hook.....	A. F. Bingenheimer.....	823,460	June 12	2466	521	122	2312
Fish-hook.....	C. M. Curtis.....	825,639	July 10	2005	418	123	535
Fish-hook.....	W. Shakespeare, Jr.....	827,757	Aug. 7	125	27	123	1701
Fish-hook.....	W. T. Rice.....	828,505	Aug. 14	1641	346	123	2105
Fish-hook.....	H. L. Phelps.....	828,964	Aug. 21	2543	538	123	2365
Fish-hook.....	J. J. Strozier and F. M. Wilson.....	829,302	Aug. 21	3262	687	123	2546

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Fish-hook.	J. E. Buckingham, Jr.	831,211	Sept. 18	2639	555	124	716
Fish-hook.	O. Hallstrom.	831,552	Sept. 25	3323	697	124	927
Fish-hook.	J. S. Parke.	831,980	Sept. 25	4204	877	124	1155
Fish-hook.	F. C. Woods.	832,520	Oct. 2	998	201	124	1452
Fish-hook.	F. M. Landon.	834,307	Oct. 30	4854	1025	124	2575
Fish-hook.	H. F. Strehlow.	835,766	Nov. 13	1743	372	125	482
Fish-hook.	F. J. Hipp.	836,038	Nov. 13	2220	475	125	597
Fish-hook. Spring.	A. S. Martin.	839,611	Dec. 25	4617	986	125	2625
Fish-hook. Weedless.	W. Stanley.	832,929	Oct. 9	1839	380	124	1694
Fish-line guard.	E. W. Hildreth.	834,056	Oct. 23	4316	916	124	2393
Fish-line holder and puller.	G. P. Schmidt, Jr.	834,414	Oct. 30	5065	1074	124	2627
Fish-line reel.	H. H. Richardson.	817,987	Apr. 17	2868	621	121	2101
Fish-line reel.	H. H. Richardson.	824,438	June 26	4382	932	122	2841
Fish-line reel.	B. O. Rhodes.	828,969	Aug. 21	2554	541	123	2367
Fish-line reel.	W. E. Marhoff.	833,842	Oct. 23	3729	793	124	2252
Fish-net-lifting machine.	K. Paulson.	812,677	Feb. 13	2323	506-7	120	2036
Fish opener. Shell.	H. P. Gorman.	837,465	Dec. 4	379	87	125	1450
Fish opener. Shell.	H. P. Gorman.	838,104	Dec. 11	1656	357	125	1812
Fish-plate.	G. H. Cornwell.	818,418	Apr. 24	3728	800	121	2338
Fish-plates. Apparatus for manufacturing.	P. J. Dalton.	822,509	June 5	552	111	122	1848
Fish-plates. Manufacturing.	R. B. Charlton.	828,272	Aug. 7	1144	240	123	1949
Fish preservation.	W. Lamb.	816,343	Mar. 27	4806		121	1202
Fish. Preserving.	W. Lamb.	827,452	July 31	5672		123	1493
Fish-rod ferrule.	C. A. Tredwell.	837,157	Nov. 27	4540	963	125	1252
Fish-scaler.	C. M. Soule.	829,743	Aug. 28	4210	891	123	2826
Fish stringer and carrier.	W. J. Farmer.	827,855	Aug. 7	329	70	123	1752
Fish-trap.	A. L. Schupbach.	812,300	Feb. 13	1603	352	120	1891
Fish-trap.	J. Swart.	831,690	Sept. 25	3631	760	124	1012
Fish-trap.	J. H. Crowson.	832,778	Oct. 9	1535	313	124	1621
Fisherman's combination-tool.	C. R. and O. G. Ferguson.	836,248	Nov. 20	2688	571	125	765
Fishing cork or float.	R. M. Varnedoe.	838,920	Dec. 18	3230		125	2237
Fishing device.	H. T. Stanton.	829,608	Aug. 28	3931	832	123	2759
Fishing device.	A. O. Lystne.	809,965	Jan. 16	2718	559	120	681
Fishing device.	W. L. Moss.	810,789	Jan. 23	4434	920	120	1089
Fishing device.	W. S. Freel.	811,555	Feb. 6	33	8	120	1492
Fishing device.	E. and B. D. Barnes.	830,404	Sept. 4	1021	214	124	252
Fishing-float.	L. M. Johnson.	813,153	Feb. 20	3271	719	120	2289
Fishing-float.	F. E. Chester.	835,500	Nov. 13	1244	268	125	359
Fishing-float.	G. E. Hall.	837,057	Nov. 27	4347	922	125	1206
Fishing-hook.	W. Cooper.	823,319	June 12	2218	462	122	2260
Fishing-net.	F. H. Haskell.	834,905	Nov. 6	61	12	125	18
Fishing-reel.	F. L. Dickson.	812,023	Feb. 6	999	218	120	1691
Fishing-reel.	W. Ernst and A. A. Patton.	818,880	Apr. 24	4669	1002	121	2540
Fishing-reel.	G. W. Upton.	820,326	May 8	2635	574	122	650
Fishing-reel.	W. Shakespeare, Jr.	820,609	May 15	3207	689	122	835
Fishing-reel.	W. H. Glocker.	822,113	May 29	6249	1331	122	1626
Fishing-reel.	B. K. Donaldson.	822,436	June 5	392	82	122	1810
Fishing-reel.	J. J. Grignon.	827,972	Aug. 7	558	114	123	1810
Fishing-reel.	T. W. Bryant.	832,291	Oct. 2	552	104	124	1346
Fishing-reel.	C. M. Verrill.	833,430	Oct. 16	2868	607	124	2002
Fishing-reel.	L. B. Ross.	835,557	Nov. 13	1348	289	125	384
Fishing-reel.	A. E. Latta.	837,080	Nov. 27	4388	930	125	1216
Fishing-reel.	E. V. Myers.	837,489	Dec. 4	416	95	125	1460
Fishing-reel.	G. A. Young.	838,491	Dec. 11	2420	525-6	125	1997
Fishing-reel.	S. Sykes.	838,915	Dec. 18	3222	696	125	2236
Fishing-rod.	J. B. Fischer.	813,492	Feb. 27	3954	867	120	2495
Fishing-rod.	G. C. Bearse.	819,500	May 1	928	203	122	208
Fishing-rod.	C. G. Levison.	828,557	Aug. 14	1751	368	123	2134
Fishing-rod.	H. W. Buschemeyer.	839,104	Dec. 25	3617	781	125	2308
Fishing-rod case or holder.	E. A. Lamphier.	827,736	Aug. 7	78	15-16	123	1689
Fishing-rod reel-clamp.	C. H. Terry.	820,685	May 15	3352	718	122	864
Fishing-rod reel-clamp.	W. T. Heddon.	837,565	Dec. 4	564	131	125	1496
Fishing-rods. Finger-hook for.	T. B. Galbraith.	834,571	Oct. 30	5350	1136	124	2700
Fishing-tackle.	B. Waldberg.	809,343	Jan. 9	1475	298	120	360
Fishing-tackle.	D. Fraser.	831,150	Sept. 18	2531	533	124	690
Fishing-tackle.	B. F. Flegel.	832,307	Oct. 2	592	111	124	1355
Fishing-tackle. Weedless.	H. L. Phelps.	824,739	July 3	74	15	123	22
Fishpole.	J. Pepper, Jr.	814,321	Mar. 6	647	131	121	141
Fitting-stand for dressmakers, &c.	J. J. Bair.	811,268	Jan. 30	5402	1127	120	1333
Fittings. Cleaning device for.	R. Butler.	837,035	Nov. 27	4300	913-14	125	1193
Fixture-switch.	H. R. Sargent.	829,806	Aug. 28	4347	919	123	2861
Flag, staff, and holder. Combined signal.	E. Pax and W. D. Carrick.	815,115	Mar. 13	2252	468	121	542
Flagstaff-column.	R. W. Teese.	822,405	June 5	339	70	122	1800
Flakes or scales. Making metallic.	T. A. Edison.	821,627	May 29	5300		122	1413
Flanging die. Plate.	R. J. Webster.	826,074	July 17	2837	589	123	756
Flanging-machine.	L. N. McCarter.	825,235	July 3	1086	229-30	123	283
Flanging machine. Cap.	J. Brenzinger.	816,001	Mar. 27	4093	865	121	1050
Flash-light apparatus.	J. Fiedler and F. Hrdliczka-Csiszar.	822,263	June 5	75	15	122	1745
Flash-light apparatus.	J. A. Foust.	832,662	Oct. 9	1300	261-2	124	1566
Flash-light apparatus. Automatic.	S. Berens and A. N. Gatzert.	813,077	Feb. 20	3111	682	120	2255
Flash-light cartridge.	G. H. Herrmann.	811,780	Feb. 6	455	98	120	1584
Flash-light composition.	A. Eichengrün.	812,028	Feb. 6	1007		120	1693
Flash-light device.	T. Azuma.	813,849	Feb. 27	4654	1029	120	2645
Flash-light screen.	F. L. Crocker.	820,476	May 15	2943	637	122	777
Flask:							
See Concrete-block-mold-	Molding-flask.						
ing flask.	Oil-flask.						
Field or hunting flask.							
Flask.	O. D. Jamouneau.	831,074	Sept. 18	2385	501	124	661
Flat-iron.	F. Johnson.	819,761	May 8	1446	309	122	384
Flat-iron stand.	E. B. Fisher.	837,921	Dec. 11	1275	279	125	1713
Flax and hemp straw, &c. Treating.	C. Colahan.	828,813	Aug. 14	2233	476	123	2256
Flax and other fibers. Apparatus for treating and dressing.	A. L. J. Tait.	839,673	Dec. 25	4760	1017-18	125	2658
Fleece-carrier.	T. E. Ainley.	816,417	Mar. 27	4966	1055	121	1236
Flexible coupling.	T. A. Wooldridge and E. A. Ward.	809,088	Jan. 9	2528	524	120	589

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prig.	Vol.	Page.
Flexible pipe.	A. O'Brien.	809,977	Jan. 16	2738	563	120	687
Flexible tube.	E. T. Greenfield.	817,059	Apr. 3	1017	209	121	1584
Floater.	C. A. Waldo.	831,637	Sept. 25	3505	735	124	975
Floater mechanism.	P. S. Mauritzen.	827,549	July 31	5928	1229	123	1555
Floater trap. Thermo.	J. F. McElroy.	834,991	Nov. 6	222	48	125	59
Floater from logs of wood. Means for forming.	H. Butenschön.	820,699	May 15	3373	722	122	868
Floater.	G. A. Marsh.	829,721	Aug. 28	4166	882	123	2814
Floating elevator or lighter.	M. S. Iverson.	812,206	Feb. 13	1401	304-5	120	1844
Floating structures. Steady foundation for.	W. E. Murray.	825,149	July 3	914	193-4	123	242
Flood-gate.	L. W. Travis.	813,842	Feb. 27	4642	1026-7	120	2643
Floor.	T. Cantwell.	825,582	July 10	1846	392	123	493
Floor.	A. G. Pierce.	834,023	Oct. 23	4245	900	124	2377
Floor and cabinet scraper.	S. E. Collins.	819,126	May 1	187	38	122	48
Floor and ceiling plate.	A. J. Beaton.	837,536	Dec. 4	506	117	125	1482
Floor. Artificial-stone.	P. Langguth.	823,950	June 19	3434	733	122	2584
Floor-clamp.	F. L. Buff.	829,946	Sept. 4	14	3	124	5
Floor-cleaning means.	F. F. Anderson.	811,119	Jan. 30	5083	1063	120	1264
Floor covering. Apparatus for the manufacture of inlaid.	W. D. Snow.	835,000	Nov. 6	241	52-4	125	63
Floor drain and trap.	H. C. Gradwohl.	814,441	Mar. 6	898	184	121	195
Floor-drain. Dry-pan.	J. P. Farley.	835,852	Nov. 13	1907	404	125	523
Floor-dressing device.	C. W. Swanson.	817,407	Apr. 10	1709	360	121	1793
Floor-dressing machine.	F. R. Bumpus and J. Kyle.	817,041	Apr. 3	984	201	121	1577
Floor-dressing machine.	C. B. Wattles.	817,410	Apr. 10	1715	361	121	1794
Floor-dressing machine.	C. B. Wattles.	819,391	May 1	723	153	122	164
Floor-dressing machine.	C. B. Wattles.	820,751	May 15	3472	744-5	122	893
Floor. Dumping.	J. F. Dornfeld.	816,716	Apr. 3	331	77	121	1433
Floor-polisher.	W. H. Strange.	821,763	May 29	5587	1190	122	1476
Floor-polishing device.	O. H. Ostlund.	835,317	Nov. 6	886	187-8	125	224
Floor-scraper.	E. Eriksson.	811,282	Jan. 30	5430	1132	120	1339
Floor-scraper.	S. A. M. Linville.	812,055	Feb. 6	1048	228	120	1702
Floor-scraper.	A. O. Nordquist.	821,525	May 22	5098	1086	122	1311
Floor-scraper.	H. S. Durkee.	827,791	Aug. 7	213	42	123	1724
Floor-scraper.	C. Duda.	830,651	Sept. 11	1540	318	124	414
Floor-scraper.	C. F. Swenson.	835,690	Nov. 13	1599	341	125	446
Floor-set.	C. L. Hopkins.	822,126	May 29	6274	1336	122	1632
Floor, sidewalk, and like construction.	P. H. Jackson.	833,461	Oct. 16	2942	625	124	2018
Floor structure.	J. Erath.	811,491	Jan. 30	5799	1214	120	1416
Floor-support for buildings.	E. P. Sperry.	823,558	June 19	2700	571	122	2422
Floor, wall, or ceiling plate.	L. G. Olmsted.	835,635	Nov. 13	1513	323	125	426
Floor waxing, polishing, and cleaning machine.	F. B. Reichenbach.	809,580	Jan. 9	1960	407	120	463
Floors, ceilings, &c. Surface-finishing for.	J. J. Blackman.	814,934	Mar. 13	1848	387	121	461
Floors. Laying patterned cement.	E. Bidtel.	827,287	July 31	5314	1101	123	1405
Floors. Machine for dressing and finishing surfaces of.	J. J. Kelly.	810,770	Jan. 23	4393	911	120	1082
Flooring. Machine for grinding mosaic.	W. H. Mooney, J. E. Peirce, and T. H. Mooney.	835,631	Nov. 13	1505	320-1	125	424
Flooring. Parquet.	S. A. Alexander.	812,320	Feb. 13	1636	360	120	1899
Flooring. Stable.	A. G. Hupiel.	821,417	May 22	4899	1041	122	1268
Flour bleacher and purifier.	R. I. Agner.	812,110	Feb. 6	1149	252	120	1722
Flour-can and flour-holder. Dustless.	W. G. Gadue. (Reissue).	12,464	Mar. 20	3954	837	121	966
Flour flakes produced by the smooth rolls in flour-milling and for kindred purposes. Apparatus for conveying and disintegrating.	G. Hudson.	827,912	Aug. 7	418	89-90	123	1774
Flour-mill rolls. Truing device for.	C. Dawson.	810,627	Jan. 23	4138	855	120	1025
Flour-reel attachment.	A. P. and C. E. Spitzer.	836,409	Nov. 20	3001	636	125	840
Flour-refining machine.	C. L. Gerrard.	832,372	Oct. 2	707	136-7	124	1383
Flour. Treating.	J. E. Mitchell.	812,764	Feb. 13	2486	546	120	2070
Flour. Treating.	E. E. Werner.	812,777	Feb. 13	2507	551	120	2074
Flour-treating apparatus.	R. L. Downton.	833,708	Oct. 16	3427	730	124	2131
Flower and making same. Artificial.	E. Case.	815,005	Mar. 13	2000	421	121	490
Flower-box and jardinière.	C. Wharton, Jr.	837,524	Dec. 4	482	110	125	1476
Flower-pot stand. Adjustable.	A. Graefe.	811,712	Feb. 6	337	74	120	1561
Flower stand or support.	W. H. Crawford.	816,077	Mar. 27	4262	903	121	1087
Flower-supporter.	A. Heim.	827,442	July 31	5655	1172	123	1489
Flue-cleaner.	W. P. Wilson.	822,706	June 5	964	197	122	1941
Flue-cleaner turner.	C. S. Dean.	821,613	May 29	5276	1125-6	122	1407
Flue-cleaner. Stove and range.	W. Jaques.	811,503	Jan. 30	5821	1218	120	1420
Flue-cutter.	W. Hoffa.	817,319	Apr. 10	1529	321	121	1753
Flue-cutter.	G. W. Mitchell and T. Broadfoot.	826,346	July 17	3348	692	123	870
Flue-cutter.	W. McCormick.	833,843	Oct. 23	3731	793	124	2253
Flue-expander.	O. Swanson.	814,248	Mar. 6	488	100	121	105
Flue expanding and beading tool. Combined.	J. V. Terry.	829,303	Aug. 21	3263	688	123	2547
Flue-ferrule.	J. H. Price.	822,475	June 5	471	96	122	1828
Flue or tube cutter.	D. W. Amos and C. H. Jones.	818,213	Apr. 17	3322	711	121	2198
Flue-rattler.	F. H. Adams.	822,035	May 29	6099	1299-1301	122	1591
Flue-scraper for evaporators, boilers, and the like.	T. Suzuki.	810,996	Jan. 30	4869	1013-14	120	1218
Flue-stop.	M. B. Lee.	814,853	Mar. 13	1711	357	121	432
Flue-stop. Folding.	J. C. Carr.	819,515	May 1	951	808	122	213
Flue-stopper.	G. T. Bacon and W. Aab.	816,060	Mar. 27	4215	294	121	1076
Flue-stopper.	C. L. Embody.	821,792	May 29	5647	1203	122	1490
Flue-stopper.	F. M. Needham.	822,756	June 5	1049	215	122	1959
Flue-stopper.	A. Piche.	825,240	July 3	1094	231	123	286
Flue-stopper.	L. Russell.	829,894	Aug. 28	4523	954	123	2903
Flue-stopper.	C. A. Roseland.	836,216	Nov. 20	2610	550	125	746
Flue swaging and plugging machine.	W. R. Barnes.	818,337	Apr. 17	3567	763-4	121	2248
Fluid-compressor.	N. A. Christensen.	823,156	June 12	1365	385-6	122	2182
Fluid-compressors. Automatic safety device for.	J. W. Dawson.	827,060	July 24	4817	1003	123	1266
Fluid-compressors. Means for controlling.	S. H. Libby.	839,609	Dec. 25	4613	985	125	2623
Fluid-coupling. Automatic.	C. H. Tomlinson.	833,702	Oct. 16	3414	727-8	124	2127
Fluid-dispensing apparatus.	W. R. Boyer and G. P. Laubenstein.	829,762	Aug. 28	4241	898	123	2835
Fluid-distributing apparatus.	A. Keller.	826,512	July 17	3720	771	123	977
Fluid engine. Elastic.	H. A. Duc, Jr.	834,371	Oct. 30	4983	1055	124	2608
Fluid-feed indicator. Visible.	C. L. Graham.	828,108	Aug. 7	844	174	123	1879
Fluid-feeding apparatus.	J. C. W. Greth.	831,059	Sept. 18	2341	494	124	650
Fluid-fuel burner.	F. L. McGahan and E. G. Flager.	811,078	Jan. 30	5005	1045-6	120	1247

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Fluid-fuel burner.	E. G. Flager and F. L. McGahan.	824,689	June 26	4876	1038	122	2949
Fluid-gage.	M. Martin.	827,318	July 31	5370	1117	123	1420
Fluid generator. Elastic.	J. C. Tonkin.	822,491	June 5	511	104	122	1837
Fluid-impelling device. Rotary.	A. E. Guy.	819,273	May 1	487	101	122	113
Fluid in cities. Controller for distribution of.	F. J. Foveaux.	821,160	May 22	4372	930	122	1152
Fluid-joint. Flexible.	C. G. Hawley.	814,289	Mar. 6	558	117	121	120
Fluid-level-controlling means.	J. B. Waring.	811,188	Jan. 30	5240	1096-7	120	1297
Fluid-meter.	F. Lambert.	825,399	July 10	1433	299	123	390
Fluid-mixing apparatus.	S. Manning.	839,494	Dec. 25	4403	940	125	2572
Fluid-motor. Electrically-driven.	G. A. Bronder.	832,653	Oct. 9	1287	259	124	1563
Fluid-operated engine.	B. V. Nordberg.	812,151	Feb. 6	1248	271	120	1745
Fluid-pressure brake.	W. V. Turner and J. S. Custer.	810,514	Jan. 23	3917	805-6	120	977
Fluid-pressure brake.	M. W. Hibbard.	816,859	Apr. 3	618	129-30	121	1496
Fluid-pressure brake.	R. H. Blackall.	817,953	Apr. 17	2813	609	121	2089
Fluid-pressure brake.	W. P. A. Macfarlane.	819,032	Apr. 24	4960	1064	121	2604
Fluid-pressure brake.	J. A. Hicks and F. H. Hill.	824,718	July 3	40	7	123	14
Fluid-pressure brake.	W. H. Sauvage.	825,077	July 3	774	161-2	123	207
Fluid-pressure brake.	W. V. Turner and D. M. Lewis.	825,990	July 17	2665	553	123	714
Fluid-pressure brake.	G. L. Starr.	827,823	Aug. 7	265	54	123	1737
Fluid-pressure brake.	A. Parker-Smith.	827,880	Aug. 7	370	79	123	1762
Fluid-pressure brake.	R. Fitzgerald.	833,161	Oct. 16	2291	482	124	1854
Fluid-pressure brake.	W. V. Turner.	834,342	Oct. 30	4909	1040	124	2589
Fluid-pressure brake.	W. V. Turner.	834,344	Oct. 30	4916	1041	124	2591
Fluid-pressure brake.	H. H. Westinghouse.	836,160	Nov. 20	2494	524	125	717
Fluid-pressure brake.	W. H. Sauvage.	837,965	Dec. 11	1369	298	125	1737
Fluid-pressure brake and other apparatus.	J. N. Weekly.	818,320	Apr. 17	3533	758	121	2242
Fluid-pressure brakes. Feed-control valve device for.	L. Krimmelbein.	820,650	May 15	3271	703	122	848
Fluid-pressure-control system.	W. J. Richards.	821,673	May 29	5400	1151	122	1432
Fluid-pressure cylinder.	T. J. Mitchell.	821,663	May 29	5374	1146	122	1427
Fluid-pressure engine.	E. Roach.	818,121	Apr. 17	3136	674	121	2158
Fluid-pressure generator.	A. Baudin.	813,075	Feb. 20	3109	681	120	2254
Fluid-pressure governor.	G. Macloskie.	826,341	July 17	3339	690-1	123	877
Fluid-pressure motor.	F. Sage.	811,665	Feb. 6	257	56-7	120	1541
Fluid-pressure motor. Compound.	J. P. Magney and W. H. Masterman.	823,060	June 12	1661	344	122	2138
Fluid-pressure motors. Governor for.	C. H. Johnson.	824,425	June 26	4357	927	122	2835
Fluid-pressure reducing or regulating apparatus.	F. Kaefele.	834,060	Oct. 23	4322	919	124	2395
Fluid-pressure regulator.	A. Andrews.	821,574	May 22	5180	1106	122	1327
Fluid-pressure regulator. Automatic.	R. B. Bell.	826,530	July 24	3774	782	123	1004
Fluid-pressure system.	F. E. Case.	815,903	Mar. 20	3900	825	121	955
Fluid-pressure system.	F. B. Corey.	829,845	Aug. 28	4423	934	123	2879
Fluid-pressure systems. Automatic controlling means for.	J. C. Chamberlain and A. T. Marshall.	834,870	Oct. 30	5966	1267	124	2855
Fluid-pressures. System of regulating.	F. Robbin.	833,002	Oct. 9	1973	412	124	1727
Fluid-receptacle.	P. N. Stowby.	834,333	Oct. 30	4896	1037	124	2585
Fluid-supply fitting.	P. Connolly.	816,559	Apr. 3	13	4	121	1357
Fluid-supply fitting.	P. Connolly.	833,025	Oct. 9	2009	421	124	1736
Fluid-tempering apparatus.	B. Haynie.	830,995	Sept. 11	2190	463	124	580
Fluids. Air or gas lift for.	W. B. Harris.	814,601	Mar. 6	1194	250	121	259
Fluids. Compression of elastic.	S. Z. de Ferranti.	832,783	Oct. 9	1542	315-17	124	1623
Fluids. Compression of elastic.	S. Z. de Ferranti.	832,784	Oct. 9	1546	317-18	124	1624
Fluids. Device for governing the flow of.	G. G. Porter.	829,669	Aug. 28	4046	857	123	2788
Fluids. Grating for facilitating the flow of.	J. Grouvelle and H. Arquembourg.	822,736	June 5	1016	208	122	1952
Fluids to surfaces. Machine for applying.	R. W. Shely.	826,897	July 24	4508	939	123	1191
Fluids under pressure. Vessel for containing.	P. J. Foulon.	837,395	Dec. 4	233	59	125	1414
Flush.	A. J. Barr.	809,603	Jan. 9	2022	419	120	475
Flush-tank.	M. Hogan.	814,208	Mar. 6	395	80	121	87
Flush-tank.	F. A. Magowan.	830,243	Sept. 4	691	138	124	175
Flush-tank-operating device.	B. O. Tilden.	821,002	May 22	4062	864	122	1084
Flushing apparatus.	J. W. Minton.	818,185	Apr. 17	3269	700	121	2187
Flushing apparatus.	C. H. Colvin.	821,282	May 22	4601	980	122	1202
Flushing apparatus.	J. Denton.	833,681	Oct. 16	3788	718	124	2119
Flushing attachment.	J. Kleinbach and K. Bareis.	820,795	May 15	3572	763	122	915
Flushing attachment. Sink.	H. J. Holmes.	831,722	Sept. 25	3690	772	124	1028
Flushing closet. Automatic.	J. M. Askins.	832,832	Oct. 9	1646	338	124	1647
Flushing device.	J. N. Sanger.	822,306	June 5	166	33	122	1764
Flushing-tank.	W. Burns, Sr.	814,353	Mar. 6	721	145	121	159
Flushing-tank.	W. A. Williams.	826,001	July 17	2701	559	123	723
Flushing-tank.	B. Eastwood.	827,716	Aug. 7	38	9	123	1679
Flushing-tank.	W. Heip.	828,603	Aug. 14	1830	385	123	2154
Flushing-tank.	W. A. Alexander.	830,280	Sept. 4	775	159	124	194
Flushometer.	J. W. Grantland.	822,116	May 29	6257	1332	122	1628
Fluxes in fluid slag. Dissolving solid.	R. A. Brooks.	834,256	Oct. 30	4761	1007	124	2552
Fly and other insect catching device.	F. C. W. Timm.	822,087	May 29	6195	1320	122	1614
Fly and other insect escape.	P. W. Bailey.	834,039	Oct. 23	4271	906	124	2382
Fly-catcher.	V. Oberting.	828,048	Aug. 7	718	147	123	1848
Fly-catcher.	F. I. Macauley.	816,929	Apr. 3	763	157	121	1528
Fly-catcher.	J. Gribbin.	822,735	June 5	1015	208	122	1951
Fly-catcher.	C. Wenigmann.	830,266	Sept. 4	753	154	124	189
Fly-catching device.	H. R. Corbett.	836,634	Nov. 20	3427	732	125	941
Fly-escape.	A. W. Salokar.	831,380	Sept. 18	2977	632	124	803
Fly-paper.	J. H. Bien.	813,196	Feb. 20	3345	736	120	2304
Fly-paper guard and holder.	E. A. Gathmann and W. S. Hermany.	827,006	July 24	4694	978-9	123	1235
Fly-paper holder.	J. W. Hixson.	809,951	Jan. 16	2687	554	120	676
Fly-paper holder.	A. Eppele.	835,239	Nov. 6	735	153	125	186
Fly-paper holder. Sticky.	G. and G. C. G. Laube.	825,275	July 3	1159	245	123	302
Fly-press. Hydraulic.	B. Gerdau.	819,988	May 8	1949	430	122	495
Fly-screen.	W. E. Hart.	810,534	Jan. 23	3952	813	120	984
Fly-screen.	R. J. Meyer.	822,534	June 5	592	119	122	1857
Fly-screen. Adjustable.	J. A. Marquardt.	813,727	Feb. 27	4400	970	120	2591
Fly-shield.	W. F. Elliott.	826,714	July 24	4150	862	123	1101
Fly-shield.	W. F. Elliott.	836,021	Nov. 13	2193	470	125	589
Fly-trap.	W. H. Grasser.	812,169	Feb. 6	1300	284	120	1754
Fly-trap.	J. B. F. Pierce.	816,499	Mar. 27	5124	1086	121	1269
Fly-trap.	B. Lenthiar and J. B. Rouilliard.	818,836	Apr. 24	4589	984	121	2523

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Fly-trap.....	T. M. Case.....	820,389	May 15	2770	601	122	740
Fly-trap.....	F. G. Wilson.....	821,913	May 29	5366	1247	122	1539
Fly-trap.....	J. R. Sourby and R. J. Riley.....	821,965	May 29	5971	1272	122	1561
Fly-trap.....	W. E. Thompson.....	824,517	June 26	4538	962	122	2878
Fly-trap.....	F. Klousnitzer.....	825,660	July 10	2053	429	123	547
Fly-trap.....	H. J. Steinmann.....	835,264	Nov. 6	780	163	125	197
Fly-trap for windows, doors, &c.....	S. A. Newman.....	837,245	Nov. 27	4699	997	125	1292
Fly-trap. Mechanical.....	T. W. Thornton.....	810,094	Jan. 16	2993	624	120	743
Flying-machine.....	O. and W. Wright.....	821,393	May 22	4847	1029	122	1257
Flying-machine wing.....	J. Hofmann.....	827,017	July 24	4712	982-3	123	1241
Fodder-binder.....	J. Grill, Jr.....	813,646	Feb. 27	4252	934	120	2559
Fodder-binder.....	C. R. Pierce.....	828,900	Aug. 21	2427	516	123	2336
Fodder-bundle binder.....	R. C. Smith.....	817,011	Apr. 3	928	191	121	1563
Fodder-cutter.....	F. G. Harrison and A. C. Jacoby.....	810,204	Jan. 16	3218	666	120	786
Fodder-cutter.....	J. K. Wilder.....	826,459	July 17	3565	742	123	933
Fodder elevator and loader. Corn.....	F. A. R., H. C., and O. L. Fiebach.....	810,739	Jan. 23	4326	899	120	1067
Fodder loader and hauler.....	M. Plackard.....	809,323	Jan. 9	1436	290	120	350
Fog-horn.....	J. Wilson.....	830,395	Sept. 4	1006	210	124	248
Foldable stand.....	E. J. Whitlow.....	827,338	July 31	5414	1126	123	1431
Folder and binding.....	E. J. Meisenheimer.....	812,798	Feb. 13	2550	561	120	2085
Folding and other machines. Delivery mechanism for.....	C. A. Sturtevant.....	830,190	Sept. 4	575	117-18	124	146
Folding and other machines. Frame construction for.....	C. A. Sturtevant.....	825,429	July 10	1521	314-15	123	414
Folding box.....	P. O'Riley.....	811,659	Feb. 6	243	52	120	1538
Folding box.....	E. G. Brown.....	813,347	Feb. 20	3649	800	120	2367
Folding box.....	M. Hirsch.....	815,704	Mar. 20	3463	723	121	863
Folding box.....	H. W. Stuart.....	817,531	Apr. 10	1963	415	121	1845
Folding box.....	L. F. Hale.....	820,301	May 8	2599	566	122	641
Folding box.....	W. H. Richmond.....	823,810	June 19	3167	670	122	2525
Folding box.....	A. Florence.....	825,044	July 3	718	151	123	193
Folding box.....	H. B. Drew.....	831,712	Sept. 25	3675	769	124	1024
Folding chair.....	W. A. Bradley.....	815,507	Mar. 20	3068	639	121	776
Folding chair.....	J. E. Eisele.....	816,853	Apr. 3	607	127	121	1494
Folding chair.....	H. Nichols.....	828,136	Aug. 7	888	183	123	1890
Folding chair. Child's.....	J. B. Peabody.....	828,501	Aug. 14	1631	345	123	2103
Folding machine.....	R. F. Johnson.....	834,383	Oct. 30	5007	1060	124	2614
Folding machine.....	A. R. Nauer.....	817,929	Apr. 17	2760	598	121	2077
Folding machine.....	R. C. Seymour.....	820,675	May 15	3329	714-15	122	860
Folding machine.....	C. A. Sturtevant.....	824,754	July 3	104	21-2	123	30
Folding machine.....	T. C. Dexter.....	826,998	July 24	4676	974-6	123	1232
Folding machine.....	A. B. Dick.....	827,512	July 31	5846	1211-12	123	1535
Folding machine.....	F. G. Nind.....	833,236	Oct. 16	2467	517	124	1900
Folding machine.....	S. G. Goss.....	836,751	Nov. 27	3716	793	125	1050
Folding-machines. Paper-slitting device for.....	W. A. La Sor and C. M. Smith. (Reissue.).....	12,456	Feb. 20	3751	823-4	120	2389
Folding seat and step.....	C. N. Hazelton.....	820,973	May 22	3994	848	122	1069
Folding seat applicable for outdoor use, theaters, and other purposes.....	T. Brierley.....	820,344	May 8	2668	581-3	122	657
Folding table.....	H. Buyten.....	810,616	Jan. 23	4120	850-1	120	1020
Folding table.....	L. K. Gibbs.....	827,722	Aug. 7	48	10	123	1682
Folding table.....	H. K. Fowhl.....	830,314	Sept. 4	836	172	124	209
Folding table and bucket-holder. Combined.....	H. Pike.....	828,965	Aug. 21	2544	539	123	2365
Folding-table brace.....	P. F. Swart.....	827,673	July 31	6194	1286	123	1626
Folding table. Invalid's.....	J. Scheibner.....	826,805	July 24	4308	896	123	1142
Follower.....	B. J. Lynch.....	822,849	June 5	1221	252	122	1995
Follower-block.....	B. C. Bradley.....	827,957	Aug. 7	531	109	123	1804
Food and making the same. Cattle.....	G. W. Hooven.....	836,765	Nov. 27	3728	.....	125	1053
Food. Animal.....	A. G. Manns.....	839,305	Dec. 25	4015	.....	123	2477
Food. Apparatus for producing and preparing certain articles of.....	V. M. Braschi.....	826,469	July 17	3582	747	123	937
Food-chopper.....	C. F. Smith.....	821,756	May 29	5573	1186	122	1473
Food-chopper.....	J. H. Shaw.....	833,422	Oct. 16	2840	603	124	1994
Food compound.....	N. Lattard.....	826,175	July 17	3023	.....	123	801
Food compound and preparing the same.....	E. T. Williams.....	811,466	Jan. 30	5757	.....	120	1407
Food cutting and lifting device.....	A. Woernle.....	834,601	Oct. 30	5412	1147	124	2715
Food extract from cornstalks.....	A. G. Manns.....	820,806	May 15	3600	.....	122	922
Food. Poultry health.....	C. P. Cartwright.....	826,990	July 24	4665	.....	123	1229
Food products and making the same. Vegetable and other.....	J. E. Bloom.....	825,888	July 17	2472	.....	123	661
Food products. Manufacturing.....	A. R. D. Braga.....	829,253	Aug. 21	3168	.....	123	2525
Food products. Manufacturing.....	A. R. D. Braga.....	829,254	Aug. 21	3169	.....	123	2525
Foods. Device for retaining heat in.....	F. S. Gouldthrite.....	835,857	Nov. 13	1917	405	125	524
Foods. Drying.....	A. T. Jones.....	827,730	Aug. 7	69	14	123	1688
Foot-arch supporter.....	F. B. Lee.....	811,512	Jan. 30	5838	1222	120	1424
Foot-ball.....	T. G. Aitken.....	836,356	Nov. 20	2890	613	125	814
Foot-rest.....	E. Sherman.....	815,046	Mar. 13	2099	441	121	513
Foot-rest.....	E. Galbraith.....	817,969	Apr. 17	2842	615	121	2094
Foot-scraper.....	F. C. Lancaster.....	828,220	Aug. 7	1041	218	123	1925
Foot-warmer.....	C. Schaefer.....	825,763	July 10	2248	467-8	123	594
Footwear.....	R. Christensen.....	837,385	Dec. 4	218	54	125	1410
Footwear. Anatomical.....	H. P. Cole.....	812,920	Feb. 20	2790	614	120	2183
Footwear. Apparatus for binding in the toes of.....	G. Kron.....	810,773	Jan. 23	4400	912-13	120	1083
Footwear. Machine for manufacturing.....	M. C. Clark.....	823,927	June 19	3388	723-4	122	2575
Footwear. Manufacture of.....	M. C. Clark.....	823,924	June 19	3379	721	122	2572
Footwear. Manufacture of.....	M. C. Clark.....	823,926	June 19	3382	722-3	122	2573
Footwear. Manufacture of vulcanized.....	M. C. Clark.....	823,928	June 19	3392	724-5	122	2576
Force-feed lubricator.....	C. W. Manzel.....	815,301	Mar. 13	2606	547-8	121	628
Force-feed lubricator.....	F. W. Hodges.....	820,419	May 15	2833	617	122	751
Force-feed lubricator.....	C. W. Manzel.....	820,979	May 22	4014	852-3	122	1073
Forced-feed lubricator.....	H. Dicker.....	833,682	Oct. 16	3379	718	124	2120
Forceps.....	J. Somers.....	828,146	Aug. 7	903	186	123	1893
Forceps. Animal.....	F. M. Rowe.....	836,217	Nov. 20	2611	550	125	746
Forceps for handling boiled clothes.....	L. W. Price.....	818,465	Apr. 24	3813	820	121	2356
Forceps. Obstetrical.....	L. G. Barton.....	820,845	May 15	3694	788	122	942
Forge-hood.....	F. W. Meier and W. A. Gipson.....	822,533	June 5	591	119	122	1856
Forges. Water-motor for blowers for.....	N. Tingley.....	832,100	Oct. 2	144	31	124	1246
Forging and welding machine.....	C. Reinhart.....	813,174	Feb. 20	3310	728	120	2297

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Forging-machine.....	T. C. Prouty.....	821,059	May 22	4166	886	122	1106
Forging-machine.....	O. Briede.....	822,878	June 5	1280	264	122	2006
Forging-machine.....	O. Briede. (Reissue).....	12,515	July 31	6252	1298	123	1642
Fork:							
<i>See</i> Agricultural fork. Loom weft-fork.							
Grapple-fork. Trolley-wheel fork.							
Hay-fork.							
Fork.....	W. A. Reddick.....	812,771	Feb. 13	2499	550	120	2072
Fork.....	J. W. Currier.....	816,536	Mar. 27	5196	1102	121	1287
Fork.....	L. E. Fatch.....	827,856	Aug. 7	330	70	123	1752
Fork.....	W. M. Tilton.....	829,304	Aug. 21	3265	688	123	2547
Fork rack or support.....	W. D. Vanbibber and B. T. Prigmore.....	829,813	Aug. 28	4359	921	123	2364
Fork-scraper.....	A. Kormil and F. Radloff.....	818,100	Apr. 17	3083	665	121	2145
Form. Garment.....	E. T. Palmenberg.....	817,511	Apr. 10	1924	405	121	1838
Former.....	C. Perry.....	837,957	Dec. 11	1340	294	125	1728
Forming or molding device.....	I. A. Rommer.....	816,937	Apr. 3	779	160	121	1532
Formaldehyde-generator.....	A. E. Dieterich.....	813,363	Feb. 20	3683	809	120	2375
Formaldehyde hydrosulfite and making same.....	E. A. Fournieux.....	812,124	Feb. 6	1176	-----	120	1729
Formates. Making.....	J. Weise, F. Rieche, and A. Barth.....	820,159	May 8	2319	-----	122	579
Formates. Making.....	J. Weise, F. Rieche, and A. Barth.....	820,373	May 8	2725	-----	122	670
Formates. Making.....	J. Weise, F. Rieche, and A. Barth.....	820,374	May 8	2727	-----	122	670
Formic-aldehyde compound. Making a.....	A. Stephan.....	812,608	Feb. 13	2200	-----	120	2014
Fortune-telling device.....	M. Kohn.....	830,081	Sept. 4	350	70	124	85
Fouling. Treating surfaces to be protected from.....	R. Bell.....	817,743	Apr. 17	2350	-----	121	1985
Foundation.....	L. G. Hallberg.....	825,903	July 17	2500	520	123	666
Foundations. Forming.....	E. C. Smith.....	814,240	Mar. 6	460	95	121	99
Foundries. Powder for dusting patterns in.....	E. Brühl.....	811,477	Jan. 30	5774	-----	120	1411
Foundry-flask clamp.....	O. F. Lindberg.....	827,874	Aug. 7	358	76	123	1759
Foundry-molds. Machine for manipulating.....	F. Bonvillain.....	818,410	Apr. 24	3718	797-8	121	2336
Foundry or casting plant.....	J. W. Henderson. (Reissue).....	12,495	June 12	2568	542	122	2333
Fountain:							
<i>See</i> Bubble-fountain. Ink-fountain.							
Drinking-fountain. Poultry-fountain.							
Electrically-operated fountain. Stock-fountain.							
Fourchette.....	H. Texier.....	815,878	Mar. 20	3853	816	121	943
Frame:							
<i>See</i> Automobile-frame. Magnifying-glass frame.							
Bag-frame. Mosquito-net frame.							
Bed-spring frame. Necktie-frame.							
Bell-frame. Net-frame.							
Binder-frame. Photographic-printing frame.							
Blue-print frame. Picture-frame.							
Car-frame. Picture or similar frame.							
Car truss-frame. Flow-frame.							
Carpet-holding frame. Printing-frame.							
Clothes-frame. Pulley-frame.							
Curtain-frame. Pumping-power frame.							
Display-frame. Quilting-frame.							
Door-frame. Saw-frame.							
Draft-frame. Scenic frame.							
Drying and stretching frame. Seat-frame.							
Drying-rack frame. Sink-frame.							
Engine-frame. Stencil-frame.							
Fabric-holding frame. Stretching-frame.							
Fireproof window-frame. Supporting-frame.							
Furnace-door frame. Truck side frame.							
Grindstone-frame. Umbrella-frame.							
Hammock-supporting frame. Vehicle-frame.							
Loading-frame. Vehicle-hood frame.							
Locomotive-tender frame. Well-pit-mold frame.							
Loom heddle-frame. Winding-frame.							
Lubricating-pad frame. Window-frame.							
Wire bracket-frame.							
Frame structure.....	E. Molloy.....	824,502	June 26	4504	955-6	122	2870
Frames. Brace-bar for folding.....	A. P. Olson.....	835,250	Nov. 6	756	158	125	191
Free-delivery cabinet. Rural.....	A. O. Bakken.....	833,110	Oct. 9	2183	459	124	1780
Free-running wheel.....	M. Markkula and A. Rantala.....	810,896	Jan. 23	4651	969	120	1135
Freezer and refrigerator car. Combined.....	O. M. Stimson.....	833,648	Oct. 16	3311	704	124	2104
Freezing device.....	E. Thompson.....	814,993	Mar. 13	1973	415	121	484
Freight-carrier.....	T. W. Lingard.....	834,822	Oct. 30	5872	1245	124	2832
Freight-carrier. Gravity.....	R. P. Mathews and C. H. Lister.....	824,943	July 3	533	105-6	123	142
Frequency-meter.....	E. McGarvey.....	831,180	Sept. 18	2585	545-6	124	704
Fresh-air cabinet.....	J. H. Williams.....	839,688	Dec. 25	4790	1024	125	2667
Fresh-air treatment. Apparatus for.....	S. H. Mahaffy.....	835,075	Nov. 6	414	83	125	109
Friction-set.....	M. B. Miner.....	823,802	June 19	3155	667	122	2522
Friction-top can.....	W. J. Chambers.....	834,191	Oct. 23	4605	976	124	2467
Frog or crossing.....	C. C. Hardman.....	819,992	May 8	1954	432-3	122	496
Frogless switch.....	G. M. Ayles.....	831,762	Sept. 25	3750	785	124	1042
Fruit. Apparatus for removing the skin from.....	H. A. Beekhuis.....	836,913	Nov. 27	4046	865	125	1132
Fruit. Artificial.....	S. Miller.....	836,887	Nov. 27	3968	848	125	1117
Fruit-assorting apparatus.....	M. F. Witt.....	826,210	July 17	3098	642	123	817
Fruit-bleacher.....	W. Smith.....	837,428	Dec. 4	305	73	125	1432
Fruit-box press.....	J. Osborn.....	837,497	Dec. 4	431	97	125	1463
Fruit-boxes. Machine for nailing.....	A. A. Macy and B. T. Duncan.....	822,142	May 29	6295	1342	122	1636
Fruit-carrier.....	C. A. Wellman.....	810,313	Jan. 16	3457	714	120	838
Fruit-clipper.....	H. H. Petty.....	814,799	Mar. 13	1619	340	121	413
Fruit-clipper.....	H. H. Petty.....	818,552	Apr. 24	4009	860	121	2396
Fruit-clipper.....	N. F. Anderson.....	828,798	Aug. 14	2209	469	123	2251
Fruit-clipper.....	D. H. Goode.....	833,714	Oct. 16	3439	733	124	2133
Fruit cutting, pitting, and spreading device.....	A. M. Stropkin.....	820,150	May 8	2301	503	122	575
Fruit-drier.....	M. Rodgers.....	818,916	Apr. 24	4730	1015	121	2554

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dis.	Vol.	Page.
Fruit for transportation. Means to cure.	J. P. Triolo.	821,205	May 22	4455	948	122	1169
Fruit-gatherer.	G. H. Roberts.	816,186	Mar. 27	4475	947	121	1132
Fruit-grader.	W. C. Anderson. (Reissue).	12,459	Feb. 27	4963	1099	120	2707
Fruit-grading machine.	M. E. Wettenhall.	833,991	Oct. 23	4162	883	124	2355
Fruit-jar.	T. C. Thomas.	826,452	July 17	3549	738	123	929
Fruit-jar and cover.	J. S. Huffman.	815,171	Mar. 13	2350	492	121	569
Fruit-packing device.	F. K. Bartholomew.	818,812	Apr. 24	4554	976	121	2516
Fruit-picker.	C. L. Uthus.	815,660	Mar. 20	3366	704	121	841
Fruit-picker.	J. T. Bell.	818,342	Apr. 17	3578	765	121	2250
Fruit-picker.	A. E. Burwell.	821,855	May 29	5758	1226	122	1514
Fruit-picker.	R. Washburn.	832,436	Oct. 2	836	162	124	1413
Fruit-picker.	F. Kaufmann.	834,207	Oct. 23	4634	983	124	2475
Fruit picker and gatherer.	L. S. Holmes.	838,116	Dec. 11	1683	362	125	1817
Fruit-picker's bag.	G. Guinther.	833,383	Oct. 16	2755	580-1	124	1975
Fruit-picking bag.	J. Utterback.	824,160	June 26	3821	815	122	2725
Fruit-picking device.	A. Murdoch.	838,131	Dec. 11	1722	370	125	1827
Fruit-receptacle.	V. E. Stine.	824,514	June 26	4532	961	122	2876
Fruit-sorter.	T. N. Woolverton.	812,470	Feb. 13	1910	421	120	1955
Fruit-squeezer.	D. H. Mosteller.	808,861	Jan. 2	456	100	120	101
Fruit-syruping machine.	L. F. Graham.	825,598	July 10	1876	397	123	500
Fruit-washing machine.	L. F. Graham.	837,559	Dec. 4	554	130	125	1493
Fruit weighing and packing machine.	C. S. Cox.	824,412	June 26	4321	920-1	122	2828
Frying rack. Fried-cake.	O. G. Kelly.	820,792	May 15	3569	762	122	915
Fuel and making same. Artificial.	S. J. Hon.	820,196	May 8	2388		122	594
Fuel and making the same. Artificial.	V. J. Kuess.	830,333	Sept. 4	867		124	216
Fuel. Apparatus for the combustion of pulverulent.	A. Moore.	820,235	May 8	2452	531	122	608
Fuel. Apparatus for the complete combustion of solid.	A. Pfeifer.	809,322	Jan. 9	1435	290	120	350
Fuel. Artificial.	J. W. Leadbeater.	830,086	Sept. 4	356		124	86
Fuel. Artificial.	G. E. Fuller.	832,574	Oct. 2	1101		124	1479
Fuel. Bituminous-coal.	M. Andes.	830,953	Sept. 11	2111		124	560
Fuel-burner.	J. M. Schutz.	836,145	Nov. 20	2466	518-19	125	710
Fuel compound. Emulsion.	W. F. Browne.	827,139	July 31	5001		123	1325
Fuel. Compound for manufacturing artificial.	G. D. Platt.	833,801	Oct. 23	3616		124	2223
Fuel. Device for feeding.	J. MacCormack.	826,792	July 24	4285	891	123	1137
Fuel-economizer.	W. E. Cole.	815,512	Mar. 20	3079	641	121	778
Fuel-economizers. Header for.	A. H. Blackburn.	833,914	Oct. 23	3899	827	124	2296
Fuel-feeder.	H. L. Day.	821,930	May 29	5902	1255-6	122	1546
Fuel-feeding apparatus.	H. J. Travis.	823,563	June 19	2708	573	122	2424
Fuel-feeding apparatus.	J. Crawford.	831,145	Sept. 18	2520	531-2	124	687
Fuel-feeding apparatus. Fine.	G. L. Swift.	827,828	Aug. 7	276	56	123	1739
Fuel-feeding apparatus. Hydrocarbon.	R. C. Nelson.	814,311	Mar. 6	623	128	121	135
Fuel-feeding apparatus. Pulverized.	G. S. Welles.	818,590	Apr. 24	4075	875	121	2410
Fuel-feeding device.	L. K. Davis.	815,686	Mar. 20	3431	716	121	856
Fuel-feeding device.	E. Harcharick.	824,356	June 26	4194	897	122	2804
Fuel-feeding furnace. Automatic.	S. Röck.	837,887	Dec. 4	1197	265	125	1651
Fuel from peat by means of the electric current. Producing.	J. B. Bessey.	817,899	Apr. 17	2705		121	2063
Fuel. Manufacture of artificial.	A. Stillesen.	809,998	Jan. 16	2777		120	695
Fuel. Manufacture of peat.	R. A. Kellond.	836,324	Nov. 20	2833		125	802
Fuel. Producing artificial.	G. W. Herbein.	826,723	July 24	4163		123	1105
Fuel. Utilization of pulverulent.	A. Moore.	820,236	May 8	2455	532	122	609
Fulling-machine stop-motion.	A. D. Mansell.	811,075	Jan. 30	5000	1044	120	1246
Fumigating material and making same.	J. H. Rivers.	813,323	Feb. 20	3609	792	120	2359
Fumigating plants.	R. Hand.	817,849	Apr. 17	2581	556	121	2036
Fumigator.	F. Lautenschlager.	835,137	Nov. 6	537	110	125	137
Funnel.	P. Epperson.	820,353	May 8	2684	586	122	660
Funnel.	G. N. Haskell.	825,317	July 10	1261	266	123	346
Funnel.	M. M. Wood.	838,489	Dec. 11	2418	525	125	1997
Fur-carroting machine.	A. Chapal.	839,550	Dec. 25	4513	962	125	2598
Fur. Manufacturing artificial tails from.	S. Lewin and A. Blumenthal.	810,159	Jan. 16	3121	645	120	766
Furnace:							
See Blast-furnace.	Mechanic's furnace.						
Blast-flame furnace.	Metal furnace.						
Boiler-furnace.	Metallurgical furnace.						
Calcining-furnace.	Oil-furnace.						
Cement-burning furnace.	Oil-burning furnace.						
Crucible-furnace.	Ore-briquet calcining or burning furnace.						
Dental furnace.	Ore-reducing furnace.						
Downdraft-furnace.	Ore-roasting furnace.						
Electric furnace.	Porous-hearth furnace.						
Electric pressure-furnace.	Pot and tank furnace.						
Electrical furnace.	Regenerative furnace.						
Fine-fuel furnace.	Retort-furnace.						
Fuel-feeding furnace.	Reverberatory furnace.						
Garbage-furnace.	Roasting-furnace.						
Gas-furnace.	Roasting and volatilizing furnace.						
Gas-consuming furnace.	Roasting or oxidizing furnace.						
Gas-generating furnace.	Rotatable-grate furnace.						
Glass-furnace.	Self-feeding furnace.						
Glass-melting furnace.	Self-feeding or stoker furnace.						
Glass-tank furnace.	Smelting-furnace.						
Glass-working furnace.	Smoke-consuming furnace.						
Heating-furnace.	Smokeless furnace.						
Hot-air furnace.	Solar furnace.						
Hot-blast furnace.	Tank and pot furnace.						
Hydrocarbon-furnace.	Tilting furnace.						
Liquid-fuel furnace.	Underfeed-furnace.						
Liquid-fuel-burning furnace.							
Locomotive-furnace.							
Magnetic furnace.							
Matte-producing furnace.							
Furnace.	J. Rodriguez y Fonoll.	810,348	Jan. 16	3539	727	120	856

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Furnace.....	S. P. Grey.....	811,557	Feb. 6	36	8-9	120	1492
Furnace.....	J. J. and J. O'Shea.....	811,867	Feb. 6	632	138	120	1619
Furnace.....	T. Suzuki.....	812,380	Feb. 13	1747	383-4	120	1922
Furnace.....	W. R. Hampden.....	812,789	Feb. 13	2533	556	120	2081
Furnace.....	J. C. Miller.....	813,226	Feb. 20	3408	751	120	2316
Furnace.....	J. R. Russell.....	814,397	Mar. 6	816	168	121	179
Furnace.....	J. R. Russell.....	814,398	Mar. 6	819	169	121	179
Furnace.....	J. J. O'Shea.....	816,248	Mar. 27	4585	976	121	1155
Furnace.....	R. S. Thompson.....	816,275	Mar. 27	4643	985	121	1168
Furnace.....	W. G. Wise.....	818,398	Apr. 17	3690	792	121	2275
Furnace.....	H. Webster.....	818,588	Apr. 24	4072	874	121	2410
Furnace.....	J. C. Teller.....	819,183	May 1	285	61	122	72
Furnace.....	A. E. Johnson.....	819,228	May 1	390	82-3	122	92
Furnace.....	D. W. Bovee.....	819,632	May 1	1171	256-7	122	263
Furnace.....	A. C. Calkins.....	819,700	May 1	1309	285	122	294
Furnace.....	F. W. Burger.....	819,849	May 8	1628	347	122	428
Furnace, &c.....	W. Pett.....	821,961	May 29	5962	1270	122	1559
Furnace.....	J. A. Kavanagh.....	822,955	June 12	1441	300	122	2089
Furnace.....	J. P. McLeod.....	823,962	June 19	3457	739	122	2590
Furnace.....	J. F. Senter.....	824,385	June 26	4261	908	122	2817
Furnace.....	W. N. Cox.....	826,406	July 17	3455	718	123	904
Furnace.....	J. V. Martin.....	827,166	July 31	5085	1057	123	1351
Furnace.....	A. Locher.....	827,875	Aug. 7	359	77	123	1759
Furnace.....	E. E. Jones.....	829,217	Aug. 21	3094	650-1	123	2507
Furnace.....	L. B. White.....	829,450	Aug. 28	3591	755	123	2674
Furnace.....	G. Dillon.....	835,409	Nov. 6	1081	233	125	273
Furnace.....	G. Politz.....	836,402	Nov. 20	2985	633	125	836
Furnace.....	W. F. Carr and J. P. McLimans.....	837,191	Nov. 27	4597	975-6	125	1266
Furnace.....	A. Box.....	838,679	Dec. 18	2799	601	125	2134
Furnace.....	S. T. Bleyer.....	839,263	Dec. 25	3934	845	125	2458
Furnace.....	M. V. Smith.....	839,520	Dec. 25	4456	950	125	2585
Furnace.....	J. J. Finnigan.....	839,568	Dec. 25	4543	969	125	2606
Furnace air-feeding mechanism.....	W. McClave.....	819,669	May 1	1244	271-2	122	279
Furnace attachment.....	M. J. Ferren.....	836,745	Nov. 27	3708	791	125	1049
Furnace-charging apparatus.....	W. G. Kranz.....	810,286	Jan. 16	3396	702	120	824
Furnace-charging apparatus.....	F. C. Roberts.....	829,544	Aug. 28	3799	806-7	123	2727
Furnace-charging apparatus. Blast.....	G. C. Shackelford.....	809,754	Jan. 9	2301	477	120	539
Furnace-charging apparatus. Blast.....	J. W. Dougherty.....	816,222	Mar. 27	4539	964	121	1146
Furnace-charging apparatus. Blast.....	J. W. Dougherty.....	818,615	Apr. 24	4145	891	121	2427
Furnace-charging apparatus. Blast.....	E. L. Ford and C. F. Parks.....	825,643	July 10	2010	419-21	123	536
Furnace-charging apparatus. Boiler.....	F. W. Seyboth and E. K. A. Baumann.....	832,629	Oct. 9	1235	249	124	1551
Furnace-charging device.....	J. W. Neill.....	837,637	Dec. 4	715	164-5	125	1532
Furnace-charging mechanism.....	D. Baker.....	814,506	Mar. 6	1011	208	121	220
Furnace-charging mechanism.....	D. Baker.....	830,958	Sept. 11	2116	447-8	124	561
Furnace-charging mechanism.....	D. Baker. (Reissue).....	12,536	Oct. 2	1134	226-7	124	1487
Furnace-charging mechanism. Cupola.....	C. E. Bowron.....	822,502	June 5	528	108-9	122	1842
Furnace-charging or drawing machine. Heating.....	W. T. Martersteck.....	831,965	Sept. 25	4174	870-1	124	1147
Furnace-combustion-chamber structure.....	W. McClave.....	812,072	Feb. 6	1078	235-6	120	1708
Furnace-door.....	G. W. Shear.....	829,438	Aug. 28	3541	742	123	2662
Furnace-door frame.....	G. W. Shear.....	829,490	Aug. 28	3677	777	123	2696
Furnace-door. Water-cooled.....	L. L. Knox.....	830,237	Sept. 4	679	136	124	171
Furnace-door. Water-heating.....	T. Lennon.....	829,659	Aug. 28	4029	853	123	2784
Furnace draft apparatus.....	W. N. Cox.....	823,396	June 12	2344	492-3	122	2286
Furnace draft apparatus. Boiler.....	A. H. Mazerand.....	811,570	Feb. 6	68	14	120	1500
Furnace draft controller.....	W. McClave.....	812,669	Feb. 13	2304	502-3	120	2033
Furnace draft device.....	W. G. McPherson.....	835,458	Nov. 6	1166	252	125	293
Furnace fire-arch.....	J. P. Barnes.....	826,645	July 24	4015	831-2	123	1067
Furnace fire-door protector.....	E. J. Daly.....	810,728	Jan. 23	4313	816	120	1064
Furnace-flues. Natural-draft regenerator for.....	F. C. Knight and H. V. Pearce.....	817,072	Apr. 3	1034	294	121	1587
Furnace for burning comminuted material.....	H. K. Kriebel.....	820,931	May 15	3883	828	122	983
Furnace for burning comminuted material.....	H. K. Kriebel.....	820,932	May 15	3885	828	122	983
Furnace for burning pulverized fuel and other substances.....	A. M. Robeson and C. A. Bettington.....	817,989	Apr. 17	2870	621-2	121	2101
Furnace for charring wood, peat, and the like.....	C. J. R. Müller.....	830,352	Sept. 4	906	186-7	124	224
Furnace for hot-water heating. Sectional.....	B. F. Rogers.....	839,647	Dec. 25	4714	1008	125	2646
Furnace for roasting, &c.....	A. V. Leggo.....	837,576	Dec. 4	585	136-9	125	1501
Furnace for steam or hot-water heating systems.....	E. M. Fancher.....	834,972	Nov. 6	180	38-9	125	47
Furnace for sulfating zinc-bearing ores.....	G. O. Angell.....	837,273	Dec. 4	5	1-2	125	1356
Furnace for the immediate production of metal from ores.....	O. B. Dawson.....	829,574	Aug. 28	3857	818-19	123	2741
Furnace fuel feeder or stoker.....	J. T. Jenkins and E. Thackwell.....	835,952	Nov. 13	2086	445-6	125	564
Furnace-grate.....	A. Cotton.....	823,715	June 19	2988	633	122	2486
Furnace-grate.....	E. Einfeldt.....	824,534	June 26	4573	972-3	122	2885
Furnace-grate.....	G. S. and J. J. Huff.....	829,921	Aug. 28	4589	967-8	123	2920
Furnace-grate.....	J. Turner.....	830,625	Sept. 11	1482	307	124	397
Furnace-grate.....	J. Ferguson.....	830,705	Sept. 11	1668	342-4	124	450
Furnace-grate.....	S. G. Tibbs, J. A. and W. E. Corey.....	833,807	Oct. 23	3630	776	124	2227
Furnace-grate.....	T. E. Martin.....	836,447	Nov. 20	3445	736-7	125	945
Furnace-grate.....	T. E. Martin.....	838,431	Dec. 11	2310	499-500	125	1971
Furnace-grate.....	D. J. McKenzie.....	838,639	Dec. 18	2718	582-3	125	2114
Furnace-grate-bar.....	T. E. Martin.....	819,019	Apr. 24	4931	1058	121	2598
Furnace lining. Combustion.....	W. Y. Gambee.....	819,696	May 1	1304	.....	122	293
Furnace-mouth lining for boilers.....	B. B. Lamprey.....	838,868	Dec. 18	3142	677	125	2219
Furnace or oven.....	H. Gehrich.....	835,945	Nov. 13	2073	443	125	561
Furnace-radiator.....	G. Maag.....	813,507	Feb. 27	3978	873	120	2499
Furnace-roof.....	E. D. Slick.....	810,228	Jan. 16	3277	678	120	798
Furnace smoke-consuming attachment.....	L. D. Mohler.....	836,597	Nov. 20	3353	715	125	925
Furnace-stock distributor.....	J. D. Pugh.....	827,118	July 31	4950	1033-4	123	1312
Furnace tie-plate.....	C. E. Tudor.....	811,003	Jan. 30	4882	1017	120	1221
Furnaces. Air-feeding device for.....	M. A. Lutzner.....	813,102	Feb. 20	3161	691	120	2266
Furnaces and preparing the same. Lining for electric or other.....	H. L. Hartenstein.....	819,223	May 1	375	.....	122	89
Furnaces. Apparatus for producing perfect combustion in.....	H. Luckenbach.....	810,163	Jan. 16	3126	647	120	767
Furnaces. Apparatus for regulating combustion in.....	T. W. Johnson.....	838,338	Dec. 11	2132	462	125	1928

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Furnaces. Application of heat in metallurgical and other	B. E. Eldred	819,045	May 1	18	5	122	7
Furnaces. Automatic draft-regulating apparatus for boiler	A. Schaffier	824,824	July 3	287	51-2	123	80
Furnaces. Automatic drying, feeding, and cinder-removing apparatus for ore	J. Hickey	836,256	Nov. 20	2702	574-6	125	769
Furnaces. Automatic regulating means for	F. E. Roach	825,615	July 10	1918	406-7	123	509
Furnaces. Automatic regulator device for steam-boiler	E. B. Kirby	828,411	Aug. 14	1445	305-6	123	2055
Furnaces. Balanced draft apparatus for	C. T. Coe	837,609	Dec. 4	667	154	125	1521
Furnaces. Bell-gear for blast	C. W. A. Koelkebeck	829,718	Aug. 28	4161	881	123	2813
Furnaces. Carbon-holder for electric	G. O. Seward	824,153	June 26	3802	812	122	2721
Furnaces. Combusting coal mixtures in	G. Mielenhausen	825,066	July 3	753	158	123	202
Furnaces. Compound for forming the bottoms of metal-heating	D. Aderholt	830,037	Sept. 4	253		124	62
Furnaces. Device for effecting complete combustion in	R. Wilde	830,870	Sept. 11	1966	413	124	527
Furnaces. Distributer for blast	A. B. Neumann	820,065	May 8	2135	465	122	539
Furnaces. Fire-screen for locomotive	J. Minnich	817,654	Apr. 10	2179	463	121	1891
Furnaces. Fuel-feeding device for boiler	J. and W. Reagan	823,549	June 19	2680	564-5	122	2417
Furnaces. Gas-relief valve for blast	E. L. Messler	813,442	Feb. 27	3853	844	120	2470
Furnaces. Hot-air system for blast	T. Kiddie	830,152	Sept. 4	499	101-2	124	125
Furnaces. Means for controlling gas velocity in reverberatory	B. E. Eldred	819,046	May 1	21	5-6	122	7
Furnaces. Preserving the inner walls of	F. C. W. Timm	812,619	Feb. 13	2218	484	120	2016
Furnaces. Pulverized-fuel burner for	C. A. Matcham	815,929	Mar. 20	3945	835	121	964
Furnaces. Rake construction for McDougall	G. S. Crouse	825,519	July 10	1718	361	123	462
Furnaces. Regulating	E. McLean	826,349	July 17	3353	693-4	123	880
Furnaces. Regulation of	E. McLean	817,438	Apr. 10	1774	372-3	121	1806
Furnaces. Regulation of	J. C. Quinn	819,672	May 1	1251	273	122	280
Furnaces. Smoke-consuming apparatus for	J. P. McMahon	814,230	Mar. 6	441	91-2	121	95
Furnaces. Water-cooled door-frame for	L. L. Knox	824,184	June 26	3861	824	122	2734
Furnaces. Water-heating attachment for	G. E. Dixon	815,273	Mar. 13	2546	536	121	613
Furniture	W. R. Dean	821,990	May 29	6014	1282	122	1571
Furniture	G. H. Abercrombie	822,904	June 12	1347	280	122	2069
Furniture	C. E. Mead	825,854	July 10	2407	502	123	633
Furniture attachment	J. C. Condo	821,338	May 22	4718	1005	122	1227
Furniture. Combination	J. Fedran	821,349	May 22	4750	1010	122	1237
Furniture. Combination	T. J. Young	830,273	Sept. 4	763	156	124	191
Furniture. Combination or convertible article of	J. W. Hughes	825,540	July 10	1763	371	123	472
Furniture construction	T. A. Cole	820,766	May 15	3509	752	122	902
Furniture. Convertible	C. W. Dunn	808,822	Jan. 2	393	85-6	120	67
Furniture. Convertible	D. H. Goodrich	824,076	June 19	3668	780	122	2633
Furniture-coupling	C. W. Zimmerman and M. E. Burke	820,540	May 15	3090	665	122	809
Furniture-fastener	J. E. Faught	834,462	Oct. 30	5146	1093	124	2649
Furniture. Folding	W. N. Anderson	819,969	May 8	1901	421	122	484
Furniture. Folding	I. Stanley	835,374	Nov. 6	997	213	125	252
Furniture. Insecticide-holding attachment for	T. Alexander	824,272	June 26	4038	865	122	2772
Furniture-joint	J. F. Wilmot	820,689	May 15	3358	720	122	865
Furniture. Kitchen	J. N. Knackstedt	814,965	Mar. 13	1913	402	121	473
Furniture-leg	R. E. Slesnick	835,738	Nov. 13	1686	359	125	469
Furniture-leg. Folding	L. B. Jeffcott	822,049	May 29	6129	1305	122	1598
Furniture pad. Upholstered	F. D. Boyle	813,616	Feb. 27	4196	921	120	2547
Furniture-sections. Connection for	A. McKenzie	819,913	May 8	1748	376	122	454
Furniture sliding shoe	O. C. Little	827,806	Aug. 7	239	48	123	1731
Furniture. Sliding shoe for	O. C. Little	822,963	June 12	1453	303	122	2091
Furniture-spring	F. Weborg	833,012	Oct. 9	1987	415	124	1730
Furniture. Store	J. Garfinkle	831,549	Sept. 25	3317	696	124	926
Furniture. Store	J. E. Kleiner and H. J. Anderson	834,674	Oct. 30	5568	1181	124	2756
Furrow smoother and packer	C. B. Smith	815,048	Mar. 13	2101	442	121	514
Fuse	F. I. Du Pont	821,883	May 29	5802	1236	122	1523
Fuse	G. Deisenhofer	825,879	July 10	2455	512	123	644
Fuse	O. C. Hoffmann	835,618	Nov. 13	1476	315	125	416
Fuse and fuse-block. Cartridge	H. Hubbell	819,657	May 1	1217	266	122	273
Fuse and switch. Combined	F. H. Cheyne	819,206	May 1	347	74	122	84
Fuse-block	J. Sachs	826,888	July 24	4486	933-4	123	1185
Fuse-box	E. M. Hewlett	816,469	Mar. 27	5062	1075	121	1256
Fuse-box	E. Sherwood	819,608	May 1	1112	245	122	250
Fuse-box	H. E. Richards and R. H. Ramsay	824,884	July 3	414	79	123	113
Fuse-box	P. C. Morganthaler	825,333	July 10	1293	272	123	355
Fuse. Burning time	K. Wieser	830,948	Sept. 11	2105	444	124	558
Fuse-clamping terminal	A. C. Savage	815,746	Mar. 20	3578	751	121	887
Fuse. Combination time and percussion	J. F. Meigs and E. A. Gathmann	814,860	Mar. 13	1718	359	121	433
Fuse cutter and splitter. Combined	A. Walker	838,924	Dec. 18	3234	699	125	2238
Fuse. Electric	B. S. Luther	815,964	Mar. 27	4015	850	121	1030
Fuse. Electric	O. C. Hoffmann	821,873	May 29	5788	1233	122	1520
Fuse. Electric	J. J. Miley	834,989	Nov. 6	220	47	125	58
Fuse. Electric	L. B. Buchanan	838,235	Dec. 11	1934	414	125	1878
Fuse. Electric safety	E. L. Ogle	809,978	Jan. 16	2739	564	120	687
Fuse. Electric safety	C. W. Rhoades	809,982	Jan. 16	2749	565	120	689
Fuse. Expulsion	C. E. Eveleth	816,443	Mar. 27	5008	1064	121	1244
Fuse for projectiles. Centrifugal percussion	J. F. Meigs and E. A. Gathmann	819,668	May 1	1243	271	122	279
Fuse-igniting apparatus. Electric	J. W. Howard	817,483	Apr. 10	1868	393	121	1826
Fuse. Impact	L. Abendroth	809,885	Jan. 9	2533	525	120	590
Fuse. Percussion	J. W. Harriman	815,958	Mar. 27	4003	847	121	1028
Fuse. Percussion	C. L. Gulick	823,681	June 19	2930	620	122	2474
Fuse. Percussion	H. Wilson and A. Y. Leech, Jr.	829,361	Aug. 21	3387	715	123	2578
Fuse-plug	H. T. Paiste	809,837	Jan. 9	2452	509	120	572
Fuse-plug	A. Sr. and A. Weber, Jr.	816,406	Mar. 27	4945	1051	121	1231
Fuse-plug. Electric multiple	A. Hepke and K. Diener	809,301	Jan. 9	1386	281	120	340
Fuse-plug. Multiple	A. Hepke and K. Diener	823,044	June 12	1628	337	122	2132
Fuse. Projectile	H. C. Seddon	811,252	Jan. 30	5372	1121	120	1327
Fuse. Projectile	H. C. Seddon	811,667	Feb. 6	262	57	120	1542
Fuse. Projectile	H. C. Seddon	811,668	Feb. 6	263	57	120	1543

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Fuse. Projectile.....	H. P. Merriam.....	822,289	June 5	126	25-6	122	1756
Fuse. Shell.....	W. M. Kershaw.....	812,046	Feb. 6	1033	225	120	1699
Fuse. Shell.....	W. H. Driggs.....	818,943	Apr. 24	4784	1028	121	2566
Fuse. Shell.....	L. L. Driggs and E. Wilkinson.....	823,852	June 19	3248	687-8	122	2543
Fuses. Automatic setting-key for setting the firing-charge rings of time-	L. Beck.....	817,616	Apr. 10	2113	447-8	121	1876
Fuses for electrical installations. Inclosed safety device for	W. Fellenberg.....	813,546	Feb. 27	4057	889	120	2518
Gabion for protecting river-banks.....	G. Maccaferri.....	837,484	Dec. 4	412	93	125	1458
Gaff-hook.....	R. C. Livingston.....	827,246	July 31	5235	1087	123	1387
Gage:							
<i>See</i> Adjustable gage.	Paper-gage.						
Beer-glass gage.	Pile-gage.						
Bevel-gage.	Pressure-gage.						
Bookbinder's gage.	Printer's rule-gage.						
Butt and lock gage.	Rafter-gage.						
Cask or tank gage.	Rail-gage.						
Combination-gage.	Railway-track gage.						
Cutter-gage.	Saw-gage.						
Cutter-head gage.	Saw-table gage.						
Dress or skirt gage.	Saw-table cutting-gage.						
Feed-gage.	Scissors cutting-gage.						
Fluid-gage.	Shingle-gage.						
Grade-gage.	Skirt-gage.						
Hoof-level gage.	Skirt-hanging gage.						
Jointer-gage.	Taper-gage.						
Lacing-hook-machine gage.	Threshold-gage.						
Marking-gage.	Track-gage.						
Measuring-gage.	Type-writer work-gage.						
Micrometer-gage.	Water-gage.						
Miter-gage.	Weather-board gage.						
Mortar-gage.	Wheel-gage.						
Mortise or hinge gage.	Wire-gage.						
Oil-gage.							
Gage.....	A. Holt.....	815,829	Mar. 20	3751	788	121	923
Gage.....	P. Layman.....	817,492	Apr. 10	1884	397	121	1829
Gage.....	P. Noacere.....	819,370	May 1	686	144	122	157
Gage.....	E. H. Bateman.....	819,499	May 1	925	203	122	207
Gage.....	G. H. Wagner.....	823,378	June 12	2315	485	122	2280
Gage.....	G. W. and E. L. Roberts.....	824,821	July 3	283	50	123	79
Gage.....	A. F. Wallbillich.....	826,392	July 17	3432	711	123	898
Gage.....	E. J. Clarke.....	829,368	Aug. 21	3403	717	123	2581
Gage.....	F. Schubert.....	831,191	Sept. 18	2604	548	124	707
Gage.....	G. Arnold.....	832,444	Oct. 2	858	165	124	1419
Gage.....	A. D. Fellows.....	832,962	Oct. 9	1898	395	124	1708
Gage.....	H. Hansen.....	833,598	Oct. 16	3218	684	124	2083
Gage.....	W. L. Chase.....	837,195	Nov. 27	4601	976	125	1268
Gage.....	A. L. Myers.....	837,869	Dec. 4	1172	259	125	1645
Gage.....	G. B. Westburg.....	838,674	Dec. 18	2790	598	125	2132
Gage.....	M. F. Carr.....	838,684	Dec. 18	2810	603	125	2137
Gage attachment. Safety.....	I. W. Houston, H. C. Burns, and A. Van Voorhees.....	809,110	Jan. 2	980	202	120	216
Gage-fitting.....	W. T. Bonner.....	831,139	Sept. 18	2510	529-30	124	686
Gage for finding the lengths, bevels, and cuts of building material.	J. D. Wall.....	838,365	Dec. 11	2179	473-4	125	1939
Gage for use of carpenters and joiners in fitting doors.	J. A. Johnson.....	810,489	Jan. 23	3856	792	120	963
Gage-glass.....	C. B. and F. W. Hodges.....	821,872	May 29	5785	1232-3	122	1519
Gage-glass holder.....	H. Del Mar.....	827,713	Aug. 7	33	8	123	1678
Gage-line holder.....	F. G. Zugelder.....	817,357	Apr. 10	1600	338	121	1770
Gage or marker and rule.....	A. D. Zimmer.....	822,094	May 29	6208	1323	122	1616
Gage-reading device.....	G. P. Doern.....	812,411	Feb. 13	1814	397	120	1935
Gage-testing apparatus.....	C. H. Craig, Jr.....	821,983	May 29	6010	1282	122	1570
Gages. Base attachment for center-	J. L. Baltzer and L. S. Starrett.....	815,997	Feb. 27	4935	1091	120	2703
Gaining-machine.....	A. Leclair.....	821,654	May 29	5357	1142	122	1425
Galley-lock.....	S. Stephens.....	826,620	July 24	3978	823	123	1059
Galvanic battery.....	B. J. Blameuser.....	838,372	Dec. 11	2196	477	125	1942
Galvanic cell.....	B. Jonas.....	828,319	Aug. 14	1271	269	123	2011
Galvanometer.....	P. H. Wynne.....	813,269	Feb. 20	3482	678	120	2333
Gambrel.....	D. H. Martin.....	828,620	Aug. 14	1867	393	123	2164
Gambrel.....	H. J. Hubert.....	831,439	Sept. 18	3086	654	124	831
Game.....	S. F. Enos.....	810,631	Jan. 23	4144	856	120	1026
Game.....	A. Bolton.....	818,409	Apr. 24	3716	797	121	2336
Game.....	E. H. Enos.....	821,476	May 22	5011	1065	122	1293
Game.....	S. F. Randall.....	823,548	June 19	2679	564	122	2417
Game.....	W. J. Lang.....	826,339	July 17	3334	689	123	876
Game.....	O. Henrichsen.....	831,069	Sept. 18	2367	498-9	124	656
Game.....	W. J. Roche.....	836,537	Nov. 20	3253	692	125	901
Game.....	H. Guillaume.....	836,878	Nov. 27	3952	844	125	1113
Game.....	J. Salvador.....	838,461	Dec. 11	2371	514	125	1987
Game and apparatus therefor.....	J. W. Culp.....	833,779	Oct. 23	3560	760	124	2211
Game and toy.....	C. G. Mortimer, Jr.....	830,800	Sept. 11	1837	382	124	493
Game and toy.....	C. G. Mortimer, Jr.....	830,801	Sept. 11	1840	382	124	493
Game apparatus.....	E. B. Vinson and B. F. Robinson.....	808,959	Jan. 2	653	148	120	151
Game apparatus.....	A. Friedenthal.....	809,293	Jan. 9	1374	279	120	338
Game apparatus.....	F. W. Burns.....	809,606	Jan. 9	2028	420	120	477
Game apparatus.....	F. L. Sackett.....	810,224	Jan. 16	3261	676	120	795
Game apparatus.....	O. E. Pettie.....	810,299	Jan. 16	3433	708	120	833
Game apparatus.....	R. D. Martin.....	810,781	Jan. 23	4419	917	120	1086
Game apparatus.....	G. F. Kirby.....	812,048	Feb. 6	1038	226	120	1700
Game apparatus.....	E. Fahl. (Reissue).....	12,461	Feb. 27	4968	1100	120	2709
Game apparatus.....	T. A. Watts.....	815,053	Mar. 13	2110	444-5	121	516
Game apparatus.....	W. C. McDowell.....	815,204	Mar. 13	2432	507	121	590
Game apparatus.....	P. Becker.....	816,553	Apr. 3	4	1	121	1355
Game apparatus.....	L. F. Stichweh.....	816,758	Apr. 3	401	91-2	121	1447
Game apparatus.....	J. V. Emmerling.....	817,233	Apr. 10	1361	286	121	1721

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Game apparatus.....	H. Medley.....	817,928	Apr. 17	2759	597	121	2077
Game apparatus.....	F. Sieder.....	818,126	Apr. 17	3142	676	121	2159
Game apparatus.....	E. Kuhn.....	818,895	Apr. 24	4691	1006-7	121	2545
Game apparatus.....	A. M. Benedic.....	818,995	Apr. 24	4884	1049	121	2587
Game apparatus.....	E. L. Evens.....	819,132	May 1	195	40	122	49
Game apparatus.....	H. A. Finney.....	819,530	May 1	978	214	122	220
Game apparatus.....	B. Norem and W. Sandberg.....	820,310	May 8	2611	569	122	644
Game apparatus.....	C. A. Miller.....	821,111	May 22	4274	909	122	1129
Game apparatus.....	F. S. Fatkin and E. B. Ertzman.....	821,348	May 22	4748	1010	122	1236
Game apparatus.....	A. L. Smith.....	822,558	June 5	640	129	122	1867
Game apparatus.....	J. G. Twiss.....	822,789	June 5	1100	228	122	1969
Game apparatus.....	W. H. Kelly.....	823,049	June 12	1638	338	122	2134
Game apparatus.....	J. F. Kidder.....	824,660	June 26	4819	1028	122	2938
Game apparatus.....	E. H. Miller.....	824,879	July 3	399	76-7	123	109
Game apparatus.....	A. F. Gillet.....	827,626	July 31	6083	1261	123	1597
Game apparatus.....	R. D. Martin.....	828,825	Aug. 14	2255	480	123	2262
Game apparatus.....	A. Mark.....	830,344	Sept. 4	890	182	124	221
Game apparatus.....	A. K. Ferris.....	830,424	Sept. 4	1058	220	124	261
Game apparatus.....	T. D. Singleton and W. Gleason.....	830,535	Sept. 11	1296	268	124	347
Game apparatus.....	M. E. Sayre.....	831,802	Sept. 25	3825	801-2	124	1062
Game apparatus.....	T. D. Singleton and W. Gleason.....	832,819	Oct. 9	1613	331	124	1639
Game apparatus.....	E. Bawden.....	833,725	Oct. 23	3458	738	124	2185
Game apparatus.....	J. F. Heron.....	834,130	Oct. 23	4494	953	124	2441
Game apparatus.....	R. T. Lambert.....	834,581	Oct. 30	5370	1140	124	2705
Game apparatus.....	E. Fahl.....	834,665	Oct. 30	5550	1178	124	2751
Game apparatus.....	E. Fahl.....	834,714	Oct. 30	5648	1198	124	2777
Game apparatus.....	H. K. Christ.....	836,632	Nov. 20	3422	730	125	939
Game apparatus.....	W. H. Gilman.....	836,681	Nov. 27	3550	757	125	1007
Game apparatus.....	T. D. Singleton and W. Gleason.....	837,589	Dec. 4	628	145	125	1510
Game apparatus.....	W. R. Austin and W. N. Crow.....	838,763	Dec. 18	2944	634	125	2169
Game apparatus.....	E. A. Farish.....	839,278	Dec. 25	3965	852	125	2465
Game apparatus. Base-ball.....	J. P. Menis.....	811,159	Jan. 30	5188	1084	120	1286
Game apparatus. Card.....	W. J. Connell.....	825,809	July 10	2327	485	123	613
Game apparatus. Card.....	C. M. Atkinson.....	832,005	Sept. 25	4244	886-7	124	1166
Game apparatus. Educational.....	R. W. Mansfield.....	830,514	Sept. 11	1250	259	124	337
Game apparatus fastening device.....	G. H. Bailey.....	817,688	Apr. 10	2234	479	121	1903
Game apparatus. Fencing.....	E. J. Grant.....	838,105	Dec. 11	1658	357-8	125	1812
Game apparatus. Hockey.....	J. L. E. Pell and E. L. C. Clark.....	821,881	May 29	5800	1236	122	1523
Game apparatus. Indoor-golf.....	M. Whitlatch.....	811,347	Jan. 30	5555	1159	120	1366
Game attachment for tables.....	R. H. Schultz.....	830,180	Sept. 4	551	113	124	139
Game-board.....	N. T. Hale.....	809,502	Jan. 9	1816	374	120	434
Game-board.....	I. Silvernail.....	809,853	Jan. 9	2481	516	120	579
Game-board.....	S. E. Kuhn.....	815,960	Mar. 27	4007	848	121	1028
Game-board.....	H. W. Fisher.....	817,142	Apr. 3	1166	241	121	1618
Game-board.....	R. F. Elburn.....	818,237	Apr. 17	3380	725	121	2209
Game-board.....	S. M. Thomas.....	818,582	Apr. 24	4061	871	121	2407
Game-board.....	A. G. Gedney.....	820,356	May 8	2687	587	122	661
Game-board.....	R. T. Carr.....	823,507	June 19	2590	546	122	2399
Game-board.....	E. E. Hile.....	824,423	June 26	4354	926	122	2835
Game-board.....	E. M. Mikkelsen.....	829,222	Aug. 21	3102	652	123	2509
Game-board.....	G. V. Sanborn.....	834,494	Oct. 30	5214	1107	124	2666
Game-board. Roulette.....	W. W. Russell.....	827,670	July 31	6185	1284	123	1623
Game. Card.....	I. C. Paul.....	812,676	Feb. 13	2322	506	120	2036
Game. Card.....	J. G. A. Fortier.....	821,229	May 22	4495	957	122	1179
Game. Card.....	P. Gifford.....	832,576	Oct. 2	1104	222	124	1479
Game. Card.....	F. L. Ordway.....	837,878	Dec. 4	1184	262	125	1648
Game-carrier.....	J. M. Paul.....	825,753	July 10	2231	465	123	590
Game-counter.....	O. W. Field.....	818,676	Apr. 24	4259	915	121	2452
Game-counter.....	W. J. Pratt.....	829,603	Aug. 28	3919	830	123	2756
Game-counter.....	P. Edsall.....	835,218	Nov. 6	685	141	125	174
Game-counter and card-cabinet.....	J. O. Bewan.....	835,844	Nov. 13	1892	401	125	520
Game device.....	A. Ehebald.....	818,153	Apr. 17	3201	688	121	2171
Game device.....	R. D. Martin.....	824,560	June 26	4628	984	122	2896
Game device.....	S. Bristow.....	825,890	July 17	2478	516	123	662
Game device.....	B. C. Kenyon.....	830,078	Sept. 4	333	67-9	124	81
Game device.....	C. A. Berberich.....	830,288	Sept. 4	790	162	124	198
Game device.....	C. G. Davis.....	838,087	Dec. 11	1627	351	125	1804
Game. Foot-ball card.....	L. G. Robinson.....	817,191	Apr. 10	1277	265	121	1703
Game-maul.....	J. V. S. Paddock.....	827,658	July 31	6145	1277	123	1613
Game of skill. Apparatus for playing a.....	E. H. Bock.....	830,202	Sept. 4	618	125	124	157
Game or amusement device.....	P. W. Nelson.....	819,915	May 8	1750	376	122	455
Game. Parlor.....	J. A. S. Chevolleau.....	822,721	June 5	993	202	122	1947
Game-piece.....	F. L. Sackett.....	810,352	Jan. 16	3541	728	120	857
Game-recording device.....	A. S. Nichols.....	812,864	Feb. 20	2687	592	120	2160
Game-register.....	G. F. Goss and J. E. Parker.....	813,551	Feb. 27	4068	892-3	120	2521
Game score-box. Card.....	W. H. Hollis.....	834,301	Oct. 30	4843	1024	124	2572
Game-table.....	M. M. Johnson.....	811,148	Jan. 30	5157	1078	120	1279
Game-table.....	S. C. Roberts.....	820,367	May 8	2715	592	122	668
Game-table.....	M. M. Johnson.....	828,211	Aug. 7	1019	213	123	1920
Game-table.....	A. V. Bush.....	836,561	Nov. 20	3296	703	125	912
Games. Striking-bat for ball.....	E. B. Paget.....	819,250	May 1	428	90	122	100
Garage.....	C. S. Kellogg.....	832,979	Oct. 9	1927	403	124	1715
Garbage and sewage. Reducing.....	E. R. Edson.....	829,954	Sept. 4	23	6	124	7
Garbage and sewage reducing apparatus.....	E. R. Edson.....	829,955	Sept. 4	28	6-7	124	8
Garbage-burner.....	F. E. McGurrian.....	835,311	Nov. 6	872	184-5	125	221
Garbage-can.....	E. S. Pond.....	814,563	Mar. 6	1128	235	121	245
Garbage-can.....	J. R. Moler, H. E. Insley, and S. L. Phillips.....	816,989	Apr. 3	893	185	121	1557
Garbage-can.....	I. Hirsohn.....	821,241	May 22	4519	962	122	1185
Garbage-can.....	M. C. Birnie.....	836,555	Nov. 20	3285	700	125	910
Garbage-can.....	I. Hirsohn.....	839,588	Dec. 25	4581	977	125	2615
Garbage-can. Sanitary.....	G. Wangerheim.....	815,496	Mar. 20	3046	636	121	771
Garbage-consuming apparatus. Domestic.....	E. T. Vale.....	817,022	Apr. 3	952	195	121	1570
Garbage-crematory.....	W. M. Venable.....	830,027	Sept. 4	231	44	124	57
Garbage-furnace.....	B. Boulger.....	835,699	Nov. 13	1615	344	125	450
Garbage-furnace.....	W. F. Morse.....	836,330	Nov. 20	2847	605	125	804

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Garbage-incinerating apparatus.	G. R. Cottrell.	839,270	Dec. 25	3947	848-9	125	2461
Garbage-receptacle.	A. Gagnon and G. Paquette.	816,087	Mar. 27	4282	907	121	1091
Garbage-receptacle and cover.	J. I. Orkin.	838,804	Dec. 18	3032	654	125	2191
Garbage. Treating.	J. W. Sewell.	835,689	Nov. 13	1598	340	125	446
Garden implement.	G. W. Robinson.	820,601	May 15	3194	687	122	832
Garden-rake.	J. M. Smyth.	837,140	Nov. 27	4504	955	125	1244
Garden rake and cultivator.	B. J. H. Guice.	813,377	Feb. 20	3708	815	120	2380
Gardening-tool.	D. L. Kent.	824,123	June 26	3742	799	122	2708
Garlic-separator.	W. L. Spoon.	824,957	July 3	558	111-12	123	149
Garment.	W. J. Reid.	813,585	Feb. 27	4134	906	120	2534
Garment.	L. Reed.	815,933	Mar. 20	3951	837	121	965
Garment.	F. A. Platz.	818,785	Apr. 24	4492	961	121	2503
Garment.	W. S. Barker.	821,977	May 29	5991	1277	122	1565
Garment.	J. Walter.	824,456	June 26	4417	938	122	2849
Garment. Back-protection.	S. F. Swantees.	812,612	Feb. 13	2204	480	120	2014
Garment. Bracing.	L. Crumbly.	839,555	Dec. 25	4519	963	125	2600
Garment. Child's.	E. Hanks.	839,139	Dec. 25	3691	796	125	2400
Garment-clasp.	S. Rubin.	810,678	Jan. 23	4219	873	120	1043
Garment-clasp.	O. Kemper.	810,948	Jan. 30	4778	994	120	1198
Garment-clasp.	M. B. Gardner.	816,228	Mar. 27	4548	967	121	1147
Garment-clasp.	J. P. Croasdale.	821,466	May 22	4992	1061	122	1290
Garment-clasp.	J. F. Salchli.	821,748	May 29	5561	1183	122	1470
Garment-clasp.	H. H. Barnum.	824,332	June 26	4145	887	122	2794
Garment-clasp.	J. H. Geisel.	827,525	July 31	5883	1218	123	1544
Garment-clasp.	E. H. Heath.	827,801	Aug. 7	230	46	123	1728
Garment-clasp.	S. Rubin.	834,493	Oct. 30	5212	1107	124	2666
Garment-clasp.	M. Rubin.	838,907	Dec. 18	3210	693	125	2233
Garment clasp or supporter.	M. B. Gardner.	822,939	June 12	1407	295	122	2081
Garment-closure.	H. C. Stanley.	829,237	Aug. 21	3124	657	123	2513
Garment-fastener.	H. A. Hopkins.	810,537	Jan. 23	3957	814	120	985
Garment-fastener.	W. H. Unke.	811,005	Jan. 30	4889	1019	120	1222
Garment-fastener.	J. H. and I. Taylor.	815,231	Mar. 13	2484	517	121	600
Garment-fastener.	A. E. Smith.	816,750	Apr. 3	388	89	121	1445
Garment-fastener.	J. A. Knowlton.	819,767	May 8	1459	312	122	386
Garment-fastener.	C. B. Bowling.	821,851	May 29	5751	1224-5	122	1512
Garment-fastener.	H. Brisacher.	829,837	Aug. 28	4405	929	123	2875
Garment-fastener.	J. M. Steinhardt.	830,685	Sept. 11	1612	333	124	432
Garment-fastener.	E. B. Reilf.	835,141	Nov. 6	544	111	125	139
Garment-fastener.	W. Gustafson.	835,418	Nov. 6	1102	237	125	278
Garment-fastener.	F. J. Koemm.	837,307	Dec. 4	65	17	125	1370
Garment-fastener.	A. W. Riches.	838,056	Dec. 11	1546	332	125	1783
Garment-fastening.	P. A. C. Bates.	817,615	Apr. 10	2112	447	121	1876
Garment-fastening.	H. M. Neidig.	825,551	July 10	1788	377	123	479
Garment-fastening.	E. Kusche.	836,263	Nov. 20	2717	578	125	772
Garment-fitting device.	R. A. Hampton.	833,521	Oct. 16	3053	648	124	2043
Garment-fitting stand.	G. H. Scully.	825,941	July 17	2573	535	123	687
Garment-fitting table.	C. W. Walling.	825,782	July 10	2284	474-5	123	603
Garment-form.	P. F. Quinn.	836,893	Nov. 27	3979	850	125	1120
Garment-hanger.	W. F. Hall and W. Donaldson.	808,653	Jan. 2	66	14	120	17
Garment-hanger.	W. E. Messig.	816,808	Apr. 3	505	110	121	1469
Garment-hanger.	S. N. Cragin.	818,748	Apr. 24	4423	946	121	2489
Garment-hanger.	C. L. Patterson.	822,981	June 12	1485	309	122	2099
Garment-hanger.	J. E. Twitchell.	823,376	June 12	2313	485	122	2279
Garment-hanger.	M. L. Stansbury.	828,435	Aug. 14	1498	315	123	2067
Garment-hanger.	M. Rubin.	828,573	Aug. 14	1785	376	123	2143
Garment-hanger.	J. B. Bleichrode.	831,138	Sept. 18	2509	529	124	685
Garment-hanger.	M. W. Alloway.	831,317	Sept. 18	2859	606	124	774
Garment-hanger.	C. S. Barrell and R. H. Knight.	834,652	Oct. 30	5525	1173	124	2745
Garment-hanger.	E. T. Palmenberg.	835,464	Nov. 6	1177	254	125	295
Garment-hanger.	F. M. Zwarg.	837,653	Dec. 4	757	173	125	1542
Garment-hanger.	A. W. Bernard.	838,839	Dec. 18	3092	666	125	2207
Garment-hanger. Collapsible.	T. D. Sugrue.	834,946	Nov. 6	138	27	125	39
Garment-hanger for wardrobes, trunks, or the like.	D. Osterweil.	839,414	Dec. 25	4226	904-5	125	2529
Garment-hanger support.	G. H. Wheary.	838,828	Dec. 18	3070	661	125	2201
Garment-holder.	V. H. Rea.	821,742	May 29	5546	1181	122	1466
Garment-hook.	W. H. Hippisley. (Reissue)	825,701	Feb. 13	2558	563	120	2087
Garment-hook.	T. J. Browning.	825,451	July 10	2126	444	123	365
Garment-hook.	F. D. Scott.	827,885	Aug. 7	378	80	123	1763
Garment. Nursing.	W. L. Bailie, Jr.	816,840	Apr. 3	580	121	121	1488
Garment. One-piece blouse.	J. B. Pearson.	816,367	Mar. 27	4857	1029-30	121	1213
Garment or hose supporter.	M. B. Gardner.	829,147	Aug. 21	2951	617	123	2472
Garment or pajamas. Sleeping.	W. O. Lee.	819,232	May 1	400	84	122	94
Garment-pad.	R. Raphael.	814,395	Mar. 6	814	167	121	178
Garment-pads. Making.	G. Goldman.	810,935	Jan. 30	4747	990	120	1191
Garment-pressing machine.	J. B. Replogle.	831,892	Sept. 25	4041	842	124	1115
Garment-rack.	F. Wolf.	825,097	July 3	812	168-9	123	216
Garment-rack. Individual safety.	H. J. Bouhall.	812,917	Feb. 20	2785	613	120	2182
Garment-securing device.	J. E. Rhodes.	822,076	May 29	6180	1317	122	1610
Garment-stretcher.	W. H. Smith and W. K. Shultz.	830,257	Sept. 4	722	146	124	183
Garment-stretcher.	T. T. Hall.	830,429	Sept. 4	1069	223	124	264
Garment-stretcher.	F. J. Leight.	831,360	Sept. 18	2934	622	124	793
Garment-support.	M. S. Goldman.	814,440	Mar. 6	896	184	121	195
Garment-support.	A. H. Hawk.	834,725	Oct. 30	5665	1202	124	2781
Garment-supporter.	H. F. Niles.	809,074	Jan. 2	885	188	120	196
Garment-supporter.	B. F. Orewler.	809,210	Jan. 2	1158	240	120	255
Garment-supporter.	B. Ortell.	810,505	Jan. 23	3893	799-800	120	972
Garment-supporter.	I. J. Johnson.	811,505	Jan. 30	5825	1219	120	1421
Garment-supporter.	R. H. Emry.	811,553	Feb. 6	29	7	120	1491
Garment-supporter.	V. H. Rea.	812,526	Feb. 13	2028	445	120	1980
Garment-supporter.	D. H. Crosser.	815,906	Mar. 20	3907	827	121	956
Garment-supporter.	C. W. Waldo.	818,064	Apr. 17	3015	652	121	2131
Garment-supporter.	G. H. Phelps.	819,164	May 1	243	53	122	61
Garment-supporter.	G. H. Phelps.	819,165	May 1	245	53	122	61
Garment-supporter.	F. W. Phillips.	819,166	May 1	246	53	122	61
Garment-supporter.	H. P. Coulter.	820,393	May 15	2776	602	122	742
Garment-supporter.	G. H. Perrine.	822,866	June 5	1261	260	122	2002

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Garment-supporter.	L. O. Ma Lone.	823,284	June 12	2150	449	122	2246
Garment-supporter.	C. Chrysler.	823,922	June 19	3376	720	122	2572
Garment-supporter.	M. J. Kennelly and W. J. Donoh.	825,395	July 10	1425	298	123	368
Garment-supporter.	J. H. Mintier.	825,922	July 17	2530	527	123	674
Garment-supporter.	T. O. Moran.	828,951	Aug. 21	2522	535	123	2360
Garment-supporter.	J. F. Kosmatka.	831,445	Sept. 18	3094	635	124	833
Garment-supporter.	L. D. and A. C. Powell.	831,989	Sept. 25	4216	881	124	1158
Garment-supporter.	F. Shaefer.	832,344	Oct. 2	661	126	124	1371
Garment-supporter.	I. Housel.	833,928	Oct. 23	3925	832	124	2304
Garment-supporter.	M. A. Wells.	835,996	Nov. 13	2149	461	125	579
Garment-supporter.	C. S. Nonnemacher.	837,103	Nov. 27	4432	939	125	1227
Garment-supporter.	E. M. Silberman.	839,044	Dec. 18	3454	747	125	2294
Garment-supporter.	M. M. Sturm and J. Silverstein.	839,226	Dec. 25	3867	832	125	2441
Garment-supporter clasp.	J. H. and I. Taylor.	827,273	July 31	5287	1096	123	1399
Garment-supporter fastener.	F. J. Dole.	837,548	Dec. 4	528	123	125	1487
Garment-supporters. Friction-slide for.	A. Abizaid.	821,011	May 22	4078	868	122	1087
Garment-supporting device.	J. Ettinger.	820,856	May 15	3712	792	122	946
Garment-supporting device.	J. L. Ubellar.	831,390	Sept. 18	2994	636	124	807
Garment-suspender.	A. Hånsel.	830,785	Sept. 11	1816	377	124	487
Garments and the like. Rotary hook-support for.	J. C. Smith.	812,691	Feb. 13	2346	513	120	2041
Garments from tubular fabrics. Cutting.	J. J. McDonald.	826,683	July 24	4084	848	123	1086
Garments. Girdle attachment for supporting.	E. A. Toussaint.	814,994	Mar. 13	1974	415	121	485
Garments. Machine for pressing busts and shoulders of.	W. Eastman.	831,842	Sept. 25	3906	819	124	1082
Garter.	J. H. Beatty.	820,380	May 8	2741	597	122	673
Garter.	D. Broadbelt.	836,626	Nov. 20	3409	728	125	936
Garter.	R. Gorton.	838,708	Dec. 18	2844	611	125	2146
Garter. Boy's side.	W. H. Bristol.	822,180	May 29	6381	1355	122	1655
Garter-fastening device. Men's.	J. Maltby.	814,464	Mar. 6	939	192	121	205
Gas-administering apparatus.	W. N. Wayman.	819,392	May 1	726	154	122	165
Gas-analysis apparatus.	J. M. Morehead.	824,999	July 3	643	129	123	168
Gas analysis. Apparatus for.	A. Bayer.	834,040	Oct. 23	4271	906-7	124	2385
Gas analysis. Apparatus for.	E. Schatz.	835,559	Nov. 13	1352	290	125	384
Gas and air for heating purposes. Mixing acetylene.	A. Keith.	823,538	June 19	2662	561	122	2414
Gas and separating its elements. Apparatus for liquefying.	C. Linde.	815,544	Mar. 20	3144	658	121	792
Gas and steam engine.	H. B. Nicodemus.	821,373	May 22	4800	1020	122	1248
Gas apparatus.	H. Y. B. Duff.	820,959	May 22	3961	842	122	1061
Gas apparatus.	L. A. Watts.	831,022	Sept. 11	2235	472-3	124	590
Gas apparatus.	J. A. Perry.	838,447	Dec. 11	2334	507	125	1977
Gas apparatus. Acetylene.	P. H. Widman.	812,388	Feb. 13	1764	386	120	1925
Gas apparatus. Acetylene.	E. M. Rosenbluth.	821,540	May 22	5121	1090-1	122	1316
Gas. Apparatus for manufacturing.	P. I. Cohen.	827,081	July 31	4878	1017	123	1295
Gas. Apparatus for manufacturing corroding.	J. W., F. T., and M. Bailey.	829,379	Aug. 28	3431	722	123	2635
Gas. Apparatus for manufacturing producer.	W. H. Adams and F. Powell.	834,238	Oct. 30	4716	999	124	2541
Gas. Apparatus for producing power.	L. Hertzog.	829,919	Aug. 28	4584	966	123	2920
Gas. Apparatus for the generation of acetylene.	A. Rosenberg.	824,509	June 26	4516	958-9	122	2872
Gas. Apparatus for the manufacture of illuminating.	C. W. Billfinger.	827,075	July 31	4868	1014-15	123	1293
Gas. Apparatus for the manufacture of illuminating.	W. H. Adams and F. Powell.	834,239	Oct. 30	4718	999	124	2541
Gas apparatus. Power.	G. M. S. Tait.	810,685	Jan. 23	4231	876	120	1046
Gas-burner.	S. W. Hyatt.	810,653	Jan. 23	4181	864	120	1034
Gas-burner.	W. C. Homan and F. T. Williams.	811,399	Jan. 30	5646	1181	120	1385
Gas-burner.	R. Swimmer and E. B. Neelen.	811,970	Feb. 6	876	193-4	120	1668
Gas-burner.	S. Bernheim.	812,975	Feb. 20	2911	642	120	2210
Gas-burner.	P. Keller.	815,536	Mar. 20	3129	655	121	789
Gas-burner.	A. C. Mouser.	817,261	Apr. 10	1423	299	121	1732
Gas-burner.	G. Machlet, Jr.	819,018	Apr. 24	4929	1058	121	2598
Gas-burner.	F. O. Carlson.	820,623	May 15	3228	694	122	839
Gas-burner.	L. H. Bacque.	821,694	May 29	5444	1160	122	1442
Gas-burner.	W. S. McLewee.	822,465	June 5	453	92	122	1824
Gas-burner.	F. Egge.	823,165	June 12	1887	389	122	2187
Gas-burner.	H. Süssmann.	823,308	June 12	2198	458	122	2256
Gas-burner.	G. Machlet, Jr.	823,475	June 12	2503	526	122	2321
Gas-burner.	W. P. Wiemann.	823,836	June 19	3220	681	122	2587
Gas-burner.	H. W. O'Dowd.	824,308	June 26	4090	877	122	2784
Gas-burner.	J. F. Borne.	824,972	July 3	597	120	123	158
Gas-burner.	I. C. Daly.	827,621	July 31	6072	1259	123	1594
Gas-burner.	L. T. Alton.	830,758	Sept. 11	1773	366	124	477
Gas-burner.	W. S. Prim.	831,469	Sept. 18	3138	665	124	844
Gas-burner.	A. H. Humphrey.	834,907	Nov. 6	63	12	125	18
Gas-burner.	J. M. Pfaudler.	835,198	Nov. 6	647	133	125	165
Gas-burner.	F. M. Ashley.	838,156	Dec. 11	1775	381-2	125	1840
Gas-burner.	A. J. Quinlan.	839,032	Dec. 18	3430	741	125	2288
Gas-burner. Acetylene.	J. B. Carroll.	817,750	Apr. 17	2368	508	121	1989
Gas-burner. Acetylene.	J. Harris.	823,329	June 12	2233	466	122	2263
Gas-burner and fixture therefor.	R. M. Bucknam.	811,529	Jan. 30	5872	1231	120	1431
Gas burner and lamp. Incandescent.	A. S. Francis.	820,711	May 15	3401	727	122	876
Gas-burner attachment.	A. D. Zimmerman.	833,106	Oct. 9	2171	457	124	1777
Gas-burner. High-pressure.	W. Kirkwood.	810,870	Jan. 23	4582	954	120	1122
Gas-burner. Incandescent.	E. R. Wilner.	812,469	Feb. 13	1908	421	120	1955
Gas-burner. Incandescent.	M. H. Samson.	827,755	Aug. 7	123	27	123	1700
Gas-burner. Incandescent.	C. O. Dryden.	835,182	Nov. 6	617	126	125	156
Gas-burner inspirator and mixer.	J. W. McKnight.	810,968	Jan. 30	4817	1002	120	1207
Gas-burner. Inverted.	C. T. Fuller.	833,037	Oct. 9	2034	428	124	1741
Gas-burner. Inverted incandescent.	H. Farnoff.	813,042	Feb. 20	3033	668	120	2236
Gas-burner. Inverted incandescent.	E. Kramer.	814,459	Mar. 6	929	191	121	202
Gas-burner. Inverted incandescent.	J. Bridger.	816,427	Mar. 27	4985	1058	121	1239
Gas-burner. Inverted incandescent.	M. Kay.	818,255	Apr. 17	3416	732	121	2216
Gas-burner. Inverted incandescent.	H. Süssmann.	823,309	June 12	2200	458-9	122	2256
Gas-burner pressure-regulator.	S. W. Hyatt.	835,221	Nov. 6	689	142	125	175
Gas-burner regulator.	A. A. Pratt.	832,159	Oct. 2	289	54	124	1282
Gas-burner. Safety.	S. W. Ekroos.	808,825	Jan. 2	398	87	120	89
Gas-burner. Safety.	E. and R. Smejkal.	816,260	Mar. 27	4609	979	121	1161
Gas-burner. Safety.	C. H. White.	816,893	Apr. 3	687	142	121	1511
Gas-burner. Safety.	S. Katz.	820,647	May 15	3264	702	122	847
Gas-burner. Safety.	F. C. Huber.	831,723	Sept. 25	3691	772	124	1028

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gas-burner safety attachment.....	S. H. Blodgett.....	829,136	Aug. 21	2921	613	123	2464
Gas-burners. Automatic igniting and extinguishing appliance for.....	J. Horowitz.....	837,838	Dec. 4	1102	246	125	1628
Gas-burners. Automatic lighter and extinguisher for.....	J. L. Bruce.....	816,962	Apr. 3	835	171-2	121	1543
Gas-burners. Chimney for incandescent.....	L. Stoess.....	812,610	Feb. 13	2202	479	120	2014
Gas-burners. Controller for use in connection with the ignition of.....	V. C. J. Nightingall.....	836,274	Nov. 20	2734	582	125	778
Gas-burners. Device for lighting by electricity reversed.....	P. Benard.....	836,295	Nov. 20	2778	590	125	789
Gas-burners. Electric lighter and extinguisher for.....	O. and C. Candi.....	811,200	Jan. 30	5271	1103	120	1304
Gas-burners. Self-lighting attachment for.....	F. Chipault.....	838,239	Dec. 11	1941	415-16	125	1881
Gas. Burning acetylene.....	J. B. Carroll.....	817,751	Apr. 17	2369	508	121	1989
Gas-burning apparatus.....	L. Moreno and A. D'Antony.....	812,513	Feb. 13	2000	438-9	120	1974
Gas-calorimeter.....	C. E. Sargent.....	816,042	Mar. 27	4176	885	121	1067
Gas-calorimeter.....	H. L. Doherty.....	828,306	Aug. 14	1237	258-61	123	2002
Gas-check.....	A. Ullmann.....	820,835	May 15	3674	784	122	937
Gas-check for screw breech mechanisms. Plastic.....	J. Vollmer and H. Herbaczowski.....	819,186	May 1	291	62	122	73
Gas-check pad.....	E. A. Yarnell.....	818,069	Apr. 17	3031	654	121	2134
Gas-check pad.....	E. A. Yarnell.....	822,644	June 5	834	170	122	1912
Gas-cleaner.....	P. Meehan.....	821,425	May 22	4915	1044-5	122	1272
Gas-cleaning machine.....	C. O. Nordensson.....	820,247	May 8	2498	540	122	619
Gas. Coking and making.....	L. P. Lowe.....	819,663	May 1	1229	268	122	276
Gas-compressor.....	L. Sterne.....	811,181	Jan. 30	5228	1094	120	1294
Gas-condensing apparatus.....	S. T. Muffy.....	820,884	May 15	3786	807-8	122	962
Gas-conduit-controlling apparatus.....	R. N. Oakman.....	813,577	Feb. 27	4124	904	120	2532
Gas-consuming furnace for crematories.....	F. L. Decarie.....	830,974	Sept. 11	2145	454	124	569
Gas-controller.....	T. B. Wylie.....	819,492	May 1	913	200	122	204
Gas-controller for flash-lights and the like.....	R. C. Roehl.....	809,077	Jan. 2	907	191	120	200
Gas-controlling apparatus.....	J. Higginson, Jr.....	828,313	Aug. 14	1255	264-5	123	2006
Gas-controlling device.....	W. T. Donnelly.....	812,730	Feb. 13	2425	531	120	2058
Gas-controlling device. Automatic.....	H. Schneider.....	811,588	Feb. 6	108	23	120	1509
Gas cut-off.....	V. E. Campbell.....	831,213	Sept. 18	2643	555	124	717
Gas danger-signal. Automatic.....	P. A. Kettering.....	808,929	Jan. 2	606	132	120	134
Gas-depurator.....	G. G. Smith.....	824,956	July 3	556	111	123	148
Gas. Device for regulating the quality of.....	C. Matthews, Jr.....	838,633	Dec. 18	2709	581	125	2112
Gas. Device for regulating the quality of.....	C. Matthews, Jr.....	838,634	Dec. 18	2710	581	125	2112
Gas drier. Acetylene.....	W. H. White.....	826,393	July 17	3433	711	123	898
Gas-engine.....	N. Crane.....	808,902	Jan. 2	559	123-4	120	122
Gas-engine.....	W. T. Fox.....	809,292	Jan. 9	1371	278-9	120	337
Gas-engine.....	E. F. Porter and W. R. Whiting.....	810,347	Jan. 16	3538	727	120	856
Gas-engine.....	W. G. Miller.....	810,495	Jan. 23	3868	795	120	966
Gas-engine.....	E. F. Porter and W. R. Whiting.....	810,565	Jan. 23	4012	826	120	907
Gas-engine.....	V. G. Apple.....	811,757	Feb. 6	410	90	120	1576
Gas-engine.....	E. C. Kavanaugh.....	814,609	Mar. 6	1212	253-4	121	262
Gas-engine.....	I. S. Barnett.....	816,062	Mar. 27	4219	894-5	121	1077
Gas-engine.....	W. Heckert.....	816,549	Mar. 27	5226	1108	121	1294
Gas-engine.....	F. H. Hurlbut and T. W. Munroe.....	820,497	May 15	2987	645-6	122	786
Gas-engine.....	J. C. Scovel, Jr.....	820,891	May 15	3802	811	122	965
Gas-engine.....	B. F. Stewart.....	823,450	June 12	2448	517-18	122	2308
Gas-engine.....	H. J. Smith.....	827,759	Aug. 7	128	28	123	1702
Gas-engine.....	P. Mohrdieck.....	827,810	Aug. 7	244	49-50	123	1732
Gas-engine.....	B. B. Mears.....	829,279	Aug. 21	3218	677	123	2536
Gas-engine.....	R. Willetts.....	830,270	Sept. 4	757	155	124	190
Gas-engine.....	F. O. Farwell.....	831,048	Sept. 18	2310	488	124	643
Gas-engine.....	R. Hartwig.....	832,668	Oct. 9	1316	265	124	1570
Gas-engine.....	T. N. Kellett.....	835,759	Nov. 13	1733	369	125	479
Gas-engine.....	J. W. Eisenhuth.....	838,013	Dec. 11	1454	314-15	125	1759
Gas-engine.....	H. G. Carnell. (Reissue).....	12,572	Dec. 11	2461	535	125	2007
Gas-engine and valve mechanism therefor.....	A. Dina.....	834,566	Oct. 30	5335	1133-4	124	2697
Gas-engine. Compound.....	J. W. Eisenhuth.....	809,791	Jan. 9	2372	490	120	554
Gas-engine condenser.....	L. J. Monahan.....	825,923	July 17	2531	527	123	675
Gas engine. Explosive.....	E. G. Shortt.....	812,304	Feb. 13	1608	353-4	120	1892
Gas-engine. Rotary.....	E. J. Weeks.....	838,150	Dec. 11	1767	379-80	125	1838
Gas-engine. Tandem.....	L. F. Burger.....	816,215	Mar. 27	4526	961-2	121	1143
Gas-exhauster.....	J. T. Wilkin.....	819,830	May 8	1594	339	122	420
Gas. Extraction of ammonia from.....	W. Feld.....	837,045	Nov. 27	4326	.....	125	1200
Gas-filter.....	G. A. Stebbins.....	816,266	Mar. 27	4625	981-2	121	1164
Gas-fixture.....	P. J. Nevins.....	809,727	Jan. 9	2258	468	120	529
Gas-fixture and mirror-support.....	L. Van Horn.....	833,492	Oct. 16	3004	638	124	2031
Gas-fixture. Incandescent.....	W. T. Donnelly.....	822,353	June 5	252	53	122	1781
Gas for extracting tar, water, and ammonia. Treating coal.....	W. Feld.....	830,983	Sept. 11	2168	.....	124	575
Gas for power purposes. Producing.....	F. W. Barker and T. L. White.....	839,798	Dec. 25	5009	1069	125	2720
Gas for railway traffic-controlling apparatus. Utilizing liquefied.....	C. W. Coleman.....	810,263	Jan. 16	3349	694	120	814
Gas from carbonaceous liquids. Process and apparatus for generating a combustible.....	F. Cotton.....	831,835	Sept. 25	3893	816	124	1078
Gas-furnace.....	R. S. Thompson.....	816,276	Mar. 27	4645	985-6	121	1168
Gas-furnace.....	D. A. Ebinger.....	818,151	Apr. 17	3197	688	121	2171
Gas-furnace.....	B. F. Jackson.....	837,571	Dec. 4	574	134	125	1498
Gas-furnace or coke-oven.....	H. Koppers.....	818,033	Apr. 17	2966	640-1	121	2121
Gas-furnace. Regenerative.....	F. Siemens.....	822,486	June 5	502	102	122	1836
Gas. Generating.....	C. Ellis.....	814,001	Feb. 27	4949	1094	120	2705
Gas. Generating.....	C. Ellis.....	835,506	Nov. 13	1255	270	125	362
Gas-generating apparatus.....	B. E. Eldred and C. Ellis.....	811,706	Feb. 6	329	72	120	1559
Gas-generating apparatus.....	L. P. Lowe.....	819,666	May 1	1231	269	122	276
Gas-generating apparatus.....	H. B. Rouse.....	821,258	May 22	4553	969	122	1191
Gas-generating apparatus.....	M. D. Shaw and W. P. Rhody.....	830,015	Sept. 4	204	38	124	51
Gas-generating apparatus.....	T. A. Davis.....	836,963	Nov. 27	4141	883	125	1155
Gas-generating apparatus. Acetylene.....	A. Rosenberg.....	831,894	Sept. 25	4045	843	124	1115
Gas-generating furnace.....	C. A. Buzzell.....	824,337	June 26	4156	889	122	2796
Gas-generating kiln. Revolving.....	S. E. Siurin.....	822,394	June 5	320	66	122	1795
Gas-generating machine.....	O. V. Munroe.....	819,074	May 1	79	19	122	21
Gas-generating machine. Acetylene.....	A. E. Schlieder.....	829,674	Aug. 28	4054	859-60	123	2790
Gas-generating system.....	F. H. Treat.....	835,293	Nov. 6	831	173-4	125	210

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gas-generator.	N. Goodyear.	808,650	Jan. 2	59	12-13	120	15
Gas-generator.	C. L. Parsons.	811,737	Feb. 6	377	82	120	1569
Gas-generator.	J. Radcliffe.	816,123	Mar. 27	4346	921	121	1104
Gas-generator.	J. G. L. Bormann.	817,035	Apr. 3	974	200	121	1575
Gas-generator.	A. H. Jones.	822,132	May 29	6281	1337-8	122	1633
Gas-generator.	A. von Kerpely.	826,036	July 17	2758	570-1	123	736
Gas-generator.	W. H. Cone.	830,883	Sept. 11	1987	418	124	531
Gas-generator.	G. Cothran.	834,109	Oct. 23	4430	941-3	124	2421
Gas-generator.	C. L. Gerrard.	836,495	Nov. 20	3165	671	125	880
Gas generator. Acetylene.	E. M. Rosenbluth.	815,745	Mar. 20	3574	750	121	887
Gas generator. Acetylene.	J. B. Dulaney.	816,717	Apr. 3	333	77	121	1434
Gas generator. Acetylene.	O. M. Brauer.	816,775	Apr. 3	442	100	121	1455
Gas generator. Acetylene.	O. M. Brauer.	816,776	Apr. 3	445	100-1	121	1456
Gas generator. Acetylene.	L. C. Gilmore.	816,976	Apr. 3	864	179	121	1550
Gas generator. Acetylene.	M. D. Compton.	819,980	May 8	1925	426	122	489
Gas generator. Acetylene.	C. W. Beck.	820,468	May 15	2923	635	122	772
Gas generator. Acetylene.	J. R. Shreffis.	820,993	May 22	4044	860	122	1080
Gas generator. Acetylene.	R. A. Carl.	822,249	June 5	40	9	122	1738
Gas generator. Acetylene.	G. E. Chandler.	823,103	June 12	1760	362-3	122	2158
Gas generator. Acetylene.	G. Hervieu and C. Thuillet.	825,213	July 3	1048	221	123	274
Gas generator. Acetylene.	W. H. White.	825,368	July 10	1361	287	123	372
Gas generator. Acetylene.	D. W. Hazeltine.	825,535	July 10	1748	367	123	469
Gas generator. Acetylene.	A. F. Chace.	827,503	July 31	5831	1208	123	1531
Gas generator. Acetylene.	M. Goldstein.	828,399	Aug. 14	1421	300	123	2048
Gas generator. Acetylene.	J. W. Nunn and T. D. Griffin.	829,284	Aug. 21	3226	679	123	2539
Gas generator. Acetylene.	L. H. Little.	831,560	Sept. 25	3334	700	124	930
Gas generator. Acetylene.	J. W. Woodson.	832,521	Oct. 2	999	201	124	1453
Gas generator. Acetylene.	T. S. Holt.	833,600	Oct. 16	3220	685-6	124	2084
Gas generator. Acetylene.	J. Margreth.	834,831	Oct. 30	5893	1248	124	2838
Gas generator. Acetylene.	J. F. Phillippi.	835,033	Nov. 6	315	67	125	81
Gas generator. Acetylene.	J. F. Ormiston.	835,913	Nov. 13	2017	429	125	548
Gas generator. Acetylene.	M. F. McNelly.	836,272	Nov. 20	2732	581	125	777
Gas generator. Acetylene.	C. A. King.	836,509	Nov. 20	3188	675	125	886
Gas generator. Acetylene.	A. E. Schlieder.	837,737	Dec. 4	925	208-9	125	1585
Gas generator. Acetylene.	P. O. Hays.	838,022	Dec. 11	1473	318	125	1764
Gas generator. Acetylene.	J. M. Scriven and C. F. Barr.	839,428	Dec. 25	4258	911	125	2538
Gas generator and controller. Acetylene.	H. Symonds.	830,465	Sept. 4	1141	239-40	124	282
Gas generator and mixer.	J. B. Crawford and E. M. Sinclair.	819,731	May 8	1384	298	122	370
Gas generator. Hydrocarbon.	L. Henderson.	811,845	Feb. 6	592	129	120	1610
Gas-generator valve.	J. Levey.	825,064	July 3	750	157	123	201
Gas generators. Feed mechanism for acetylene.	A. C. Einstein.	839,565	Dec. 25	4539	968	125	2605
Gas generators. Valve for acetylene.	I. W. Higgs and H. Hoyoss.	823,598	June 19	2767	586	122	2437
Gas-heater.	L. F. Knoderer.	815,099	Mar. 13	2197	463	121	533
Gas-heater.	E. H. Whitney.	819,260	May 1	446	94	122	104
Gas-heater.	C. Eickemeyer.	823,267	June 12	2117	441	122	2239
Gas-heater.	E. G. Van Zandt.	838,596	Dec. 18	2632	567	125	2094
Gas-heater and evaporator.	P. S. Murta.	825,607	July 10	1897	401	123	504
Gas heating apparatus.	A. C. Carey.	824,338	June 26	4158	890	122	2796
Gas heating device.	V. Kost.	822,374	June 5	287	59	122	1788
Gas-holder.	L. P. Lowe.	819,665	May 1	1231	269	122	276
Gas-holder.	W. Gadd.	831,053	Sept. 18	2323	490	124	645
Gas-holder.	W. Gadd.	833,315	Oct. 16	2629	552	124	1943
Gas-igniter. Automatic.	A. B. Handschug.	817,640	Apr. 10	2157	458	121	1886
Gas-igniter. Distant-acting electrical.	G. Lentschat.	831,013	Sept. 11	2221	469	124	587
Gas igniting and extinguishing device.	R. N. Oakman.	830,919	Sept. 11	2051	432	124	546
Gas igniting and extinguishing device.	F. S. Grünfeld.	831,060	Sept. 18	2344	494	124	650
Gas-jet hood.	F. B. Cather.	823,261	June 12	2106	439	122	2237
Gas-jet regulator.	C. J. Johnson.	831,512	Sept. 18	3220	680	124	866
Gas-light. Incandescent.	S. Mason.	817,081	Apr. 3	1048	217	121	1590
Gas-light mantles. Machine for incinerating, bak- ing, and shaping incandescent	C. Clamond.	838,080	Dec. 11	1610	347	125	1798
Gas-light or for heating purposes. Burner for in- candescent	I. Shooob.	822,871	June 5	1269	262	122	2004
Gas-light switch.	T. A. Davis.	813,357	Feb. 20	3667	804	120	2371
Gas-lights. Antivibrator burner for incandescent.	C. P. Ehmann.	812,167	Feb. 6	1298	283	120	1753
Gas-lights. Device for intermittent.	C. Matthews, Jr., and E. E. Laun.	830,092	Sept. 4	367	74	124	89
Gas-lighter. Electric.	G. Giorgi.	835,946	Nov. 13	2073	443	125	561
Gas lighting and extinguishing apparatus.	R. N. Oakman.	813,576	Feb. 27	4123	903	120	2532
Gas lighting and extinguishing apparatus. Time.	T. F. Westenholz.	827,592	July 31	5999	1248	123	1572
Gas-lighting attachment.	W. B. Carrick.	838,685	Dec. 18	2811	603	125	2138
Gas-lighting burner. Incandescent.	D. Anderson.	815,777	Mar. 20	3635	764	121	898
Gas-lighting mechanism. Time.	N. F. Englund.	836,492	Nov. 20	3162	671	125	879
Gas machine. Acetylene.	F. P. Cave.	827,348	July 31	5430	1129	123	1435
Gas machine. Acetylene.	R. M. Patterson.	831,519	Sept. 18	3239	683	124	871
Gas machine. Acetylene.	F. M. Celer.	833,023	Oct. 9	2007	420	124	1735
Gas-main bag.	J. H. White.	827,835	Aug. 7	288	59	123	1742
Gas. Making.	F. Dannert.	821,928	May 29	5900	1254	122	1546
Gas. Making.	H. Dicke.	839,459	Dec. 25	4324	125	125	2553
Gas. Making and burning fuel.	W. T. Griffin.	816,314	Mar. 27	4715	1001	121	1184
Gas-making apparatus.	L. P. Lowe.	817,647	Apr. 10	2171	461	121	1889
Gas-making apparatus.	L. P. Lowe.	817,648	Apr. 10	2172	461	121	1889
Gas-making apparatus.	L. P. Lowe.	819,662	May 1	1227	268	122	275
Gas-making apparatus.	L. P. Lowe.	821,594	May 22	5221	1114	122	1337
Gas-making apparatus.	L. P. Lowe.	833,070	Oct. 9	2105	443	124	1760
Gas. Making hydrocarbon and combustible.	H. S. Blackmore.	819,506	May 1	935	122	122	209
Gas. Making self-igniters for.	H. Schimmel.	825,765	July 10	2252	123	123	595
Gas-mantle. Incandescent.	M. Koblenzer.	818,032	Apr. 17	2965	640	121	2121
Gas. Manufacturing.	L. P. Lowe.	817,126	Apr. 3	1133	235	121	1612
Gas. Manufacturing.	L. P. Lowe.	819,661	May 1	1226	268	122	275
Gas. Manufacturing.	L. P. Lowe.	822,531	June 5	589	118	122	1856
Gas. Manufacturing.	J. J. Johnston.	826,511	July 17	3715	769-71	123	976
Gas. Manufacturing.	P. Schmidt.	836,054	Nov. 13	2249	481	125	604
Gas manufacturing and delivering apparatus.	L. P. Lowe.	817,649	Apr. 10	2174	462	121	1889
Gas-manufacturing apparatus.	J. J. Johnston.	826,214	July 17	3106	643-5	123	819
Gas. Manufacturing illuminating.	W. H. Adams and F. Powell.	834,241	Oct. 30	4724	1000	124	2542
Gas. Means for automatically lighting.	H. Schimmel.	825,764	July 10	2250	468	123	594

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gas. Means for heating compressed	W. H. Sodeau	835,262	Nov. 6	776	162	125	196
Gas-meter	K. R. Howard	813,097	Feb. 20	3144	689	120	2261
Gas-meter	S. E. Crawford	814,359	Mar. 6	730	148	121	161
Gas-meter	W. K. Harrington	814,958	Mar. 13	1895	398-9	121	470
Gas-meter	J. Geen	820,563	May 15	3134	674	122	819
Gas-meter	F. Smith	830,017	Sept. 4	207	39	124	52
Gas-meter	A. S. J. Weir and T. J. Henning	834,093	Oct. 23	4399	935	124	2414
Gas-meter	V. P. Wilkins	834,854	Oct. 30	5942	1262	124	2849
Gas-meter prepayment attachment	L. T. Bulley	825,187	July 3	989	208-9	123	259
Gas-meter. Wet	J. O. Jones	825,324	July 10	1273	268	123	349
Gas-meters. Prepayment attachment for	R. L. Fersenheim	824,419	June 26	4347	924-5	122	2834
Gas-meters with provers. Device for connecting	T. R. Reichelderfer	836,894	Nov. 27	3983	851	125	1120
Gas-mixer	M. Scott	816,045	Mar. 27	4181	886	121	1069
Gas-mixer	O. Robbel	822,771	June 5	1075	221	122	1964
Gas mixtures. Controlling means for combustible	H. A. Croxton	826,148	July 17	2972	618	123	788
Gas, oil, water, and sand separator	A. S. Cooper	815,407	Mar. 20	2899	601	121	738
Gas-pipe thawing attachment	J. Zvetina	831,695	Sept. 25	3639	762	124	1014
Gas-pipes. Automatic alarm for	A. L. Schultz	817,009	Apr. 3	924	191	121	1563
Gas-pipes. Safety-valve for	A. W. Jenczewsky	824,933	July 3	513	101	123	137
Gas-pipes. Safety-valve for	A. W. Jenczewsky	824,934	July 3	515	101	123	138
Gas-pipes. Safety-valve for	A. W. Jenczewsky	824,935	July 3	517	102	123	138
Gas-pipes. Trap for condensed matter in	F. E. Morgan	836,696	Nov. 27	3594	766	125	1017
Gas plant. Acetylene	W. J. Stinson	809,473	Jan. 9	1760	363	120	420
Gas-pressure regulator and governor	R. and W. J. Hillis	814,604	Mar. 6	1206	252	121	261
Gas-producer	O. C. Skinner and J. E. Sheaffer	809,023	Jan. 2	789	170	120	174
Gas-producer	J. R. George	809,295	Jan. 9	1375	279	120	338
Gas-producer	E. Sandner	809,849	Jan. 9	2472	574	120	577
Gas-producer	C. Ellis	811,208	Jan. 30	5287	1106	120	1307
Gas-producer	E. N. Trump	813,600	Feb. 27	4158	912-13	120	2539
Gas-producer	C. Ellis	813,629	Feb. 27	4219	927	120	2552
Gas-producer	J. H. Swindell	814,249	Mar. 6	489	100-1	121	105
Gas-producer	A. Cerasoli	815,794	Mar. 20	3675	773-4	121	906
Gas-producer	C. Ellis	815,913	Mar. 20	3920	829	121	959
Gas-producer	F. G. Hobart	817,853	Apr. 17	2589	558	121	2037
Gas-producer	C. H. Morgan	819,075	May 1	83	19	122	22
Gas-producer	H. Gerdes	824,353	June 26	4191	896	122	2803
Gas-producer	R. Hilprecht	824,359	June 26	4199	897	122	2805
Gas-producer	E. Sandner	824,384	June 26	4260	907	122	2817
Gas-producer	J. Reuleaux	824,883	July 3	412	79	123	113
Gas-producer	J. G. Nash	829,541	Aug. 28	3793	805	123	2725
Gas-producer	W. B. Hughes	829,651	Aug. 28	4016	851	123	2780
Gas-producer	W. H. Cone	830,584	Sept. 11	1989	418	124	532
Gas-producer	G. Campion and M. Wyant	830,968	Sept. 11	2136	452	124	566
Gas-producer	A. M. Gow	831,854	Sept. 25	3944	824	124	1090
Gas-producer	A. M. Levin	835,626	Nov. 13	1494	318-19	125	421
Gas-producer	L. Boutillier	835,847	Nov. 13	1897	402	125	521
Gas-producer	C. L. Armstrong	837,026	Nov. 27	4270	908	125	1184
Gas-producer	H. Riché	837,121	Nov. 27	4466	948	125	1235
Gas-producer	L. C. Parker	837,584	Dec. 4	610	142	125	1504
Gas-producer	F. Thiele	837,755	Dec. 4	956	215	125	1592
Gas-producer	W. H. Bradley	838,946	Dec. 18	3274	708	125	2247
Gas-producer charging-door	H. F. Smith	822,781	June 5	1088	225	122	1966
Gas-producer. Suction	E. Higgins	824,358	June 26	4198	897	122	2805
Gas-producer valve	F. G. Hobart	809,261	Jan. 2	1304	265	120	287
Gas-producers. Device for automatically regulating the supply of steam to	J. Delassue	829,060	Aug. 21	2748	577	123	2418
Gas-producers. Feeding mechanism for	L. C. Parker	836,888	Nov. 27	3970	848	125	1117
Gas-producers. Fluid-sealing device for	G. M. S. Tait	809,339	Jan. 9	1468	297	120	358
Gas-producers. Governor for suction	E. Sandner	809,848	Jan. 9	2471	514	120	576
Gas-producers. Grate for	R. Hilprecht	830,591	Sept. 11	1412	292	124	378
Gas-producers. Means for maintaining heat in	E. Capitaine	833,673	Oct. 16	3344	711	124	2113
Gas-producers. Operating	B. E. Eldred	813,628	Feb. 27	4217	927	120	2551
Gas-producers. Preventing the formation of clinker in	J. E. Sheaffer	809,021	Jan. 2	786	169	120	173
Gas-producers. Regulating the temperature of combustion in	H. L. Doherty	829,105	Aug. 21	2839	596-7	123	2444
Gas. Producing	J. S. Smith	817,280	Apr. 10	1462	307	121	1740
Gas. Producing	B. E. Eldred	820,485	May 15	2966	641	122	781
Gas. Producing	H. Gerdes	827,862	Aug. 7	340	72	123	1755
Gas. Producing	J. S. Smith	833,182	Oct. 16	2346	491	124	1870
Gas. Producing	A. Lang and H. F. Smith	833,400	Oct. 16	2802	593-4	124	1986
Gas producing and consuming apparatus	C. Ellis	816,973	Apr. 3	858	177	121	1548
Gas producing and consuming apparatus	C. Ellis	821,995	May 29	6024	1284	122	1573
Gas producing and consuming apparatus. Power	C. Ellis	812,194	Feb. 13	1379	300	120	1840
Gas-producing apparatus	G. Marconnet	813,726	Feb. 27	4397	970	120	2590
Gas-producing apparatus	C. Ellis	814,279	Mar. 6	543	113	121	117
Gas-producing apparatus	J. S. Smith	817,279	Apr. 10	1457	307	121	1739
Gas-producing apparatus	J. Bueb	822,246	June 5	28	6-7	122	1735
Gas-producing apparatus	W. A. Fourness	829,518	Aug. 28	3741	794-5	123	2712
Gas-producing apparatus	J. S. Smith	833,256	Oct. 16	2502	523	124	1909
Gas-producing apparatus. Hydro-oxygen	A. Lang and H. F. Smith	833,399	Oct. 16	2799	592-3	124	1985
Gas. Producing heating and illuminating	J. S. Smith	833,346	Oct. 16	2686	566	124	1958
Gas. Production of ferrocyanids from	W. Feld	832,466	Oct. 2	903	.....	124	1429
Gas. Purification of hydrochloric-acid	W. Hasenbach	834,977	Nov. 6	193	.....	125	50
Gas-purifier	E. C. Woodworth	809,659	Jan. 9	2129	441	120	498
Gas-purifier	L. P. Lowe	812,218	Feb. 13	1424	310	120	1850
Gas-purifier	F. G. Hobart	814,698	Mar. 13	1417	295	121	369
Gas-purifier	Q. Bent	815,674	Mar. 20	3394	709	121	848
Gas-purifier	L. P. Lowe	817,650	Apr. 10	2175	462	121	1890
Gas-purifier	E. C. Jones and S. T. Wellman	818,891	Apr. 24	4684	1005	121	2543
Gas-purifier	P. E. Hall, Jr	824,786	July 3	198	35-6	123	57
Gas-purifying apparatus	P. Plantinga	810,563	Jan. 23	4010	825	120	997
Gas-purifying apparatus	A. M. Gow	815,812	Mar. 20	3707	781	121	913
Gas-purifying apparatus	A. Elsenhans	820,772	May 15	3515	754	122	903
Gas-purifying apparatus	S. F. Seager	826,691	July 24	4098	850	123	1089
Gas-purifying apparatus	T. Redman	826,747	July 24	4206	873	123	1116

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gas-purifying apparatus.....	M. Drees.....	829,700	Aug. 28	4124	873	123	2804
Gas-purifying apparatus.....	F. Pettit.....	836,826	Nov. 27	3854	821-2	125	1087
Gas-purifying materials. Apparatus for treating.....	J. J. M. Béginneul.....	833,114	Oct. 9	2189	400	124	1782
Gas-purifying materials. Extraction of sulfur from.....	J. J. M. Béginneul.....	833,573	Oct. 16	3166	672	124	2071
Gas-regulating device.....	C. E. Wirth and W. W. Bradley.....	812,627	Feb. 13	2233	486	120	2019
Gas-regulator.....	B. H. Petley.....	810,562	Jan. 23	4008	825	120	996
Gas-regulator.....	G. E. Crookshank.....	824,413	June 26	4327	921	122	2830
Gas-regulator.....	H. C. Grimes.....	825,718	July 10	2163	452	123	574
Gas-regulator for incandescent lights.....	H. Schuppisser.....	823,084	June 12	1726	355	122	2151
Gas-retort-discharging apparatus.....	J. W. Broadhead and F. W. Ordish.....	812,479	Feb. 13	1929	425-6	120	1960
Gas-retort-discharging apparatus.....	E. Chervet.....	834,710	Oct. 30	5641	1197	124	2775
Gas-reversing means.....	A. W. Clausen.....	837,666	Dec. 4	776	177-8	125	1546
Gas-retorts. Stand-pipe and connection for.....	S. J. Fowler.....	808,831	Jan. 2	406	89-90	120	90
Gas-saving appliance.....	S. J. Jeha.....	834,733	Oct. 30	5677	1205	124	2784
Gas-saving device.....	F. W. Playsted.....	818,554	Apr. 24	4013	860	121	2397
Gas shut-off. Automatic.....	C. J. McCormick.....	817,505	Apr. 10	1913	402	121	1836
Gas-supply pipes. Automatic safety-valve for.....	A. W. Jenczewsky.....	824,932	July 3	512	101	123	137
Gas-supply regulating and controlling means.....	W. H. Cain.....	831,262	Sept. 18	2748	579	124	745
Gas-tank.....	P. C. Avery.....	816,059	Mar. 27	4214	893	121	1075
Gas-tubing or the like. Detachable clamp for.....	T. Vogt and M. Hebig.....	817,285	Apr. 10	1470	308	121	1741
Gas-valve.....	J. Sweeney.....	810,443	Jan. 23	3764	775	120	940
Gas-washer.....	L. P. Lowe.....	819,660	May 1	1225	268	122	275
Gas washer and scrubber. Combined.....	L. P. Lowe.....	812,217	Feb. 13	1423	310	120	1850
Gas washing and scrubbing apparatus.....	S. Hersey.....	838,712	Dec. 18	2851	613	125	2148
Gas-washing machine.....	L. P. Lowe.....	817,127	Apr. 3	1136	235	121	1612
Gases and vapors. Condensing or dissolving.....	S. T. Muffly.....	820,813	May 15	3616	772	122	925
Gases. Apparatus for analysis of.....	A. Schlatter and L. Deutsch.....	813,671	Feb. 27	4299	946	120	2569
Gases. Apparatus for analysis of.....	H. J. Westover.....	833,274	Oct. 16	2533	529-30	124	1917
Gases. Apparatus for dehydrating compressed.....	R. P. Pictet.....	809,219	Jan. 2	1188	244	120	262
Gases. Apparatus for effecting chemical action in.....	D. R. Lovejoy.....	829,875	Aug. 28	4491	947-8	123	2895
Gases. Apparatus for effecting chemical action in.....	D. R. Lovejoy.....	829,877	Aug. 28	4494	948	123	2896
Gases. Apparatus for manufacturing and mixing.....	B. Loomis and H. Pettibone.....	833,137	Oct. 9	2236	471	124	1796
Gases. Apparatus for purifying and reheating furnace.....	D. and D. D. Lamond.....	833,467	Oct. 16	2951	627	124	2020
Gases. Appliance for storage vessels for liquid.....	L. von Orth.....	830,248	Sept. 4	705	142	124	178
Gases. Cleansing manufactured.....	L. P. Lowe.....	809,383	Jan. 9	1570	319	120	378
Gases. Effecting chemical action in.....	D. R. Lovejoy.....	829,872	Aug. 28	4480	945	123	2892
Gases. Effecting chemical action in.....	D. R. Lovejoy.....	829,876	Aug. 28	4493	948	123	2896
Gases. Effecting the combination of.....	D. R. Lovejoy.....	829,874	Aug. 28	4488	947	123	2895
Gases from retorts while being charged. Means for carrying off.....	M. Ziegler.....	837,446	Dec. 4	342	80	125	1441
Gases from their mixtures. Apparatus for the separation of.....	R. P. Pictet.....	809,218	Jan. 2	1173	242-3	120	258
Gases in the sulfite process. Recovery of valuable.....	E. Morterud.....	833,936	Oct. 23	3937	836	124	2306
Gases or vapors and the production of high vacuums. Absorbing.....	J. Dewar.....	815,942	Mar. 27	3968	841	121	1021
Gases. Process and apparatus for separating mixed.....	C. Clamond.....	820,283	May 8	2568	557	122	635
Gases. Preparing solutions of.....	H. Howard.....	836,500	Nov. 20	3173	672	125	882
Gases. Purifying burner.....	R. Knietsch.....	822,373	June 5	284	59	122	1787
Gases to high-tension discharges. Apparatus for subjecting.....	D. R. Lovejoy.....	829,873	Aug. 28	4481	946-7	123	2892
Gases to the action of liquids. Apparatus for subjecting.....	W. Feld.....	829,261	Aug. 21	3185	670	123	2529
Gases. Treating and utilizing.....	F. W. C. Schniewind.....	820,525	May 15	3058	659	122	803
Gaseous-fuel burner.....	H. Schneider.....	826,967	July 24	4620	963	123	1219
Gaseous-fuel burner.....	R. J. Miner.....	835,629	Nov. 13	1500	320	125	423
Gaseous mixtures. Testing.....	F. Haber.....	830,225	Sept. 4	658	132	124	166
Gasket.....	V. Tompkins.....	811,000	Jan. 30	4877	1015	120	1220
Gasket.....	G. C. Bruner.....	829,840	Aug. 28	4410	931	123	2876
Gasket.....	O. J. Garlock.....	834,611	Oct. 30	5443	1155	124	2723
Gasket.....	E. A. Wilcox.....	836,950	Nov. 27	4119	879	125	1149
Gasket and its manufacture. Hermetic-closure.....	W. H. Honiss.....	826,104	July 17	2901	603	123	772
Gasket-making machine.....	J. W. Guillott.....	809,256	Jan. 2	1294	263-4	120	285
Gasket-removing tool.....	J. H. Optenberg.....	824,377	Aug. 26	4248	905	122	2814
Gasolene-dispensing can.....	W. H. Robertshaw.....	817,391	Apr. 10	1678	354	121	1787
Gasolene-engine.....	J. Walsh and E. Swanson.....	838,926	Dec. 18	3237	699-700	125	2239
Gasolene-flame projector.....	A. H. Stow.....	825,619	July 10	1928	408	123	512
Gasolene lighting system.....	J. B. Christian.....	811,823	Feb. 6	541	121	120	1600
Gasolene-measuring tank. Safety.....	C. Saunders.....	826,116	July 17	2923	606	123	776
Gasolene-motor.....	L. Petterson.....	820,010	May 8	2008	441	122	510
Gate:							
See Agricultural gate. Race-course starting-gate.....							
Automatic gate. Race-track starting-gate.....							
Baby-gate. Race-track starting-gate.....							
Bridge-gate. Railway-gate.....							
Bridge safety-gate. Railway-gate.....							
Car-platform gate. Railway-gate.....							
Car-platform folding gate. Railway-gate.....							
Collapsible gate. Reservoir-gate.....							
Cyanid-tank gate. Road-gate.....							
Dehorning-gate. Safety-gate.....							
Elevator-gate. Shaft-gate.....							
End-gate. Skimming-gate.....							
Farm-gate. Sliding gate.....							
Fence-gate. Tiltable gate.....							
Flood-gate. Tilting gate.....							
Head-gate. Toy-railway gate.....							
Mine-gate. Water-gate.....							
Mineral-gate. Water head-gate.....							
Outlet-gate. Weight-operated gate.....							
Gate.....	B. H. Martin.....	809,967	Jan. 16	2720	560	120	682
Gate.....	J. J. Willaman.....	811,019	Jan. 30	4912	1024	120	1228
Gate.....	I. R. Burkholder.....	811,371	Jan. 30	5593	1168	120	1374
Gate.....	E. E. Hanken.....	811,558	Feb. 6	37	9	120	1493

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Gate.....	G. W. Thompson.....	812,964	Feb. 20	2892	638	120	2206
Gate.....	W. C. Boyd.....	813,615	Feb. 27	4194	920	120	2547
Gate.....	R. C. Wessels.....	814,103	Mar. 6	201	40	121	44
Gate.....	J. F. Stroud.....	814,746	Mar. 13	1509	319	121	390
Gate.....	F. W. Schaefer.....	816,188	Mar. 27	4478	948	121	1132
Gate.....	G. B. Brace.....	816,843	Apr. 3	585	122	121	1488
Gate.....	A. Legler.....	817,925	Apr. 17	2751	596	121	2075
Gate.....	W. H. Mitchell and J. A. Isaman.....	819,300	May 1	536	114	122	124
Gate.....	C. Beliveau.....	819,332	May 1	609	129	122	140
Gate.....	J. S. Johnson.....	820,201	May 8	2394	520	122	595
Gate.....	J. T. Reese.....	820,256	May 8	2513	544	122	623
Gate.....	E. T. Morris.....	820,516	May 15	3042	654	122	799
Gate.....	L. E. Reames.....	820,735	May 15	3446	738	122	887
Gate.....	M. L. Howarth.....	820,787	May 15	3541	759	122	909
Gate.....	B. W. Peters.....	820,822	May 15	3640	777	122	930
Gate.....	J. Fears.....	821,793	May 29	5648	1203	122	1490
Gate.....	E. M. Hoagland.....	822,368	June 5	277	58	122	1786
Gate.....	C. C. Du Bois.....	822,513	June 5	559	113	122	1849
Gate.....	A. E. Cullem.....	823,037	June 12	1614	334	122	2129
Gate.....	G. R. Rogers.....	823,293	June 12	2163	451-2	122	2249
Gate.....	C. G. Lindsay.....	823,692	June 19	2950	624	122	2478
Gate.....	G. A. Mock and J. Mendenhall.....	824,500	June 26	4501	954-5	122	2869
Gate.....	J. W. Reynolds.....	824,584	June 26	4680	995	122	2908
Gate.....	J. M. Millican.....	824,997	July 3	640	128	123	168
Gate.....	G. F. Pettit.....	825,071	July 3	761	159	123	203
Gate.....	W. M. and O. Brash.....	825,185	July 3	986	207	123	258
Gate.....	J. P. Edwards.....	825,267	July 3	1148	243	123	299
Gate.....	A. Y. Fry.....	825,716	July 10	2161	451	123	573
Gate.....	D. W. Bromley and T. E. West.....	826,305	July 17	3265	675	123	858
Gate.....	R. W. Dean.....	826,489	July 17	3682	762	123	968
Gate.....	A. W. Crigler.....	827,423	July 31	5619	1162	123	1479
Gate.....	P. E. Nelson and G. W. Tribbey.....	827,555	July 31	5938	1231	123	1557
Gate.....	F. A. Guth.....	827,630	July 31	6090	1262-3	123	1599
Gate.....	J. M. Gilbert.....	829,466	Aug. 28	3636	764	123	2687
Gate.....	O. E. Conat.....	830,414	Sept. 4	1039	217	124	257
Gate.....	H. H. May.....	831,453	Sept. 18	3105	657-8	124	835
Gate.....	W. H. Teaby.....	831,487	Sept. 18	3171	671	124	853
Gate.....	O. W. Potts.....	831,569	Sept. 25	3355	705	124	935
Gate.....	W. H. Clay.....	832,009	Sept. 25	4248	888	124	1167
Gate.....	L. Reidel.....	832,275	Oct. 2	523	99	124	1340
Gate.....	A. S. Gist and J. A. McCauley.....	832,313	Oct. 2	598	113	124	1357
Gate.....	P. Schafges.....	832,342	Oct. 2	659	125	124	1370
Gate.....	G. Spilger.....	832,428	Oct. 2	827	159	124	1411
Gate.....	R. Carter.....	832,893	Oct. 9	1772	365	124	1679
Gate.....	C. E. Hawn.....	833,052	Oct. 9	2070	436	124	1751
Gate.....	T. M. Coursey.....	833,203	Oct. 16	2400	503	124	1883
Gate.....	G. D. Baker.....	833,661	Oct. 16	3331	708	124	2109
Gate.....	G. W. Crosby.....	833,732	Oct. 23	3470	741	124	2188
Gate.....	J. E. Eader.....	834,112	Oct. 23	4442	943-4	124	2424
Gate.....	W. P. and W. P. Elliott, Jr.....	835,184	Nov. 6	620	126	125	157
Gate.....	J. A. and W. A. Warner.....	835,208	Nov. 6	664	137	125	169
Gate.....	J. T. Kelly.....	835,760	Nov. 13	1734	369	125	479
Gate.....	A. J. Shrope.....	835,987	Nov. 13	2135	458	125	575
Gate.....	A. E. Becker.....	836,061	Nov. 13	2262	483-4	125	606
Gate.....	J. L. Woolard.....	836,233	Nov. 20	2641	556	125	753
Gate.....	S. Anderson.....	837,025	Nov. 27	4270	908	125	1184
Gate.....	D. Ross.....	839,323	Dec. 25	4056	870	125	2488
Gate and door securer.....	J. W. Beall.....	823,501	June 19	2579	544	122	2398
Gate construction.....	L. F. Hake.....	818,885	Apr. 24	4674	1003	121	2541
Gate construction.....	F. J. Hunt.....	833,216	Oct. 16	2423	507-8	124	1889
Gate-fastener.....	J. Hollonpeter.....	828,740	Aug. 14	2105	445	123	2224
Gate fastener. Wire-fence.....	E. J. Gilbert.....	829,007	Aug. 21	2627	554	123	2385
Gate hoist. Dam.....	W. Moriarty.....	825,000	July 3	645	129	123	169
Gate-locking device. Wire.....	P. E. Bolstad.....	836,800	Nov. 27	3814	812	125	1078
Gate-opener.....	E. T. Hill.....	830,434	Sept. 4	1083	225	124	268
Gate-opener.....	E. T. Morris.....	837,329	Dec. 4	105	28-9	125	1380
Gate-opening device.....	H. M. Lockett.....	824,730	July 3	61	12	123	19
Gates. Clamping-elbow for tubular farm.....	T. Patterson.....	820,436	May 15	2863	623	122	758
Gates. Trip for automatic.....	C. Hocker.....	830,789	Sept. 11	1821	378	124	489
Gates, valves, &c. Fluid-pressure-actuated mechanism for controlling.....	G. A. Cutter.....	832,780	Oct. 9	1538	314-15	124	1622
Gauntlet.....	J. M. Salvé, Jr.....	829,739	Aug. 28	4204	890	123	2824
Gear.....	W. C. Lipe.....	829,926	Aug. 28	4610	970	123	2927
Gear-case.....	B. L. Waters.....	838,598	Dec. 18	2635	568	125	2095
Gear-casing.....	F. H. Lincoln.....	808,995	Jan. 2	744	161	120	164
Gear casing. Differential.....	E. P. Gray.....	828,524	June 19	2636	554	122	2409
Gear-casings. Magnetic metal-collector for.....	G. H. Jones.....	819,436	May 1	813	174	122	183
Gear. Change-speed.....	J. Thannheimer.....	816,401	Mar. 27	4936	1049	121	1230
Gear. Changeable.....	C. E. Lipe and A. T. Brown.....	821,248	May 22	4529	964	122	1187
Gear. Changeable.....	W. R. Fox.....	829,068	Aug. 21	2761	580-1	123	2421
Gear. Clutch and transmission.....	J. W. Walters.....	827,702	June 5	954	195	122	1940
Gear. Compensating.....	E. J. Gould.....	834,902	Nov. 6	56	11	125	5
Gear-cutter.....	J. Voss.....	836,545	Nov. 20	3265	695	125	904
Gear-cutting machine.....	E. J. Flather.....	825,311	July 10	1242	261-3	123	342
Gear. Draft.....	J. E. Cardwell.....	819,266	May 1	492	97	122	107
Gear. Firing.....	S. A. S. Hammar.....	827,725	Aug. 7	59	12	123	1684
Gear for feeder-aprons. Changeable-speed.....	W. T. S. Guchess.....	810,642	Jan. 23	4163	860	120	1030
Gear for skips, cages, and the like. Safety.....	J. W. Campbell.....	817,623	Apr. 10	2125	450-1	121	1879
Gear. Friction draft.....	G. I. King.....	826,171	July 17	3015	626	123	799
Gear. Friction draft.....	G. I. King.....	827,804	Aug. 7	234	47	123	1729
Gear mechanism. Engine valve.....	W. W. Guest.....	827,234	July 31	5210	1082-3	123	1382
Gear. Power-transmission.....	C. E. Steere.....	826,449	July 17	3541	737	123	927
Gear. Reversible driving.....	L. T. Gibbs.....	828,648	Aug. 14	1919	403	123	2177
Gear. Reversible power-transmission.....	O. O. Furr.....	819,213	May 1	358	76-7	122	86
Gear. Reversing.....	H. A. Tuttle.....	812,533	Feb. 13	2043	448	120	1984
Gear. Reversing.....	T. H. Butler.....	815,331	Mar. 20	2715	566	121	697

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gear. Reversing.....	C. H. Swartz.....	817,817	Apr. 17	2519	539	121	2021
Gear. Reversing.....	A. S. Reed.....	827,564	July 31	5952	1234	123	1561
Gear. Reversing.....	F. E. Fairman.....	829,958	Sept. 4	49	9	124	12
Gear. Reversing and speed-changing transmission.....	J. Redding.....	833,802	Oct. 23	3617	773	124	2223
Gear. Slide.....	H. H. Bufum.....	818,662	Apr. 24	4237	911	121	2447
Gear. Speed-changing.....	W. L. Clouse.....	826,477	July 17	3605	751	123	942
Gear. Starting, stopping, speed-controlling, and reversing.....	H. S. Hele-Shaw.....	814,133	Mar. 6	262	52	121	58
Gear. Transmission.....	W. Folberth.....	817,908	Apr. 17	2717	590	121	2066
Gear. Transmission.....	A. T. Brown.....	819,334	May 1	612	129-30	122	141
Gear. Transmission.....	W. H. Holloper.....	822,453	June 5	424	87	122	1817
Gear. Transmission.....	W. L. Buck.....	826,309	July 17	3274	677	123	860
Gear. Transmission.....	A. F. Mack.....	826,793	July 24	4287	891	123	1137
Gear. Transmission.....	J. Chalmers.....	831,416	Sept. 18	3029	644	124	816
Gear. Transmission.....	O. W. Davis. (Reissue).....	12,544	Oct. 23	4703	996	121	2491
Gear. Variable-speed.....	E. A. Hofer.....	809,372	Jan. 9	1537	312	120	372
Gear. Variable-speed.....	M. C. Talcott.....	809,406	Jan. 9	1626	351	120	390
Gear. Variable-speed.....	P. W. Kane.....	810,058	Jan. 16	2934	611	120	730
Gear. Variable-speed.....	C. F. G. Low.....	814,060	Mar. 6	121	23	121	27
Gear. Variable-speed.....	W. Baines.....	819,118	May 1	172	35	122	45
Gear. Variable-speed.....	R. W. Wilson and F. G. D. Johnston.....	823,658	June 19	2892	612	122	2467
Gear. Variable-speed.....	C. Schöppner and A. A. R. Berger.....	829,435	Aug. 28	3538	741	123	2662
Gear. Variable-speed.....	W. E. Marx.....	830,159	Sept. 4	516	104-5	124	130
Gear. Variable-speed.....	J. Archer.....	832,442	Oct. 2	852	164	124	1418
Gear. Variable-speed.....	W. E. Robinson.....	839,512	Dec. 25	4435	946	125	2580
Gear. Variable-speed and brake.....	G. F. Sturgess.....	832,706	Oct. 9	1386	280	124	1586
Gear. Variable-speed and reversing.....	H. W. Leonard.....	827,451	July 31	5675	1176-7	123	1493
Gear. Variable-speed and reversing.....	F. Markgraf.....	827,742	Aug. 7	94	20-1	123	1693
Gear-wheel-cutting machine.....	F. M. Stambaugh.....	811,336	Jan. 30	5530	1153-4	120	1360
Gear-wheel. Sectional.....	F. Gayer.....	825,900	July 17	2497	519	123	666
Gear-wheel. Segmental.....	E. L. Troup.....	826,129	July 17	2941	611	123	780
Gear-wheel tooth. Detachable.....	F. L. Morse.....	824,132	June 26	3759	803	122	2711
Gear-wheel. Yieldable.....	J. A. Brown.....	830,641	Sept. 11	1522	314	124	409
Gear-wheels. Means for mounting.....	L. Krieger.....	826,944	July 24	4579	953	123	1209
Gears. Making composite.....	H. B. Atha.....	814,342	Mar. 6	702	141	121	154
Gears to shafts. Means for attaching.....	H. A. Knoener.....	827,023	July 24	4727	986	123	1243
Gearing.....	C. R. Gabriel.....	809,915	Jan. 9	2603	536	120	606
Gearing.....	H. F. James.....	811,147	Jan. 30	5157	1078	120	1278
Gearing.....	F. M. Stambaugh.....	811,751	Feb. 6	401	87	120	1574
Gearing.....	B. Tropp.....	812,903	Feb. 20	2761	607	120	2177
Gearing.....	E. Wighton.....	813,189	Feb. 20	3333	733	120	2302
Gearing.....	S. Graves.....	817,239	Apr. 10	1373	289	121	1723
Gearing.....	H. Baerback.....	820,377	May 8	2732	595	122	671
Gearing.....	A. Harrold.....	822,449	June 5	417	85	122	1815
Gearing.....	J. P. Barnes.....	823,201	June 12	1972	411	122	2208
Gearing.....	A. Damians y Rovira.....	823,462	June 12	2469	522	122	2313
Gearing.....	J. Wilkinson.....	825,438	July 10	1538	318-19	123	419
Gearing.....	E. Haynes.....	826,850	July 24	4402	916-17	123	1165
Gearing.....	C. W. Van Vliet.....	830,865	Sept. 11	1959	411	124	525
Gearing.....	J. K. Koons.....	831,879	Sept. 25	4014	835-6	124	1108
Gearing.....	R. Willetts.....	832,439	Oct. 2	846	163	124	1416
Gearing.....	E. Robert.....	833,088	Oct. 9	2135	449	124	1769
Gearing.....	W. D. Rundlett.....	833,848	Oct. 23	3740	795	124	2256
Gearing.....	C. C. Riotte.....	837,125	Nov. 27	4473	949	125	1236
Gearing.....	C. P. Sestor.....	839,786	Dec. 25	4992	1066	125	2716
Gearing. Change.....	C. H. A. Dissinger.....	808,732	Jan. 2	225	47-8	120	52
Gearing. Change-speed.....	H. R. Stacks.....	813,461	Feb. 27	3885	851	120	2477
Gearing. Change-speed.....	E. Soller and F. Hottinger.....	815,386	Mar. 20	2846	591	121	726
Gearing. Change-speed.....	W. B. Pearson and C. E. Roberts.....	827,175	July 31	5111	1063	123	1357
Gearing. Changeable-speed.....	E. M. Burr.....	813,770	Feb. 27	4477	988-9	120	2607
Gearing device. Automatic.....	J. Shoecraft.....	816,259	Mar. 27	4607	979	121	1161
Gearing. Differential.....	E. P. Gray.....	827,095	July 31	4910	1024	123	1303
Gearing for bundling-presses.....	J. Murray.....	811,164	Jan. 30	5196	1085	120	1287
Gearing for extractors. Belt.....	J. T. Truitt.....	812,703	Feb. 13	2372	519	120	2046
Gearing for machine-tools.....	W. Runge.....	831,379	Sept. 18	2971	631-2	124	800
Gearing. Hand and power controlled.....	B. M. W. Hanson.....	825,647	July 10	2017	422	123	538
Gearing. Machine for cutting toothed.....	G. Nardin.....	831,234	Sept. 18	2682	564	124	727
Gearing. Pawl-and-ratchet.....	C. Dorn.....	832,658	Oct. 9	1295	260	124	1565
Gearing. Power-drill.....	J. R. Pearce.....	832,077	Oct. 2	93	21	124	1234
Gearing. Power-transmission.....	H. O. Fletcher.....	826,022	July 17	2731	566	123	730
Gearing. Speed.....	F. W. Schroeder.....	823,369	June 12	2301	481	122	2277
Gearing. Speed changing and transmission.....	I. H. Pleukharp.....	824,811	July 3	264	47	123	73
Gearing. Transmission.....	M. C. Talcott.....	809,540	Jan. 9	1882	391	120	447
Gearing. Transmission.....	E. Huber.....	812,345	Feb. 13	1677	369	120	1908
Gearing. Transmission.....	T. Stafford.....	830,460	Sept. 4	1129	237	124	279
Gearing. Variable-speed.....	W. T. Sears.....	812,886	Feb. 20	2729	600	120	2170
Gearing. Variable-speed.....	J. Anderson.....	814,502	Mar. 6	1006	207	121	219
Gearing. Variable-speed friction.....	E. P. Cowles.....	818,747	Apr. 24	4416	944-5	121	2487
Gelatin and glue from bones. Manufacture of.....	H. Hilbert.....	834,806	Oct. 30	5843	.....	124	2824
Gem-setting.....	A. Pollard.....	816,997	Apr. 3	905	187	121	1559
Generator.....							
See Acetylene-generator.....	Hydrocarbon-generator.....						
Current-generator.....	tor.....						
Electric generator.....	Induction-generator.....						
Electrical generator.....	Oil-generator.....						
Fluid-pressure generator.....	Ozone-generator.....						
ator.....	Power-generator.....						
Formaldehyde-generator.....	Steam-generator.....						
tor.....	Steam and gas generator.....						
Gas-generator.....	tor.....						
Hot-air generator.....	Vapor-generator.....						
Generator and superheater.....							
Generator-controlling device.....	S. Z. de Ferranti.....	828,202	Aug. 7	1004	209	123	1916
Generators. Air-feeding device for steam.....	J. Struthers.....	815,129	Mar. 13	2267	474	121	550
Generators. Means for controlling self-exciting.....	C. D. Mosher.....	828,498	Aug. 14	1626	344	123	2101
	E. F. W. Alexanderson.....	829,133	Aug. 21	2914	612	123	2462

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gill-box.....	W. A. Lee, Jr.....	813,654	Feb. 27	4266	938	120	2562
Gin.....	M. Reynolds.....	823,439	June 12	2427	511	122	2304
Gin-cleaning device. Cotton.....	F. H. Taylor.....	839,674	Dec. 25	4763	1018	125	2659
Gin-feed governor.....	T. A. Andrews.....	826,463	July 17	3571	744	123	934
Gin-rib.....	F. D. Allgood.....	827,597	July 31	6009	1250	123	1574
Gin-roll board and feeder.....	W. P. Weld.....	834,176	Oct. 23	4576	971	124	2461
Gin-saw cleaner.....	R. L. Henderson.....	838,857	Dec. 18	3127	674	125	2216
Gin-saw cleaner. Cotton.....	J. N. Wiggs.....	821,446	May 22	4955	1053	122	1281
Gin-saw-filing machine.....	A. A. Wood.....	831,203	Sept. 18	2626	552	124	713
Gins. Roller for roller.....	T. H. Pearse.....	825,344	July 10	1309	275	123	359
Ginning or burring machine.....	W. Youtlen.....	817,607	Apr. 10	2098	443-4	121	1873
Girder-cutting apparatus.....	H. John.....	823,871	June 19	3280	695-6	122	2551
Girder. Rolled.....	A. Vietor and C. Husham.....	831,755	Sept. 25	3738	782	124	1059
Girdle. Rolled.....	G. A. Lackey.....	822,283	June 5	114	23	122	1753
Glass:							
<i>See</i> Gage-glass.....	Opera-glass.....						
Medicine-glass.....	Prism-glass.....						
Glass and for feeding them to furnaces. Device for mixing ingredients for making.....	H. M. Brookfield.....	826,139	July 17	2956	614	123	783
Glass and other like articles. Manufacture of cylinders for window.....	G. H. Nevergold.....	829,991	Sept. 4	152	26	124	38
Glass. Apparatus and process for manufacturing wire.....	E. C. Schmertz. (Reissue).....	12,443	Jan. 30	5890	1235	120	1435
Glass. Apparatus for drawing continuous sheets of.....	E. Fourcault.....	837,821	Dec. 4	1072	239	125	1619
Glass. Apparatus for drawing sheet.....	I. W. Colburn and E. Washburn.....	823,581	June 19	2738	580	122	2430
Glass. Apparatus for shaping.....	F. L. O. Wadsworth.....	827,679	July 31	6205	1290	123	1629
Glass. Apparatus for the manufacture of continuous sheets of.....	E. Fourcault.....	837,212	Nov. 27	4630	984	125	1275
Glass. Apparatus for the manufacture of continuous sheets of.....	E. Fourcault.....	837,265	Nov. 27	4738	1003-4	125	1301
Glass. Apparatus for the manufacture of sheet.....	W. B. Keighley.....	820,205	May 8	2402	522	122	597
Glass. Apparatus for the manufacture of sheet.....	H. K. Hitchcock.....	832,860	Oct. 9	1709	352-3	124	1664
Glass article.....	J. Paul and A. G. Neville.....	815,033	Mar. 13	2075	435	121	507
Glass-article-molding apparatus.....	F. J. Mackin.....	817,576	Apr. 10	2045	430-1	121	1862
Glass articles. Apparatus for forming hollow.....	J. O. Johnson.....	828,318	Aug. 14	1268	268-9	123	2010
Glass articles. Apparatus for manufacturing.....	J. H. Croskey.....	817,835	Apr. 17	2555	548-9	121	2030
Glass articles. Apparatus for manufacturing.....	J. H. Croskey.....	817,836	Apr. 17	2558	549	121	2030
Glass articles. Apparatus for manufacturing.....	J. H. Croskey.....	820,477	May 15	2946	637-8	122	777
Glass articles. Apparatus for manufacturing.....	J. H. Croskey.....	820,478	May 15	2948	638	122	778
Glass articles. Apparatus for manufacturing.....	J. H. Croskey.....	820,479	May 15	2950	639	122	779
Glass articles. Apparatus for manufacturing.....	C. Kuhlewind.....	829,530	Aug. 28	3773	801	123	2720
Glass articles. Apparatus for making.....	J. J. Power.....	836,991	Nov. 27	4204	894	125	1170
Glass articles. Drawing hollow.....	S. L. Bodine.....	832,835	Oct. 9	1653	340	124	1649
Glass articles. Machine for blowing hollow.....	C. J. Nolan.....	822,220	May 29	6434	1370-1	122	1672
Glass articles. Machine for forming.....	P. T. Sievert.....	832,561	Oct. 2	1077	216	124	1472
Glass articles. Machine for making.....	A. Raspillaire.....	839,421	Dec. 25	4245	908-9	125	2535
Glass articles. Machine for making hollow.....	W. E. Bock.....	833,295	Oct. 16	2587	540-1	124	1932
Glass articles. Machine for making necked.....	H. Semple.....	808,874	Jan. 2	478	105-6	120	106
Glass articles. Press for making.....	H. M. Brookfield.....	810,031	Jan. 16	2857	590-1	120	711
Glass articles. Process and machine for forming.....	P. T. Sievert.....	823,161	July 3	939	199	123	247
Glass articles. Process of and apparatus for blowing hollow.....	P. T. Sievert.....	825,160	July 3	935	198-9	123	246
Glass assembled. Clamp for holding plates of.....	H. Mahn.....	820,225	May 8	2436	528	122	606
Glass-bending apparatus.....	S. C. Borland and P. Vanderwulp.....	833,436	Oct. 16	2876	610-11	124	2004
Glass-blower's dummy.....	P. J. O'Brien.....	818,705	Apr. 24	4324	927	121	2466
Glass-blowing apparatus.....	F. S. Lewis.....	834,012	Oct. 23	4223	895-6	124	2371
Glass-blowing machine.....	N. W. Hartman.....	813,289	Feb. 20	3525	777-8	120	2342
Glass-blowing machine.....	A. L. Bingham.....	817,745	Apr. 17	2351	505-7	121	1986
Glass-blowing machine.....	G. E. Schmitt.....	825,423	July 10	1507	312	123	410
Glass-blowing machine.....	F. M. Hill, Jr.....	829,210	Aug. 21	3079	647-8	123	2504
Glass-blowing-machine speed-controlling device.....	H. F. Hitner.....	822,452	June 5	422	86-7	122	1816
Glass-blowing machinery.....	A. J. Shaw.....	825,082	July 3	785	164	123	211
Glass bottles and the like. Apparatus for making.....	A. Philippoteaux.....	815,037	Mar. 13	2083	436-8	121	510
Glass bottles and the like. Machine for the manufacture of.....	W. J. Demming.....	814,191	Mar. 6	365	75	121	79
Glass-casting apparatus.....	J. R. Speer and H. A. Otto.....	813,675	Feb. 27	4305	947-8	120	2571
Glass-cutting board.....	E. W. Chadwick.....	811,201	Jan. 30	5272	1103	120	1304
Glass-cylinder-drawing machine.....	J. George, C. M. Shortle, and B. C. White.....	835,061	Nov. 6	377	77-8	125	100
Glass cylinders. Apparatus for the manufacture of.....	J. Forster.....	821,478	May 22	5015	1066-7	122	1293
Glass cylinders. Device for capping off.....	H. F. Hitner.....	821,361	May 22	4774	1015	122	1242
Glass cylinders. Drawing.....	J. H. Lubbers.....	822,678	June 5	898	184	122	1927
Glass drawing and shaping machine.....	A. Raspillaire.....	834,165	Oct. 23	4553	966-7	124	2455
Glass-drawing apparatus.....	J. A. Chambers.....	810,035	Jan. 16	2872	593	120	714
Glass-drawing apparatus.....	J. R. Speer and G. H. Harvey.....	813,248	Feb. 20	3443	758-9	120	2325
Glass-drawing apparatus.....	J. R. Speer and G. H. Harvey.....	824,750	July 3	98	19	123	29
Glass-drawing machine.....	G. H. Harvey.....	813,290	Feb. 20	3530	778	120	2343
Glass-drawing machine.....	G. H. Harvey.....	813,291	Feb. 20	3531	778	120	2343
Glass. Drawing sheet.....	J. H. Lubbers.....	822,212	May 29	6438	1367	122	1669
Glass. Feeding.....	H. L. Dixon and G. A. Marsh.....	814,773	Mar. 13	1561	330-1	121	401
Glass-flattening apparatus.....	J. Craig and R. E. Rowan.....	810,723	Jan. 23	4303	894	120	1062
Glass forming apparatus. Sheet and plate.....	H. J. Hays.....	813,794	Feb. 27	4527	1000	120	2618
Glass-forming machine. Sheet.....	J. L. Maloney.....	839,168	Dec. 25	3745	808-9	125	2412
Glass from quartz-sand, &c. Manufacture of quartz.....	J. Bredel.....	816,707	Apr. 3	318	.....	121	1430
Glass-furnace.....	W. M. Anderson.....	808,804	Jan. 2	362	78	120	80
Glass-furnace.....	H. M. Brookfield.....	808,810	Jan. 2	371	80	120	82
Glass-furnace.....	S. O. Richardson, Jr.....	809,925	Jan. 9	2624	542	120	610
Glass-furnace.....	D. J. Christ.....	828,283	Aug. 7	1188	247-8	123	1963
Glass-furnaces. Batch drying, heating, and feeding apparatus for.....	C. L. Betz.....	823,757	June 19	3062	649	122	2500
Glass gathering and delivering mechanism.....	C. E. Blue.....	832,118	Oct. 2	190	38-9	124	1260
Glass-gathering machine.....	R. D. Brown.....	838,768	Dec. 18	2953	636-7	125	2171
Glass-grinding machine.....	C. L. Goehring and W. Troche.....	825,454	July 10	1568	324-5	123	428
Glass grinding, smoothing, and polishing apparatus. Plate.....	E. Bagnall.....	822,096	May 29	6210	1324-5	122	1616
Glass-holder.....	J. F. Conlin.....	829,950	Sept. 4	19	5	124	6

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drawg.	Vol.	Page.
Glass houses. Flattening-wheel for.....	S. F. Field.....	825,310	July 10	1241	261	123	342
Glass insulators. Machine for making.....	W. B. Jones and C. E. Blue.....	837,409	Dec. 4	262	65	125	1422
Glass insulators or other glass articles. Making.....	H. M. Brookfield.....	836,298	Nov. 20	2786	591-2	125	792
Glass insulators or other similar glass articles. Apparatus for making.....	H. M. Brookfield.....	836,297	Nov. 20	2780	590-1	125	790
Glass insulators or similar articles. Making.....	H. M. Brookfield and W. D. Stivers.....	835,235	Nov. 6	717	148-9	125	182
Glass insulators or similar glass articles. Press for making.....	S. Kribs.....	835,245	Nov. 6	741	154-6	125	188
Glass-joint fastener.....	W. E. Beyer.....	814,637	Mar. 6	1265	266	121	274
Glass. Lifting-clamp for plate.....	L. F. Dettendorff.....	836,740	Nov. 27	3698	789	125	1046
Glass. Machine for automatically segregating, measuring, and delivering molten.....	W. D. Morrison.....	810,167	Jan. 16	3131	648	120	768
Glass. Machine for the manufacture of sheet.....	J. T. Hamilton.....	822,446	June 5	413	84-5	122	1814
Glass machine. Wire.....	N. Franzen.....	822,357	June 5	257	54	122	1782
Glass machine. Wire.....	R. W. Davies.....	827,427	July 31	5627	1164	123	1482
Glass machine. Wire.....	R. W. Davies.....	827,686	July 31	6228	1293	123	1636
Glass-making apparatus. Wire.....	J. Heidenkamp.....	812,994	Feb. 20	2942	648	120	2216
Glass-making apparatus. Wire.....	W. Buttler.....	814,515	Mar. 6	1034	214	121	225
Glass-making machine. Wire.....	N. Franzen.....	839,575	Dec. 25	4555	971	125	2609
Glass-making machine. Wire.....	R. A. B. Walsh.....	810,446	Jan. 23	3769	776	120	942
Glass-making machine. Wire.....	R. A. B. Walsh.....	810,447	Jan. 23	3770	777	120	942
Glass. Making prism.....	F. L. O. Wadsworth.....	827,484	July 31	5792	1202	123	1522
Glass. Manufacture of.....	J. R. Speer and G. H. Harvey.....	812,894	Feb. 20	2741	603	120	2172
Glass. Manufacture of.....	F. L. O. Wadsworth.....	814,631	Mar. 6	1255	264	121	272
Glass. Manufacture of articles from quartz.....	J. Bredel.....	816,708	Apr. 3	318	.....	121	1431
Glass. Manufacture of sheet or plate.....	W. T. Nicholls.....	814,471	Mar. 6	954	196	121	208
Glass. Manufacture of silica.....	J. F. Bottomley, R. S. Hutton, and A. Paget.....	812,399	Feb. 13	1790	391-2	120	1931
Glass. Manufacturing.....	J. R. Speer.....	813,247	Feb. 20	3441	758	120	2323
Glass. Manufacturing.....	J. R. Speer and G. H. Harvey.....	828,147	Aug. 7	904	.....	123	1893
Glass-manufacturing apparatus.....	M. Myers.....	810,375	Jan. 16	3583	737	120	866
Glass-manufacturing apparatus.....	J. R. Speer and G. H. Harvey.....	839,220	Dec. 25	3856	829-30	125	2438
Glass. Manufacturing window.....	L. Appert.....	809,418	Jan. 9	1653	339-40	120	396
Glass mast.....	W. Schütz.....	834,999	Nov. 6	240	52	125	63
Glass-melting furnace.....	W. O. Amsler.....	836,731	Nov. 27	3679	785	125	1041
Glass-melting pot.....	H. C. Fry.....	829,200	Aug. 21	3060	641	123	2499
Glass. Method of and machine for forming wire.....	N. Franzen.....	825,112	June 12	1780	367	122	2163
Glass. Method of and machine for making wire.....	N. Franzen.....	835,511	Nov. 13	1267	272	125	364
Glass. Method of and machine for making wire.....	N. Franzen.....	839,573	Dec. 25	4551	970-1	125	2608
Glass. Method of and machine for making wire.....	N. Franzen.....	839,574	Dec. 25	4553	971	125	2608
Glass-mold.....	A. G. Neville.....	825,977	July 17	2638	548	123	706
Glass-mold.....	W. Keenan.....	828,483	Aug. 14	1602	338	123	2095
Glass-mold.....	C. G. Drew.....	830,057	Sept. 4	294	59-60	124	72
Glass mold. Paste.....	W. Keenan and B. C. Gilligan.....	828,484	Aug. 14	1603	338-9	123	2096
Glass. Molding.....	H. M. Brookfield.....	835,393	Nov. 6	1042	223	125	264
Glass-molding apparatus.....	M. Myers.....	809,969	Jan. 16	2723	566-1	120	683
Glass-molding machine.....	C. W. Sagee.....	810,570	Jan. 23	4024	828-9	120	1000
Glass-molding machine.....	H. A. Dwyer.....	824,070	June 19	3655	778-9	122	2630
Glass or metal. Machine for dropping powdered fusible material upon hot.....	W. B. Norton.....	831,978	Sept. 25	4199	876	124	1154
Glass or metal. Ornamenting hot.....	W. B. Norton.....	839,187	Dec. 25	3782	817	125	2422
Glass ornaments. Making.....	J. True.....	813,123	Feb. 20	3209	701	120	2277
Glass-perforating machine.....	S. E. Doane.....	810,474	Jan. 23	3832	787	120	958
Glass-plate-grinding tool.....	E. Franz.....	809,499	Jan. 9	1812	373	120	433
Glass plates. Manufacture of.....	B. C. White.....	835,148	Nov. 6	554	112-13	125	141
Glass plates. Polishing.....	W. Buttler.....	839,724	Dec. 25	4568	1040-1	125	2685
Glass-pot furnace and pot and making the same.....	W. T. Nicholls.....	820,124	May 8	2249	489	122	564
Glass-pot-handling apparatus.....	W. M. Dravo and W. H. Frink.....	834,894	Nov. 6	36	7	125	12
Glass-press.....	W. I. Permar.....	811,320	Jan. 30	5499	1146-7	120	1354
Glass-press.....	H. B. Koehler and C. L. Betz.....	815,180	Mar. 13	2379	496	121	576
Glass-press.....	E. J. Hayes.....	835,613	Nov. 13	1469	314	125	414
Glass-pressing apparatus.....	L. N. Loveland.....	838,875	Dec. 18	3150	679	125	2220
Glass. Prism.....	F. L. O. Wadsworth.....	818,208	Apr. 17	3313	708	121	2196
Glass. Process and apparatus for drawing sheet.....	I. W. Colburn, E. Washburn, and C. W. Irwin.....	821,785	May 29	5628	1199-1200	122	1486
Glass. Process and apparatus for drawing sheet.....	I. W. Colburn and E. Washburn.....	821,786	May 29	5632	1200-1	122	1486
Glass. Process and apparatus for drawing sheet.....	I. W. Colburn.....	836,439	Nov. 20	3068	651-2	125	855
Glass-reheating apparatus.....	P. Ebeling.....	829,196	Aug. 21	3053	639-40	123	2497
Glass-rolling apparatus.....	A. Meyer.....	810,786	Jan. 23	4428	919	120	1088
Glass-rolling machinery.....	E. Beutlestone.....	818,141	Apr. 17	3183	685	121	2167
Glass roof.....	J. Degenhardt.....	825,895	July 17	2487	517	123	664
Glass roofs and glass walls. U-bar for.....	J. Degenhardt.....	838,693	Dec. 18	2825	606	125	2141
Glass-securing device. Plate.....	H. R. Ransom.....	818,850	Apr. 24	4617	990	121	2529
Glass shade. Decorative.....	O. A. Mygatt.....	821,308	May 22	4658	992-3	122	1214
Glass-shearing apparatus.....	H. L. Dixon and G. A. Marsh.....	814,774	Mar. 13	1566	331	121	402
Glass sheets. Apparatus for drawing.....	J. H. Lubbers.....	821,724	May 29	5507	1173-4	122	1457
Glass sheets. Apparatus for the manufacture of.....	F. L. O. Wadsworth.....	818,209	Apr. 17	3314	708-9	121	2196
Glass sheets. Apparatus for the manufacture of.....	F. L. O. Wadsworth.....	818,210	Apr. 17	3316	709	121	2197
Glass sheets. Making.....	J. H. Lubbers.....	814,612	Mar. 6	1218	255-6	121	264
Glass sheets. Manufacture of.....	B. C. White.....	831,914	Sept. 25	4083	851	124	1125
Glass sheets. Manufacture of.....	W. L. Clause and H. K. Hitchcock.....	832,842	Oct. 9	1664	343	124	1652
Glass. Supplying-float for drawing sheets of.....	E. Fourcault.....	837,822	Dec. 4	1074	240	125	1620
Glass surfaces and the like. Decorating.....	W. Wachter.....	829,131	Aug. 21	2908	611	123	2460
Glass-tank furnace.....	J. Proeger.....	811,952	Feb. 6	842	185-6	120	1660
Glass-tanks. Refractory wall for.....	L. J. Houze.....	811,223	Jan. 30	5315	1111	120	1314
Glass tiles. Manufacture of.....	W. T. Nicholls.....	838,889	Dec. 18	3171	683	125	2225
Glass-tube coupling.....	L. P. Lowe.....	822,530	June 5	588	118	122	1856
Glass washer and scourer.....	A. W. Beerbower.....	832,448	Oct. 2	865	167	124	1421
Glass. Wired.....	R. A. B. Walsh.....	831,640	Sept. 25	3510	736	124	977
Glass-working furnace.....	I. A. Milliron.....	812,065	Feb. 6	1063	231-2	120	1705
Glass-working machine.....	J. North.....	810,218	Jan. 16	3247	673	120	792
Glassware. Apparatus for fire finishing and polishing.....	C. L. Dorer.....	834,275	Oct. 30	4796	1014	124	2560
Glassware. Apparatus for making air-hole.....	F. H. Blackburn.....	810,462	Jan. 23	3810	783	120	952
Glassware. Apparatus for making air-hole.....	F. H. Blackburn.....	810,465	Jan. 23	3816	784	120	954

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Glassware-drilling machine.	J. G. Martin.	828,894	Aug. 21	2413			
Glassware. Fire-finishing articles of.	J. F. Torrence.	826,701	July 24	4125	513-14	123	2332
Glassware. Machine for glazing air-hole.	F. H. Blackburn.	810,461	Jan. 23	3808	856	123	1096
Glassware. Machine for making air-hole.	F. H. Blackburn.	810,460	Jan. 23	3806	782	120	951
Glassware. Machine for making air-hole.	F. H. Blackburn.	810,464	Jan. 23	3815	784	120	953
Glassware. Machine for the manufacture of.	C. E. Blue.	809,902	Jan. 9	2565	531	120	597
Glassware. Machine for the manufacture of pressed and blown.	C. E. Blue.	828,180	Aug. 7	972	201	123	1909
Glassware. Making air-hole.	F. H. Blackburn.	810,463	Jan. 23	3814	783	120	953
Glassware. Making air-hole.	W. Keenan.	828,485	Aug. 14	1607	339	123	2097
Glassware. Making light-edged pressed.	F. Woodruff.	839,054	Dec. 18	3472	749	125	2299
Glassware-manufacturing apparatus.	T. J. McElherron.	822,623	June 5	793	161	122	1902
Glassware. Method of and apparatus for the manufacture of hollow articles of.	D. C. Ripley.	832,212	Oct. 2	400	74	124	1309
Glazier's point.	R. J. Henderson.	820,192	May 8	2383	517	122	593
Glazier's point.	B. Krampf.	832,797	Oct. 9	1576	324	124	1631
Glaziers. Sash-supporting platform for.	F. J. Peters.	809,321	Jan. 9	1434	290	120	350
Glazier's tool.	B. A. Brown.	820,092	May 8	2195	478	122	552
Glazing device.	F. W. Mellowes.	816,807	Apr. 3	504	110	121	1469
Glazing or rolling machine.	B. and G. McKeen.	817,507	Apr. 10	1915	403	121	1836
Globe. Celestial.	F. Malina.	830,091	Sept. 4	366	74	124	89
Globe-supporting device.	J. P. Litsey.	818,103	Apr. 17	3088	666	121	2146
Globes. Protector for incandescent.	C. Schmidt, F. Wunderlich, and J. A. Thibodeau.	831,383	Sept. 18	2981	633	124	804
Glove.	R. N. Carson.	823,204	June 12	1976	412	122	2208
Glove.	A. and A. Bloc.	825,510	July 10	1705	358	123	458
Glove.	I. J. Bradshaw and B. B. Downard.	838,518	Dec. 18	2483	539	125	2057
Glove. Base-ball.	E. H. Decker.	812,921	Feb. 20	2791	614	120	2183
Glove. Base-ball.	J. H. Cassaway.	839,063	Dec. 18	3489	754	125	2302
Glove-fastener.	F. R. White.	821,008	May 22	4072	866	122	1086
Glove or mitt. Base-ball.	R. F. Le Mat.	820,120	May 8	2242	488	122	563
Glove or mitt. Catcher's.	W. T. Stall.	832,430	Oct. 2	829	160	124	1412
Glove. Spraying.	J. Cray.	836,181	Nov. 20	2536	533	125	727
Glove-tipping machine.	W. N. Marsden.	828,947	Aug. 21	2514	533	123	2359
Gloves. Gauntlet-wrist for.	R. Evans.	837,816	Dec. 4	1064	237	125	1617
Gloves. Manufacture of impregnated.	C. Weibler.	825,435	July 10	1535	123	418	
Gloves. Trank for finger-tipped.	J. J. Weakley.	836,476	Nov. 20	3129	664	125	870
Glue and gelatin from bones. Manufacturing.	H. Hilbert.	833,053	Oct. 9	2072	124	1752	
Glue-applying mechanism.	J. P. Wright.	813,993	Feb. 27	4929	1090	120	2702
Glue or sizing.	M. R. Isaacs.	838,785	Dec. 18	2992	125	2181	
Glue-press.	G. F. Steger.	828,069	Aug. 7	765	158	123	1860
Gluing-machine.	P. Kosboth.	834,066	Oct. 23	4334	921	124	2398
Gluing-machine.	H. F. Odenkirchen and W. G. Cowell.	834,588	Oct. 30	5384	1142	124	2708
Gluing machine. Veneer.	A. A. Dennis.	838,089	Dec. 11	1629	351	125	1804
Glycerin nitrates. Manufacture of.	A. Mikolaiczak.	830,909	Sept. 11	2037	124	543	
Go-cart.	L. P. Halladay.	822,944	June 12	1415	296	122	2083
Go-cart.	F. F. Timmerhoff.	839,230	Dec. 25	3872	833	125	2442
Go-cart.	J. F. McNeill.	839,624	Dec. 25	4647	991	125	2632
Goggles.	R. B. Meyrowitz.	835,828	Nov. 13	1867	394	125	515
Gold and other valuable metals from water and other liquids. Reclaiming waste.	C. E. Holland.	818,174	Apr. 17	3251	697	121	2183
Gold and silver. Means for precipitating.	J. Snodgrass.	835,329	Nov. 6	908	192-3	125	229
Gold-dredge.	H. J. Clark.	814,019	Mar. 6	28	7	121	8
Gold-dredgers. Separating-cylinder for.	R. H. Postlethwaite.	838,579	Dec. 18	2599	561	125	2086
Gold-extracting apparatus.	J. A. Comer.	833,999	Oct. 23	4184	887	124	2360
Gold-leaf book.	R. Henke, Jr.	820,717	May 15	3411	729	122	878
Gold-saving apparatus.	O. H. Bagley.	812,474	Feb. 13	1916	422-3	120	1957
Gold-saving apparatus.	I. P. Lambing.	818,834	Apr. 24	4587	983	121	2523
Gold-separator.	E. J. Sterling.	809,586	Jan. 9	1975	409-10	120	465
Gold, silver, &c. Extracting.	J. A. Comer.	813,620	Feb. 27	4205	924	120	2549
Gold washer and amalgamator.	J. J. Southwick.	836,148	Nov. 20	2475	520	125	712
Golf-ball.	F. H. Richards.	808,683	Jan. 2	115	27	120	28
Golf-ball.	W. I. Thomas.	809,034	Jan. 2	806	174	120	178
Golf-ball.	W. I. Thomas.	809,035	Jan. 2	807	174	120	178
Golf-club.	C. E. R. Martin.	819,900	May 8	1723	370	122	450
Golf-club.	F. C. Hersey.	826,102	July 17	2897	601	123	770
Golf-club.	W. Robertson.	835,735	Nov. 13	1680	357	125	468
Golf-club.	F. C. Blanchard.	837,030	Nov. 27	4277	910	125	1186
Golf-club.	C. T. Thompson and F. P. Mitchell.	838,284	Dec. 11	2039	439	125	1903
Golf-stick.	F. H. Robertson.	823,082	June 12	1724	354	122	2151
Gong attachment.	J. T. Duff.	808,908	Jan. 2	572	127	120	125
Gong. Electric.	W. F. Word.	824,397	June 26	4285	913	122	2821
Goods. Automatic collecting and hoisting of.	P. W. Sieurin.	817,811	Apr. 17	2509	537	121	2019
Goods-delivering receptacle.	J. H. Russell.	821,541	May 22	5124	1091-2	122	1316
Goods. Device for selling.	H. H. Blish.	832,232	Oct. 2	445	82	124	1321
Goods-handler.	W. R. Calvert.	818,869	Apr. 24	4651	998	121	2537
Goods-receptacle. Paneled.	J. I. McCoy.	809,005	Jan. 2	759	164	120	167
Governing device for gasoline-engines. Automatic.	D. C. McCarrroll.	811,734	Feb. 6	370	81	120	1568
Governing mechanism.	J. G. Callan.	820,912	May 15	3847	820-1	122	974
Governing mechanism. Engine.	W. L. Waters.	823,567	June 19	2713	574	122	2425
Governing mechanism for prime movers.	H. Keller.	822,673	June 5	887	181-2	122	1925
Governing oil-engines. Means for.	D. Roberts and C. James.	832,422	Oct. 2	813	156	124	1408
Governor.	L. J. Watson.	814,579	Mar. 6	1156	241	121	250
Governor.	R. Conrad.	821,157	May 22	4369	929	122	1152
Governor.	A. C. Van Houweiling.	822,495	June 5	516	105	122	1839
Governor.	F. O. Ball.	822,907	June 12	1351	280	122	2070
Governor.	C. A. Bush.	829,908	Aug. 28	4547	959	123	2909
Governor.	A. C. Campbell.	835,396	Nov. 6	1047	224	125	265
Governor.	A. A. Kent.	838,256	Dec. 11	1990	427	125	1892
Governor and safety device for gas-engines. Combined.	E. R. Inman.	833,393	Oct. 16	2790	589	124	1983
Governor. Centrifugal.	O. D. H. Bentley.	825,180	July 3	976	206	123	255
Governor. Electromagnetic.	D. Bacon.	818,513	Apr. 24	3924	844	121	2378
Governor. Emergency.	J. G. Callan and F. R. C. Boyd.	809,772	Jan. 9	2338	484	120	546

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Governor. Engine.....	R. H. Pascall.....	815,114	Mar. 13	2230	468	121	541
Governor. Engine.....	C. N. Walsh and W. N. Rumely.....	818,718	Apr. 24	4349	932	121	2472
Governor. Engine.....	C. Grant.....	821,286	May 22	4608	982-3	122	1203
Governor. Engine.....	P. Mohrdieck.....	824,564	June 26	4633	985	122	2897
Governor. Engine.....	E. Hill.....	827,727	Aug. 7	65	13	123	1687
Governor. Engine.....	G. E. Riblet.....	836,784	Nov. 27	3780	805-6	125	1068
Governor. Explosion-engine.....	J. F. McNutt.....	831,565	Sept. 25	3349	704	124	933
Governor. Explosive-engine.....	H. C. Teel.....	831,576	Sept. 25	3365	707	124	938
Governor for fluid-pressure engines.....	W. H. Larkin, Jr.....	838,725	Dec. 18	2871	618	125	2152
Governor for gasoline-engines.....	G. Cormack, Jr., and F. C. Zumdahl.....	836,096	Nov. 20	2344	495	125	681
Governor for internal-combustion engines.....	F. H. Smith.....	838,754	Dec. 18	2923	630	125	2165
Governor for steam-engines. Emergency.....	O. F. Bruman.....	818,345	Apr. 17	3582	766-7	121	2251
Governor for steam systems and meter therefor.....	J. Morehead.....	816,589	Apr. 3	72	17-18	121	1372
Governor in fly-wheels. Automatic friction.....	T. L. Cummings.....	809,784	Jan. 9	2362	487	120	552
Governor. Marine-engine.....	J. W. Mowbray.....	817,262	Apr. 10	1424	300	121	1732
Governor. Marine-engine.....	W. H. Richardson and F. L. Woods.....	839,644	Dec. 25	4709	1005	125	2645
Governor mechanism.....	H. T. Ballard.....	812,630	Feb. 13	2241	487	120	2021
Governor mechanism. Motor.....	C. Schmittthener.....	814,400	Mar. 6	822	170	121	180
Governor. Pressure.....	R. Conrad.....	810,108	Jan. 16	3015	628	120	748
Governor. Pumping-engine.....	C. P. McMullen.....	810,666	Jan. 23	4201	689	120	1039
Governor. Reversible shaft.....	G. C. Macomber.....	832,990	Oct. 9	1950	408	124	1721
Governor. Speed.....	C. E. Conkling.....	814,433	Mar. 6	888	182	121	193
Governor. Spring-motor.....	W. B. Kirby.....	818,830	Apr. 24	4582	982	121	2522
Governor. Steam-engine.....	W. N. Rumely.....	818,711	Apr. 24	4332	929	121	2468
Governor. Throttling.....	H. C. Clay.....	813,037	Feb. 20	3025	666	120	2234
Governor. Vacuum.....	R. Conrad.....	810,109	Jan. 16	3017	629	120	748
Governors. Driving-gear for.....	F. Reichenbach.....	830,742	Sept. 11	1747	359	124	472
Governors. Oil-brake for speed.....	M. Haebenlein.....	821,359	May 22	4771	1014-15	122	1242
Grab.....	J. A. Thornton.....	812,617	Feb. 13	2213	482	120	2015
Grab.....	G. J. Hone.....	827,635	July 31	6104	1268	123	1602
Grab-hook.....	F. J. Morrison.....	808,860	Jan. 2	454	100	120	101
Grab-hook.....	J. E. Flynn.....	815,085	Mar. 13	2165	457	121	527
Grabot-machine.....	J. D. Brazier and D. O. Sullivan.....	810,707	Jan. 23	4272	886	120	1055
Grade-gage.....	W. Vogel.....	828,986	Aug. 21	2593	547	123	2377
Grader and ditcher. Road.....	C. D. Edwards.....	810,477	Jan. 23	3838	788-9	120	959
Grader and scraper. Land.....	A. P. D'Artenay.....	829,829	Aug. 28	4391	926	123	2872
Grader. Road.....	F. B. Drewes.....	808,820	Jan. 2	391	85	120	87
Grader. Road.....	J. W. Langfitt.....	813,010	Feb. 20	2973	655	120	2223
Grader. Road.....	C. Morsing.....	813,055	Feb. 20	3072	673	120	2247
Grader. Road.....	A. L. Donogh.....	824,236	June 26	3973	851	122	2758
Grader. Road.....	F. W. Dill and J. R. Hill.....	826,548	July 24	3814	790	123	1014
Grader. Road.....	J. W. Langfitt.....	839,069	Dec. 18	3501	757-8	125	2305
Grading and ditching machine.....	S. E. Freeman.....	825,450	July 10	1564	323	123	427
Grading and excavating machine.....	S. H. Bloomer.....	819,843	May 8	1618	344	122	426
Grading implement.....	R. S. Sheldon.....	829,491	Aug. 28	3678	777	123	2696
Grading machine.....	R. H. Garner and K. T. Henley.....	832,474	Oct. 2	914	178	124	1431
Grading machine.....	R. V. Sutherland.....	837,753	Dec. 4	950	215	125	1591
Grading-machine attachment.....	W. E. Leighton.....	821,513	May 22	5076	1081	122	1306
Grading-machine attachment. Road.....	J. E. Ridings.....	829,605	Aug. 28	3925	831	123	2757
Grading-machine. Power-carrying.....	H. A. Clapp.....	834,456	Oct. 30	5136	1090-1	124	2646
Grain and seed cleaners. Blast-regulator for.....	F. J. Prange.....	823,637	June 19	2849	603	122	2457
Grain, &c. Apparatus for purifying.....	D. H. Stulz.....	820,680	May 15	3342	716	122	802
Grain beater and cleaner.....	D. R. Gaskill.....	829,600	Aug. 28	3912	829-30	123	2755
Grain-bin indicating and warning attachment.....	D. H. Houston.....	828,655	Aug. 14	1927	404-5	123	2178
Grain-binder attachment.....	S. W. Berry.....	814,347	Mar. 6	709	143	121	156
Grain-binder knottor mechanism.....	P. Hanson.....	813,698	Feb. 27	4348	957-8	120	2579
Grain-cleaner.....	A. W. Eches.....	818,944	Apr. 24	4787	1029	121	2567
Grain-cleaner.....	C. F. Kime.....	829,404	Aug. 28	3469	730	123	2644
Grain cleaning and separating machine.....	P. Moon.....	815,457	Mar. 20	2982	621	121	758
Grain-cleaning apparatus.....	H. C. Miller.....	812,799	Feb. 13	2551	561	120	2085
Grain-cleaning machinery.....	F. W. Comstock.....	827,213	July 31	5178	1075	123	1375
Grain. Conditioning.....	H. J. Caldwell and J. R. Barr.....	825,378	July 10	1385	291	123	379
Grain-conveyer.....	J. B. Schuman.....	809,470	Jan. 9	1753	362	120	419
Grain-conveyer.....	J. W. Schauer.....	819,676	May 1	1259	274	122	282
Grain-conveyer.....	E. J. Vraalstad.....	827,049	July 24	4785	998-9	123	1258
Grain-conveyer. Pneumatic.....	J. M. Akers.....	824,056	June 19	3635	774	122	2626
Grain-crushing apparatus.....	A. and A. Simon.....	816,390	Mar. 27	4916	1043-4	121	1225
Grain. Developing the fermentable products from.....	A. F. Kniesche.....	825,662	July 10	2057	.....	123	549
Grain. Device for separating cockle from.....	J. A. Eklund.....	822,105	May 29	6229	1328	122	1621
Grain-distributor.....	J. W. Smith and N. L. Heckman.....	822,872	June 5	1271	262-3	122	2004
Grain-distributor.....	H. B. Bozard.....	836,664	Nov. 27	3512	750	125	997
Grain-distributing device.....	T. J. Skillin.....	834,331	Oct. 30	4892	1036	124	2585
Grain-drier.....	W. Griesser.....	819,424	May 1	784	169-70	122	177
Grain-drier.....	J. Nash.....	825,407	July 10	1445	303	123	393
Grain-drier.....	S. J. Vernsten.....	837,010	Nov. 27	4246	904	125	1179
Grain-drill.....	P. M. Gundlach.....	824,010	June 19	3557	759	122	2609
Grain-drill.....	J. H. Ulrick.....	824,763	July 3	135	26	123	39
Grain-drill.....	F. E. Davis.....	830,644	Sept. 11	1526	315	124	410
Grain-drill.....	F. E. Davis.....	830,645	Sept. 11	1529	316	124	411
Grain-drill.....	J. H. Ulrick.....	833,096	Oct. 9	2149	452	124	1772
Grain-drill.....	W. Fetzer.....	837,393	Dec. 4	229	58	125	1413
Grain-drill.....	O. E. White.....	837,441	Dec. 4	325	77	125	1437
Grain-drill hopper.....	F. J. and W. F. Genet.....	838,533	Dec. 18	2514	544	125	2065
Grain-drill seedbox.....	C. L. Fowle.....	808,979	Jan. 2	718	155	120	159
Grain-drill seedbox.....	W. F. Hoyt.....	822,002	May 29	6038	1287	122	1577
Grain-drill speed-changing mechanism.....	R. C. Livesay.....	821,810	May 29	5682	1210	122	1498
Grain-drill tube.....	H. C. Ham.....	814,957	Mar. 13	1894	398	121	469
Grain-drills. Adjustable feed for.....	A. F. Mills.....	813,054	Feb. 20	3071	672-3	120	2247
Grain dump and elevator.....	C. S. Upham.....	818,926	Apr. 24	4749	1020-1	121	2558
Grain dump and elevator.....	P. P. Oyer.....	823,436	June 12	2422	510	122	2302
Grain-dump. Portable.....	J. E. Camp.....	837,907	Dec. 4	1238	272	125	1661
Grain-elevator.....	F. W. Cooley.....	825,191	July 3	997	210-11	123	261
Grain-elevator.....	T. Naus.....	829,484	Aug. 28	3670	775	123	2695
Grain-elevator.....	J. S. Metcalf.....	836,392	Nov. 20	2965	628-9	125	831

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Grain-elevator	J. C. Tobias	837,518	Dec. 4	468			
Grain elevator and conveyer. Portable	G. Wenzelmann and E. H. Overholt	810,010	Jan. 16	2807	106-7 580	125 120	1472 701
Grain-elevator and wagon-dump	R. J. Jones	816,017	Mar. 27	4123	873-4	121	1056
Grain-elevator. Pneumatic	W. C. Allen	813,073	Feb. 20	3106	680	120	2254
Grain-elevator. Portable	D. C. Hof and C. F. Ladwig	809,373	Jan. 9	1539	313	120	373
Grain-feed	C. G. Haegert	832,376	Oct. 2	715	138	124	1385
Grain-feeder	J. Welfle	836,550	Nov. 20	3274	697-8	125	906
Grain-grader	N. L. Hill	825,390	July 10	1416	296	123	386
Grain-handling apparatus	E. E. Logan	811,938	Feb. 6	509	178	120	1654
Grain-heater	H. F. Pietsch	833,847	Oct. 23	3739	794	124	2255
Grain heater and drier	P. Provost	831,570	Sept. 25	3357	705	124	936
Grain. Means for loading and unloading	S. Bradley	825,106	July 3	827	172	123	220
Grain-moving apparatus. Pneumatic	J. C. Rieth and J. H. Chamberlain	824,585	June 26	4682	995	122	2909
Grain separating and grading apparatus	J. F. Delany	823,322	June 12	2222	464	122	2261
Grain-separating machine	E. L. Deaver	836,869	Nov. 27	3927	839	125	1105
Grain-separator	G. E. Holliday	815,017	Mar. 13	2039	427	121	499
Grain-separator	W. W. Culver	815,070	Mar. 13	2136	450	121	521
Grain-separator	T. W. Slutz and K. O. Lee	820,265	May 8	2526	547-8	122	625
Grain-separator	A. McRae	820,816	May 15	3623	773-4	122	927
Grain-separator	G. W. Bradbury	826,988	July 24	4659	970-1	123	1228
Grain-separator	S. Dunkelberger	831,420	Sept. 18	3040	645	124	819
Grain-separator	S. Dunkelberger	831,421	Sept. 18	3046	646	124	821
Grain separator and bagging device. Combined	T. C. Henninger	820,867	May 15	3725	795	122	948
Grain-separator. Rotary	W. A. Brewster	828,529	Aug. 14	1690	356	123	2117
Grain-separator sieve-cleaner	F. Prinz	816,821	Apr. 3	534	115	121	1476
Grain-separators. Straw-rack for	J. H. Freeze	829,863	Aug. 28	4459	942	123	2888
Grain shelling and hulling device	O. D. Camargo	836,011	Nov. 13	2174	466-7	125	585
Grain-shock and hay loader	M. J. Rodney, J. J. Ford, F. M. Conroy, A. Burson, and F. W. Fitch	810,511	Jan. 23	3908	803-4	120	975
Grain-shocking machine. Automatic	A. G. A. Schmidt and L. Champagne	821,542	May 22	5127	1092-3	122	1317
Grain. Steaming	E. F. Kiler, Sr.	814,909	Mar. 13	1802	378	121	451
Grain-tank and shelter-top. Combined	S. Engh	822,262	June 5	73	14-15	122	1744
Grain-treating apparatus	H. J. Caldwell and J. R. Barr	828,531	Aug. 14	1695	357	123	2118
Grain-weigher	E. J. Vraalstad	824,606	June 26	4721	1005	122	2917
Grains. Cleaning	H. C. Miller	810,960	Jan. 30	4806	999	120	1204
Graining device. Floor-	B. P. Hess	835,067	Nov. 6	396	81	125	104
Graining-machine	H. G. Krasky	839,395	Dec. 25	4185	896	125	2630
Graining-machine. Friction	E. A. Taylor and N. E. Flint	819,182	May 1	284	61	122	71
Graining. Producing surfaces in imitation of	F. M. Clapp	839,363	Dec. 25	4124	.....	125	2605
Graining-tool	W. L. Cooke and A. H. Bates	839,364	Dec. 25	4125	886	125	2505
Gramophone	H. S. Mills	812,512	Feb. 13	1999	438	120	1973
Gramophone	C. A. Parsons	814,561	Mar. 6	1126	234	121	245
Gramophone	G. Hensch	825,725	July 10	2174	454	123	576
Gramophone	C. Hilgenberg	831,344	Sept. 18	2913	617	124	787
Gramophone	J. Sanders	834,326	Oct. 30	4884	1034	124	2582
Gramophone sound-reproducing disk	A. Maitre	825,065	July 3	753	158	123	202
Granular and like material. Means for causing the movement of	S. G. Stevens	833,761	Oct. 23	3525	752	124	2293
Granular or comminuted nature. Apparatus for moving and mining material of a	A. McDougall	821,372	May 22	4798	1019-20	122	1247
Granular substances. Making supporting-plates for	C. P. Schwarz	834,939	Nov. 6	120	24	125	34
Granulating-machine	E. L. Richards	823,550	June 19	2683	565-6	122	2418
Graphite-lubricator	W. B. Wright	828,363	Aug. 14	1361	287	123	2032
Graphite. Production of	E. G. Acheson	836,355	Nov. 20	2888	.....	125	813
Graphite-separator	J. H. Davis	816,303	Mar. 27	4694	997	121	1180
Graphophone	J. J. Hammer	836,032	Nov. 13	2209	473	125	593
Graphophone attachment	M. J. and J. Greevy	820,642	May 15	3255	700	122	845
Graphophone-reproducer	G. A. Manwaring	811,568	Feb. 6	66	13	120	1499
Graphophone-reproducer	W. Hart	817,062	Apr. 3	1021	210	121	1585
Graphophone-reproducer	H. R. Brocius	828,836	Aug. 14	2279	485	123	2268
Grapple	H. Roberts	839,036	Dec. 18	3437	742	125	2290
Grapple	E. Y. Moore	814,388	Mar. 6	785	158	121	173
Grapple	F. S. Williams	832,224	Oct. 2	426	79	124	1317
Grapple	J. Dale	834,271	Oct. 30	4789	1013	124	2559
Grapple	J. W. Stokrantz	834,590	Oct. 30	5388	1143	124	2709
Grapple-fork	A. Mellquist and O. A. Westerson	812,061	Feb. 6	1057	230	120	1704
Grappling-tongs	W. J. Jones	823,411	June 12	2369	499	122	2291
Grasper. Automatic	K. Böttcher and F. Heym	818,736	Apr. 24	4385	939	121	2480
Grass-catcher	C. K. Hann	824,717	July 3	39	7	123	14
Grass-gatherer	S. Hadac	834,615	Oct. 30	5454	1158	124	2726
Grass-grubber	C. W. Stark	836,284	Nov. 20	2756	585-6	125	784
Grass-killing composition	C. M. Hulsey	821,244	May 22	4524	.....	122	1186
Grass-receptacle	L. Wildermuth	836,230	Nov. 20	2635	555	125	752
Grate	G. E. Travis	814,815	Mar. 13	1646	345	121	412
Grate	O. E. Halderman	814,956	Mar. 13	1893	398	121	469
Grate	L. Gschwind	815,160	Mar. 13	2329	487	121	564
Grate	R. A. May	815,450	Mar. 20	2971	619	121	756
Grate	J. E. Frost	818,533	Apr. 24	3970	853	121	2389
Grate	S. Neemes	822,296	June 5	144	29-30	122	1760
Grate	J. E. Parkison	828,769	Aug. 14	2153	456	123	2235
Grate	W. McClave	831,178	Sept. 18	2580	544	124	707
Grate	F. C. Heath	831,342	Sept. 18	2907	615-16	124	786
Grate	G. M. Mullen	831,368	Sept. 18	2953	626-7	124	797
Grate	R. V. Brawley	834,255	Oct. 30	4760	1007	124	2551
Grate	J. E. Parkinson	834,932	Nov. 6	111	22	125	31
Grate	A. C. Hepp	835,024	Nov. 6	299	64	125	78
Grate	G. M. Smith and G. M. Petty	837,745	Dec. 4	938	212	125	1587
Grate and fuel feeder	E. Harcharick	820,783	May 15	3536	758	122	908
Grate and fixtures therefor	J. Ferracioli	825,713	July 10	2157	450	123	572
Grate attachment. Fire-	C. Dieterle	823,995	June 19	3528	753	122	2603
Grate-bar	H. B. Sperry	810,986	Jan. 30	4851	1010	120	1214

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Grate-bar.....	A. Wilkinson.....	817,028	Apr. 3	961	198	121	1572
Grate-bar.....	R. C. Monteaale.....	820,060	May 8	2118	462	122	535
Grate-bar.....	P. McNaughton.....	833,845	Oct. 23	3733	794	124	2253
Grate-bar.....	E. A. Wildt.....	836,421	Nov. 20	3034	644	125	848
Grate-bar.....	H. C. Roller.....	838,906	Dec. 18	3209	693	125	2233
Grate-bar Sectional.....	W. McClave.....	812,071	Feb. 6	1075	235	120	1708
Grate. Chain.....	J. P. Barnes.....	824,331	June 26	4143	887	122	2793
Grate. Fire.....	H. Budd.....	837,543	Dec. 4	519	120	125	1485
Grate. Gas.....	A. D. Rathbone.....	816,737	Apr. 3	364	84	121	1440
Grate. Hollow blast.....	E. J. Gordon.....	824,716	July 3	38	6-7	123	14
Grate. Mechanical-stoking.....	H. A. Poppenhusen.....	837,641	Dec. 4	725	166-8	125	1534
Grate-operating mechanism.....	W. Thow and W. H. Nisbet.....	834,174	Oct. 23	4571	970	124	2460
Grate-operating mechanism.....	W. Thow and W. H. Nisbet.....	836,616	Nov. 20	3387	722	125	932
Grate or grate member. Ball-bearing fire-ring.....	J. Ritschel.....	835,470	Nov. 6	1185	255	125	298
Grate. Rocking.....	T. E. Martin.....	833,934	Oct. 23	3933	834-5	124	2305
Grate. Temporary.....	T. Bennett.....	837,377	Dec. 4	201	49	125	1406
Grate. Water-cooled.....	A. E. Johnson.....	821,500	May 22	5051	1075-6	122	1301
Grater.....	A. C. Mahla.....	835,285	Nov. 6	817	170	125	207
Grater. Vegetable.....	J. Charkey.....	828,193	Aug. 7	992	207	123	1914
Grave-cover.....	W. J. Halpin.....	823,043	June 12	1627	336	122	2132
Grave-protector.....	G. Roth.....	826,689	July 24	4096	830	123	1089
Gravel-unloading means.....	C. H. Williamson.....	820,538	May 15	3086	664	122	808
Gravity-bolt and fusible connection for metallic frames and windows therefor.....	A. H. Woodruff.....	815,774	Mar. 20	3625	762-3	121	896
Gravity-lock for sliding doors.....	L. A. Turner.....	820,271	May 8	2536	549-50	122	628
Gravity-separator.....	W. Hughes and J. Thomas.....	839,387	Dec. 25	4168	892	125	2516
Grease-cup.....	T. E. Peters.....	815,734	Mar. 20	3536	742	121	877
Grease-cup.....	J. Powell.....	824,882	July 3	411	78	123	113
Grease-cup.....	C. W. Leonard.....	826,259	July 17	3185	660	123	838
Grease-cup.....	M. D. Jones and D. Patterson.....	835,109	Nov. 6	476	97	125	123
Grease-cup.....	F. Beebe.....	839,539	Dec. 25	4490	958	125	2593
Grease-cup. Automatic power-compression.....	E. T. Sprake.....	821,966	May 29	5973	1272	122	1561
Grease-separator.....	W. J. Baldwin.....	825,573	July 10	1829	389	123	489
Greenhouse.....	C. Ickes.....	820,198	May 8	2390	519	122	594
Greenhouse.....	J. Wilson and S. O. Hoyt.....	838,229	Dec. 11	1926	412	125	1876
Greenhouse and other glazed structure.....	P. M. Pierson.....	811,951	Feb. 6	839	184-5	120	1600
Greenhouses. Sash-lifting apparatus for.....	W. O. Johnston and P. J. Foley.....	811,506	Jan. 30	5827	1220	120	1421
Griddle-greaser.....	C. H. Haight.....	814,203	Mar. 6	390	79	121	85
Griddle-greaser.....	E. J. Lightbown.....	825,400	July 10	1434	299	123	390
Grille.....	W. M. Kinnaman.....	839,153	Dec. 25	3709	801	125	2405
Grille-plate.....	W. S. Tuttle.....	812,158	Feb. 6	1271	278	120	1748
Griinder.....	G. W. Golden.....	809,254	Jan. 2	1290	263	120	284
Griinder.....	G. A. Kimber.....	836,813	Nov. 27	3833	816	125	1082
Griinder for cultivator disks and tools.....	G. B. Greene.....	823,857	June 19	3259	690-1	122	2546
Grinding and abrading wheels. Tool for truing.....	L. Bingell.....	830,293	Sept. 4	797	163	124	200
Grinding and polishing machine.....	C. C. Hill.....	828,885	Aug. 21	2390	509-10	123	2325
Grinding and triturating machine.....	I. S. Goldman.....	832,253	Oct. 2	485	91	124	1330
Grinding apparatus.....	L. H. Olmsted.....	813,167	Feb. 20	3294	724	120	2293
Grinding apparatus.....	M. Dunn.....	821,621	May 29	5290	1128-9	122	1411
Grinding apparatus. Shears or scissors.....	E. F. Davis.....	811,202	Jan. 30	5274	1103-4	120	1305
Grinding apparatus. Twist-drill.....	G. Benicke.....	821,849	May 29	5747	1223-4	122	1511
Grinding cutlery-blades and the like. Machine for.....	T. R. Moore.....	813,510	Feb. 27	3984	874-5	120	2500
Grinding device. Tool.....	J. Riddell and C. C. M. Mortensen.....	810,381	Jan. 16	3618	744-5	120	874
Grinding-disk. Clearance-space.....	G. Gorton.....	816,461	Mar. 27	5040	1070	121	1251
Grinding-disks and similar rotating objects and tools.....	H. Friedrichs.....	826,842	July 24	4388	913	123	1162
Protecting-hood for.....	J. A. Stansbury.....	819,384	May 1	712	151	122	162
Grinding-disks. Apparatus for truing.....	F. Schmaltz.....	822,391	June 5	315	65	122	1794
Grinding drills, bores, and like tools. Apparatus for.....	R. L. Morgan and J. N. Heald.....	810,426	Jan. 23	3727	768	120	932
Grinding-machine.....	C. E. Blechschmidt.....	810,903	Jan. 30	4674	974	120	1174
Grinding-machine.....	R. D. Fassett.....	812,122	Feb. 6	1168	256-7	120	1726
Grinding-machine.....	A. C. Calkins.....	815,333	Mar. 20	2718	566-7	121	698
Grinding-machine.....	L. W. Holub.....	816,550	Mar. 27	5230	1109	121	1295
Grinding-machine.....	H. A. Higbee.....	820,193	May 8	2384	518	122	593
Grinding-machine.....	A. B. Landis.....	820,801	May 15	3579	765-7	122	917
Grinding-machine.....	J. C. Miller and L. E. Howard.....	823,613	June 19	2792	591-2	122	2442
Grinding-machine.....	C. I. Shirley.....	826,694	July 24	4104	851-2	123	1091
Grinding-machine.....	W. E. Paine.....	830,360	Sept. 4	926	192	124	229
Grinding-machine.....	J. R. Coe.....	832,775	Oct. 9	1523	311-13	124	1619
Grinding-machine.....	A. Johnston.....	833,787	Oct. 23	3588	767	124	2217
Grinding-machine.....	H. E. Menier.....	835,286	Nov. 6	819	171	125	207
Grinding-machine.....	G. Peiseler.....	837,715	Dec. 4	884	199	125	1574
Grinding-machine.....	H. Lutter and E. A. Gies.....	838,556	Dec. 18	2556	552	125	2075
Grinding-machine.....	C. O. Smith.....	839,080	Dec. 18	3529	763-4	125	2314
Grinding-machine attachment.....	G. F. Buck.....	825,803	July 10	2319	484	123	611
Grinding machine. Drill.....	F. Schmaltz.....	819,173	May 1	259	55-7	122	64
Grinding machine. Knife.....	A. L. Davis.....	831,541	Sept. 25	3292	693	124	918
Grinding machine. Roll.....	W. M. Wilhelm.....	830,550	Sept. 11	1329	274	124	357
Grinding machine. Tool.....	J. G. Pool.....	820,519	May 15	3045	655-7	122	800
Grinding-machines, &c. Clamping device for.....	M. A. Rollman.....	831,629	Sept. 25	3472	729	124	966
Grinding-mill.....	C. N. McLaughlin.....	811,945	Feb. 6	821	180	120	1636
Grinding-mill.....	W. Halstead.....	812,250	Feb. 13	1491	326	120	1864
Grinding-mill.....	P. T. Lindhard.....	812,737	Feb. 13	2440	535	120	2061
Grinding-mill.....	H. A. Higbee.....	813,903	Feb. 27	4756	1050	120	2668
Grinding-mill.....	H. C. Robinson.....	822,840	June 5	1208	248	122	1992
Grinding-mill.....	M. F. Abbé.....	823,365	June 12	2294	480	122	2276
Grinding-mill.....	O. J. Moussette.....	824,520	June 26	4543	964-5	122	2879
Grinding-mill.....	M. F. Abbé.....	825,148	July 3	913	192-3	123	241
Grinding-mill.....	A. F. Davis.....	825,285	July 10	1183	251	123	327
Grinding-mill.....	A. W. Straub.....	826,711	July 24	4140	860-1	123	1099
Grinding-mill.....	J. N. Bosch, Jr.....	827,579	July 31	5974	1239	123	1566
Grinding-mill.....	J. H. Reece.....	827,703	Aug. 7	17	3	123	1674
Grinding-mill.....	W. A. Kramer.....	827,883	Aug. 7	374	80	123	1762
Grinding-mill.....	G. Carlson.....	829,792	Aug. 28	4322	913-14	123	2855
Grinding-mill.....	P. P. Belt and E. Utz.....	834,507	Oct. 30	5235	1112	124	2672
Grinding-mill.....	P. P. Belt and E. Utz.....	838,370	Dec. 11	2193	476	125	1941

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Grinding-mill.....	J. C. Woodcock.....	839,248	Dec. 25	3904	840	125	2451
Grinding-mill disk.....	A. J. Robinson.....	819,599	May 1	1100	242	122	247
Grinding-mill driver.....	J. L., J. C., and W. M. Brown.....	826,224	July 17	3125	649	123	823
Grinding mill. Grain.....	M. R. Martin.....	817,859	Apr. 17	2605	562	121	2040
Grinding or crushing mill.....	G. Weiss.....	835,049	Nov. 6	357	73	125	95
Grinding or cutting machine.....	J. W. Hudlow.....	838,250	Dec. 11	1978	423-4	125	1889
Grinding or polishing machine.....	P. Mueller and J. Boland.....	819,021	Apr. 24	4935	1059	121	2600
Grinding or polishing machine.....	J. T. Duff.....	822,656	June 5	854	174-5	122	1917
Grinding piston-rings.....	P. Gaeth.....	831,151	Sept. 18	2531	533	124	691
Grinding-plate for mills.....	A. F. Davis.....	827,059	July 24	4814	1003	123	1265
Grinding-wheel.....	G. Hart.....	825,460	July 10	1585	329	123	431
Grinding-wheels. Means for truing.....	G. E. Metcalf. (Reissue).....	12,546	Oct. 23	4707	997	124	2492
Grindstone attachment.....	B. F. Bellows.....	818,933	Apr. 24	4768	1025	121	2562
Grindstone-fixture.....	C. H. Foster.....	836,443	Nov. 20	3083	653-4	125	858
Grindstone-frame.....	G. Wideman.....	809,349	Jan. 9	1491	300	120	363
Grindstone-turning apparatus.....	D. Perdev.....	815,034	Mar. 13	2076	435	121	508
Grip.....	J. Dunbar.....	820,292	May 8	2586	563	122	638
Grip.....	J. R. Crabill.....	838,952	Dec. 18	3283	710	125	2250
Grip device. Intermittent.....	E. H. Ahlander.....	815,895	Mar. 20	3886	822	121	951
Grip device. Intermittent.....	D. E. Lyman.....	821,301	May 22	4640	989	122	1209
Grip for ropes and the like.....	G. W. Seebach.....	813,457	Feb. 27	3873	849	120	2475
Gripping implement.....	F. C. Williams.....	831,127	Sept. 18	2491	526	124	681
Gripping-tool. Adjustable.....	W. Punt.....	815,376	Mar. 20	2820	587	121	720
Grist-mill. Portable.....	J. S. Lord.....	816,108	Mar. 27	4314	914	121	1097
Gromets and similar articles. Machine for setting.....	A. E. Jones.....	817,780	Apr. 17	2438	521-2	121	2003
Ground-detector and cut-out.....	E. F. W. Alexanderson.....	825,268	July 10	1184	251	123	327
Ground-roller.....	F. B. Moore.....	822,752	June 5	1041	213	122	1957
Ground. Solidifying earthy.....	H. Mehner.....	829,664	Aug. 28	4035	854-5	123	2786
Grub-puller.....	S. F. McGown.....	809,972	Jan. 16	2730	562	120	684
Guide-board and sign.....	W. P. Harmony.....	829,206	Aug. 21	3075	646	123	2502
Guide-clamp.....	R. vom Cleff, Jr., and C. F. Benedict.....	814,188	Mar. 6	360	74	121	78
Guide for sewing braid binders to skirts. Adjustable slide.....	M. J. Giles.....	827,437	July 31	5644	1169	123	1486
Guiding and feeding machine. Automatic.....	W. A. Wood.....	823,018	June 12	1575	327	122	2121
Guitar and mandolin bridge.....	G. A. Webb.....	835,085	Nov. 6	428	86	125	113
Guitar attachment.....	H. M. Willis.....	823,657	June 19	2892	611	122	2467
Guitar attachment.....	S. Panelli.....	831,238	Sept. 18	2689	565-6	124	729
Guitars. Mandolin attachment for.....	F. G. Platts.....	832,157	Oct. 2	287	54	124	1282
Gum. Article of chewing.....	B. A. Laws.....	810,210	Jan. 16	3234	669	120	789
Gum-form. Carved.....	W. Broadbent.....	810,184	Jan. 16	3167	656	120	776
Gum from vegetable matter. Obtaining.....	E. Heber.....	824,116	June 26	3730	.....	122	2705
Gum. Treating.....	A. P. Eves.....	821,934	May 29	5910	1257	122	1548
Gumming-machine.....	E. A. Claus.....	823,714	June 19	2985	632	122	2485
Gun.....	A. H. Stow.....	809,640	Jan. 9	2094	434	120	491
Gun.....	M. F. Smith.....	817,134	Apr. 3	1150	238	121	1615
Gun.....	H. L. Woeltjen.....	822,808	June 5	1143	235	122	1979
Gun.....	G. Hagen.....	829,779	Aug. 28	4295	908	123	2848
Gun. Air.....	D. F. Polley.....	808,680	Jan. 2	109	25	120	26
Gun. Air.....	W. R. Benjamin.....	822,645	June 5	835	170	122	1912
Gun. Air.....	G. W. Warren.....	830,121	Sept. 4	448	90	124	113
Gun attachment.....	A. T. Wight.....	809,080	Jan. 2	915	192	120	203
Gun. Automatic.....	W. Trabue.....	814,749	Mar. 13	1515	321	121	391
Gun. Automatic.....	A. Burgess.....	821,922	May 29	5885	1251	122	1542
Gun. Automatic.....	A. Burgess.....	822,851	June 5	1227	253	122	1995
Gun. Automatic.....	C. H. Taylor.....	823,004	June 12	1538	320-1	122	2112
Gun. Automatic.....	H. Lehmann.....	830,511	Sept. 11	1245	257-8	124	335
Gun. Automatic machine.....	A. O. von Augezd.....	831,923	Sept. 25	4099	854-5	124	1129
Gun. Automatic magazine.....	A. Burgess.....	821,921	May 29	5882	1250	122	1542
Gun. Automatic spring.....	E. Müller-Bralitz.....	836,453	Nov. 20	3099	657	125	862
Gun balancing mechanism.....	J. F. Meigs, H. G. Jakobsson, and F. A. Sullivan.....	810,662	Jan. 23	4194	868	120	1037
Gun. Ballistic.....	F. I. Du Pont.....	815,468	Mar. 20	3002	626	121	761
Gun-barrel.....	C. R. Bellamy.....	827,844	Aug. 7	304	63	123	1745
Gun-barrel for pistols, rifles, and ordnance.....	P. E. Kent.....	812,140	Feb. 6	1202	264	120	1734
Gun-barrel for shotguns.....	W. L. Robedee.....	833,484	Oct. 16	2992	635	124	2029
Gun-barrel hand-protectors. Retaining device for.....	J. Y. Bassell and F. C. Blenkner.....	814,664	Mar. 13	1341	280	121	352
Gun barrel-locking device. Breakdown.....	A. H. Fox.....	810,046	Jan. 16	2893	597	120	719
Gun-barrel-straightening machine.....	H. J. Nichols.....	832,152	Oct. 2	270	52	124	1278
Gun-barrels. Hand-protector for.....	W. S. Alves.....	836,851	Nov. 27	3900	832	125	1098
Gun-barrels or the cradles of portable guns in the traveling position. Device for securing the	O. Lauber and K. Thiele.....	809,819	Jan. 9	2416	502	120	564
Gun-bearing.....	J. J. Bayne.....	811,540	Feb. 6	12	3-4	120	1487
Gun. Breakdown.....	G. Ellstrom.....	832,660	Oct. 9	1298	261	124	1566
Gun. Breech-loading.....	A. H. Russell.....	816,603	Apr. 3	112	24-5	121	1382
Gun-carriage.....	S. N. McClean.....	813,106	Feb. 20	3166	692	120	2267
Gun-carriage.....	A. H. Emery.....	817,841	Apr. 17	2565	550-2	121	2032
Gun-cleaning device.....	J. D. Coleman.....	810,913	Jan. 30	4698	981	120	1179
Gun. Discharge-actuated.....	S. N. McClean.....	827,259	July 31	5254	1091-2	123	1393
Gun. Electric.....	S. T. Foster, Jr.....	811,913	Feb. 6	731	160	120	1639
Gun. Electrical.....	M. E. Thomas.....	815,490	Mar. 20	3033	633	121	768
Gun elevating and sighting attachment.....	O. Lauber and F. Stock.....	809,818	Jan. 9	2414	501	120	564
Gun-elevating mechanism and sighting device.....	O. Lauber and F. Stock.....	813,979	Feb. 27	4893	1082-3	120	2695
Gun firing mechanism.....	J. F. Meigs and H. G. Jakobsson.....	812,431	Feb. 13	1843	405	120	1941
Gun firing mechanism.....	J. F. Meigs and H. G. Jakobsson.....	812,432	Feb. 13	1847	405-6	120	1943
Gun firing mechanism.....	H. Lehmann.....	814,854	Mar. 13	1712	358	121	432
Gun firing mechanism.....	J. F. Meigs and H. G. Jakobsson.....	824,130	June 26	3755	801-2	122	2710
Gun firing mechanism.....	W. H. Driggs.....	839,124	Dec. 25	3650	787-8	125	2388
Gun. Gas-operated machine.....	M. F. Smith.....	817,197	Apr. 10	1289	267-8	121	1705
Gun. Hammerless drop-down.....	C. Lohse.....	810,162	Jan. 16	3124	646-7	120	767
Gun having recoil-barrel and adjustable brake.....	K. Voller.....	827,678	July 31	6203	1290	123	1628
Gun-lock.....	T. M. Thorsen.....	815,879	Mar. 20	3854	816	121	943
Gun-locks. Safety-lock for.....	M. P. Rogers and E. C. Rouse.....	817,094	Apr. 3	917	189	121	1562
Gun. Magazine.....	P. W. Wisewell.....	824,165	June 26	3870	817	122	2727
Gun-mount.....	J. F. Meigs and S. A. S. Hammar.....	810,660	Jan. 23	4192	866-7	120	1037
Gun-mount.....	J. F. Meigs and S. A. S. Hammar.....	810,661	Jan. 23	4193	867	120	1037

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gun-mount.....	L. L. Driggs.....	818,942	Apr. 24	4779	1027-8	121	2565
Gun-mounting.....	A. Bremberg.....	828,811	Aug. 14	2229	474-5	123	2255
Gun mounting. Recoiling.....	A. T. Dawson and G. T. Buckham.....	818,358	Apr. 17	3603	772	121	2256
Gun or rifle. Pneumatic.....	J. Picken.....	836,532	Nov. 20	3245	690	125	898
Gun. Pneumatic.....	J. Pusey.....	814,078	Mar. 6	152	31	121	34
Gun-rack.....	J. T. Nicholson.....	834,748	Oct. 30	5700	1210	124	2789
Gun. Recoil.....	O. Lauber.....	809,821	Jan. 9	2419	503	120	565
Gun. Repeating shot.....	H. J. Boosted.....	830,048	Sept. 4	273	55-6	124	67
Gun. Salute.....	W. D. Ryan.....	809,752	Jan. 9	2297	476	120	537
Gun-shield.....	R. A. Hadfield and A. G. M. Jack.....	811,715	Feb. 6	342	75	120	1562
Gun-sight.....	J. Klingenberg.....	810,156	Jan. 16	3115	643	120	765
Gun-sight.....	W. Braithwaite.....	810,258	Jan. 16	3334	692	120	810
Gun-sight.....	G. L. Black.....	810,702	Jan. 23	4265	884	120	1053
Gun-sight.....	G. L. Black.....	810,703	Jan. 23	4266	885	120	1053
Gun-sight.....	L. Hillabrandt.....	810,761	Jan. 23	4369	907	120	1076
Gun-sight.....	H. B. Andrus.....	811,267	Jan. 30	5401	1127	120	1333
Gun-sight.....	W. V. Hukill.....	815,090	Mar. 13	2177	459	121	529
Gun-sight.....	J. H. Nickerson.....	821,821	May 29	5702	1215	122	1502
Gun-sight.....	C. O. Eckley.....	823,999	June 19	3535	754	122	2605
Gun-sight.....	D. W. King, Jr.....	830,442	Sept. 4	1097	229	124	271
Gun-sight.....	R. D. Hasbrouck.....	834,471	Oct. 30	5164	1097	124	2655
Gun-sight.....	J. F. Meigs and S. A. S. Hammar.....	836,815	Nov. 27	3837	817	125	1083
Gun-sight.....	R. W. Hennessy.....	837,223	Nov. 27	4651	988	125	1281
Gun sighting attachment.....	R. P. Stout and F. G. Hughes.....	810,581	Jan. 23	4051	833-4	120	1005
Gun. Spring.....	J. J. Davis.....	833,372	Oct. 16	2736	576	124	1970
Gun. Spring air.....	L. Jeffries.....	816,983	Apr. 3	879	182	121	1553
Gun-stock.....	W. F. Cole.....	816,074	Mar. 27	4256	702	121	1085
Gun-stock. Jointed.....	H. W. Munson.....	824,505	June 26	4510	957	122	2871
Gun-stocks. Lock for fore-end of.....	E. H. Elder.....	822,886	June 5	1294	266	122	2009
Gun-stocks. Spring attachment for.....	B. F. Schmidt.....	832,213	Oct. 2	401	74	124	1310
Gun. Torpedo.....	E. L. Zalinski.....	819,834	May 8	1602	340	122	421
Gun trigger mechanism.....	K. Völler.....	821,557	May 22	5154	1099-1100	122	1322
Guns. Automatic brake for tube recoil.....	K. Völler.....	818,801	Apr. 24	4526	967-8	121	2511
Guns. Automatic single-trigger mechanism for double-barrel.....	J. Kautzky.....	827,242	July 31	5227	1086	123	1385
Guns. Cartridge extracting and ejecting mechanism for.....	H. Lehmann.....	830,510	Sept. 11	1244	257	124	335
Guns. Cartridge for air.....	A. T. Saunders.....	838,511	Dec. 11	2457	534	125	2007
Guns. Cartridge-stop for tubular-magazine.....	T. C. Johnson.....	839,390	Dec. 25	4176	894	125	2518
Guns. Firing mechanism for breech-loading.....	G. Gerdom.....	809,107	Jan. 2	974	201	120	215
Guns from cover. Instrument for sighting.....	W. Youlten.....	825,169	July 3	961	203	123	251
Guns from cover. Sighting.....	W. Youlten.....	813,932	Feb. 27	4817	1062-3	120	2680
Guns in turrets, &c. Apparatus for loading.....	C. P. E. Schneider.....	811,797	Feb. 6	496	107-12	120	1592
Guns. Means for securing shields to portable.....	O. Lauber.....	809,820	Jan. 9	2418	502	120	565
Guns. Mechanism for extracting and ejecting spent cartridge-cases in recoil.....	J. T. S. Schouboe.....	828,977	Aug. 21	2567	543	123	2370
Guns mounted on wheels. Trail for the carriages of.....	C. P. E. Schneider.....	833,636	Oct. 16	3288	699	124	2099
Guns. Recoil-brake for automatic.....	J. M. Browning.....	812,326	Feb. 13	1648	362	120	1901
Guns. Single trigger for double.....	J. J. Murphy.....	825,550	July 10	1787	377	123	479
Guns. Single-trigger mechanism for.....	G. B. Osterhout.....	813,513	Feb. 27	3995	876	120	2502
Guns. Single-trigger mechanism for.....	G. B. Osterhout.....	821,118	May 22	4284	911-13	122	1131
Guns. Single-trigger mechanism for double-barrel.....	C. F. and D. M. Lefever.....	810,871	Jan. 23	4584	954	120	1122
Guns. Telescope-mounting for.....	J. Wilkinson.....	834,785	Oct. 30	5802	1231	124	2814
Guns. Telescopic sight for.....	J. F. Meigs and H. G. Jakobsson.....	818,546	Apr. 24	3998	858	121	2394
Guns. Telescopic sighting device for.....	J. Allardt.....	834,552	Oct. 30	5312	1128	124	2691
Guns. Wrought-metal fore-arm for.....	T. C. Johnson.....	819,551	May 1	1014	222	122	229
Guncotton blocks. Pressing of.....	G. W. Bell.....	835,296	Nov. 6	838	175	125	212
Guncotton blocks. Pressing of.....	G. W. Bell.....	835,298	Nov. 6	842	175-8	125	213
Guncotton blocks. Pressing of long.....	G. W. Bell.....	835,297	Nov. 6	839	175	125	212
Gutta-percha. Extracting.....	A. Arnaud.....	836,512	Nov. 20	3195	125	888	
Gutter for buildings.....	T. S. Woods.....	822,418	June 5	362	76	122	1805
Gymnasium apparatus.....	M. B. Reach.....	826,609	July 24	3958	819-20	123	1053
Gymnasium apparatus, &c. Rope connection for.....	M. B. Reach.....	838,584	Dec. 18	2611	563	125	2089
Gynecological appliance.....	J. H. Ballard.....	831,592	Sept. 25	3395	713	124	946
Gyroscope.....	J. C. Maurer.....	829,663	Aug. 28	4034	854	123	2785
Hacksawing-machine.....	J. Hampton, Sr.....	810,749	Jan. 23	4346	903	120	1071
Hair and hat securing device.....	I. Fréchette.....	817,238	Apr. 10	1371	288	121	1723
Hair. Apparatus for promoting the growth of.....	N. W. Dible.....	809,360	Jan. 9	1508	305	120	367
Hair-clipper.....	O. W. Johnson.....	816,235	Mar. 27	4562	971	121	1150
Hair-collector. Pneumatic.....	J. W. Deckert.....	825,961	July 17	2611	543	123	698
Hair-cutter.....	E. Scharff.....	835,259	Nov. 6	771	161	125	195
Hair dressing and shampooing device.....	R. C. Dalton.....	835,814	Nov. 13	1848	390	125	511
Hair-dressing device.....	A. Shedlock.....	831,111	Sept. 18	2462	520	124	675
Hair-dressing device.....	J. T. Wilcox.....	831,493	Sept. 18	3179	672	124	855
Hair-drier.....	F. S. Emmons.....	808,645	Jan. 2	48	10	120	13
Hair-fastener.....	F. B. Rogers and C. H. Dittmer.....	819,927	May 8	1775	382	122	461
Hair-picking machine.....	C. H. Dickson.....	836,741	Nov. 27	3699	789	125	1046
Hair-pin.....	C. E. Fosnight.....	811,628	Feb. 6	197	42	120	1528
Hair-pin.....	J. M. Hartley.....	812,741	Feb. 13	2445	536	120	2062
Hair-pin.....	L. H. Flory.....	813,787	Feb. 27	4520	998	120	2616
Hair-pin.....	G. H. Bigelow.....	816,956	Apr. 3	826	169	121	1541
Hair-pin.....	C. L. Durboraw.....	817,839	Apr. 17	2563	550	121	2031
Hair-pin.....	F. E. Regan.....	818,468	Apr. 24	3817	821	121	2357
Hair-pin.....	J. Cook.....	820,625	May 15	3232	695	122	840
Hair-pin.....	C. T. Minder.....	836,937	Nov. 27	4094	874	125	1143
Hair-pin.....	H. Summa.....	839,791	Dec. 25	4999	1067	125	2718
Hair-pin rubbing and polishing machine.....	W. H. Thompson.....	816,137	Mar. 27	4382	926	121	1112
Hair-pins. Apparatus for making wire-core.....	C. J. Leyers.....	814,058	Mar. 6	116	22-3	121	26
Hair-pins. Making.....	D. H. Haywood.....	832,127	Oct. 2	213	43	124	1265
Hair-pins. Mold for the manufacturing of.....	T. Roos.....	808,949	Jan. 2	647	141	120	143
Hair. Rat for the.....	E. L. York.....	831,590	Sept. 25	3392	712	124	946
Hair-retaining device.....	R. B. Osterhoudt.....	827,386	July 31	5506	1144	123	1453
Hair-separator. Centrifugal.....	H. J. Brown.....	838,377	Dec. 11	2211	479	125	1946
Hair-straightener.....	S. E. Monroe.....	819,444	May 1	825	178	122	185

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Hair-waver.....	H. P. Fiske.....	815,278	Mar. 13	2553	538	121	614
Hair-waver.....	A. Schärer.....	837,735	Dec. 4	922	208	125	1584
Hair-waving device.....	A. Schärer.....	830,372	Sept. 4	952	197	124	234
Hairs and the like out of bundles. Apparatus for drawing	A. Dinklage.....	830,578	Sept. 11	1393	288	124	374
Half-tones. Backing-lumber for.....	W. Brown and A. Weber.....	832,530	Oct. 2	1018	204	124	1457
Halter.....	M. M. Stokes.....	813,062	Feb. 20	3086	676	120	2250
Halter.....	W. E. Hayner.....	815,164	Mar. 13	2336	488	121	566
Halter.....	W. J. Smouse.....	817,135	Apr. 3	1151	238	121	1615
Halter-tie.....	J. S. Tupper.....	837,158	Nov. 27	4541	963	125	1252
Hame.....	J. A. Alexander.....	810,383	Jan. 23	3627	747	120	909
Hame.....	H. N. Kempton.....	812,139	Feb. 6	1201	264	120	1734
Hame.....	W. H. Hill.....	813,294	Feb. 20	3538	780	120	2344
Hame.....	P. Dionne.....	831,043	Sept. 18	2294	485	124	639
Hame and trace connector.....	F. F. Hodges.....	808,840	Jan. 2	421	92	120	93
Hame and trace connector.....	G. F. Lindsay.....	814,222	Mar. 6	429	88	121	93
Hame-clasp.....	A. Schaefer.....	817,673	Apr. 10	2210	472	121	1898
Hame-clip. Adjustable.....	F. E. Vorce.....	815,767	Mar. 20	3615	759	121	894
Hame-fastener.....	P. Nelson.....	815,205	Mar. 13	2434	507	121	590
Hame-fastener.....	J. Stege.....	812,462	Feb. 13	1896	418	120	1953
Hame-fastener.....	G. G. Greene.....	812,649	Feb. 13	2277	495	120	2028
Hame-fastener.....	J. H. Alexander.....	822,232	June 5	1	1	122	1729
Hame-fastener.....	W. A. Aurand.....	826,528	July 24	3770	781	123	1003
Hame-fastener.....	J. W. Gonc.....	829,777	Aug. 28	4291	907	123	2847
Hame-fastener.....	P. C. Brown.....	831,643	Sept. 25	3514	736	124	978
Hame. Harness.....	J. R. Hughes.....	825,730	July 10	2183	456	123	579
Hame. Harness.....	J. Jeannotte.....	828,889	Aug. 21	2407	512	123	2330
Hame-hook.....	W. T. Brister.....	839,265	Dec. 25	3938	846	125	2459
Hame. Reversible.....	R. L. Bond.....	819,508	May 1	937	205	122	209
Hame staple and clip connector.....	W. W. McMillen and F. Anderson.....	836,525	Nov. 20	3227	687	125	895
Hame-tie fastener for harness and holdback-straps.....	L. C. Kimberly.....	828,321	Aug. 14	1275	270	123	2011
Hames-connector.....	J. M. Hedrick.....	834,521	Oct. 30	5256	1117	124	2677
Hames. Draft attachment for.....	F. J. Martin.....	816,987	Apr. 3	889	184	121	1556
Hammer.....	A. M. Layton.....	815,442	Mar. 20	2959	615	121	753
Hammer.....	J. H. Smith.....	825,560	July 10	1802	381	123	482
Hammer.....	H. C. Lyon.....	834,149	Oct. 23	4525	960	124	2449
Hammer and spike-puller. Claw.....	C. F. Fifer.....	812,985	Feb. 20	2928	645	120	2213
Hammer-drill.....	W. Prellwitz.....	818,638	Apr. 24	4181	900	121	2435
Hammer. Drop.....	E. S. Brett.....	811,368	Jan. 30	5590	1167-8	120	1373
Hammer. Drop.....	E. W. Merrill, Jr.....	821,303	May 22	4648	990	122	1211
Hammer. Drop.....	J. P. McLeod.....	823,480	June 12	2520	528-9	122	2325
Hammer. Electric.....	W. F. Wegner.....	818,589	Apr. 24	4073	874	121	2410
Hammer. Electric.....	R. Smith.....	831,482	Sept. 18	3164	669-70	124	851
Hammer for beating leaf metal.....	H. E. Grabau.....	814,003	Feb. 27	4951	1095	120	2705
Hammer for forging tapered work. Power.....	W. E. Sheehy.....	811,669	Feb. 6	263	58	120	1543
Hammer. Forging.....	P. R. Peiseler.....	826,190	July 17	3048	633	123	807
Hammer handle. Pneumatic.....	C. T. Carnahan.....	839,727	Dec. 25	4873	1042	125	2686
Hammer. Magazine tack.....	W. F. Gant.....	823,041	June 12	1619	335	122	2130
Hammer or stamp. Drop.....	H. F. Massey.....	829,594	Aug. 28	3897	826-7	123	2752
Hammer. Pneumatic.....	R. A. Norling.....	813,109	Feb. 20	3174	694-5	120	2269
Hammer. Pneumatic.....	A. Levedahl.....	814,306	Mar. 6	602	125-6	121	130
Hammer. Pneumatic.....	R. A. Norling.....	814,983	Mar. 13	1943	408-9	121	479
Hammer. Pneumatic.....	M. Harbsoeg.....	819,425	May 1	788	170	122	178
Hammer. Pneumatic.....	E. C. Meissner.....	822,146	May 29	6308	1343	122	1639
Hammer. Pneumatic.....	J. M. and E. W. Raikes.....	826,802	July 24	4304	895	123	1142
Hammer. Pneumatic.....	C. T. Carnahan.....	834,187	Oct. 23	4596	974	124	2465
Hammer. Pneumatic.....	C. Pruner.....	834,641	Oct. 30	5503	1168-9	124	2740
Hammer. Pneumatic.....	C. T. Carnahan and J. Murphy.....	835,936	Nov. 13	2055	439	125	557
Hammer. Power.....	A. J. Patch.....	836,778	Nov. 27	3763	802	125	1062
Hammer. Power.....	M. T. Weston.....	809,348	Jan. 9	1489	300	120	363
Hammer. Power.....	A. Bragg.....	810,905	Jan. 30	4676	975	120	1174
Hammer. Power.....	C. W. Blackstone.....	816,291	Mar. 27	4669	991	121	1174
Hammer. Power.....	G. H. Wadsworth.....	831,912	Sept. 25	4080	851	124	1124
Hammer. Power.....	G. H. Tolley and W. G. Simcock.....	837,519	Dec. 4	470	107-8	125	1473
Hammer. Power.....	R. Bauer.....	838,233	Dec. 11	1931	413	125	1878
Hammer. Power.....	H. B. Stocks.....	838,363	Dec. 11	2171	471-2	125	1937
Hammer. Steam.....	W. J. Hagman.....	834,616	Oct. 30	5456	1158	124	2727
Hammer. Steam drop.....	C. L. Taylor.....	829,682	Aug. 28	4074	862	123	2794
Hammers. Means for fastening the heads of nail.....	D. Ives.....	826,168	July 17	3011	625	123	798
Hammers. Work-holder for power.....	H. C. Lower.....	833,969	Oct. 23	4106	874	124	2341
Hammock.....	H. L. Hohlfeld.....	810,942	Jan. 30	4770	992	120	1196
Hammock.....	W. S. Bowie.....	825,700	July 10	2124	443	123	565
Hammock.....	G. W. Carbaugh.....	838,078	Dec. 11	1608	346	125	1798
Hammock-chair.....	S. F. Calbeck and S. Alder.....	827,417	July 31	5609	1160	123	1477
Hammock-loop.....	H. L. Hohlfeld.....	811,922	Feb. 6	777	169	120	1647
Hammock-support.....	G. J. Nuessen.....	811,166	Jan. 30	5199	1086	120	1288
Hammock-support.....	J. M. Troselj.....	817,534	Apr. 10	1967	416	121	1846
Hammock-supporting frame.....	C. Knoernschild.....	816,340	Mar. 27	4798	1016	121	1200
Hammock suspension-support.....	F. E. Schmidt.....	819,932	May 8	1788	385	122	463
Hammock suspension-support.....	F. E. Schmidt.....	820,605	May 15	3200	688	122	833
Hammock. Swinging.....	M. N. Wertz.....	812,387	Feb. 13	1762	386	120	1925
Hammock-swinging device.....	W. A. Kress.....	820,212	May 8	2415	524	122	600
Hand and foot power.....	J. F. Deal.....	819,523	May 1	965	211	122	215
Hand. Artificial.....	A. Grogan.....	809,797	Jan. 9	2383	492-3	120	556
Hand-bag.....	J. D. Wood.....	818,729	Apr. 24	4368	935-6	121	2476
Hand-bag.....	A. Wighard.....	833,101	Oct. 9	2164	455	124	1775
Hand. Flexible.....	G. Doebrich.....	831,330	Sept. 18	2884	611	124	780
Hand for playing chords. Artificial.....	B. R. Amend.....	831,920	Sept. 25	4095	853	124	1128
Hand-press.....	J. Spengler.....	818,796	Apr. 24	4518	965	121	2509
Hand-protecting device.....	R. M. and F. E. Clark.....	824,174	June 26	3846	821	122	2730
Hand-wheel.....	H. J. Wiegand.....	821,272	May 22	4583	975	122	1198
Hand-wheel.....	F. A. Law.....	833,933	Oct. 23	3932	834	124	2305
Handeuff.....	F. E. Olcott.....	827,385	July 31	5503	1144	123	1452
Handkerchief.....	H. Sternberger.....	826,126	July 17	2938	609	123	779

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Handle:							
See Bag-handle.	Plane-handle.						
Brake-handle.	Sad-iron handle.						
Broom-handle.	Saw-handle.						
Can-handle.	Spade and similar handle.						
Carrying-handle.							
Casket-handle.	Stop-cock handle.						
Coffin-handle.	Strap handle.						
Dental-flask handle.	Switch-handle.						
Drop-handle.	Tool-handle.						
Extensible handle.	Vessel or receptacle handle.						
Fare-register handle.							
Firearm-handle.	Washboiler-handle.						
Hammer-handle.	Whiphandle.						
Pail-handle.							
Handle.....	C. Kopf.....	821,648	May 29	5347	1139	122	1422
Handle.....	C. H. Maschmeyer.....	822,970	June 12	1467	306	122	2095
Handle.....	O. Kampfe.....	831,228	Sept. 18	2667	561	124	723
Handle attachment.....	J. W. Gibbs.....	831,507	Sept. 18	3205	677	124	862
Handle-bar.....	B. Tulka.....	821,905	May 29	5852	1244	122	1536
Handle-grip.....	H. O. Clarke and J. W. Weeks.....	834,711	Oct. 30	5643	1197	124	2775
Handle or grip.....	C. L. Stockell.....	814,570	Mar. 6	1140	238	121	247
Handles for containers. Means for attaching.....	A. A. Morse.....	830,095	Sept. 4	373	75	124	91
Handling material. System of.....	H. W. Blaisdell.....	826,646	July 24	4016	832-3	123	1067
Handling material. System of.....	H. W. Blaisdell.....	833,293	Oct. 16	2582	540	124	1930
Hanger:							
See Brake-hanger.	Pipe-hanger.						
Brake-beam hanger.	Pulley-hanger.						
Cable-hanger.	Shade-hanger.						
Cable or wire hanger.	Shade and curtain hanger.						
Car-door hanger.							
Clothes-hanger.	Shaft-hanger.						
Clothing-hanger.	Shafter-hanger.						
Coat-hanger.	Shoe and slipper hanger.						
Curtain-hanger.							
Display-hanger.	Sifter and screen hanger.						
Door-hanger.							
Eaves-trough hanger.	Skirt-hanger.						
Electric-light hanger.	Smoke-bell hanger.						
Garment-hanger.	Strap hanger.						
Harness-hanger.	Suit-hanger.						
Hat-hanger.	Toy-hanger.						
Joist-hanger.	Trolley-hanger.						
Lady's hat-hanger.	Trolley-wire hanger.						
Light-hanger.	Trousers-hanger.						
Picture-hanger.	Type-bar hanger.						
Picture and curtain hanger.	Vehicle body-hanger.						
Picture-frame hanger.	Window-hanger.						
Hanger.....	J. H. Dousman.....	820,771	May 15	3513	754	122	903
Hanger.....	I. Stanley.....	825,773	July 10	2271	471	123	600
Hanger and retainer device.....	E. B. Colvan.....	836,866	Nov. 27	3924	838	125	1105
Hanger for garments and other articles.....	J. M. Walker.....	830,813	Sept. 11	1866	389	124	501
Harbor-cleansing apparatus.....	J. W. Parker.....	833,543	Oct. 16	3094	656-7	124	2053
Harbors. Cleansing.....	J. W. Parker.....	833,544	Oct. 16	3097	657-8	124	2054
Hardening. Method of.....	W. E. Nickerson.....	812,442	Feb. 13	1865	410-11	120	1946
Hardware. Device for fastening cabinet.....	C. S. Barnard.....	824,330	June 26	4141	886	122	2793
Hardware. Device for fastening cabinet.....	E. W. Bassick.....	824,333	June 26	4147	888	122	2794
Harmonica.....	H. Hohner.....	821,492	May 22	5041	1073	122	1299
Harmonica.....	E. Kohler.....	837,076	Nov. 27	4382	928	125	1214
Harness.....	G. E. Bennett.....	812,913	Feb. 20	2781	612	120	2181
Harness.....	J. J. Creedon.....	813,543	Feb. 27	4053	888	120	2517
Harness.....	C. C. King.....	818,260	Apr. 17	3422	734	121	2218
Harness.....	E. H. Yule.....	818,930	Apr. 24	4762	1023	121	2561
Harness.....	E. S. Dodge.....	822,831	June 5	1192	244	122	1989
Harness.....	H. H. Crawford.....	832,596	Oct. 9	1163	232-3	124	1535
Harness.....	J. S. McCants.....	834,156	Oct. 23	4539	962-3	124	2452
Harness.....	J. S. McCants.....	834,157	Oct. 23	4540	963	124	2452
Harness attachment.....	W. P. MacArthur.....	831,171	Sept. 18	2563	540	124	699
Harness attachment.....	I. McKnight.....	835,549	Nov. 13	1339	287	125	381
Harness-checking system.....	J. Curtain.....	814,835	Mar. 13	1682	352	121	426
Harness-fastener.....	T. Widdop.....	811,755	Feb. 6	407	89	120	1575
Harness for cavalry and other horses. Draft-harness-hanger.....	B. Kreith.....	832,391	Oct. 2	746	145	124	1392
Harness-hanger.....	J. A. Hammer.....	829,332	Aug. 21	3328	701	123	2564
Harness lining and pad and the like.....	E. M. Aulton.....	809,276	Jan. 9	1345	273	120	331
Harness-loop die.....	J. M. Orthlieb.....	825,932	July 17	2560	531	123	684
Harness-pad.....	W. L. Kellerman.....	809,449	Jan. 9	1711	353	120	409
Harness-pad.....	C. H. Grings.....	834,201	Oct. 23	4623	981-2	124	2472
Harness-peg attachment.....	E. D. Wallace.....	816,692	Apr. 3	294	68	121	1425
Harness protector-strap attachment.....	W. E. Barber.....	824,702	July 3	14	1	123	8
Harness-rack. Self-locking.....	N. Lofstam.....	819,233	May 1	401	85	122	95
Harness-rings. Wear-loop for.....	G. Perkins and J. F. Buyce.....	828,774	Aug. 14	2168	459	123	2239
Harness snap and slide.....	J. Reichert.....	809,745	Jan. 9	2288	473	120	536
Harness snap and slide. Combined.....	J. Reichert.....	809,924	Jan. 9	2623	541	120	610
Harness-snap-making machine.....	F. J. Nutting.....	834,842	Oct. 30	5916	1254-6	124	2843
Harness-support.....	O. M. Carleton.....	823,761	June 19	3069	650	122	2502
Harness-terret.....	G. W. Begole.....	821,604	May 29	5262	1122	122	1403
Harp.....	N. Kolby.....	812,209	Feb. 13	1407	306	120	1846
Harrow.....	G. A. Truckenbrod.....	809,150	Jan. 2	1044	216	120	229
Harrow.....	E. R. Miller.....	809,716	Jan. 9	2237	464	120	524
Harrow.....	A. C. Palmer.....	810,800	Jan. 23	4455	925	120	1094
Harrow.....	W. L. Oran.....	811,575	Feb. 6	82	16	120	1503
Harrow.....	W. H. Bond.....	813,852	Feb. 27	4659	1030	120	2647
Harrow.....	J. R. Jones.....	814,051	Mar. 6	104	19	121	24
Harrow.....	J. C. and F. G. Agey.....	815,894	Mar. 20	3885	821	121	951
Harrow.....	A. Friedemann.....	819,748	May 8	1413	304	122	376

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Harrow.....	N. C. Allen.....	820,279	May 8	2560	555-6	122	633
Harrow.....	J. W. Newton.....	820,727	May 15	3430	735	122	883
Harrow.....	I. B. Cushing.....	825,193	July 3	1000	211-12	123	261
Harrow.....	H. C. Simons.....	825,872	July 10	2445	510	123	642
Harrow.....	J. A. Coutts.....	826,230	July 17	3133	650-1	123	825
Harrow.....	A. M. Davis.....	826,712	July 24	4146	861	123	1100
Harrow.....	W. E. McCann.....	827,110	July 31	4937	1030	123	1309
Harrow.....	O. Tower.....	829,445	Aug. 28	3573	753	123	2669
Harrow.....	G. Metcalfe.....	831,885	Sept. 25	4030	839	124	1112
Harrow.....	J. M. Ulsh.....	832,223	Oct. 2	422	78	124	1315
Harrow.....	N. Kiner.....	832,325	Oct. 2	619	118-19	124	1361
Harrow.....	T. J. Thorp.....	832,350	Oct. 2	666	128	124	1372
Harrow.....	T. Henderson.....	834,300	Oct. 30	4842	1023	124	2572
Harrow.....	F. P. Bowman.....	835,879	Nov. 13	1958	415	125	533
Harrow.....	M. E. Campany.....	835,935	Nov. 13	2054	439	125	556
Harrow.....	P. Laursen.....	836,588	Nov. 20	3340	712	125	922
Harrow.....	J. C. Little.....	836,980	Nov. 27	4173	889	125	1162
Harrow.....	J. W. Willcutt.....	837,166	Nov. 27	4553	966	125	1255
Harrow.....	L. W. Fair.....	837,292	Dec. 4	39	12	125	1363
Harrow.....	S. B. Arthurs.....	838,836	Dec. 18	3082	665	125	2203
Harrow.....	A. Friedemann.....	838,974	Dec. 18	3316	717	125	2253
Harrow.....	A. Friedemann.....	838,975	Dec. 18	3318	717	125	2258
Harrow and cultivator. Combined.....	M. True.....	822,787	June 5	1098	227	122	1968
Harrow and cultivator. Combined.....	H. Smith.....	836,540	Nov. 20	3258	693	125	902
Harrow and weed-cutter. Combined rotary.....	C. W. Keen.....	835,537	Nov. 13	1318	282	125	376
Harrow attachment.....	W. R. Summers.....	823,144	June 12	1845	381	122	2177
Harrow attachment.....	B. M. Voorhees.....	828,988	Aug. 21	2597	547-8	123	2378
Harrow cleaner. Disk.....	A. C. Gaylord.....	831,505	Sept. 18	3201	676-7	124	861
Harrow-disk.....	L. E. Waterman.....	823,240	June 12	2067	430	122	2229
Harrow. Disk.....	L. E. Waterman.....	823,243	June 12	2070	431	122	2229
Harrow. Disk.....	W. C. King.....	831,789	Sept. 25	3804	796	124	1057
Harrow. Disk.....	G. F. Maiers.....	833,841	Oct. 23	3725	792-3	124	2252
Harrow-disk connection.....	J. M. Stewart.....	814,744	Mar. 13	1507	319	121	390
Harrow riding attachment.....	E. M. Noyer.....	828,959	Aug. 21	2531	536-7	123	2362
Harrow draft attachment. Disk.....	S. H. Garst.....	826,655	July 24	4034	836	123	1072
Harrow draft attachment. Sidehill.....	M. C. Machado.....	816,986	Apr. 3	887	183	121	1555
Harrow or cultivator. Adjustable.....	S. I. Merwin.....	835,970	Nov. 13	2111	453	125	569
Harrow. Riding.....	P. Fleming.....	816,449	Mar. 27	5022	1066	121	1247
Harrow riding attachment.....	S. R. Hill.....	815,531	Mar. 20	3118	651	121	787
Harrow riding attachment.....	L. E. Waterman.....	823,652	June 19	2883	610	122	2465
Harrow riding attachment.....	R. L. Nellis.....	829,930	Aug. 28	4614	971	122	2928
Harrow. Rotary.....	O. Smith.....	818,307	Apr. 17	3515	754	121	2238
Harrow. Rotary.....	C. J. Davis.....	823,933	June 19	3399	726	122	2517
Harrow. Rotary.....	G. E. Capen.....	839,110	Dec. 25	3626	783	125	2382
Harrow scraper. Disk.....	S. V. Kennedy and C. S. Sharp.....	827,375	July 31	5484	1140	123	1447
Harrow sulky attachment.....	M. W. Neuens.....	826,867	July 24	4439	923	123	1174
Harrow-tooth.....	J. M. Ulsh.....	811,753	Feb. 6	404	88	120	1574
Harrow-tooth fastener.....	L. E. Allen.....	817,150	Apr. 10	1187	245	121	1683
Harrow-tooth fastening.....	G. E. Blaine.....	829,906	Aug. 28	4545	959	123	2909
Harrow-tooth holder.....	A. G. Dunlop.....	823,324	June 12	2225	464	122	2262
Harvester.....	F. W. Schmidt.....	824,825	July 3	290	52-3	123	80
Harvester.....	F. Hamacheck.....	827,723	Aug. 7	50	11	123	1682
Harvester and husker. Corn.....	T. Gladish.....	812,736	Feb. 13	2436	534-5	120	2060
Harvester and husker. Corn.....	J. A. Stone.....	814,812	Mar. 13	1640	344	121	417
Harvester and husker. Corn.....	T. A. and J. G. Overby.....	832,410	Oct. 2	783	151-2	124	1401
Harvester and shocker. Corn.....	H. Larson.....	831,880	Sept. 25	4017	836	124	1109
Harvester and thresher. Combined.....	N. W. and A. C. Thompson.....	837,149	Nov. 27	4525	959-60	125	1249
Harvester attachment. Corn.....	H. Moening.....	816,874	Apr. 3	650	134	121	1503
Harvester. Bean.....	C. Ruehle.....	809,751	Jan. 9	2296	475-6	120	537
Harvester. Beet.....	C. L. Jolly.....	809,694	Jan. 9	2197	455	120	515
Harvester. Beet.....	T. J. Sullivan.....	814,747	Mar. 13	1510	320	121	391
Harvester. Beet.....	J. W. Arthur.....	815,325	Mar. 20	2704	563-4	121	695
Harvester. Beet.....	L. Stimart.....	819,029	Apr. 24	4953	1063	121	2603
Harvester. Beet.....	N. B. and W. A. Sebring.....	824,211	June 26	3927	841	122	2748
Harvester-binders. Shocking attachment for.....	J. Calder.....	810,186	Jan. 16	3170	657-9	120	776
Harvester. Broom-corn.....	J. E. Larson.....	833,064	Oct. 9	2095	440-1	124	1758
Harvester bundle-carriers. Automatic trip mechanism for.....	T. Thompson.....	838,668	Dec. 18	2778	595-6	125	2129
Harvester. Cane.....	A. O. Pessou.....	820,730	May 15	3434	735-6	122	883
Harvester. Cane.....	A. Durieu, Jr.....	829,328	Aug. 21	3319	698-9	123	2562
Harvester. Corn.....	D. E. Anthony.....	810,693	Jan. 23	4246	879-80	120	1049
Harvester. Corn.....	J. F. Leeper.....	812,215	Feb. 13	1420	309	120	1849
Harvester. Corn.....	D. T. Lowe.....	812,575	Feb. 13	2138	468-9	120	2002
Harvester. Corn.....	M. D. Hatch.....	815,530	Mar. 20	3114	650-1	121	786
Harvester. Corn.....	W. E. Koch.....	823,880	June 19	3297	700	122	2555
Harvester. Corn.....	J. M. Williams.....	833,190	Oct. 16	2362	494-5	124	1873
Harvester. Corn.....	I. J. Ball.....	834,245	Oct. 30	4731	1002	124	2543
Harvester. Cotton.....	J. E. Goodhue.....	839,472	Dec. 25	4353	931	125	2566
Harvester. Cotton.....	T. H. Price and W. P. Quentell.....	817,666	Apr. 10	2199	469	121	1895
Harvester. Cotton.....	T. H. Price and W. P. Quentell.....	817,667	Apr. 10	2201	470	121	1896
Harvester. Cotton.....	A. G. M. Combee.....	823,034	June 12	1610	333	122	2129
Harvester cutting apparatus.....	W. R. Clarkson.....	834,969	Nov. 6	168	34	125	46
Harvester grain-lifting attachment.....	C. Hildenbrand.....	829,714	Aug. 28	4153	878	123	2812
Harvester. Pea.....	H. M. Chisholm.....	832,957	Oct. 9	1891	393	124	1707
Harvester platform adjustment.....	S. K. Dennis and F. W. Rice.....	829,101	Aug. 21	2832	595	123	2442
Harvester platform-adjusting means. Seed.....	T. J. Campbell.....	813,349	Feb. 20	3652	800-1	120	2368
Harvester. Potato.....	J. P. Brennan.....	829,384	Aug. 28	3438	723	123	2636
Harvester. Potato.....	J. H. Pennuck.....	830,362	Sept. 4	929	193-4	124	229
Harvester. Potato.....	A. F. Clarke.....	833,705	Oct. 16	3421	729	124	2129
Harvester-reel.....	J. Pearce.....	809,216	Jan. 2	1170	242	120	257
Harvester-reel.....	G. A. Paddock.....	820,667	May 15	3313	711	122	857
Harvester-reel-adjusting mechanism.....	S. K. Dennis and F. W. Rice.....	829,061	Aug. 21	2752	578	123	2419
Harvester-reel-supporting mechanism.....	E. A. Johnston.....	829,016	Aug. 21	2652	559	123	2390
Harvester-reel-supporting mechanism.....	C. Pearson.....	836,205	Nov. 20	2589	545	125	739
Harvester. Seed.....	T. J. Campbell.....	811,694	Feb. 6	317	68-9	120	1556
Harvester. Self-binding.....	A. N. Wiens.....	820,276	May 8	2544	551	122	630

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Harvester topping attachment.	L. J. Knox.	815,437	Mar. 20	2951	612-13	121	751
Harvesters and the like. Delivery mechanism for beet-	M. Goodfellow.	833,456	Oct. 16	2929	621-2	124	2014
Harvesters. Boll opening and cleaning mechanism for cotton-	W. M. Berry and W. G. Baumgardner.	827,604	July 31	6019	1252-3	123	1577
Harvesters. Conveyer-belt tightener for.	L. B. Blevins.	832,361	Oct. 2	685	132	124	1377
Harvesters. Corn-shock carrying and dumping attachment for	R. C. Storek.	829,301	Aug. 21	3261	687	123	2546
Harvesters. Grain-divider attachment for	C. A. A. Rand.	819,797	May 8	1529	324	122	404
Harvesters, &c. Guard-finger for	F. Hamachek.	817,425	Apr. 10	1746	367	121	1800
Harvesters. Revolving disk sickle for corn-	R. Allen.	833,016	Oct. 9	1992	417	124	1732
Harvesting and husking machine. Corn.	D. F. Churchill.	838,240	Dec. 11	1944	416-17	125	1881
Harvesting machine. Beet.	C. L. Winterburn.	816,633	Apr. 3	178	38-9	121	1401
Harvesting machine. Beet.	G. F. Conner.	823,583	June 19	2744	581	122	2432
Harvesting machine. Corn.	C. E. Storm.	817,200	Apr. 10	1300	271	121	1707
Harvesting machine. Corn.	W. H. Tilson.	833,986	Oct. 23	4147	880-1	124	2352
Harvesting machine. Corn.	W. Smolley.	834,767	Oct. 30	5767	1224-5	124	2805
Harvesting machine. Cotton.	N. Bowditch.	827,288	July 31	5315	1101-2	123	1405
Harvesting machine. Cotton.	J. F. Appleby.	828,264	Aug. 7	1113	235-6	123	1942
Harvesting machine. Pea.	W. A. Johnson.	815,711	Mar. 20	3480	728	121	867
Harvesting-machines, &c. Conveying or forwarding mechanism for	D. Cave.	834,046	Oct. 23	4284	909	124	2386
Harvesting-machines. Grain-lifting attachment for.	E. B. Deatley.	833,310	Oct. 16	2620	549	124	1941
Hasp.	J. C. Griffin.	818,685	Apr. 24	4276	918	121	2456
Hasp.	J. P. Reily.	828,828	Aug. 14	2262	481	123	2264
Hasp and hook. Combined.	T. E. Creclius.	822,189	May 29	6402	1359	122	1660
Hasp-fastener.	J. H. Lawrence.	812,348	Feb. 13	1683	370	120	1909
Hasp-fastener.	S. J. McClung.	824,260	June 26	4021	861	122	2768
Hasp-fastener.	F. Vsetecka.	831,122	Sept. 18	2483	524	124	680
Hasp-fastener.	A. B. Hackman.	836,968	Nov. 27	4146	885	125	1157
Hasp-lock.	J. A. Loftin.	821,657	May 29	5367	1144	122	1426
Hasp-lock.	C. G. Shepherd.	826,197	July 17	3071	636	123	811
Hasp-lock.	C. J. Streams.	834,591	Oct. 30	5390	1144	124	2709
Hat.	G. D. Lorsch.	812,659	Feb. 13	2290	498	120	2030
Hat.	J. Taylor.	818,314	Apr. 17	3526	756	121	2240
Hat.	J. Banks.	824,274	June 26	4040	865	122	2772
Hat.	I. J. Glerum.	834,900	Nov. 6	47	9	125	14
Hat and cap. Collapsible.	W. H. Smith.	836,899	Nov. 27	3993	852	125	1123
Hat and coat hook.	C. C. Riefsnyder.	833,697	Oct. 16	3405	725	124	2125
Hat and coat rack.	A. W. Good.	811,711	Feb. 6	336	74	120	1561
Hat and coat rack.	W. C. Yutzzy and B. E. Hyet.	827,280	July 31	5300	1099	123	1402
Hat and coat rack.	H. S. Mills.	827,551	July 31	5931	1229	123	1556
Hat and coat rack.	F. H. George.	839,749	Dec. 25	4922	1052	125	2699
Hat. Bathing.	F. E. Herndon.	809,947	Jan. 16	2680	553	120	674
Hat blocking and shaping machine.	C. Eickemeyer.	815,149	Mar. 13	2308	482-3	121	559
Hat-blocking machine.	C. Eickemeyer.	821,284	May 22	4605	981-2	122	1203
Hat-brim.	R. A. Thratt.	819,324	May 1	587	124	122	136
Hat-brim flange and center block or frame therefor.	F. L. Butterworth.	818,610	Apr. 24	4133	888	121	2425
Hat-brim-ironing machine.	W. J. McGall and J. G. Crowell.	826,347	July 17	3349	693	123	879
Hat-crown protector.	M. Oldort.	813,019	Feb. 20	2994	659	120	2228
Hat-fastener.	J. C. Morrison.	808,674	Jan. 2	99	23	120	24
Hat-fastener.	S. M. Johnstone.	814,451	Mar. 6	914	188	121	199
Hat-fastener.	H. I. Clark.	815,265	Mar. 13	2534	532	121	611
Hat-fastener.	H. Siedentop.	816,609	Apr. 3	139	29	121	1391
Hat-fastener.	R. Willis.	818,988	Apr. 24	4873	1047	121	2585
Hat-fastener.	J. C. Morrison.	822,540	June 5	602	121	122	1859
Hat-fastener.	J. M. Boyle.	829,835	Aug. 28	4403	929	123	2875
Hat-fastener.	R. J. Butler and E. Glennon.	834,559	Oct. 30	5322	1130	124	2694
Hat-fastener.	J. J. Duket.	836,183	Nov. 20	2541	534	125	728
Hat-fastening.	B. Lesser.	813,902	Feb. 27	4755	1050	120	2668
Hat-fastening.	S. F. Egan.	823,518	June 19	2622	551	122	2406
Hat-fastening device.	E. Duplessis.	811,043	Jan. 30	4950	1034	120	1237
Hat-frame former.	G. W. Price.	823,696	June 19	2957	625-6	122	2479
Hat-frame-forming device.	E. A. Howe.	829,920	Aug. 28	4587	966-7	123	2920
Hat-frame-forming device. Wire.	L. Friedenberg.	830,218	Sept. 4	646	130	124	164
Hat-frame-making machine.	W. Stoll.	814,992	Mar. 13	1972	415	121	484
Hat-frames. Adjustable form for making wire.	J. S. Buckman.	833,197	Oct. 16	2381	498-9	124	1878
Hat-guard.	C. E. Keator.	815,714	Mar. 20	3486	729	121	868
Hat-guard and tag-holder.	B. A. Garlinghouse.	822,266	June 5	81	16	122	1746
Hat-hanger.	P. F. Denning.	818,421	Apr. 24	3737	803	121	2339
Hat-hanger.	M. W. Potter.	818,849	Apr. 24	4616	990	121	2529
Hat-hanger.	C. F. Pettingell.	831,985	Sept. 25	4210	879	124	1157
Hat-hanger. Lady's.	C. B. Hotchkiss.	822,277	June 5	105	21	122	1751
Hat-holder.	C. I. Adams and C. O. Clark.	815,893	Mar. 20	3884	821	121	951
Hat-holder.	W. W. Pickens.	831,627	Sept. 25	3470	729	124	965
Hat-holder.	H. E. Feldman.	831,849	Sept. 25	3927	821	124	1086
Hat-holder for ladies' dressing-cases.	S. I. Norton.	814,313	Mar. 6	625	128	121	136
Hat. Lady's automobile.	H. A. Saks.	811,178	Jan. 30	5224	1092	120	1293
Hat-machine.	C. P. Wildenberg.	822,797	June 5	1112	231	122	1972
Hat or garment holder.	B. Kreuzberger.	816,238	Mar. 27	4566	972	121	1151
Hat-pin.	E. S. Condra.	814,833	Mar. 13	1680	351	121	426
Hat-pin.	T. E. White.	818,323	Apr. 17	3544	759	121	2244
Hat-pin.	A. Woodward.	818,507	Apr. 24	3905	840	121	2375
Hat-pin.	E. Rating.	818,788	Apr. 24	4497	962	121	2504
Hat-pin.	E. H. Surridge.	831,902	Sept. 25	4061	846	124	1120
Hat-press.	H. S. Blake.	829,759	Aug. 28	4235	897	123	2833
Hat-retaining device.	F. Crimi.	833,585	Oct. 16	3189	677	124	2077
Hat-size-reducing device.	R. H. and H. D. Curtis.	833,587	Oct. 16	3192	677	124	2077
Hat sizing, hardening, and starting machine.	W. H. Behrens.	823,153	June 12	1861	384-5	122	2181
Hat-sizing machine.	W. H. Lyons.	813,656	Feb. 27	4270	938-9	120	2562
Hat-stand. Trimming and display.	M. Gee.	827,007	July 24	4697	979	123	1236
Hat-stretcher.	E. W. Sharbaugh.	814,628	Mar. 6	1251	263	121	271
Hat-supporter.	J. J. Cannan.	838,238	Dec. 11	1940	415	125	1880
Hat sweat-leather.	F. Rosenstein and W. S. Woolf.	833,339	Oct. 16	2673	562	124	1954
Hat sweat-pad.	F. H. King.	831,444	Sept. 18	3093	655	124	832
Hat-tip-rubbing machine.	W. H. Lum.	811,309	Jan. 30	5479	1142	120	1349
Hat-ventilator.	J. W. Webb.	829,818	Aug. 28	4370	923	123	2867

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Hats. Paper-clip for.....	W. H. Holston.....	818,380	Apr. 17	3651	784	121	2266
Hatband-clasp.....	E. A. Burt and H. Harris.....	811,126	Jan. 30	5096	1066	120	1266
Hatchet.....	K. K. Kihlmark.....	838,865	Dec. 18	3139	676	125	2218
Hatchet brace and fastener. Combined.....	S. P. Rush.....	832,624	Oct. 9	1227	247	124	1549
Hatchet. Shingling.....	R. B. Allison.....	810,597	Jan. 23	4076	840	120	1010
Hatchet. Shingling.....	W. V. Brown.....	812,403	Feb. 13	1799	394	120	1931
Hatchway-cover. Sectional.....	E. H. Frey.....	834,287	Oct. 30	4817	1019	124	2566
Hatchway cover. Ship's.....	H. Burrell.....	810,185	Jan. 16	3168	656-7	120	776
Haulage system.....	E. Edge.....	810,731	Jan. 23	4317	897	120	1065
Hauling loose materials. Apparatus for.....	B. Leinweber.....	831,448	Sept. 18	3097	656	124	833
Hawse-pipe cover and anchor-clamp.....	W. J. Tomlin.....	838,286	Dec. 11	2042	440	125	1904
Hawser.....	C. W. H. Mühlschephan, Jr.....	825,748	July 10	2225	463	123	588
Hay and manure gatherer and loader.....	J. Peterson.....	808,678	Jan. 2	106	24-5	120	25
Hay and stock rack.....	D. M. Cox.....	816,561	Apr. 3	15	4-5	121	1357
Hay and straw puller.....	S. Ray.....	819,798	May 8	1530	325	122	405
Hay-cap retainer.....	G. M. Depew.....	821,862	May 29	5767	1228	122	1516
Hay-carrier.....	P. A. Myers.....	810,498	Jan. 23	3879	796-7	120	969
Hay-carrier.....	R. Miller.....	811,572	Feb. 6	74	15	120	1501
Hay-carrier.....	F. M. Yentzer.....	816,698	Apr. 3	304	71	121	1428
Hay-carrier.....	H. L. Ferris.....	826,095	July 17	2883	597-8	123	767
Hay-carrier.....	W. F. Jacobs.....	826,856	July 24	4415	919-20	123	1168
Hay-carrier.....	W. Loudon.....	827,928	Aug. 7	465	95	123	1787
Hay-carrier.....	H. L. Ferris.....	835,185	Nov. 6	623	126-7	125	158
Hay-carrier.....	H. L. Ferris.....	835,186	Nov. 6	624	127-8	125	158
Hay-carrier.....	L. Willour.....	835,653	Nov. 13	1545	330-1	125	433
Hay-carrier.....	W. Gutenkunst.....	839,287	Dec. 25	3983	855	125	2469
Hay-elevator.....	D. E. Rowland and P. Bacher.....	809,984	Jan. 16	2751	565-6	120	689
Hay elevator and conveyer.....	A. Mellquist and O. A. Westerson.....	812,060	Feb. 6	1055	230	120	1704
Hay-fork.....	A. Anderson and W. E. Palmer.....	811,266	Jan. 30	5399	1126	120	1332
Hay-fork.....	E. Froman and C. S. Edick.....	819,535	May 1	986	216	122	221
Hay-fork. Tilting.....	H. O. Sparks.....	810,985	Jan. 30	4849	1009	120	1213
Hay from corn and other stalks. Machine for making.....	C. H. Trask.....	816,763	Apr. 3	417	94-5	121	1450
Hay gatherer and loader.....	J. A. Bernhardt.....	830,292	Sept. 4	796	163	124	200
Hay-handling mechanism.....	M. H. Madsen.....	826,043	July 17	2769	574	123	739
Hay-knife.....	T. Spriggs.....	836,541	Nov. 20	3259	694	125	902
Hay-loader.....	S. M. Wixcel.....	809,598	Jan. 9	2006	416-18	120	472
Hay-loader.....	J. W. Latimer.....	812,213	Feb. 13	1414	307-9	120	1848
Hay-loader.....	E. A. Johnston.....	812,793	Feb. 13	2543	507	120	2083
Hay-loader.....	S. V. Plice.....	813,581	Feb. 27	4128	905	120	2533
Hay-loader.....	D. K. Swift.....	818,057	Apr. 17	3003	648-9	121	2128
Hay-loader.....	E. A. Johnston.....	828,552	Aug. 14	1741	366	123	2131
Hay-loader.....	J. E. Dowden.....	830,139	Sept. 4	479	96-7	124	121
Hay-loader.....	H. O. Culver. (Reissue).....	12,564	Nov. 20	3496	745	125	957
Hay-loader.....	W. C. Trussell.....	839,233	Dec. 25	3878	833-4	125	2444
Hay-loader.....	M. A. Miller.....	839,497	Dec. 25	4411	941	125	2574
Hay-net.....	M. H. Allwardt.....	812,252	Feb. 13	1493	326-7	120	1865
Hay or straw in mows. Device for unloading and distributing.....	W. P. Allen.....	825,571	July 10	1824	387-8	123	487
Hay-press.....	T. R. Hackworth.....	810,275	Jan. 16	3375	699	120	820
Hay-press.....	A. Lorenz.....	813,013	Feb. 20	2981	656	120	2225
Hay-press.....	W. E. Fisher.....	815,083	Mar. 13	2161	455-6	121	526
Hay-press.....	J. M. and E. C. Holderfield.....	819,546	May 1	1004	220	122	226
Hay-press.....	C. E. Davis.....	822,511	June 5	555	112	122	1848
Hay-press.....	E. W. Kelsey.....	825,132	July 3	879	185-6	123	232
Hay-press.....	W. C. Bradley.....	827,956	Aug. 7	526	108-9	123	1803
Hay-press.....	W. W. Stewart.....	835,043	Nov. 6	331	71	125	85
Hay-press.....	H. M. Tallman. (Reissue).....	12,559	Nov. 13	2299	488	125	617
Hay-press.....	E. Doré.....	838,012	Dec. 11	1451	314	125	1758
Hay-press attachment.....	S. H. Christopher.....	830,881	Sept. 11	1983	417	124	531
Hay-press feeder.....	E. J. Richmond.....	832,811	Oct. 9	1601	329	124	1636
Hay-press head-block.....	E. E. Drake.....	813,409	Feb. 27	3781	830	120	2453
Hay-press power.....	W. S. Bryant.....	808,633	Jan. 2	27	6	120	8
Hay-rack.....	A. E. Cranston.....	817,626	Apr. 10	2134	452	121	1881
Hay-rack.....	J. Dain.....	818,524	Apr. 24	3946	850	121	2383
Hay-rack.....	E. Neville.....	820,435	May 15	2860	623	122	757
Hay-rack.....	C. J. Larson.....	823,056	June 12	1656	343	122	2137
Hay-rack.....	J. W. Latimer.....	829,076	Aug. 21	2778	584-5	123	2426
Hay-rack and brake. Combined wagon.....	S. F. Hughes.....	838,715	Dec. 18	2855	614-15	125	2148
Hay-rack brake attachment.....	A. J. Baxter.....	832,007	Sept. 25	4247	887	124	1167
Hay-racks or the like from or to their running-gear. Device for removing or replacing.....	G. P. Finch.....	808,913	Jan. 2	580	128	120	127
Hay-rake.....	H. R. Ingledue.....	818,451	Apr. 24	3790	814	121	2351
Hay-rake.....	E. A. Johnston.....	828,119	Aug. 7	862	177	123	1883
Hay-rake.....	H. F. Rodemeyer.....	828,571	Aug. 14	1778	375	123	2141
Hay-rake.....	C. Pearson.....	836,138	Nov. 20	2454	516	125	708
Hay-rake.....	C. Pearson.....	836,206	Nov. 20	2591	546	125	740
Hay rake and loader.....	J. N. Davison.....	833,309	Oct. 16	2617	548-9	124	1940
Hay rake and loader. Side-delivery.....	M. Rew.....	811,745	Feb. 6	390	85	120	1571
Hay rake and stacker.....	O. B. Mann.....	816,346	Mar. 27	4810	1019-20	121	1203
Hay-rake attachment.....	J. H. Sutherland.....	812,897	Feb. 20	2745	604	120	2173
Hay-rake. Horse.....	L. E. Waterman.....	828,692	Aug. 14	2007	424	123	2199
Hay-rake. Push or sweep.....	D. F. Anderson.....	836,171	Nov. 20	2522	530	125	723
Hay-ricker.....	H. B. Zimmerman.....	830,035	Sept. 4	249	50	124	61
Hay-sewing machine.....	W. Diekmann.....	834,369	Oct. 30	4973	1053-4	124	2605
Hay sling or net.....	F. W. Simpson.....	835,038	Nov. 6	323	69	125	83
Hay-tedder.....	H. B. Sperry.....	814,244	Mar. 6	473	98	121	102
Hay-tedder.....	O. B. Reynolds.....	838,212	Dec. 11	1887	404-5	125	1869
Head and back rest. Adjustable.....	W. H. Carr.....	814,272	Mar. 6	531	110	121	114
Head and back rest. Adjustable.....	W. H. Carr.....	836,961	Nov. 27	4138	883	125	1154
Head and nape covering.....	J. Rochet.....	822,986	June 12	1500	312	122	2105
Head and signal light. Locomotive.....	D. Burnfield.....	823,392	June 12	2336	490	122	2284
Head-block.....	H. C. Linsley.....	808,665	Jan. 2	85	19	120	21
Head-coupling. Separable.....	W. Prellwitz.....	810,671	Jan. 23	4210	871	120	1041
Head-gate.....	U. F. McBurney.....	828,233	Aug. 7	1064	224	123	1930
Head-gate.....	G. W. Durbrow.....	832,245	Oct. 2	469	86-7	124	1326
Head-gates. Adjustable opening-stop for.....	C. D. Butchart.....	830,411	Sept. 4	1036	216	124	256

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drk.	Vol.	Page.
Head-motion.....	A. Guionneau.....	838,982	Dec. 18	3328	720	125	2260
Head-rest.....	S. Kline.....	823,792	June 19	3135	665	122	2518
Head-rest.....	A. J. Head and J. Mackey.....	830,149	Sept. 4	495	101	124	125
Head-rest.....	F. De Fontes.....	830,826	Sept. 11	1890	395	124	507
Head-rest.....	R. F. Truslow.....	833,987	Oct. 23	4153	881	124	2353
Head-rest.....	A. W. Browne.....	838,299	Dec. 11	2060	444-5	125	1908
Header connection.....	J. P. Sneddon.....	813,245	Feb. 20	3439	753	120	2323
Heading-machine.....	E. C. Meyer.....	809,520	Jan. 9	1844	381-3	120	439
Headlight.....	F. Buchanan.....	830,767	Sept. 11	1786	368-9	124	480
Headlight.....	W. H. Forker.....	834,668	Oct. 30	5554	1179	124	2752
Headlight, Adjustable.....	F. C. Lyon.....	821,047	May 22	4148	882	122	1102
Headlight-casing.....	M. A. Ross.....	832,924	Oct. 9	1828	378	124	1691
Headlight-casing, Locomotive.....	E. A. Edwards.....	814,030	Mar. 6	69	13	121	17
Headlight-cover.....	H. M. Davenport.....	812,982	Feb. 20	2921	644	120	2212
Headlight, Locomotive.....	E. A. Edwards.....	812,192	Feb. 13	1376	299	120	1839
Headlight, Locomotive.....	E. C. Sawyer.....	827,943	Aug. 7	495	102	123	1794
Headlight-operating device.....	G. B. Gardner and F. M. Furber.....	827,969	Aug. 7	553	113	123	1809
Headlight, Railway car and locomotive.....	A. Walter.....	816,139	Mar. 27	4385	927	121	1113
Headlight screen attachment.....	F. Buchanan.....	830,768	Sept. 11	1789	369	124	481
Headlights of locomotives, Operating.....	W. H. Donaldson.....	813,692	Feb. 27	4337	954	120	2577
Headstone and grave-marker.....	A. H. Howard.....	809,616	Jan. 9	2042	424	120	480
Headwear.....	F. and A. Taylor.....	813,467	Feb. 27	3901	855	120	2480
Headwear.....	O. D. Shaw.....	814,089	Mar. 6	178	35	121	39
Headwear.....	J. U. Adams.....	823,314	June 12	2208	460	122	2258
Heat and smoke deflector.....	J. F. Troeger.....	834,774	Oct. 30	5778	1227	124	2808
Heat and smudge, Production of.....	G. Griffiths.....	814,646	Mar. 6	1284	270	121	277
Heat, Apparatus for treating substances by the aid of.....	W. B. Dennis.....	833,680	Oct. 16	3367	716-17	124	2118
Heat-applying device.....	W. J. O'Donnell.....	815,208	Mar. 13	2437	508	121	591
Heat-cartridge and protective apparatus, Self-soldering.....	F. B. Cook.....	812,980	Feb. 20	2917	643	120	2211
Heat-coil.....	F. B. Cook.....	817,160	Apr. 10	1209	251	121	1688
Heat-conserving apparatus.....	H. Lang.....	818,541	Apr. 24	3990	856	121	2392
Heat-controlling apparatus.....	G. Clements and J. M. Hostler.....	811,483	Jan. 30	5784	1211	120	1413
Heat, Device for effecting the radiation of.....	S. W. Zent.....	826,008	July 17	2710	560	123	725
Heat-exchanging apparatus.....	C. Thery and E. Maslin.....	837,146	Nov. 27	4521	958	125	1248
Heat into work, Converting.....	H. L. Doherty.....	834,006	Oct. 23	4201	891-2	124	2365
Heat-multiplying apparatus.....	U. S. Alz.....	826,080	July 17	2853	592	123	760
Heat-non-conducting material.....	G. H. Müller and E. Jarek.....	810,342	Jan. 16	3512	724	120	850
Heat-radiating pin.....	H. A. Knox.....	827,732	Aug. 7	72	14	123	1688
Heat-regulating device.....	A. Johnston.....	824,723	July 3	51	9-10	123	17
Heat-resisting fabric.....	G. F. Cole.....	818,415	Apr. 24	3725	800	121	2337
Heat-retaining receptacle.....	G. W. Tallman.....	825,012	July 3	668	134	123	175
Heat-storing compound.....	F. O. Spieske.....	811,750	Feb. 6	399	-----	120	1574
Heat-transferring apparatus.....	H. H. Tracy.....	839,082	Dec. 18	3534	764	125	2315
Heat, Treating substances by the aid of.....	W. B. Dennis.....	833,679	Oct. 16	3357	715-16	124	2117
Heater:							
See Barrel-heater.....	Incubator-heater.....						
Bottle-heater.....	Iron-heater.....						
Brooder-heater.....	Lamp-heater.....						
Car-heater.....	Liquid-heater.....						
Current-heater.....	Sad-iron heater.....						
Electric heater.....	Steam-heater.....						
Electrical heater.....	Submerged heater.....						
Feed-water heater.....	Tank-heater.....						
Gas-heater.....	Tire-heater.....						
Grain-heater.....	Vehicle-heater.....						
Hot-air heater.....	Water-heater.....						
Hot-water heater.....							
Heater.....	J. L. Klemme.....	809,507	Jan. 9	1824	376	120	435
Heater.....	J. Silverberg.....	809,992	Jan. 16	2765	569	120	692
Heater.....	A. W. Banks.....	810,607	Jan. 23	4101	844-5	120	1016
Heater.....	W. H. and W. G. Calhoun.....	811,199	Jan. 30	5270	1103	120	1304
Heater.....	W. H. Brown.....	811,273	Jan. 30	5412	1129	120	1335
Heater.....	W. H. Ramaley and W. E. Lamer-ton.....	811,325	Jan. 30	5511	1149	120	1356
Heater.....	A. O'Hare and C. B. Weston.....	812,869	Feb. 20	2699	595	120	2164
Heater.....	J. Magee.....	814,224	Mar. 6	432	89	121	93
Heater.....	E. E. Gold.....	815,695	Mar. 20	3447	720	121	860
Heater.....	J. J. Engel.....	817,757	Apr. 17	2382	511	121	1991
Heater.....	H. H. Brandes.....	817,900	Apr. 17	2706	587	121	2063
Heater.....	J. D. Erskine.....	818,085	Apr. 17	3059	660	121	2140
Heater.....	A. von Chigor.....	820,096	May 8	2199	479	122	553
Heater.....	S. D. Watson.....	821,269	May 22	4576	973	122	1196
Heater.....	A. P. Hopley.....	822,607	June 5	759	154	122	1895
Heater.....	W. L. Painter.....	825,003	July 3	649	130-1	123	170
Heater.....	A. W. Banks.....	826,705	July 24	4131	857	123	1097
Heater.....	F. E. Stilwell.....	826,907	July 24	4525	941	123	1195
Heater.....	A. M. Loudon and F. L. Hogg.....	827,379	July 31	5190	1141	123	1448
Heater.....	O. N. Anderson.....	828,702	Aug. 14	2023	427	123	2202
Heater.....	R. H. Bradley.....	828,874	Aug. 21	2368	503	123	2320
Heater.....	P. Manfred.....	829,984	Sept. 4	143	23	124	35
Heater.....	J. W. Mellott.....	830,244	Sept. 4	693	138	124	176
Heater.....	L. O. Cameron.....	837,663	Dec. 4	773	176	125	1545
Heater and duplex burner.....	C. R. Harris.....	810,426	May 1	791	170	122	179
Heater and folding furniture, Combined.....	W. C. James.....	813,383	Feb. 20	3718	818	120	2381
Heater attachment.....	J. Magee.....	826,676	July 24	4074	845	123	1083
Heaters, Piping system for.....	W. P. Hussey.....	831,612	Sept. 25	3440	722	124	958
Heating and illuminating device, Combined.....	S. S. St. Hoor.....	811,591	Feb. 6	112	24	120	1510
Heating and mixing materials, Transportable apparatus for.....	M. Rózsa.....	834,851	Oct. 30	5936	1260-1	124	2848
Heating and ventilating flue-block.....	F. Jordan.....	829,588	Aug. 28	3889	824	123	2750
Heating and ventilating system.....	W. R. McKeen, Jr.....	817,658	Apr. 10	2185	464-5	121	1892
Heating and ventilating system.....	J. Nash.....	834,927	Nov. 6	100	19-20	125	28
Heating apparatus.....	W. S. Washburn.....	809,154	Jan. 2	1049	217-18	120	230
Heating apparatus.....	O. S. McCurdy.....	809,207	Jan. 2	1150	239	120	253

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr.g.	Vol.	Page.
Heating apparatus.	W. G. Jones and J. W. Johnson.	815,839	Mar. 20	3780	797	121	928
Heating apparatus.	C. F. Jenkins.	817,173	Apr. 10	1234	254	121	1693
Heating apparatus.	J. F. and F. O. Adams.	821,971	May 29	5981	1274-5	122	1563
Heating apparatus.	W. Kane.	823,686	June 19	2940	621	122	2476
Heating apparatus.	T. Fihelly.	830,981	Sept. 11	2171	458-9	124	575
Heating apparatus.	S. A. Shuter.	835,477	Nov. 6	1193	257-8	125	300
Heating apparatus.	J. H. Koons.	835,954	Nov. 13	2089	446	125	564
Heating apparatus. Gas-	V. W. Blanchard.	834,228	Oct. 23	4673	990	124	2484
Heating apparatus. Hot-water.	W. H. Beames and H. Walton.	809,164	Jan. 2	1065	221-2	120	233
Heating apparatus. Hot-water.	T. H. Jane.	817,555	Apr. 17	2592	559	121	2038
Heating apparatus. Hot-water.	J. F. McElroy.	831,735	Sept. 25	3707	776	124	1032
Heating apparatus. Low-pressure steam-	F. Kaefele.	832,737	Oct. 9	1444	291	124	1600
Heating-apparatus-regulating device.	W. H. Kirnan.	817,783	Apr. 17	2450	523-4	121	2006
Heating apparatus. Steam.	L. M. Nesbit.	827,173	July 31	5107	1062	123	1356
Heating apparatus. Steam.	L. M. La Barr.	836,770	Nov. 27	3743	799	125	1057
Heating-burner.	J. Roy.	832,879	Oct. 9	1747	360	124	1673
Heating by steam.	F. A. Simonds.	811,670	Feb. 6	266	58	120	1543
Heating-coil. Film-evaporating.	C. Ordway.	837,582	Dec. 4	602	140	125	1504
Heating device.	F. M. Vogel.	839,343	Dec. 25	4086	878	125	2495
Heating device. Chemical.	W. Espenhayn and P. O. Hunger.	827,222	July 31	5192	1078	123	1378
Heating device. Collapsible.	J. G. Newcomb.	819,916	May 8	1750	377	122	455
Heating device. Electric.	I. Grettum and O. L. Young.	824,643	June 26	4788	1020	122	2632
Heating device. Structure.	D. W. Krellwitz.	838,550	Dec. 18	2547	551	125	2073
Heating fluids mechanically.	F. J. Gilroy.	823,856	June 19	3257	690	122	2546
Heating-furnace.	C. N. Brett.	815,140	Mar. 13	2290	478-9	121	555
Heating-furnace.	D. S. Richardson.	820,130	May 8	2261	492	122	567
Heating-furnace.	J. F. and F. O. Adams.	821,972	May 29	5983	1275	122	1563
Heating-furnace. Continuous.	W. R. Miller.	815,198	Mar. 13	2422	505	121	588
Heating-furnace. Hot-water.	S. Lindner and M. G. Roberts.	816,927	Apr. 3	760	157	121	1527
Heating-furnace. Rotary.	J. McGaff.	827,813	Aug. 7	250	50	123	1733
Heating or cooling apparatus. Surface.	G. F. Jarvis.	817,490	Apr. 10	1880	396-7	121	1828
Heating-pad. Electric.	L. W. Shellhamer.	836,282	Nov. 20	2752	585	125	783
Heating plants. Circulation device for hot-water.	H. V. Jørgensen and C. H. Sørensen.	834,735	Oct. 30	5679	1205	124	2784
Heating power of combustibles. Determining the.	H. Junkers.	832,611	Oct. 9	1199	242	124	1543
Heating surfaces. Machine for.	G. H. Lutz.	839,071	Dec. 18	3506	758	125	2306
Heating system.	F. Shurtleff.	820,320	May 8	2624	572	122	647
Heating system.	C. E. Bowers.	822,819	June 5	1164	239	122	1983
Heating system.	A. G. Paul.	823,074	June 12	1688	349	122	2143
Heating system.	J. O'Neill.	823,138	Aug. 7	891	183	123	1890
Heating system.	A. G. Paul.	831,017	Sept. 11	2227	471	124	588
Heating system.	A. G. Paul.	833,891	Oct. 23	3839	815	124	2280
Heating system.	A. G. Paul.	838,641	Dec. 18	2723	584	125	2116
Heating system. Electrical.	A. D. Newton.	809,728	Jan. 9	2259	469	120	529
Heating system. Hot-air.	W. H. Ricker.	811,089	Jan. 30	5026	1049-50	120	1252
Heating system. Hot-water.	W. J. Sheetz.	812,889	Feb. 20	2734	601-2	120	2171
Heating system. Hot-water.	J. G. Demarest.	821,991	May 29	6016	1283	122	1571
Heating system. House-	J. A. Wynkoop.	816,523	Mar. 27	5171	1097	121	1281
Heating system. Low-pressure.	A. Harrison.	812,926	Feb. 20	2807	618	120	2187
Heating system. Steam.	T. S. Morgan.	820,809	May 15	3605	771	122	923
Heating system. Steam.	F. C. Goff.	827,231	July 31	5205	1081	123	1381
Heating system. Steam.	E. S. Manny.	836,391	Nov. 20	2963	628	125	830
Heating system. Vacuum.	C. A. Dunham.	816,972	Apr. 3	856	176-7	121	1548
Heating systems. Automatic steam and water trap for steam-	T. F. Dexter.	815,335	Mar. 20	2722	567	121	698
Heating systems. Fitting for water-	J. O'Neill.	837,713	Dec. 4	881	198	125	1573
Heating systems. Means or device for improving the circulation and augmenting the heating capacity of the fluid in	F. H. Wheelock.	830,268	Sept. 4	754	154	124	189
Heating systems. Pipe-fitting for hot-water.	J. O'Neill.	832,408	Oct. 2	780	151	124	1400
Heating systems. Water-level alarm for expansion-drums of hot-water	R. M. Dixon.	829,103	Aug. 21	2835	596	123	2443
Heating unit. Electric.	E. H. Richardson.	831,186	Sept. 18	2595	547	124	706
Hectograms. Producing.	C. Flamant.	835,105	Nov. 6	469	125	122	122
Heddle.	W. B. Russell.	825,244	July 3	1101	233	123	287
Heddle-making machine.	E. Charpentier and J. Richelle.	809,668	Jan. 9	2145	444-5	120	502
Heddles. Transfer apparatus for wire.	E. Neumann.	812,076	Feb. 6	1086	237-8	120	1710
Hedge-trimming machine.	R. Smithers.	814,483	Mar. 6	979	200-1	121	213
Heel and sole. Resilient.	H. E. Irwin.	812,496	Feb. 13	1967	432	120	1966
Heel attachment. Safety.	J. H. Morris.	833,235	Oct. 16	2466	516	124	1900
Heel. Boot and shoe.	H. B. Morrison.	833,078	Oct. 9	2120	446	124	1765
Heel. Boot and shoe.	W. H. Taylor.	834,085	Oct. 23	4382	931	124	2409
Heel. Boot or shoe.	J. R. Hauptenthal.	826,504	July 17	3705	767	123	974
Heel. Boot or shoe.	J. B. Sheehan.	830,458	Sept. 4	1127	236	124	278
Heel-building machine.	W. Wolfe. (Reissue).	12,433	Jan. 2	1341	272	120	295
Heel-building machine.	J. A. Josselyn.	832,130	Oct. 2	217	43-4	124	1266
Heel cushion for shoes. Spring.	M. Byrne and W. G. Young.	825,515	July 10	1712	359	123	460
Heel-cushion. Pneumatic.	W. L. Gordon.	832,375	Oct. 2	714	138	124	1385
Heel-finishing machine.	J. E. Jackson.	824,931	July 3	510	100-1	123	136
Heel for shoes. Detachable.	G. Giovana.	835,515	Nov. 13	1274	273	125	366
Heel-loading machine.	A. F. Preston.	816,882	Apr. 3	668	138-9	121	1506
Heel-making machine.	G. E. Warren.	834,349	Oct. 30	4927	1043	124	2594
Heel manufacturing machine. Boot and shoe.	W. I. Wentworth.	831,126	Sept. 18	2488	525-6	124	681
Heel-milling machine.	J. E. Collins.	823,582	June 19	2742	581	122	2431
Heel or pad for boots or shoes. Air-cushioning.	E. N. Haag.	826,330	July 17	3324	686	123	873
Heel. Shoe.	R. I. Herrmann.	826,852	July 24	4408	918	123	1166
Heel. Shoe.	A. T. Schroeder.	828,779	Aug. 14	2176	460	123	2241
Heels of boots and shoes. Detachable top piece for the	P. Y. Harrison and R. H. Southall.	826,031	July 17	2747	568-9	123	734
Helical spring.	R. Siegfried.	817,133	Apr. 3	1150	237	121	1615
Helmet and face-protector. Combined.	S. J. Lavis.	817,075	Apr. 3	1038	215	121	1588
Hemmer-guide for skirts of ladies' and children's dresses.	V. H. Canham.	837,382	Dec. 4	211	51	125	1409
Hemp-brake.	T. G. Bonta.	826,014	July 17	2717	562	123	727
Hemp-brake.	S. C. Robison.	839,208	Dec. 25	3829	825	125	2431
Hemp-breaking machine.	W. H. Klauk and J. P. Lowry.	811,726	Feb. 6	356	79	120	1565
Hewing machine. Timber-	W. K. Melton.	827,251	July 31	5242	1089	123	1389

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Page.	Vol.	Page.
Hide-handling apparatus.....	B. A. McNabb.....	835,312	Nov. 6	875	185-6	125	222
Hide-treating apparatus.....	W. Coupe.....	833,443	Oct. 16	2897	614	124	2009
Hide unhairing and working machine.....	A. E. and R. F. Whitney.....	828,588	Aug. 14	1803	380	123	2147
Hide-working machine.....	R. F. Whitney.....	829,613	Aug. 28	3939	833-4	123	2761
Hides and skins. Apparatus for dyeing.....	R. Martinet and A. Dulac.....	823,539	June 19	2664	561	122	2414
Hides and skins. Machine for fleshing and working out.....	G. W. Baker.....	811,359	Jan. 30	5572	1163-4	120	1369
Hides and skins. Machine for treating.....	H. S. Corwin.....	830,571	Sept. 11	1376	285	124	369
Hides and skins. Puring.....	E. F. Kick.....	820,648	May 15	3266	.....	122	847
Hides. Treating.....	F. B. Hinkson.....	810,144	Jan. 16	3093	638-9	120	761
High chair.....	I. Unger.....	821,387	May 22	4839	1027	122	1255
High-potential switch or circuit-breaker.....	E. M. Hewlett.....	815,824	Mar. 20	3729	785-6	121	918
High-speed brake.....	W. B. Mann.....	831,795	Sept. 25	3814	799	124	1059
Hinge.....	J. Soss.....	809,027	Jan. 2	795	172	120	175
Hinge.....	E. C. Hall.....	810,052	Jan. 16	2922	608	120	727
Hinge.....	M. L. Peter and W. J. Seerist.....	811,740	Feb. 6	382	83	120	1570
Hinge.....	J. E. Hausfeld and V. E. Tresise.....	814,288	Mar. 6	557	117	121	120
Hinge.....	J. R. Carter.....	814,354	Mar. 6	722	146	121	159
Hinge.....	J. R. Carter.....	814,355	Mar. 6	723	146	121	160
Hinge.....	H. G. Kimple.....	814,546	Mar. 6	1096	227	121	238
Hinge.....	D. Underhill.....	819,098	May 1	129	27	122	33
Hinge.....	J. B. Willard.....	820,462	May 15	2916	633	122	770
Hinge.....	H. N. Backus.....	821,012	May 22	4080	868-9	122	1087
Hinge.....	J. R. Carter.....	822,648	June 5	841	171	122	1914
Hinge.....	J. R. Carter.....	822,649	June 5	843	172	122	1914
Hinge.....	P. H. McGrath.....	822,686	June 5	925	188	122	1934
Hinge.....	F. Sandham.....	823,443	June 12	2434	513	122	2305
Hinge.....	J. C. Anderson.....	823,911	June 19	3358	716	122	2568
Hinge.....	J. H. Hammer.....	825,050	July 3	727	152	123	195
Hinge.....	E. Hipolito.....	826,167	July 17	3010	625	123	798
Hinge.....	P. C. Greenawalt.....	828,649	Aug. 14	1921	403	123	2177
Hinge.....	A. L. Moreaux.....	828,762	Aug. 14	2138	452	123	2231
Hinge.....	E. E. Hansen.....	829,070	Aug. 21	2764	581	123	2422
Hinge.....	F. E. Sprague.....	829,236	Aug. 21	3122	657	123	2513
Hinge.....	H. Stiles.....	830,022	Sept. 4	219	42	124	54
Hinge.....	R. E. McCuen.....	830,916	Sept. 11	2047	430-1	124	545
Hinge.....	M. Hauser.....	832,607	Oct. 9	1187	237	124	1541
Hinge.....	G. C. Gardner.....	833,316	Oct. 16	2630	552	124	1943
Hinge.....	J. Dunn and F. H. Jennings.....	834,111	Oct. 23	4441	943	124	2424
Hinge.....	H. J. Nagle.....	838,799	Dec. 18	3016	651	125	2186
Hinge.....	C. E. Treadwell.....	828,351	Aug. 14	1334	282	123	2025
Hinge and closer. Door.....	W. K. Henry.....	838,622	Dec. 18	2687	576	125	2106
Hinge and support for edgewise-movable gates. Combined.....	F. E. Knapp.....	824,033	June 19	3596	766	122	2617
Hinge. Blind.....	J. H. Poole.....	818,285	Apr. 17	3462	745	121	2226
Hinge-butt recesses. Tool for marking and incising.....	W. J. McIntyre.....	813,319	Feb. 20	3597	790-1	120	2356
Hinge construction. Locking.....	W. J. Kelly.....	828,123	Aug. 7	869	178-9	123	1885
Hinge construction. Locking.....	W. J. Kelly.....	828,124	Aug. 7	870	179	123	1885
Hinge. Detachable.....	W. T. Roberts.....	831,801	Sept. 25	3824	801	124	1061
Hinge. Double-acting spring.....	G. Hochstrasser.....	839,589	Dec. 25	4582	977	125	2616
Hinge. Drop and cellar-door.....	W. M., W. I., and H. D. Boulden.....	817,748	Apr. 17	2363	508	121	1988
Hinge. Floor.....	S. Hanson.....	815,011	Mar. 13	2021	424	121	496
Hinge. Floor.....	G. L. Sargent and A. A. Page.....	839,425	Dec. 25	4254	909-10	125	2537
Hinge. Flush.....	T. F. Saling.....	809,137	Jan. 2	1024	212	120	225
Hinge. Flush.....	J. G. Schmidt.....	835,116	Nov. 6	487	99	125	126
Hinge. Flush-butt.....	A. G. Lamb.....	824,367	June 26	4226	901	122	2811
Hinge for closet-seats.....	W. A. Henn.....	823,275	June 12	2132	444	122	2242
Hinge for covers of vessels.....	G. Block.....	837,781	Dec. 4	1000	224	125	1602
Hinge for folding furniture.....	J. Hodson.....	822,894	June 5	1313	270	122	2013
Hinge for sofa-beds, &c. Reversible.....	O. H. Watkins.....	828,157	Aug. 7	921	189	123	1897
Hinge for step-ladders.....	C. Tettenborn.....	813,535	Feb. 27	4037	885	120	2513
Hinge for the lids of vessels.....	J. H. Wilson.....	834,434	Oct. 30	5098	1083	124	2635
Hinge for windows and the like. Detachable.....	G. H. Parker.....	814,391	Mar. 6	793	160	121	175
Hinge. Furniture.....	E. A. Gay.....	820,776	May 15	3522	755	122	904
Hinge. Gate.....	J. A. Jones.....	808,757	Jan. 2	269	58	120	62
Hinge. Gate.....	S. H. Berrey.....	816,527	Mar. 27	5181	1099	121	1283
Hinge. Gate.....	A. A. Adams.....	833,818	Oct. 23	3667	782-3	124	2237
Hinge. Invisible.....	J. Soss.....	825,943	July 17	2580	536	123	689
Hinge. Lock.....	J. W. Dwyer.....	818,081	Apr. 17	3055	659	121	2139
Hinge. Lock.....	W. B. Croft.....	821,861	May 29	5766	1227	122	1516
Hinge. Lock.....	C. H. Swan.....	825,430	July 10	1523	315	123	415
Hinge. Multiple-stay.....	W. M. Smith.....	820,995	May 22	4048	861	122	1080
Hinge. Refrigerator-door.....	R. E. Jones.....	822,279	June 5	107	22	122	1751
Hinge. Screen and outside-sash.....	G. A. De Baun.....	832,122	Oct. 2	205	41	124	1263
Hinge. Screen-door.....	J. Diehl.....	833,734	Oct. 23	3474	742	124	2189
Hinge-setting tool.....	R. M. Connelly.....	836,737	Nov. 27	3690	788	125	1044
Hinge. Spring.....	E. Bommer.....	822,911	June 12	1357	282	122	2071
Hinge. Spring.....	A. Falkenrath.....	824,923	July 3	496	98	123	132
Hinge. Spring.....	E. Bommer.....	825,104	July 3	824	171-2	123	219
Hinge. Spring.....	H. W. Steele.....	833,852	Oct. 23	3746	796	124	2257
Hinge. Spring.....	C. Olson.....	834,635	Oct. 30	5492	1166	124	2736
Hinge. Spring.....	C. S. Van Wagoner and L. R. Pomeroy.....	837,009	Nov. 27	4243	903	125	1178
Hinge. Spring box.....	E. L. Rogers.....	822,555	June 5	637	128	122	1866
Hinge. Temporary.....	H. H. Greene.....	817,845	Apr. 17	2576	554	121	2034
Hinge-washer.....	J. F. George.....	838,976	Dec. 18	3320	717	125	2259
Hinge. Wire.....	C. D. Reece and F. T. Austin.....	809,134	Jan. 2	1020	211	120	224
Hinge. Wire.....	W. G., W. B., and J. L. Powell.....	839,197	Dec. 25	3807	822	125	2426
Hinges. Ball-bearing for spring.....	E. Bommer.....	822,570	June 5	677	138	122	1877
Hip-strap line-holder.....	S. E. Harsh.....	835,681	Nov. 13	1588	339	125	443
Hitching-bolt.....	G. Rheingans.....	838,901	Dec. 18	3198	690	125	2230
Hitching device.....	G. W. Hazlewood and H. C. Robinson.....	813,045	Feb. 20	3039	669	120	2237
Hitching device.....	G. W. Hazlewood and H. C. Robinson.....	836,971	Nov. 27	4151	886	125	1158
Hitching-post.....	W. H. Luquire.....	808,999	Jan. 2	751	162	120	165
Hitching-post strap.....	J. A. Ames.....	817,686	Apr. 10	2232	478	121	1903

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Hobby-horse. Progressing.	A. Hitt.	818,826	Apr. 24	4575	981	121	2520
Hoe.	W. A. Nyswonger.	816,362	Mar. 27	4848	1027	121	1211
Hoe.	H. R. Hilton.	824,862	July 3	369	70	123	107
Hoe.	W. A. Sparks.	825,772	July 10	2270	471	123	599
Hoe and rake. Combined.	W. L. Harris.	816,320	Mar. 27	4760	1007	121	1193
Hoe. Horse.	F. W. Anderson.	816,418	Mar. 27	4967	1055-6	121	1236
Hoe. Rotary.	M. Schilling.	828,575	Aug. 14	1786	377	123	2143
Hoeing-machine.	W. R. Sturgiss.	834,691	Oct. 30	5598	1187	124	2764
Hog and cattle holder.	J. J. Robertson.	831,105	Sept. 18	2449	517	124	673
Hog-catching device.	O. H. Betz and G. E. Holliday.	824,402	June 26	4295	915	122	2824
Hog-cholera antitoxin. Manufacture of.	M. Dorset.	823,110	June 12	1777	.....	122	2163
Hog-gambrel. Self-spreading.	C. N. Walker.	827,196	July 31	5149	1069	123	1367
Hog-noist.	O. P. Hurford.	816,233	Mar. 27	4556	970	121	1149
Hog-loader.	C. C. Swan.	814,096	Mar. 6	190	38	121	42
Hog nose device.	L. H. Thomas.	832,348	Oct. 2	665	127	124	1372
Hog nose device.	L. H. Thomas.	832,349	Oct. 2	666	127	124	1372
Hog-scalder.	J. N. MacLeod.	814,384	Mar. 6	777	157	121	172
Hog-scraper.	E. Rawson.	817,873	Apr. 17	2640	573	121	2047
Hog-trap.	A. Auchly.	812,391	Feb. 13	1771	387-8	120	1927
Hog-trap.	B. A. Alkire.	839,252	Dec. 25	3912	842	125	2453
Hog-trough.	J. Crossin.	817,627	Apr. 10	2137	452	121	1881
Hoist.	E. Y. Moore.	811,077	Jan. 30	5002	1044-5	120	1247
Hoist.	E. Y. Moore.	816,349	Mar. 27	4822	1021	121	1205
Hoist.	G. W. Bollman.	817,747	Apr. 17	2361	507	121	1987
Hoist.	E. W. Marshall.	817,790	Apr. 17	2469	528	121	2010
Hoist.	A. J. Burbank.	828,379	Aug. 14	1386	292	123	2039
Hoist.	A. J. Burbank.	828,380	Aug. 14	1387	293	123	2039
Hoist.	S. T. Wallace.	830,385	Sept. 4	986	205-6	124	243
Hoist.	C. E. Glessner.	834,901	Nov. 6	48	10-11	125	15
Hoist.	E. Y. Moore.	836,451	Nov. 20	3096	657	125	861
Hoist.	F. G. Harbord.	837,904	Dec. 4	1234	271	125	1660
Hoist.	B. F. Henry.	838,025	Dec. 11	1481	319	125	1766
Hoist.	J. R. Sharp.	838,655	Dec. 18	2752	590	125	2123
Hoist. Chain.	J. J. Stosick.	833,258	Oct. 16	2508	524	124	1910
Hoist. Hydraulic.	U. Harvey.	808,655	Jan. 2	69	15	120	17
Hoist. Log.	W. Bearry.	823,502	June 19	2580	544	122	2398
Hoist or elevator.	C. A. Juhl.	809,066	Jan. 2	869	185	120	192
Hoist. Portable electric.	W. N. Vance.	836,789	Nov. 27	3794	808	125	1072
Hoist. Steam hydraulic.	W. H. Ridgway.	833,632	Oct. 16	2276	698	124	2097
Hoist-stop. Automatic.	F. H. Kohlbraker.	824,549	June 26	4610	978-9	122	2892
Hoist. Traveling.	H. Japp.	820,872	May 15	3732	796	122	950
Hoists and the like. Safety mechanism for.	J. T. Horton.	817,916	Apr. 17	2730	592	121	2069
Hoists. Automatic stop for whip.	W. D. Baldwin and J. D. Ihlder.	826,529	July 24	3772	781	123	1003
Hoister drums. Automatic holdfast for electric.	A. Lambert.	808,763	Jan. 2	276	60	120	63
Hoister. Portable.	A. Lambert.	825,417	June 12	2381	502	122	2294
Hoisting and conveying apparatus.	J. Hayward.	811,144	Jan. 30	5150	1077	120	1277
Hoisting and conveying apparatus.	A. E. Norris.	813,663	Feb. 27	4284	943	120	2566
Hoisting and conveying apparatus.	T. S. Miller and J. H. Dickinson.	814,717	Mar. 13	1454	305	121	378
Hoisting and conveying apparatus.	C. J. Horgen.	815,706	Mar. 20	3468	724	121	864
Hoisting and conveying apparatus.	F. W. Lovell.	827,247	July 31	5235	1087	120	1387
Hoisting and conveying mechanism.	C. C. Dolan.	813,364	Feb. 20	3685	809-10	122	2375
Hoisting and dumping apparatus. Bucket for.	A. Smith.	837,744	Dec. 4	937	212	122	1587
Hoisting and transferring apparatus.	C. A. Morris.	819,445	May 1	826	178	122	185
Hoisting apparatus.	S. L. G. Knox and W. Ferris.	808,990	Jan. 2	735	159	120	161
Hoisting apparatus.	C. W. Tribben.	810,445	Jan. 23	3767	776	120	941
Hoisting apparatus.	R. H. Krueger.	815,440	Mar. 20	2956	614	121	752
Hoisting apparatus.	J. Campbell.	816,071	Mar. 27	4248	900-1	121	1083
Hoisting apparatus.	W. B. Potter.	816,372	Mar. 27	4864	1032	121	1215
Hoisting apparatus.	C. T. Painter.	818,115	Apr. 17	3124	672-3	121	2154
Hoisting apparatus.	W. F. Hunt and R. J. Roberts.	819,140	May 1	204	42	122	51
Hoisting apparatus.	W. H. Brown.	820,764	May 15	3505	752	122	901
Hoisting apparatus.	W. H. Baldwin.	820,844	May 15	3693	787-8	122	942
Hoisting apparatus.	J. W. Johnson.	824,025	June 19	3579	763	122	2614
Hoisting apparatus.	W. W. Miller.	824,258	June 26	4017	860	122	2767
Hoisting apparatus.	W. N. Bergeron.	829,833	Aug. 28	4399	928	123	2874
Hoisting apparatus.	A. E. Norris.	832,744	Oct. 9	1460	294	124	1604
Hoisting apparatus.	C. W. Hunt.	833,929	Oct. 23	3926	832	124	2304
Hoisting apparatus.	W. S. Bradshaw.	833,994	Oct. 23	4169	885	124	2357
Hoisting apparatus.	H. Toomey.	834,647	Oct. 30	5515	1171	124	2745
Hoisting apparatus.	J. D. Austin.	834,881	Nov. 6	7	2	125	4
Hoisting apparatus.	J. B. and H. E. Millard.	835,829	Nov. 13	1869	394-5	125	515
Hoisting apparatus. Car for.	J. B. and H. E. Millard.	835,830	Nov. 13	1870	395-6	125	515
Hoisting apparatus. Electrical.	A. E. Norris.	816,879	Apr. 3	661	137	121	1505
Hoisting apparatus. Steam.	G. W. Bollman.	812,324	Feb. 13	1642	361-2	120	1900
Hoisting-apparatus safety device.	J. Dahlin.	818,523	Apr. 24	3944	849	121	2383
Hoisting-apparatus safety mechanism.	J. H. Pickavance.	814,870	Mar. 13	1740	365	121	438
Hoisting-apparatus sling.	W. L. McCabe.	819,576	May 1	1058	232-3	122	238
Hoisting-bucket.	F. V. Hetzel and F. F. Waechter.	815,823	Mar. 20	3728	785	121	918
Hoisting-bucket.	A. D. Mosby.	821,523	May 22	5095	1085-6	122	1310
Hoisting-bucket.	W. H. Jessup.	834,475	Oct. 30	5170	1098	124	2655
Hoisting-bucket.	A. E. Norris.	838,206	Dec. 11	1875	401-2	125	1866
Hoisting-bucket.	A. E. Norris.	838,352	Dec. 11	2155	467	125	1932
Hoisting device.	C. T. Wales.	829,187	Aug. 21	3038	635-6	123	2493
Hoisting-device support.	L. Greenky.	810,274	Jan. 16	3374	699	120	820
Hoisting-drum.	A. E. Norris.	817,268	Apr. 10	1439	302	121	1734
Hoisting-engine.	J. L. Pulling.	820,939	May 15	3900	832	122	987
Hoisting-engine.	C. A. Frazier.	826,158	July 17	2993	622	123	793
Hoisting-engine.	S. T. Nelson.	826,956	July 24	4595	958-9	123	1213
Hoisting-machine.	W. M. Brown.	808,632	Jan. 2	23	6	120	8
Hoisting-machine.	P. Bauch.	827,204	July 31	5161	1071	123	1370
Hoisting-machine.	J. Pronovost.	832,808	Oct. 9	1595	327-8	124	1635
Hoisting-machine.	J. Campbell.	837,190	Nov. 27	4593	974-5	125	1265
Hoisting mechanism.	D. Abrey.	818,212	Apr. 17	3320	710-11	121	2197
Hoisting mechanism.	F. W. Lovell.	820,425	May 15	2843	619	122	753
Hoisting mechanism.	H. G. Johnston.	833,462	Oct. 16	2944	625	124	2018
Hoisting mechanism.	R. F. Scott.	839,325	Dec. 25	4058	871	125	2489
Hoisting-mechanism safety device.	W. Cooper.	810,189	Jan. 16	3182	659-60	120	780

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Hoisting-mechanism safety device.....	J. M. Rohlfing and P. D. Horton.....	813,451	Feb. 27	3865	847	120	2473
Hoisting-support.....	C. A. Barnes and A. E. Cronin.....	815,254	Mar. 13	2516	524	121	607
Holdback.....	J. O. Lacey.....	833,884	Oct. 23	3818	811	124	2275
Holdback. Harness.....	H. R. McDonald.....	829,885	Aug. 28	4508	951	123	2900
Holder.....	L. A. King and C. Ploss.....	813,047	Feb. 20	3041	669	120	2238
Holder.....	J. P. Merline.....	822,063	May 29	6152	1311	122	1603
Holder. Loose-leaf.....	A. Faifer.....	826,838	July 24	4381	912	123	1160
Holding the head too low in reading and writing. Device for preventing.....	E. Fichtler.....	826,323	July 17	3312	683	123	870
Hollow-article mold.....	H. Besser.....	822,040	May 29	6113	1303	122	1594
Hollow articles. Apparatus for drying.....	L. G. Fromont.....	832,473	Oct. 2	911	177-8	124	1431
Hollow articles. Making.....	W. H. Pratt and A. L. Ellis.....	829,801	Aug. 28	4339	917	123	2859
Hollow bodies. Apparatus for forming serpentine.....	K. Park.....	808,943	Jan. 2	633	138	120	139
Hollow body.....	C. A. Waldo.....	831,638	Sept. 25	3509	735	124	977
Hollow body.....	C. A. Waldo.....	831,639	Sept. 25	3510	735	124	977
Hollow body. Electrically-heated.....	E. Haagen.....	822,270	June 5	88	18	122	1748
Hollow objects, conduits, &c. Making.....	J. M. Boyle.....	830,204	Sept. 4	621	125	124	158
Hollow-ware-embossing machine. Metal.....	R. E. Devine.....	835,100	Nov. 6	461	93	125	121
Holster.....	J. W. Townsend.....	837,156	Nov. 27	4539	962-3	125	1252
Honey-knife.....	J. T. Calvert.....	834,888	Nov. 6	24	5	125	9
Honeycomb-cutter.....	W. J. Young.....	838,230	Dec. 11	1927	412	125	1877
Honing-machine.....	C. F. Boldt.....	820,761	May 15	3499	750	122	899
Honing-strop.....	G. R. Craw.....	827,684	July 31	6225	1292	123	1636
Hoof-cutter. Horse.....	D. McDonald.....	816,733	Apr. 3	355	81	121	1438
Hoof level-gage. Horse.....	A. Holmquist.....	832,060	Oct. 2	63	15	124	1228
Hoof mixture.....	F. E. Hatch.....	811,718	Feb. 6	346	.....	120	1563
Hoof-nippers.....	H. B. Ward.....	838,597	Dec. 18	2634	568	125	2094
Hoof-pad.....	E. Fitzgerald.....	832,468	Oct. 2	904	175	124	1430
Hoof-pad for horseshoes.....	J. M. Doke.....	832,781	Oct. 9	1540	315	124	1623
Hoof-pad for horseshoes.....	B. P. Gray.....	820,108	May 8	2224	483	122	559
Hoof-trimmer.....	B. P. Gray.....	835,064	Nov. 6	388	78-9	125	102
Hoof-trimmer.....	L. J. Hronish.....	813,298	Feb. 20	3545	781	120	2346
Hoof-trimmer.....	W. S. Casterlin.....	835,900	Nov. 13	1998	423	125	544
Hoof trimmer and cleaner.....	J. L. Kottas.....	817,717	Apr. 10	2278	491	121	1912
Hoof-trimming tool.....	J. A. Stubkjare.....	835,331	Nov. 6	920	194	125	232
Hoofs. Treating cattle.....	S. A. Tisdale.....	839,437	Dec. 25	4282	.....	125	2543
Hook:							
See							
Anchor-hook.	Lifting-hook.						
Bracket-hook.	Log-hook.						
Buckle-hook.	Looper-hook.						
Butt-hook.	Meat-hook.						
Cast-off hook.	Merchandise-hook.						
Chain-hook.	Printer's register-hook.						
Checkrein-hook.	Safety-hook.						
Clothes-line hook.	Sheep-hook.						
Coat and hat hook.	Snap-hook.						
Curtain-hook.	Spring edge support-						
Curtain suspension-	ing hook.						
hook.	Suspender-hook.						
Fastening-hook.	Suspending-hook.						
Fish-hook.	Telephone receiver-						
Fishing-hook.	hook.						
Gaff-hook.	Telephone switch-						
Garment-hook.	hook.						
Grab-hook.	Toggle-hook.						
Hame-hook.	Trace-hook.						
Hat and coat hook.	Wardrobe-hook.						
Lacing-hook.	Whiffletree-hook.						
Hook.....	L. Jones.....	809,065	Jan. 2	868	184	120	193
Hook.....	W. S. Ward.....	811,187	Jan. 30	5239	1096	120	1297
Hook.....	O. Kampfe.....	815,019	Mar. 13	2043	428	121	500
Hook.....	M. M. Baird.....	816,206	Mar. 27	4513	957	121	1140
Hook.....	A. Feagans.....	830,704	Sept. 11	1667	342	124	449
Hook.....	L. A. Walker.....	831,913	Sept. 25	4082	851	124	1125
Hook.....	E. Pyle.....	831,991	Sept. 25	4218	881	124	1159
Hook.....	E. Carlson.....	835,937	Nov. 13	2058	439	125	558
Hook and box. Combined.....	E. E. Gibson.....	823,213	June 12	2003	417	122	2213
Hook and eye.....	C. Langruth.....	810,775	Jan. 23	4404	913	120	1084
Hook and eye.....	A. G. Miller.....	814,556	Mar. 6	1113	232	121	241
Hook and eye.....	A. B. Dabney.....	816,966	Apr. 3	841	173	121	1544
Hook and eye.....	H. A. Aldred.....	818,808	Apr. 24	4547	974	121	2515
Hook and eye.....	A. H. Michaelis.....	824,257	June 26	4016	860	122	2767
Hook and eye.....	J. A. Werner.....	825,568	July 10	1820	386	123	486
Hook and eye.....	H. Atkinson.....	826,134	July 17	2949	612	123	782
Hook and eye.....	O. V. Hoopengardner.....	827,636	July 31	6106	1268	123	1603
Hook and eye.....	A. B. Reid.....	830,528	Sept. 11	1277	265	124	342
Hook-and-eye fastening.....	A. W. Berger.....	820,904	May 15	3828	817	122	971
Hook and eyelet setting machine.....	H. C. Pomeroy.....	819,921	May 8	1761	379	122	458
Hook eye. Garment.....	T. J. Browning.....	813,140	Feb. 20	3253	715	120	2285
Hook for cutting corn, &c.....	B. F. Bean.....	818,813	Apr. 24	4555	976	121	2516
Hook-lock.....	F. Liliger.....	822,675	June 5	893	182	122	1926
Hook-setting machine.....	P. R. Glass.....	811,840	Feb. 6	580	127	120	1608
Hook-setting machine.....	P. R. Glass.....	811,841	Feb. 6	582	127	120	1608
Hook:							
See Metal hoop.	Metallic hoop.						
Hoop-coiler.....	A. F. Ward.....	823,236	June 12	2057	427	122	2226
Hoop-drawing apparatus.....	S. J. Caroland.....	839,452	Dec. 25	4306	920	125	2549
Hoop-driving machine. Barrel.....	E. and B. Holmes and E. F. Beugler.....	821,362	May 22	4775	1015-17	122	1243
Hoop forming and splicing machine.....	N. K. Bowman.....	827,607	July 31	6024	1253-4	123	1578
Hoop-lug.....	M. Renz.....	834,408	Oct. 30	5058	1072	124	2625
Hoops and securing the ends thereof. Machine for sizing barrel.....	J. G. Iverson.....	815,835	Mar. 20	3768	792-6	121	927
Hoops on barrels and kegs. Attachment for machines for pulling head.....	W. H. Potter.....	838,272	Dec. 11	2020	435	125	1898
Hop-draft and the like. Apparatus for treating.....	K. Peter.....	826,603	July 24	3937	816	123	1047

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Hop-drier.....	J. L. and E. H. Larson.....	837,412	Dec. 4	270	66	125	1423
Hop-scoop.....	C. True.....	823,007	June 12	1548	322	122	2114
Hopper or bin.....	U. A. Garred.....	836,679	Nov. 27	3545	756	125	1006
Hoppers. Automatic clean-sweep waste for outside.	H. C. Wetzel and E. R. Pruitt.....	814,755	Mar. 13	1522	322	121	393
Hopple.....	F. D. Weller.....	811,014	Jan. 30	4904	1022	120	1226
Horizon. Artificial.....	H. A. Gadsden.....	824,640	June 26	4782	1019	122	2930
Horizon. Artificial.....	J. Marshall.....	837,315	Dec. 4	75	20	125	1373
Horizontal bar. Portable.....	J. Kercher.....	829,653	Aug. 28	4018	851	123	2781
Horn.....	C. R. Breen.....	829,836	Aug. 28	4404	929	123	2875
Horn. Amplifying.....	E. R. Johnson.....	814,848	Mar. 13	1704	356	121	430
Horn-support.....	A. S. Marten.....	815,448	Mar. 20	2969	618	121	755
Horn-support.....	A. S. Marten.....	820,511	May 15	3031	652	122	796
Horn-support.....	R. L. Hammond.....	835,678	Nov. 13	1583	338	125	442
Horn-trainer.....	L. F. Herrick.....	832,128	Oct. 2	214	43	124	1265
Horse-bit.....	W. Kronheim.....	834,236	Oct. 23	4698	995	124	2490
Horse-blanket.....	P. Andersen.....	808,803	Jan. 2	361	78	120	80
Horse-blanket.....	A. H. Kinder.....	812,796	Feb. 13	2548	560	120	2084
Horse-blanket.....	C. Loughrey.....	814,656	Mar. 6	1309	275	121	283
Horse-blanket.....	E. E. Young.....	829,904	Aug. 28	4542	957-8	123	2908
Horse-blanket pin.....	M. L. Jacoby.....	809,691	Jan. 9	2193	454	120	514
Horse-checking apparatus.....	F. C. Jacobs.....	835,620	Nov. 13	1479	316	125	417
Horse-detacher.....	L. P. Faison.....	817,423	Apr. 10	1743	367	121	1800
Horse-detacher.....	J. Greece.....	817,424	Apr. 10	1744	367	121	1800
Horse-detacher.....	F. J. Humbert.....	818,176	Apr. 17	3254	698	121	2184
Horse-detacher.....	J. Orteig.....	819,308	May 1	552	118	122	127
Horse-detacher.....	O. von Beglerbeg.....	819,712	May 8	1339	290	122	361
Horse-detacher.....	L. L. and J. W. Fox.....	829,520	Aug. 28	3748	796	123	2714
Horse-detacher.....	C. H. Bach.....	832,526	Oct. 2	1010	203	124	1455
Horse-detacher.....	H. H. Low.....	832,552	Oct. 2	1061	212	124	1468
Horse-detacher.....	F. Lee.....	833,066	Oct. 9	2100	442	124	1759
Horse-detaching device.....	R. J. Ellis.....	833,959	Oct. 23	4079	870	124	2333
Horse-drenching device.....	N. S. Price.....	818,466	Apr. 24	3814	820	121	2356
Horse-evenner.....	J. E. Lally.....	810,287	Jan. 16	3397	703	120	825
Horse. Folding.....	L. Nolan.....	835,977	Nov. 13	2121	455	125	572
Horse-hitching device.....	J. B. Plato.....	823,964	June 19	3460	739	122	2590
Horse-overshoe.....	J. J. McElheany.....	814,914	Mar. 13	1812	379	121	453
Horse-pad.....	S. A. Ladd.....	820,800	May 15	3578	765	122	916
Horse-power.....	J. G. Mole.....	812,282	Feb. 13	1565	342-3	120	1882
Horse-power-calculating device.....	E. M. Scoville.....	809,019	Jan. 2	783	169	120	172
Horse-power indicator and engine-overload alarm.	J. F. Shreffler.....	816,686	Apr. 3	281	66	121	1422
Horse-rake.....	C. Hockin.....	827,098	July 31	4919	1026	123	1305
Horse-releaser.....	J. B. S. P. Twaha.....	817,599	Apr. 10	2085	440	121	1871
Horse-releaser.....	G. W. Riddle.....	829,088	Aug. 21	2802	589	123	2433
Horse shoe and boot.....	G. Piccone.....	837,719	Dec. 4	894	201	125	1576
Horse-tail protector.....	G. Tuthill and W. H. Boyd.....	822,788	June 5	1099	227-8	122	1969
Horse toe-weight.....	G. W. Bottum.....	819,509	May 1	939	205	122	210
Horse-trainer.....	S. B. Arthurs.....	821,395	May 22	4855	1030	122	1259
Horses and cattle. Appliance for preventing wind-sucking in	T. Kranz.....	829,343	Aug. 21	3352	705	123	2570
Horses. Ear-carriage device for	F. J. Brown.....	822,919	June 12	1376	286	122	2075
Horses from the sun's heat and from storms. Canopy for sheltering	J. H. Nivens.....	838,135	Dec. 11	1738	372	125	1831
Horses from vehicles. Means for freeing	D. Boldog.....	820,381	May 8	2742	597	122	673
Horse's-head support.....	J. B. Williams and E. C. Brown.....	813,759	Feb. 27	4457	985	120	2603
Horses. Pacing device for	M. T. Bransfield.....	823,504	June 19	2582	544	122	2398
Horses without bits. Means for controlling and driving	H. J. Udhauge.....	826,810	July 24	4318	898	123	1145
Horseshoe.....	J. T. Bell.....	808,626	Jan. 2	14	3	120	6
Horseshoe.....	J. Singleton.....	809,144	Jan. 2	1033	213-14	120	226
Horseshoe.....	C. A. Campbell and J. Reagan.....	809,553	Jan. 9	1911	396	120	453
Horseshoe.....	J. Howard.....	809,688	Jan. 9	2189	453	120	513
Horseshoe.....	A. L. Durn.....	810,399	Jan. 23	3678	757	120	921
Horseshoe.....	M. H. Young.....	811,353	Jan. 30	5564	1161	120	1367
Horseshoe.....	P. J. Hoffmann.....	811,398	Jan. 30	5645	1181	120	1385
Horseshoe.....	F. N. Cline.....	811,619	Feb. 6	165	37	120	1521
Horseshoe.....	J. H. Stephensmeier.....	813,596	Feb. 27	4153	910	120	2538
Horseshoe.....	G. Hauf.....	814,782	Mar. 13	1581	333	121	405
Horseshoe.....	A. Anderson.....	815,399	Mar. 20	2878	598	121	734
Horseshoe.....	J. Swigert.....	817,018	Apr. 3	946	194	121	1569
Horseshoe.....	G. W. Johnson.....	817,323	Apr. 10	1537	323	121	1755
Horseshoe.....	J. E. Shaffer.....	817,526	Apr. 10	1950	411	121	1844
Horseshoe.....	C. A. Ready.....	818,049	Apr. 17	2993	646	121	2126
Horseshoe.....	H. D. Shaffner.....	819,086	May 1	105	23	122	28
Horseshoe.....	B. and A. Messinger.....	820,232	May 8	2447	530	122	608
Horseshoe.....	G. B. Paul.....	821,530	May 22	5106	1088	122	1313
Horseshoe.....	A. G. Albro.....	821,973	May 29	5984	1275	122	1564
Horseshoe.....	R. O'Connell.....	822,468	June 5	458	93	122	1825
Horseshoe.....	W. J. Harris.....	822,737	June 5	1017	208	122	1952
Horseshoe.....	C. E. Silvius.....	822,780	June 5	1087	224	122	1966
Horseshoe.....	H. W. Hubbard.....	822,949	June 12	1425	297	122	2085
Horseshoe.....	G. Crawford.....	824,977	July 3	605	121	123	160
Horseshoe.....	R. M. and H. S. Bechtel.....	825,179	July 3	976	205	123	255
Horseshoe.....	J. B. White.....	825,437	July 10	1536	318	123	418
Horseshoe.....	F. B. Gardner.....	826,419	July 17	3479	724	123	911
Horseshoe.....	F. B. Gardner.....	826,420	July 17	3481	724	123	911
Horseshoe.....	W. D. O'Brien.....	826,958	July 24	4605	960	123	1215
Horseshoe.....	W. D. O'Brien.....	826,959	July 24	4607	960	123	1216
Horseshoe.....	W. D. O'Brien.....	826,960	July 24	4608	960	123	1216
Horseshoe.....	M. D. Glassbrooke.....	827,797	Aug. 7	222	44	123	1726
Horseshoe.....	C. O. Millard.....	828,495	Aug. 14	1622	343	123	2100
Horseshoe.....	J. R. Holland and C. H. Buck.....	828,886	Aug. 21	2396	510	123	2327
Horseshoe.....	F. W. Lindsley.....	829,114	Aug. 21	2864	601	123	2449
Horseshoe.....	S. V. Clark.....	829,949	Sept. 4	18	4	124	6
Horseshoe.....	W. J. Connally.....	830,133	Sept. 4	468	94	124	118
Horseshoe.....	R. Barclay.....	830,403	Sept. 4	1019	213-14	124	251
Horseshoe.....	J. T. Johns.....	830,665	Sept. 11	1576	325	124	423

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Horseshoe.....	C. D. Murphy.....	831,975	Sept. 25	4194	875	124	1153
Horseshoe.....	Z. J. Rothwell and J. E. Blaisdell.	832,162	Oct. 2	293	55	124	1284
Horseshoe.....	J. B. Hess.....	832,670	Oct. 9	1318	265	124	1570
Horseshoe.....	C. G. Willfong.....	835,875	Nov. 13	1946	412	125	531
Horseshoe.....	M. D. and H. H. Mudge.....	835,974	Nov. 13	2116	454	125	571
Horseshoe.....	J. Dillon.....	837,808	Dec. 4	1047	233-4	125	1613
Horseshoe attachment.....	J. P. Gegner.....	809,105	Jan. 2	972	201	120	215
Horseshoe attachment.....	J. H. Fink and R. Andlauer.....	836,807	Nov. 27	3823	814	125	1080
Horseshoe attachment or fixture.....	J. W. and N. S. Townsend.....	811,598	Feb. 6	124	27	120	1512
Horseshoe-calk.....	E. F. Atherton.....	808,891	Jan. 2	538	120	120	119
Horseshoe-calk.....	N. Hegg.....	810,755	Jan. 23	4361	906	120	1074
Horseshoe-calk.....	W. B. Cole and F. H. Thornley.....	810,843	Jan. 23	4522	941	120	1108
Horseshoe-calk.....	L. A. Weyburn.....	812,966	Feb. 20	2896	638	120	2207
Horseshoe-calk.....	W. A. Comins and J. Connor.....	813,777	Feb. 27	4500	994	120	2612
Horseshoe-calk.....	W. F. Budenbach.....	817,155	Apr. 10	1200	250	121	1686
Horseshoe-calk.....	O. J. Hennebeul.....	821,414	May 22	4893	1040	122	1267
Horseshoe-calk.....	J. C. H. Cranmer.....	822,827	June 5	1183	243	122	1987
Horseshoe-calk.....	C. Loibl.....	823,423	June 12	2397	505	122	2298
Horseshoe-calk.....	M. R. Murray.....	833,476	Oct. 16	2970	630	124	2025
Horseshoe-calk.....	H. Müller.....	837,488	Dec. 4	416	94	125	1459
Horseshoe-calk.....	T. W. Simmons.....	837,972	Dec. 11	1381	300	125	1740
Horseshoe-calk. Adjustable.....	T. W. J. McGann.....	817,578	Apr. 10	2052	432	121	1863
Horseshoe-calk. Adjustable.....	T. W. J. McGann.....	817,579	Apr. 10	2054	432	121	1864
Horseshoe-calk and fastener.....	W. O. Long.....	813,655	Feb. 27	4268	938	120	2562
Horseshoe-calk and fastener.....	B. Bogear and J. G. Tompkins.....	824,090	June 26	3692	787	122	2696
Horseshoe-calk. Detachable.....	T. W. J. McGann.....	810,263	Apr. 10	2063	434	121	1866
Horseshoe-calk. Detachable.....	G. Binder.....	834,183	Oct. 23	4590	973	124	2464
Horseshoe-calk. Removable.....	M. D. and H. H. Mudge.....	822,541	June 5	604	122	122	1860
Horseshoe-calk. Removable.....	E. Pierson and S. L. Dunlap.....	828,422	Aug. 14	1474	310	123	2062
Horseshoe-calk-sharpening machine.....	J. C. Sproat.....	831,114	Sept. 18	2468	521	124	676
Horseshoe-conformator.....	W. McIntosh.....	839,181	Dec. 25	3771	813	125	2419
Horseshoe. Cushioned.....	W. R. Smith.....	839,432	Dec. 25	4266	912	125	2540
Horseshoe. Detachable-calk.....	W. E. Shaw.....	823,296	June 12	2168	452-3	122	2250
Horseshoe. Detachable-calk.....	M. Hallanan.....	829,647	Aug. 28	4011	850	123	2779
Horseshoe. Elastic-tread.....	A. W. Jones.....	819,016	Apr. 24	4927	1058	121	2597
Horseshoe heel and toe calk splitting machine.....	J. G. Rieff.....	815,311	Mar. 13	2638	551	121	633
Horseshoe heel-calk. Detachable.....	T. W. J. McGann.....	817,580	Apr. 10	2056	433	121	1864
Horseshoe heel-calk. Detachable.....	T. W. J. McGann.....	817,581	Apr. 10	2057	433	121	1864
Horseshoe heel-calk. Detachable.....	T. W. J. McGann.....	817,582	Apr. 10	2058	433	121	1865
Horseshoe heel-calk. Detachable.....	T. W. J. McGann.....	817,585	Apr. 10	2062	434	121	1866
Horseshoe. Lock.....	W. Basjanoff.....	827,601	July 31	6016	1251	123	1576
Horseshoe-nail clencher.....	W. S. Casterlin.....	836,434	Nov. 20	3062	650	125	854
Horseshoe. Nailless.....	F. Egger.....	810,849	Jan. 23	4535	944	120	1112
Horseshoe. Nailless.....	L. N. Beauchemin.....	814,184	Mar. 6	354	72	121	77
Horseshoe. Nailless.....	C. W. Crannell.....	817,625	Apr. 10	2130	451	121	1880
Horseshoe. Nailless.....	R. H. Gibb and J. D. W. Elliott.....	817,638	Apr. 10	2154	457	121	1885
Horseshoe. Nailless.....	A. King.....	822,612	June 5	768	155-6	122	1897
Horseshoe. Nailless.....	J. Weill.....	835,650	Nov. 13	1540	329	125	432
Horseshoe-pad.....	A. Fischer.....	808,829	Jan. 2	404	88	120	90
Horseshoe-pad.....	A. C. Tappe.....	836,150	Nov. 20	2479	520	125	713
Horseshoe. Rubber.....	A. Lang.....	808,933	Jan. 2	611	133	120	135
Horseshoe-shaping machine.....	C. Arbuthnot.....	813,135	Feb. 20	3245	713-14	120	2284
Horseshoe-sharpening device.....	J. Bomgardner.....	822,229	May 29	6474	1374	122	1678
Horseshoe. Soft-tread.....	J. McDermott and J. C. McBean.....	821,817	May 29	5694	1213	122	1501
Horseshoe-spreader.....	K. K. Allman.....	823,383	June 12	2323	487	122	2282
Horseshoe-tool.....	M. S. Reigh.....	837,117	Nov. 27	4460	946	125	1234
Horseshoes. Antislipping device for.....	L. Alarme.....	823,497	June 19	2575	543	122	2397
Horseshoes. Detachable calk for rubber-pad.....	T. W. J. McGann.....	817,584	Apr. 10	2061	434	121	1865
Horseshoes. Detachable calk-holder for.....	L. M. Musselman.....	833,172	Oct. 16	2319	486-7	124	1863
Horseshoes. Detachable heel-calk for composite rubber-pad.....	T. W. J. McGann.....	817,583	Apr. 10	2059	433	121	1865
Horseshoes. Forming billets in the manufacture of machine-made.....	A. Smith.....	838,471	Dec. 11	2389	517-18	125	1990
Horseshoes. Manufacture of.....	W. Pilkington.....	810,080	Jan. 16	2965	618	120	737
Horseshoes. Padded safety-plate for.....	E. Dargatz.....	830,643	Sept. 11	1525	315	124	409
Horseshoeing-stand.....	F. Seward.....	822,158	May 29	6339	1348	122	1646
Horseshoeing-stocks.....	M. L. Hemphill.....	819,429	May 1	794	171-2	122	179
Horticultural and other structures. Glazing of.....	E. Bouteille.....	828,084	Aug. 7	797	165	123	1868
Hose.....	E. T. Greenfield.....	817,060	Apr. 3	1018	209	121	1584
Hose.....	J. S. Patterson.....	834,074	Oct. 23	4351	925	124	2401
Hose.....	E. T. Greenfield.....	839,380	Dec. 25	4157	890	125	2513
Hose and hydrant connection.....	L. A. Weston.....	812,625	Feb. 13	2230	486	120	2018
Hose and pipe coupling.....	J. Fehrsen.....	820,437	May 15	2863	623	122	758
Hose-bracket. Swinging.....	L. T. Foreman.....	838,972	Dec. 18	3313	716	125	2257
Hose-clamp.....	W. C. Walker.....	811,343	Jan. 30	5549	1158	120	1364
Hose-clamp.....	J. E. Johnson.....	814,608	Mar. 6	1211	253	121	262
Hose-clamp.....	J. W. Adams.....	821,692	May 29	5441	1159	122	1441
Hose-clamp.....	C. M. Thompson.....	832,099	Oct. 2	142	30-1	124	1246
Hose-clamp.....	H. B. Sherman.....	832,753	Oct. 9	1481	298	124	1610
Hose-clamp.....	J. Clark.....	835,300	Nov. 6	847	178	125	214
Hose-coupling.....	S. M. Rhoads.....	809,746	Jan. 9	2259	474	120	536
Hose-coupling.....	R. Toole and J. J. McDonnell.....	809,759	Jan. 9	2307	478	120	540
Hose-coupling.....	M. L. and J. S. Scanlon and A. A. Arnold.....	810,354	Jan. 16	3545	729	120	857
Hose-coupling.....	E. J. W. and F. I. De Forest.....	813,359	Feb. 20	3673	805	120	2372
Hose-coupling.....	S. W. Gooch and W. C. Leasure.....	813,792	Feb. 27	4525	999	120	2617
Hose-coupling.....	A. Schaffer.....	815,476	Mar. 20	3013	628	121	764
Hose-coupling.....	S. Oldham.....	815,627	Mar. 20	3302	692	121	827
Hose-coupling.....	W. B. Ward.....	815,990	Mar. 27	4061	860	121	1040
Hose-coupling.....	J. Williamson and H. O'Brien.....	815,995	Mar. 27	4071	862	121	1042
Hose-coupling.....	J. F. McElroy.....	816,029	Mar. 27	4151	879	121	1062
Hose-coupling.....	E. E. Gold.....	816,312	Mar. 27	4712	1000	121	1183
Hose-coupling.....	C. E. Bewley.....	816,703	Apr. 3	309	72	121	1429
Hose-coupling.....	R. Bates.....	822,423	June 5	371	77	122	1806
Hose-coupling.....	N. A. Christensen.....	823,510	June 19	2596	547	122	2401
Hose-coupling.....	J. F. McElroy.....	824,670	June 26	4836	1032	122	2942

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Hose-coupling	J. H. Stephens	824,753	July 3	102	20	123	30
Hose-coupling	A. W. Irvin	825,220	July 3	1060	223	123	277
Hose-coupling	I. R. Concoff	826,018	July 17	2726	564	123	729
Hose-coupling	J. F. Polmann	828,243	Aug. 7	1081	227	123	1934
Hose-coupling	J. T. Lally	831,358	Sept. 18	2932	622	124	792
Hose-coupling	A. F. Stirzaker	832,757	Oct. 9	1485	298	124	1611
Hose-coupling	J. M. Bailey	835,272	Nov. 6	797	166	125	202
Hose-coupling	J. Pellar	836,457	Nov. 20	3105	658	125	864
Hose-coupling	C. Klug and J. Honnauer	836,930	Nov. 27	4085	872	125	1141
Hose-coupling	J. H. Biery and J. H. Zwanger	837,538	Dec. 4	509	118	125	1483
Hose-coupling and valve	E. H. Wolf	833,143	Oct. 9	2247	473	124	1798
Hose coupling. Armored	E. T. Greenfield	817,058	Apr. 3	1015	209	121	1583
Hose-coupling. Car and air-brake	W. W. Gordon	838,103	Dec. 11	1653	357	125	1811
Hose-coupling for cars	D. P. Fahrney, H. E. Doran, and G. A. Newton.	825,117	July 3	851	176-7	123	226
Hose coupling. Internally and externally armored	N. Perzoff	816,596	Apr. 3	101	21	121	1379
Hose coupling or connector	J. I. Tredtin and F. H. Grosbernt	817,818	Apr. 17	2520	540	121	2022
Hose coupling-retaining means. Metallic	R. B. Panton	826,353	July 17	3365	696	123	883
Hose for sucking and dredging engines	J. Taube	833,426	Oct. 16	2857	604-5	124	2000
Hose. Lady's and child's	A. A. Farrant	830,775	Sept. 11	1803	373	124	484
Hose-nozzle	C. S. Alderman	820,328	May 8	2638	575	122	651
Hose-nozzle	F. H. Hartwell	835,612	Nov. 13	1468	313	125	414
Hose. Process of and apparatus for manufacturing lined metallic	E. Witzennmann	830,695	Sept. 11	1645	338	124	444
Hose puller and wringer	J. A. Britton	810,259	Jan. 16	3335	692-3	120	810
Hose-rack	W. D. Allen and C. F. Bowes	811,686	Feb. 6	293	66	120	1550
Hose-rack	C. Nuhring	838,207	Dec. 11	1877	402-3	125	1867
Hose-rack. Adjustable	C. Nuhring	838,208	Dec. 11	1880	403	125	1867
Hose-rack. Swinging	R. D. Wirt	818,989	Apr. 24	4874	1047	121	2585
Hose-reel	R. D. Wirt and C. R. Parker	818,990	Apr. 24	4875	1047	121	2586
Hose-reel	G. M. Melven	828,562	Aug. 14	1757	370	123	2136
Hose-supporter	J. D. O'Brien	810,077	Jan. 16	2959	617	120	735
Hose-supporter	A. B. Kurtz	811,413	Jan. 30	5672	1188	120	1390
Hose-supporter	H. W. Cahn	813,197	Feb. 20	3346	736	120	2304
Hose-supporter	H. B. Cooper	813,621	Feb. 27	4207	925	120	2549
Hose-supporter	H. B. Cooper	813,622	Feb. 27	4209	925	120	2550
Hose-supporter	V. Guinzburg	813,793	Feb. 27	4526	1000	120	2617
Hose-supporter	K. M. Dowling	814,363	Mar. 6	738	149	121	163
Hose-supporter	H. B. Weed	814,997	Mar. 13	1979	416	121	485
Hose-supporter	M. M. Sturm and J. Silverstein	817,201	Apr. 10	1303	272	121	1708
Hose-supporter	L. W. Green	818,759	Apr. 24	4443	952	121	2493
Hose-supporter	E. Johnson	824,426	June 26	4360	927	122	2836
Hose-supporter	A. M. Wilson	825,257	July 3	1126	239	123	293
Hose-supporter clasp	H. Miles	821,949	May 29	5944	1266	122	1554
Hose-supporter clasp	E. Cleary	828,840	Aug. 14	2284	487	123	2270
Hose-supporter clasp	H. Miles	832,073	Oct. 2	88	19	124	1233
Hose-supporter clasp	H. Binney	834,044	Oct. 23	4281	908	124	2385
Hose-supporter clasp	H. Binney	836,081	Nov. 20	2311	490	125	674
Hose-supporter loop	I. B. Kleinert	821,106	May 22	4265	908	122	1127
Hose-supporter. Self-clearing	D. B. Jackson	832,793	Oct. 9	1566	322	124	1628
Hose-supporting clasp	F. W. Mallett	829,662	Aug. 28	4032	854	123	2785
Hose to couplings. Tool for attaching	E. A. Wilcox	830,549	Sept. 11	1328	274	124	357
Hosiery. Manufacture of seamless	E. H. Kilbourn	821,944	May 29	5930	1262	122	1553
Hosiery. Seamless	G. H. Gilbert	822,044	May 29	6121	1304	122	1596
Hosiery. Seamless	G. H. Gilbert	822,663	June 5	865	177	122	1919
Hosiery. Seamless	G. H. Gilbert	822,890	June 5	1307	269	122	2011
Hospitals, sick-rooms, and like places. Apparatus for use in	F. M. Oliver	812,358	Feb. 13	1696	373	120	1912
Hot-air engine	F. N. Silvey	811,879	Feb. 6	665	145-6	120	1626
Hot-air engine	W. R. Honeywell	820,495	May 15	2982	644	122	785
Hot-air engine	F. W. Morse and F. B. Hubbard	822,463	June 5	450	91	122	1823
Hot-air furnace	N. Poor	811,869	Feb. 6	635	139-40	120	1620
Hot-air furnace	A. Boyce	816,528	Mar. 27	5183	1099	121	1284
Hot-air furnace	C. E. Oldacre	826,441	July 17	3524	734	123	922
Hot-air furnace	T. G. Neal	838,888	Dec. 18	3168	683	125	2224
Hot-air generator	C. L. Bowne	836,009	Nov. 13	2171	465-6	125	584
Hot-air heater	S. W. Wilt	816,412	Mar. 27	4959	1053	121	1234
Hot-air register	H. Symonds	814,888	Mar. 13	1770	370	121	444
Hot-air register	W. S. Tuttle	822,408	June 5	342	71	122	1801
Hot-blast apparatus	J. Falck	815,915	Mar. 20	3922	830	121	959
Hot-blast furnace	J. M. McClave	816,877	Apr. 3	655	136	121	1504
Hot-water bag and syringe. Combined	M. Van Tassel-Beck	809,650	Jan. 9	2118	438	120	495
Hot-water-bag stopper	G. H. F. Schrader	816,503	Mar. 27	5130	1087	121	1271
Hot-water boiler	J. B. Walker	823,981	June 19	3500	748	122	2597
Hot-water-circulating apparatus	A. B. Reck	809,013	Jan. 2	775	167	120	171
Hot-water-distributing apparatus	E. Boulboulé	826,468	July 17	3579	746	123	936
Hot-water heater	J. A. Coppridge and T. B. Stultz	818,355	Apr. 17	3599	771	121	2255
Hot-water heater	C. M. Clausen	818,667	Apr. 24	4245	913	121	2449
Hot-water heater	P. H. Cosgrave	822,854	June 5	1234	254	122	1997
Hot-water regulator	S. J. G. Cornell	823,157	June 12	1868	386	122	2182
Hot-water supply and heating system. Domestic	G. Cowles and F. M. Simpson	835,812	Nov. 13	1844	390	125	510
Hot-water system. Galley	E. Webb, Jr.	819,103	May 1	139	29	122	35
Hotbed	J. A. Hellstrom	816,323	Mar. 27	4766	1009-10	121	1194
Hotel-register	J. P. Hart	817,851	Apr. 17	2584	557	121	2036
House:							
See Chicken-house.	Poultry-house.						
Doll-house.	Sanitary house.						
Greenhouse.	Toy house.						
Portable house.							
Household-cleaner	J. Wolff	813,339	Feb. 20	3635	797	120	2364
Household-mill	J. H. Johnson, 2d	828,662	Aug. 14	1942	409	123	2182
Household use. Indicator for	H. E. Baker and H. E. Neavling	822,815	June 5	1155	237	122	1981
Hover	M. L. Young	826,211	July 17	3099	642	123	818
Hover	J. L. Nix	831,737	Sept. 25	3710	776	124	1033
Hub	J. C. Hawkins	810,754	Jan. 23	4360	905	120	1074
Hub	L. S. Lachman	811,303	Jan. 30	5469	1140	120	1347

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Hub.	D. E. Barton.	818,340	Apr. 17	3575	765	121	2250
Hub.	F. H. Morse.	833,407	Oct. 16	2816	597	124	1988
Hub and spindle.	J. Boatright.	811,541	Feb. 6	14	4	120	1487
Hub and spindle. Vehicle.	S. Sterling.	812,775	Feb. 13	2503	551	120	2074
Hub-attaching device.	E. Hetherington.	817,113	Apr. 3	1098	228	121	1602
Hub-attaching device.	J. W. Marler.	823,425	June 12	2399	505	122	2298
Hub-attaching device.	M. R. Bruner.	834,883	Nov. 6	16	3	125	7
Hub-boring machine.	F. W. and C. H. Price.	832,415	Oct. 2	797	154	124	1403
Hub-box attachment.	N. Harris.	830,897	Sept. 11	2007	422	124	537
Hub-cap.	E. Lamb.	825,913	July 17	2315	524	123	670
Hub-cap.	E. Einfeldt.	826,320	July 17	3306	682	123	868
Hub for vehicles. Spring.	W. M. Lefort.	812,143	Feb. 6	1230	267	120	1741
Hub. Two-speed.	C. W. Svenson.	813,464	Feb. 27	3893	853	120	2479
Hub. Two-speed.	C. W. Svenson.	813,465	Feb. 27	3896	854	120	2479
Hub. Vehicle.	M. A. Elliott.	824,345	June 26	4176	893	122	2801
Hub. Vehicle-wheel.	C. Shafer.	836,469	Nov. 20	3117	661-2	125	867
Hub. Wheel.	C. C. Brabant and W. C. Beaufore.	809,666	Jan. 9	2142	444	120	501
Hub. Wheel.	S. F. Mills.	813,659	Feb. 27	4279	941	120	2565
Hub. Wheel.	O. Lundin.	819,898	May 8	1719	369	122	449
Hub. Wheel.	C. T. McCue.	832,148	Oct. 2	263	50	124	1276
Hub. Wheel.	E. C. Sendelbach.	837,424	Dec. 4	295	71	125	1430
Hub. Wheel.	E. C. Sendelbach.	838,814	Dec. 18	3046	657	125	2194
Hub-wrench.	M. F. Edwards.	812,334	Feb. 13	1661	365	120	1904
Hubs of gears, &c. Machine for forming key-seats in.	G. H. Webb.	823,833	June 19	3212	679	122	2536
Huller.							
See Clover-huller. Strawberry-huller.							
Hulling mechanism.	A. P. Grohens.	831,663	Sept. 25	3575	750	124	997
Human bodies. Preserving.	M. S. Leech.	826,583	July 24	3894	807	123	1035
Humidifier.	J. J. Smith and L. Bell.	832,090	Oct. 2	129	27	124	1243
Humidifier.	F. B. Comins.	838,951	Dec. 18	3282	710	125	2249
Humidifying and ventilating apparatus.	S. W. Cramer.	821,989	May 29	6012	1282	122	1570
Humidifying apparatus.	J. J. Smith.	835,894	Nov. 13	1986	419	125	541
Humidifying apparatus.	J. J. Smith.	835,895	Nov. 13	1990	420	125	542
Humidifying device.	C. M. Colvin.	839,115	Dec. 25	3634	784	125	2384
Hundred-indicator.	A. H. Woodward.	818,509	Apr. 24	3914	842-3	121	2376
Husking-machine.	I. J. Ball.	834,247	Oct. 30	4739	1003-4	124	2545
Husking-peg.	J. H. Akin.	816,286	Mar. 27	4660	989	121	1172
Husking-peg.	S. B. Wenger.	834,648	Oct. 30	5518	1171	124	2745
Hydrant.	V. H. Mills.	808,859	Jan. 2	453	100	120	101
Hydrant.	E. Cronstedt.	812,407	Feb. 13	1805	395	120	1933
Hydrant.	W. S. Phelps.	818,782	Apr. 24	4487	961	121	2502
Hydrant.	E. R. Stoddard.	820,940	May 15	3901	832	122	987
Hydrant.	J. W. Callaghan.	822,920	June 12	1377	286-7	122	2076
Hydrant.	G. F. Voigt.	832,937	Oct. 9	1858	385	124	1698
Hydrant.	C. A. Peak.	836,400	Nov. 20	2983	632	125	835
Hydrant and valve mechanism for the same and other purposes.	D. F. O'Brien.	838,509	Dec. 11	2449	533	125	2005
Hydrator.	A. S. Crocker.	836,066	Nov. 13	2271	485	125	609
Hydraulic elevator.	J. S. Hoyt.	826,572	July 24	3867	800	123	1028
Hydraulic elevator.	W. L. Leland.	834,818	Oct. 30	5863	1243	124	2829
Hydraulic elevator and other hydraulic apparatus.	E. M. Fraser.	822,595	June 5	734	148-9	122	1890
Hydraulic intensifier. Steam.	T. E. Holmes.	813,209	Feb. 20	3374	743-4	120	2309
Hydraulic lubricator.	R. Thompson and J. A. Sharman.	810,999	Jan. 30	4875	1015	120	1219
Hydraulic motor.	J. Schroeder.	825,079	July 3	780	162-3	123	209
Hydraulic motor.	J. S. Gray.	825,207	July 3	1041	219	123	272
Hydraulic motor.	J. L. Mariner.	827,165	July 31	5083	1057	123	1350
Hydraulic motor.	J. H. Rose.	837,252	Nov. 27	4713	998-9	125	1295
Hydraulic-power systems. Means for effecting and controlling the storage of water in	F. Golwig.	838,617	Dec. 18	2673	574	125	2103
Hydraulic press.	H. Romünder.	829,125	Aug. 21	2887	606-7	123	2455
Hydraulic press with double-piston ram.	S. J. Webb.	836,350	Nov. 20	2879	612	125	811
Hydraulic pressure device.	J. J. Barry.	814,508	Mar. 6	1015	209	121	221
Hydroazo derivatives. Manufacture of.	O. Dieffenbach.	833,513	Oct. 16	3042		124	2040
Hydrocarbon apparatus.	J. Landstedt.	828,034	Aug. 7	692	143-4	123	1842
Hydrocarbon-burner.	J. R. Boone.	810,253	Jan. 16	3326	690-1	120	808
Hydrocarbon-burner.	F. J. Woodhead.	812,712	Feb. 13	2388	524	120	2049
Hydrocarbon-burner.	J. F. Higgins.	816,470	Mar. 27	5063	1075	121	1256
Hydrocarbon-burner.	W. Kemp.	821,419	May 22	4903	1042	122	1260
Hydrocarbon-burner.	F. L. McGahan and E. G. Flager.	824,432	June 26	4372	930	122	2838
Hydrocarbon-burner.	J. F. Barker.	825,290	July 10	1193	252	123	329
Hydrocarbon-burner.	M. Martin.	826,044	July 17	2771	574	123	740
Hydrocarbon-burner.	E. A. Bird.	828,804	Aug. 14	2218	471	123	2253
Hydrocarbon-burner.	H. Kemp.	829,924	Aug. 28	4601	969	123	2925
Hydrocarbon-burner.	H. Kemp.	829,925	Aug. 28	4607	970	123	2926
Hydrocarbon-burner.	R. L. Jewett.	831,287	Sept. 18	2804	591	121	760
Hydrocarbon-burner.	H. C. Hornish.	831,347	Sept. 18	2916	619	124	788
Hydrocarbon-burner.	E. C. Kahn.	834,061	Oct. 23	4323	919	124	2395
Hydrocarbon-burner.	J. F. Higgins.	834,203	Oct. 23	4627	982	124	2473
Hydrocarbon-burner.	C. A. Hammel.	834,469	Oct. 30	5188	1095-6	124	2652
Hydrocarbon-burner.	C. C. Loring.	835,627	Nov. 13	1497	319	125	422
Hydrocarbon-burner.	G. Hochstrasser.	835,683	Nov. 13	1590	339	125	444
Hydrocarbon-burner and torch attachment.	E. Vickrey.	825,015	July 3	672	135	123	176
Hydrocarbon-burners. Draft-regulator for.	F. E. Youngs.	815,316	Mar. 13	2647	554	121	635
Hydrocarbon burners. Fuel-supplying apparatus for liquid.	W. B. Mason.	839,780	Dec. 25	4981	1063	125	2713
Hydrocarbon-engine for motor-vehicles.	J. W. Packard.	830,099	Sept. 4	380	76-7	124	90
Hydrocarbon-furnace.	E. J. Vraalstad and W. L. Doyle.	825,779	July 10	2279	473	123	601
Hydrocarbon generator and burner.	T. Bull.	837,604	Dec. 4	652	150	125	1516
Hydrocarbon-motor.	A. A. Low.	812,860	Feb. 20	2680	591	120	2159
Hydrocarbon-vapor burner.	W. Kemp.	818,256	Apr. 17	3417	733	121	2216
Hydrocarbon-vapor burner.	C. J. Puffer.	829,604	Aug. 28	3923	831	123	2757
Hydrometer.	T. D. Bunce.	829,460	Aug. 28	3625	761	123	2684
Hydrometer test-jar.	F. Storm.	810,361	Jan. 16	3559	732	120	862
Hydropneumatic elevator or injector.	G. Land.	830,085	Sept. 4	355	71	124	86
Hydropneumatic press.	E. D. Coddington.	825,301	July 10	1219	257	123	336
Hydrosulfite preparation.	R. Müller.	839,500	Dec. 25	4415		125	2575

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Di'g.	Vol.	Page.
Hydrosulfitc solutions. Making.	P. S. Clarkson.	827,420	July 31	5615	-----	123	1478
Hygrometer.	C. D. Bradt.	833,154	Oct. 16	2281	479	124	1852
Hygrometer.	J. Cowling.	834,660	Oct. 30	5541	1176	124	2749
Hygrometer. Automatic indicating and regulating.	S. W. Cramer.	809,672	Jan. 9	2161	447	120	507
Hygrometer for regulating humidifying and heating systems.	S. W. Cramer.	811,383	Jan. 30	5617	1175-6	120	1379
Hymn-indicator.	S. W. Hyde.	814,213	Mar. 6	415	86	121	90
Ice and refrigeration machine.	B. Thoens.	830,466	Sept. 4	1143	240	124	282
Ice-bags, helmets, and the like. Stopper for.	C. W. Meinecke.	810,784	Jan. 23	4426	918	120	1088
Ice-box.	P. H. Wolfram.	810,015	Jan. 16	2819	583	120	703
Ice-box.	W. H. Horner.	829,011	Aug. 21	2633	555-6	123	2387
Ice-breaking device.	J. H. Dale.	821,927	May 29	5898	1253-4	122	1545
Ice-can filler.	G. S. Bowling.	808,809	Jan. 2	369	80	120	82
Ice-cream cabinet.	C. Nelson.	819,789	May 8	1518	322	122	402
Ice-cream can.	J. J. Snigo.	819,465	May 1	857	184	122	192
Ice-cream dipper.	A. P. Olmstead.	819,373	May 1	691	145	122	157
Ice-cream dipper.	R. Buchanan.	820,473	May 15	2939	636	122	776
Ice-cream freezer.	F. A. Holmes.	816,092	Mar. 27	4291	909	121	1093
Ice-cream freezer.	J. E. Dunne and C. A. Fletcher.	816,652	Apr. 3	224	52-3	121	1410
Ice-cream freezer.	C. E. Molesworth.	816,810	Apr. 3	507	111	121	1470
Ice-cream freezer.	J. A. Snigo.	816,887	Apr. 3	680	140	121	1509
Ice-cream freezer.	H. J. Gerner.	824,075	June 19	3665	780	122	2632
Ice-cream freezer.	T. K. Parrish.	830,166	Sept. 4	535	108	124	136
Ice-cream freezer.	T. J. Fegley.	834,198	Oct. 23	4618	981	124	2471
Ice-cream freezer.	J. H. Genter.	835,514	Nov. 13	1272	273	125	366
Ice-cream freezer.	A. H. Mace.	838,557	Dec. 18	2558	553	125	2075
Ice-cream-freezer attachment.	J. E. Birney.	814,109	Mar. 6	213	42	121	46
Ice-cream freezers. Clamp for the cross-bars of.	C. Aichele.	819,494	May 1	916	201	122	205
Ice-cream-freezing machines. Attachment for.	J. W. McConnell.	832,692	Oct. 9	1360	275	124	1580
Ice-cream machine.	J. J. Glauser.	813,375	Feb. 20	3705	814	120	2379
Ice-cream mold.	J. D. Kinzer.	814,052	Mar. 6	104	19	121	24
Ice-cream mold and dipper.	A. E. Bennett.	809,663	Jan. 9	2138	443	120	500
Ice-cream scraper.	C. H. Bradbury.	830,763	Sept. 11	1780	367	124	479
Ice-cream scraper and means to support the same.	H. S. Geer.	835,131	Nov. 6	517	104	125	133
Ice-cream spoon.	D. H. Mosteller.	825,147	July 3	910	192	123	241
Ice-cream spoon.	R. Nielsen.	833,620	Oct. 16	3258	693	124	2092
Ice-creeper.	J. M. Gray.	810,484	Jan. 23	3848	790	120	961
Ice-creeper.	D. L. Pickett.	817,800	Apr. 17	2491	533	121	2015
Ice-creeper.	O. F. Leibert.	817,977	Apr. 17	2851	617	121	2097
Ice-creeper.	C. O. Cook.	818,520	Apr. 24	3941	848	121	2382
Ice-creeper.	C. Feister.	822,662	June 5	864	177	122	1919
Ice-creeper.	J. Hunt.	830,324	Sept. 4	855	176	124	213
Ice-creeper.	W. R. Jenkins.	831,954	Sept. 25	4157	866	124	1143
Ice-creeper.	H. T. Kaho.	834,062	Oct. 23	4326	919	124	2396
Ice-creeper.	C. L. Edwards.	836,964	Nov. 27	4142	884	125	1155
Ice-crusher.	O. Harsch.	813,149	Feb. 20	3266	718	120	2288
Ice-crusher. Portable.	J. A. Rickabaugh.	812,453	Feb. 13	1885	415	120	1950
Ice-cutting tool.	F. D. Woodford.	837,172	Nov. 27	4563	968	125	1258
Ice from ice-cans. Apparatus for thawing.	T. G. Nicewarner.	821,957	May 29	5955	1268-9	122	1557
Ice in the field. Means for harvesting.	F. E. Losee.	828,821	Aug. 14	2248	478-9	123	2260
Ice-machine.	R. S. Cates.	808,898	Jan. 2	551	122	120	121
Ice-machine compressor.	C. W. Miles.	825,973	July 17	2629	546	123	703
Ice-machine. Vacuum.	W. T. Hooftagle.	828,888	Aug. 21	2402	511	123	2328
Ice-machine valve.	F. W. Felsberg.	826,555	July 24	3830	793	123	1018
Ice-making apparatus.	A. Campbell.	814,115	Mar. 6	227	44	121	49
Ice. Making clear.	W. T. Hooftagle.	828,887	Aug. 21	2398	510-11	123	2328
Ice-pick.	W. B. Thomas.	831,313	Sept. 18	2853	605	124	773
Ice-sawing machine. Plate.	H. Sloan.	832,582	Oct. 2	1119	225	124	1483
Ice-severing machine.	W. O. Hay.	831,721	Sept. 25	3689	772	124	1028
Ice-shaving machine.	G. W. Van Sant.	816,281	Mar. 27	4650	987	121	1170
Ice-tongs.	W. H. Hampton.	832,727	Oct. 9	1429	288	124	1597
Ice-tongs.	M. H. McDonnell.	837,873	Dec. 4	1177	260	125	1646
Iceing cake and other pastry. Machine for.	C. W. Carter.	813,857	Feb. 27	4667	1032-3	120	2648
Iceing-machine.	E. L. Sons.	815,226	Mar. 13	2469	515	121	598
Iceing-machine.	P. S. Guilford.	834,124	Oct. 23	4474	950	124	2435
Iceing machine. Cake.	C. W. Carter.	820,388	May 15	2766	600-1	122	739
Igniter.	A. C. Menges.	836,521	Nov. 20	3220	686	125	893
Igniter. Electric.	H. N. Motsinger.	810,963	Jan. 30	4811	1000	120	1205
Igniter. Electric.	H. M. Kolb.	825,664	July 10	2060	429	123	549
Igniter. Electric.	J. N. Kelly.	834,912	Nov. 6	72	14	125	21
Igniter. Sparking.	C. M. Huey.	824,245	June 26	3996	855	122	2762
Igniting-blocks. Machine for making.	H. Vogt.	832,281	Oct. 2	533	101	124	1342
Igniting device.	W. B. Goodwin.	822,942	June 12	1413	296	122	2082
Ignition apparatus. Electric.	G. E. Franquist.	820,636	May 15	3246	698	122	844
Ignition mechanism. Sparking.	J. F. Johnson.	816,472	Mar. 27	5068	1076	121	1257
Illuminant.	J. Lewy.	809,121	Jan. 2	995	-----	120	219
Illuminating device.	A. W. Beuttell.	831,821	Sept. 25	3870	810-11	124	1072
Illuminator.	O. A. Mygatt.	823,620	June 19	2808	595	122	2446
Illuminator.	O. A. Mygatt.	823,621	June 19	2811	595-6	122	2446
Illusion apparatus.	C. Rosenfeld.	829,034	Aug. 21	2701	566	123	2405
Illusion apparatus. Marine.	F. M. White.	828,791	Aug. 14	2196	466	123	2246
Illusion device.	F. N. Reeves.	817,092	Apr. 3	1064	221	121	1594
Images of objects. Apparatus for producing.	J. R. Hooper.	815,170	Mar. 13	2349	491-2	121	568
Impact-tool.	G. L. Badger.	814,661	Mar. 13	1319	278	121	345
Implement. Combination.	W. L. Iwan.	818,627	Apr. 24	4165	896	121	2431
Implement. Combination.	G. A. Hasseler.	825,461	July 10	1586	330	123	431
Incandescent burner.	J. B. Sheehy.	820,676	May 15	3331	715	122	861
Incandescent-light fabric. Body of woven.	F. A. Macziossek.	828,492	Aug. 14	1618	342	123	2099
Incandescent-light holder. Adjustable.	W. B. Buckland.	828,709	Aug. 14	2037	430	123	2206
Incandescent mantles. Apparatus for firing.	H. Heidorn.	812,743	Feb. 13	2447	537	120	2063
Inclined elevator.	J. W. Reno.	817,338	Apr. 10	1561	328	121	1760
Inclinometer.	J. W. Cleland.	819,339	May 1	621	131-2	122	143
Incrustation. Preventing.	S. Rubert and P. R. Laporta.	831,107	Sept. 18	2452	-----	124	673
Incubator.	J. E. Chambers.	816,003	Mar. 27	4097	866	121	1050
Incubator.	J. M. Sontag.	820,323	May 8	2630	573	122	648
Incubator.	C. E. Adair.	821,324	May 22	4692	1000	122	1221

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Incubator.....	O. W. Lutz.....	823,182	June 12	1928	397	122	2197
Incubator.....	C. A. Lingemann.....	824,665	June 26	4827	1029-30	122	2940
Incubator.....	G. M. Curtis.....	826,149	July 17	2973	618	123	788
Incubator.....	F. Hellman.....	826,722	July 24	4161	865	123	1104
Incubator.....	H. C. and E. C. Aiken.....	828,011	Aug. 7	645	132	123	1830
Incubator.....	G. H. Boyd.....	828,181	Aug. 7	974	201-2	123	1909
Incubator.....	F. Linstrom.....	828,490	Aug. 14	1614	341	123	2098
Incubator.....	G. M. Curtis.....	829,000	Aug. 21	2615	552	123	2383
Incubator.....	G. L. Guyer and A. C. Gamble.....	830,224	Sept. 4	657	132	124	166
Incubator.....	G. H. Lee.....	830,339	Sept. 4	877	180-1	124	218
Incubator.....	A. Schafer.....	830,677	Sept. 11	1596	370	124	428
Incubator.....	J. L. Nix.....	831,738	Sept. 25	3711	777	124	1033
Incubator.....	G. H. Lee.....	832,395	Oct. 2	752	147	124	1393
Incubator.....	L. S. Bache.....	833,659	Oct. 16	3324	707	124	2108
Incubator.....	G. Hacker.....	836,252	Nov. 20	2696	573	125	767
Incubator.....	G. Hacker.....	837,561	Dec. 4	557	130-1	125	1494
Incubator-alarm.....	W. S. Freeman.....	810,931	Jan. 30	4741	989	120	1190
Incubator-alarm.....	F. T. Porter.....	815,557	Mar. 20	3165	664	121	796
Incubator and nursery. Combined.....	C. S. Newsom.....	832,151	Oct. 2	267	51-2	124	1277
Incubator-heater.....	W. A. Sumner.....	826,385	July 17	3421	709	123	896
Incubator-heater.....	O. P. Shoemaker.....	833,638	Oct. 16	3293	700	124	2100
Incubator-heater.....	G. Hacker.....	836,251	Nov. 20	2695	573	125	767
Index. Book.....	L. R. Smith.....	813,748	Feb. 27	4437	979	120	2958
Index. Book.....	C. D. Threlkeld.....	816,138	Mar. 27	4384	926-7	121	1113
Index. Cabinet.....	C. H. Payne.....	809,741	Jan. 9	2280	472	120	534
Index-card.....	J. S. Duncan and O. N. Tevander.....	808,909	Jan. 2	574	127	120	126
Index. Card.....	G. A. Wheeler.....	814,817	Mar. 13	1651	346	121	420
Index. Card.....	E. C. Albree.....	821,602	May 29	5259	1121	122	1403
Index. Card.....	J. E. Scoville.....	835,476	Nov. 6	1192	257	125	299
Index. Card.....	J. R. Buckwalter.....	837,914	Dec. 11	1259	277	125	1709
Index cutting and printing machine.....	W. A. Philpott, Jr.....	828,568	Aug. 14	1769	372	123	2139
Index drawer. Card.....	W. Lumley.....	809,314	Jan. 9	1423	288	120	347
Index drawer. Card.....	C. McPike.....	819,367	May 1	681	143	122	156
Index or register. Adjustable.....	J. H. Rand.....	829,670	Aug. 28	4048	857-8	123	2789
Index rod. Card.....	D. E. Hunter.....	816,097	Mar. 27	4299	910	121	1095
Index. Route.....	C. W. Merrill.....	839,399	Dec. 25	4192	898	125	2521
Index. Station-meter.....	D. McDonald and L. M. Scofield.....	809,127	Jan. 2	1003	207	120	221
Index system.....	D. E. Freeman.....	821,710	May 29	5485	1168	122	1452
Index. Telephone.....	G. B. Adams.....	828,914	Aug. 21	2455	521	123	2343
Indian-club attachment.....	H. W. Bobache.....	825,955	July 17	2602	540	123	695
Indicating and recording device.....	W. H. Bristol.....	813,689	Feb. 27	4332	953	120	2576
Indicating device. Potential.....	G. N. Eastman.....	830,475	Sept. 4	1164	244	124	288
Indicating mechanism.....	R. D. Fassett.....	824,852	July 3	352	66	123	97
Indicator:							
See Air-pressure and va-	Oil-tank indicator.						
cuity indicator.	Place and position in-						
Automobile rear-light	dicator.						
indicator.	Pneumatic-carrier in-						
Bottle-indicator.	dicator.						
Car-indicator.	Poison-indicator.						
Cash-indicator.	Potential-indicator.						
Check-rower indicator.	Railway-station indi-						
Clock winding-indica-	cator.						
tor.	Scale-indicator.						
Combination-indica-	Ship's progress-indi-						
tor.	cator.						
Demand-indicator.	Speed-indicator.						
Door-indicator.	Station-indicator.						
Electric indicator.	Street-indicator.						
Electric pressure-indi-	Street and station in-						
cator.	dicator.						
Electrically-operated	Street-crossing indica-						
indicator.	tor.						
Engine-indicator.	Street or station indi-						
Horse-power indica-	cator.						
tor.	Switch-indicator.						
Hundred-indicator.	Synchronism-indica-						
Hymn-indicator.	tor.						
Lathe-indicator.	Tank-indicator.						
Letter-box time-indi-	Telephone sight-indi-						
cator.	cator.						
Letter-case indicator.	Tempo-indicator.						
Liquid-indicator.	Test-indicator.						
Load-indicator.	Torsion-indicator.						
Lock-indicator.	Truing-up indicator.						
Loom stop-indicator.	Universal indicator.						
Measurement-indica-	Valve-indicator.						
tor.	Water-indicator.						
Music-sheet indicator.	Water-level indicator.						
Indicator.....	P. S. Buckminster.....	811,542	Feb. 6	15	4	126	1488
Indicator.....	J. P. Murphy.....	812,354	Feb. 13	1691	372	120	1911
Indicator.....	G. A. Hanly.....	825,208	July 3	1043	219	123	273
Indicator.....	M. Lighty and A. Betts.....	827,544	July 31	5921	1227	123	1554
Indicator.....	H. A. Watson.....	829,243	Aug. 21	3134	660	123	2516
Indicator.....	C. Versteeg.....	831,911	Sept. 25	4078	850	124	1124
Indicator.....	H. D. Flegel.....	832,963	Oct. 9	1899	395	124	1708
Indicator.....	H. S. Ellis.....	837,676	Dec. 4	801	182	125	1554
Indicator and advertiser.....	C. H. Townsend.....	824,890	July 3	428	83	123	117
Indicator and register. Combined.....	C. A. Whitehorn.....	839,352	Dec. 25	4106	882	125	2501
Indicator or sign.....	E. M. Skinner.....	835,369	Nov. 6	986	210	125	250
Indicator reducing-wheel.....	J. L. Robertson, Jr.....	815,038	Mar. 13	2087	438	121	510
Indigo. Chlorinating.....	A. Schmidt and E. Kronholz.....	812,598	Feb. 13	2185		120	2011
Indigo white and making same. Alkali salt of.....	R. Wimmer.....	833,654	Oct. 16	3319		124	2106
Indigo-white. Making halogenated.....	P. E. Oberreit.....	835,462	Nov. 6	1175		125	295
Indoxyl, &c. Making.....	A. Bischoer.....	839,099	Dec. 25	3607		125	2377
Induction-apparatus contact device.....	R. O. Hood.....	809,262	Jan. 2	1305	266	120	287

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Induction-coil.....	J. Splitdorf.....	812,607	Feb. 13	2199	479	120	2013
Induction-coil.....	M. M. Wood.....	822,332	June 5	217	44	122	1774
Induction-coil.....	S. H. Sauvé.....	823,973	June 19	3483	744	122	2594
Induction-coil apparatus.....	E. C. Wilcox.....	836,659	Nov. 20	3476	742	125	952
Induction-coil vibrator.....	R. Varley.....	809,235	Jan. 2	1230	254	120	270
Induction generator. Static.....	H. B. Todd.....	821,902	May 29	5848	1243	122	1535
Induction-machines. Excitation for.....	M. Leblanc.....	815,357	Mar. 20	2771	577-8	121	710
Induction-machines. System of excitation for.....	M. Leblanc.....	815,356	Mar. 20	2762	576-7	121	709
Induction-motor.....	A. L. Cushman. (Reissue).....	12,431	Jan. 2	1338	272	120	294
Induction-motor.....	D. C. Jackson.....	818,027	Apr. 17	2954	638	121	2119
Induction-motor.....	B. G. Lamme.....	821,044	May 22	4143	880	122	1101
Inductive bond.....	L. F. Howard and P. B. Rice.....	825,538	July 10	1757	370	123	471
Inductive bond.....	L. H. Thullen.....	838,916	Dec. 18	3224	696-7	125	2236
Inductive system.....	R. C. Browne.....	831,599	Sept. 25	3410	716	124	951
Infant-soother.....	R. Pinsent.....	823,076	June 12	1693	350	122	2144
Infant's crib and chair. Combined.....	H. A. Hayden.....	826,332	July 17	3326	687	123	874
Infants. Device for caring for.....	K. I. Faust.....	822,889	June 5	1304	268-9	122	2011
Infants. Inclosure for.....	S. L. Morse.....	818,106	Apr. 17	3092	667	121	2147
Inflated ball.....	C. R. Fleischman.....	830,581	Sept. 11	1396	289	124	374
Inflated ball.....	C. R. Fleischman.....	830,582	Sept. 11	1397	289	124	375
Ingot-heating furnace. Continuous.....	W. R. Miller and P. V. Cole.....	822,380	June 5	297	61	122	1790
Ingot-mold.....	H. Grey.....	818,684	Apr. 24	4272	918	121	2455
Ingot-stripping apparatus.....	C. L. Taylor.....	832,758	Oct. 9	1487	299	124	1611
Ingots, &c. Device for charging and drawing.....	W. T. Marterstick.....	831,964	Sept. 25	4173	870	124	1147
Ingots. Mechanism for piercing or shaping metallic.....	L. D. Davis.....	829,100	Aug. 21	2831	595	123	2441
Ingots. Producing compound.....	M. Weiss.....	809,871	Jan. 9	2511	521	120	585
Inhaler.....	J. Barnes.....	809,662	Jan. 9	2137	443	120	500
Inhaler.....	E. C. Jones.....	810,769	Jan. 23	4389	911	120	1081
Inhaler.....	C. S. Birt.....	813,344	Feb. 20	3641	798	120	2365
Inhaler.....	R. C. Coburn.....	815,510	Mar. 20	3074	641	121	777
Inhaler.....	G. F. Hartz.....	817,708	Apr. 10	2266	487	121	1909
Inhaler.....	F. E. and A. D. Jousset.....	831,004	Sept. 11	2207	466	124	583
Inhaler.....	F. B. Murphy.....	831,623	Sept. 25	3460	727	124	963
Inhaler.....	W. T. Wood.....	833,103	Oct. 9	2166	456	124	1776
Inhaler.....	Y. Q. Caldwell.....	834,184	Oct. 23	4591	973	124	2464
Inhaler and exhaler.....	J. L. Hill.....	813,425	Feb. 27	3815	836	120	2461
Inhaler and respirator.....	E. K. Hill.....	823,946	June 19	3423	731-2	122	2582
Inhaler. Pocket.....	C. P. Moore.....	836,523	Nov. 20	3224	687	125	894
Inhaling apparatus.....	A. Velschow.....	814,484	Mar. 6	981	201	121	214
Inhaling apparatus.....	T. H. Gebauer.....	821,354	May 22	4762	1012	122	1240
Initiating apparatus.....	L. D. Cook.....	811,702	Feb. 6	325	71	120	1558
Initiation apparatus.....	J. M. Seibert.....	819,814	May 8	1560	332	122	412
Initiation apparatus.....	H. E. Husted.....	824,722	July 3	49	8-9	123	16
Injecting-needle.....	C. T. Daniel.....	824,686	June 26	4868	1037	122	2947
Injector.....	L. Rhodes.....	812,232	Feb. 13	1456	319	120	1858
Injector.....	E. Blauhorn.....	817,620	Apr. 10	2119	449	121	1878
Injector.....	R. G. Brooke.....	832,952	Oct. 9	1881	390-1	124	1704
Injector.....	S. L. Kneass.....	833,720	Oct. 16	3450	736	124	2136
Injector.....	L. E. Hogue.....	834,133	Oct. 23	4497	954	124	2441
Injector-burner.....	L. K. Leahy.....	811,935	Feb. 6	801	176	120	1652
Injector connection. Locomotive-boiler.....	J. McKeown.....	810,877	Jan. 23	4596	957	120	1125
Injector. Steam.....	W. A. Downes.....	818,422	Apr. 24	3739	803	121	2340
Injector. Steam.....	W. Penberthy.....	821,827	May 29	5716	1218	122	1505
Injector. Vaccine.....	C. S. Chambers.....	834,261	Oct. 30	4771	1009	124	2554
Injector. Water-pressure.....	J. H. Venners.....	828,154	Aug. 7	915	188	123	1895
Ink-fountain.....	J. Mercer.....	828,760	Aug. 14	2134	451-2	123	2231
Ink-roller and making the same.....	J. H. Hennessey.....	830,432	Sept. 4	1076	224	124	266
Ink-table-distribution presses. Bed-lock for.....	J. C. Bermingham.....	820,758	May 15	3491	749	122	897
Ink-well.....	S. G. Baldwin.....	809,891	Jan. 9	2547	528	120	594
Ink-well.....	F. M. Ashley.....	818,403	Apr. 24	3702	795	121	2333
Ink-well.....	W. P. Swope.....	818,581	Apr. 24	4059	871	121	2407
Ink-well.....	B. Brower.....	821,852	May 29	5752	1225	122	1512
Ink-well.....	F. M. Ashley.....	822,905	June 12	1347	280	122	2069
Ink-well.....	J. Muirhead.....	828,043	Aug. 7	704	145	123	1845
Ink-well.....	T. S. Miles.....	830,351	Sept. 4	905	186	124	224
Ink-well.....	J. A. Cunningham.....	836,366	Nov. 20	2908	616-17	125	818
Ink-well cover. Dust-proof.....	J. Kastner, Jr.....	823,875	June 19	3287	697	122	2553
Inking and recording mechanism.....	I. S. Dement.....	833,029	Oct. 9	2019	425	124	1737
Inking mechanism.....	G. F. Scull.....	814,086	Mar. 6	169	34	121	38
Inking mechanism for cylinder-presses.....	R. Miehle.....	837,093	Nov. 27	4411	935-6	125	1221
Inking mechanism for presses.....	C. Williams.....	813,125	Feb. 20	3217	704-6	120	2278
Inking-pad.....	A. C. Jackson.....	818,692	Apr. 24	4290	921	121	2458
Inkstand.....	E. J. Osgood.....	811,430	Jan. 30	5705	1194	120	1396
Inkstand.....	F. M. Ashley.....	811,536	Feb. 6	5	1-2	120	1486
Inkstand.....	F. A. Alteneder.....	825,691	July 10	2109	439	123	562
Inkstand.....	J. McCloskey.....	826,263	July 17	3190	661	123	839
Inkstand.....	F. M. Ashley.....	829,752	Aug. 28	4223	895	123	2829
Inkstand.....	F. M. Ashley.....	830,633	Sept. 11	1509	312	124	406
Inkstand.....	F. M. Ashley.....	830,634	Sept. 11	1510	312	124	406
Inkstand.....	J. D. Dickson.....	831,329	Sept. 18	2882	611	124	780
Inkstand. Automatic.....	F. M. Ashley.....	823,752	June 19	3052	646	122	2498
Inkstand. Automatic.....	F. M. Ashley.....	839,254	Dec. 25	3915	842	125	2454
Inkstand, paper-holder, and pen-rack. Combined.....	L. R. Johnson.....	818,094	Apr. 17	3074	663	121	2143
Inkstand. Safety.....	B. Buffard.....	823,257	June 12	2101	437	122	2236
Inner soles and the like. Making.....	A. Thoma.....	812,383	Feb. 13	1755	385	120	1924
Inner soles. Reinforcing fabric for.....	A. Thoma.....	812,384	Feb. 13	1758	385	120	1924
Innersole.....	F. M. Wade.....	826,975	July 24	4631	965	123	1221
Innersole.....	A. Hess.....	832,315	Oct. 2	604	113	124	1358
Innersole for welt boots and shoes and manufacturing the same. Welt.....	C. H. Walden.....	830,941	Sept. 11	2094	442	124	556
Insect-catcher.....	J. Samuels.....	811,875	Feb. 6	648	142	120	1623
Insect-destroyer.....	M. L. Sanborn.....	828,972	Aug. 21	2562	542	123	2369
Insect-destroyer.....	W. H. Pool.....	836,052	Nov. 13	2241	480	125	603
Insect-destroyer.....	T. A. Sissom.....	837,136	Nov. 27	4497	954	125	1242
Insect-destroying device.....	A. S. Bean.....	832,179	Oct. 2	326	61	124	1292
Insect-destroying machine.....	J. S. Doak and A. G. Farrington.....	825,196	July 3	1006	213	123	263

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Insect-exterminator.	E. E., J. O., and J. A. Thompson.	818,059	Apr. 17	3008	650-1	121	2130
Insect-exterminator.	C. L. Ferriott.	830,143	Sept. 4	486	98	124	122
Insect-trap.	H. Reid.	822,388	June 5	313	64	122	1794
Insect-trap.	H. Freimann.	823,718	June 19	2994	634	122	2487
Insect-trap.	J. J. Redner.	831,098	Sept. 18	2442	514-15	124	671
Insect-trap.	W. P. Collins.	832,845	Oct. 9	1671	344	124	1654
Insect-trap.	W. H. Grasser.	834,518	Oct. 30	5253	1116	124	2677
Insect-trap.	C. W. Pelton.	835,253	Nov. 6	761	159	125	192
Insect-trap.	O. Mallon.	839,167	Dec. 25	3742	808	125	2412
Insecticide.	A. Schulz.	817,194	Apr. 10	1286		121	1704
Insecticide.	P. A. Cadogan.	824,409	June 26	4315		122	2827
Insecticide.	W. Williams.	825,787	July 10	2292		123	605
Insecticide-fertilizer.	R. and M. Jenken and J. Pleyl.	824,791	July 3	206		123	59
Insecticide-trap.	E. S. Bedford.	820,341	May 8	2664	581	122	656
Insole.	A. R. Tirrell.	811,260	Jan. 30	5387	1124	120	1330
Insole and retaining device. Combined.	J. J. Lepper.	832,550	Oct. 2	1058	212	124	1468
Insole for shoes. Cushion.	C. H. Preble.	830,250	Sept. 4	708	143	124	179
Instantaneous wrench.	E. L. Perry.	838,578	Dec. 18	2597	560	125	2056
Instep-support or arch-prop.	W. Vogler.	826,631	July 24	3996	827	123	1062
Instruction. Method of.	H. R. Fuller.	812,197	Feb. 13	1387	301	120	1842
Instrument-holding appliance.	E. A. Doty.	834,663	Oct. 30	5548	1177	124	2751
Instruments. Self-playing mechanism for.	F. W. Hedgeland.	809,565	Jan. 9	1930	401	120	457
Insulated coil for electrical apparatus and making the same.	E. Thomson.	824,048	June 19	3620	771	122	2622
Insulated electric conductor.	W. L. R. Emmet and W. S. Clark.	839,374	Dec. 25	4142	888	125	2510
Insulated rail-joint.	M. W. Thomson.	813,840	Feb. 27	4639	1026	120	2643
Insulated rail-joint.	B. G. Braine.	813,998	Feb. 27	4936	1092	120	2703
Insulated rail-joint.	W. F. Bossert.	833,020	Oct. 9	2001	419	124	1734
Insulated rail-joint.	M. D. Hanlon.	837,903	Dec. 4	1232	271	125	1659
Insulated receptacle for panel and switch boards.	W. C. Tregoning.	809,864	Jan. 9	2500	520	120	583
Insulated support for double-wire electric lines. Portable.	A. Collet.	816,900	Apr. 3	700	144	121	1514
Insulated-track system.	A. Morrison.	831,562	Sept. 25	3337	701	124	931
Insulating and other purposes. Permanently pliable and adhesive compound for.	R. L. Johnstone.	832,610	Oct. 9	1198		124	1543
Insulating appliance.	W. A. Bonnell.	821,920	May 29	5881	1250	122	1542
Insulating attachment for electric fixtures.	A. A. Knudson.	812,797	Feb. 13	2549	560	120	2085
Insulating-cleat.	H. D. Murdock.	818,186	Apr. 17	3271	700	121	2187
Insulating composition.	W. H. Strickler.	835,142	Nov. 6	546		125	139
Insulating composition and manufacturing the same. Electrical.	C. Clément.	833,580	Oct. 16	3178		124	2074
Insulating compound.	S. G. Penney.	835,113	Nov. 6	483		125	125
Insulating coverings. Form for making fiber.	W. H. Baker.	827,777	Aug. 7	178	37	123	1714
Insulating electric conductors. Means for.	S. Berger.	838,764	Dec. 18	2945	634	125	2169
Insulating electrical conductors.	G. H. Rupley.	835,327	Nov. 6	905		125	229
Insulating material.	C. C. Hall.	811,778	Feb. 6	453		120	1584
Insulating material and manufacturing same.	J. Billwiller.	831,321	Sept. 18	2866		124	775
Insulating material and manufacturing same.	G. Kelly.	835,685	Nov. 13	1594		125	445
Insulating material. Composite.	G. Kelly.	811,227	Jan. 30	5324		120	1316
Insulating means and manufacturing the same.	G. Kelly.	830,441	Sept. 4	1096		124	271
Insulating pipes. Flanged-joint casing for heat-insulating screw-shell.	M. J. Loughman.	809,963	Jan. 16	2715	559	120	681
Insulating-support for electrical conductors.	H. Hubbell.	817,484	Apr. 10	1870	394	121	1826
Insulation and forming same. Field-coil.	W. K. Gibboney.	827,361	July 31	5453	1134	123	1440
Insulation and other purposes. Refractory material for electric.	L. W. Downes.	830,419	Sept. 4	1048	218-19	124	259
Insulation-cutter.	D. M. Steward.	816,270	Mar. 27	4632		121	1166
Insulation for electric circuits and producing the same.	W. Chausse.	824,172	June 26	3843	820	122	2730
Insulator.	H. J. Ryan.	835,367	Nov. 6	981	209	125	249
Insulator.	H. B. Crouse.	813,353	Feb. 20	3661	802	120	2369
Insulator.	G. L. Ricks.	815,471	Mar. 20	3006	627	121	763
Insulator.	H. S. Blynt.	815,506	Mar. 20	3067	639	121	776
Insulator.	T. Carter.	821,401	May 22	4868	1032	122	1262
Insulator.	A. Richard.	821,746	May 29	5554	1182	122	1468
Insulator.	F. M. Locke.	822,211	May 29	6438	1366	122	1669
Insulator.	F. M. Locke.	823,912	June 19	3360	716	122	2568
Insulator.	H. M. Acly.	824,055	June 19	3635	773	122	2626
Insulator.	M. F. Baker.	825,795	July 10	2307	480	123	608
Insulator.	S. and W. O. Bartley.	826,916	July 24	4537	944	123	1199
Insulator.	W. T. Goddard.	829,646	Aug. 28	4009	849	123	2779
Insulator.	A. J. L. Lembeck.	831,168	Sept. 18	2557	539	124	698
Insulator.	M. J. Glick.	831,338	Sept. 18	2903	614	124	785
Insulator.	F. J. Grant.	833,877	Oct. 23	3808	808	124	2272
Insulator.	J. F. Nicols.	834,533	Oct. 30	5276	1121	124	2683
Insulator.	R. A. Falkenberg and S. S. Simon.	834,567	Oct. 30	5339	1134-5	124	2697
Insulator.	L. Steinberger.	837,749	Dec. 4	944	213	125	1589
Insulator attachment.	H. Swanson.	814,887	Mar. 13	1769	370	121	444
Insulator. Automatic.	G. M. Correll.	822,043	May 29	6119	1303	122	1595
Insulator. Built-up.	L. Steinberger.	839,666	Dec. 25	4747	1014	125	2655
Insulator-clamp.	W. G. Clark.	810,618	Jan. 23	4121	851	120	1021
Insulator. Electric-light-fixture.	L. McCarthy.	809,126	Jan. 2	1002	207	120	221
Insulator. Electric outlet.	J. E. Moore.	836,396	Nov. 20	2976	631	125	834
Insulator. Electrical.	M. Melrowsky.	826,589	July 24	3904	809	123	1037
Insulator for electric apparatus.	G. W. Gesner.	815,418	Mar. 20	2920		121	744
Insulator for electric railways. Section.	E. E. Gilmore.	832,312	Oct. 2	597	113	124	1357
Insulator for handles of vessels used to hold hot liquids.	J. H. Gault.	834,290	Oct. 30	4825	1020	124	2568
Insulator for high-tension lines.	E. Giraud.	820,924	May 15	3873	825	122	981
Insulator for high voltages.	L. Steinberger.	839,665	Dec. 25	4745	1014	125	2654
Insulator for line conductors.	J. M. Weed.	838,482	Dec. 11	2406	522-3	125	1994
Insulator for telegraph and telephone wires.	S. V. Graves and S. H. McDaniel.	830,555	Sept. 11	1402	290	124	876
Insulator for trolley-roads. Section.	C. M. Means.	835,909	Nov. 13	2011	427	125	547
Insulator. Heat.	E. Kunz.	822,848	June 5	1220	252	122	1994
Insulator. High-potential.	L. Steinberger.	834,084	Oct. 23	4379	931	124	2408
Insulator. High-potential.	F. M. Locke.	836,122	Nov. 20	2414	510	125	697
Insulator. High-tension.	F. G. Baum.	838,163	Dec. 11	1792	384	125	1845

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Insulator. Strain-.....	G. A. Mead.....	834,392	Oct. 30	5027	1064	124	2618
Insulator of overhead electric conductors.....	E. Giraud.....	825,204	July 3	1024	217	123	267
Insulator-pin.....	F. MacKean.....	814,613	Mar. 6	1220	256	121	264
Insulator-pin.....	J. H. Bullard.....	823,461	June 12	2467	521	122	2312
Insulator. Prong.....	L. Steinberger.....	823,820	June 19	3182	673	122	2528
Insulator-protector.....	J. L. Gleason.....	820,641	May 15	3253	700	122	845
Insulator. Third-rail.....	J. J. McGill.....	829,416	Aug. 28	3491	734	123	2650
Insulator. Wood strain.....	T. C. White.....	822,642	June 5	830	169	122	1911
Insulators and other uses. Producing new refractory material for the manufacture of.....	D. M. Steward.....	816,271	Mar. 27	4634	.....	121	1166
Insulators. Die for forming.....	F. M. Locke.....	838,727	Dec. 18	2875	619	125	2455
Insulators or other glass articles while plastic. Device for supporting glass.....	W. H. Schorling.....	815,222	Mar. 13	2465	514	121	597
Insulators or similar articles. Press for making.....	H. M. Brookfield.....	835,236	Nov. 6	723	150-1	125	184
Integrating-machine.....	P. J. Darlington.....	834,365	Oct. 30	4965	1052	124	2603
Intercommunication. Automatic system of.....	A. Van Wagenen.....	833,429	Oct. 16	2861	605-7	124	2001
Intercommunication. Automatic system of.....	A. Van Wagenen.....	836,904	Nov. 27	4027	861	125	1127
Interest-bearing instrument of obligation.....	C. H. Davis.....	835,703	Nov. 13	1621	345	125	451
Interlocking switch.....	C. W. Stone.....	818,309	Apr. 17	3516	754	121	2238
Internal-combustion engine.....	S. S. Williams.....	809,081	Jan. 2	916	192	120	203
Internal-combustion engine.....	T. Wright.....	809,082	Jan. 2	919	192	120	203
Internal-combustion engine.....	H. C. Holloway.....	809,614	Jan. 9	2040	423	120	480
Internal-combustion engine.....	C. M. Steele.....	813,250	Feb. 20	3449	760-1	120	2325
Internal-combustion engine.....	F. M. Uhler.....	815,492	Mar. 20	3036	634	121	769
Internal-combustion engine.....	A. de Dion and G. Bouton.....	815,802	Mar. 20	3688	777-8	121	909
Internal-combustion engine.....	C. W. Weiss.....	819,258	May 1	443	94	122	104
Internal-combustion engine.....	J. B. King.....	819,557	May 1	1023	224	122	230
Internal-combustion engine.....	D. M. Livingston.....	820,222	May 8	2430	597	122	604
Internal-combustion engine.....	H. G. Giffard.....	820,712	May 15	3402	727	122	877
Internal-combustion engine.....	S. B. Welcome.....	822,172	May 29	6366	1352	122	1652
Internal-combustion engine.....	L. Mertens.....	823,286	June 12	2153	449	122	2246
Internal-combustion engine.....	A. B. Goodspeed.....	827,302	July 31	5339	1107-8	123	1411
Internal-combustion engine.....	A. B. Goodspeed.....	827,304	July 31	5344	1108-9	123	1412
Internal-combustion engine.....	F. W. Brady.....	835,773	Nov. 13	1755	374	125	484
Internal-combustion engine.....	S. N. Rapp.....	837,507	Dec. 4	446	102	125	1467
Internal-combustion engine.....	C. R. Greuter.....	838,399	Dec. 11	2255	487	125	1956
Internal-combustion engine for liquid combustibles.....	G. Trunkler.....	828,352	Aug. 14	1339	283	123	2026
Invalid-lift.....	O. B. Thompson.....	808,785	Jan. 2	331	71	120	74
Invalid lift and bed-support. Combined.....	H. Williams.....	816,697	Apr. 3	303	70-1	121	1427
Invalid-lifting device.....	G. B. Wilt.....	832,517	Oct. 2	988	198	124	1449
Invalid-moving apparatus.....	L. Garaghty.....	817,703	Apr. 10	2256	485	121	1907
Invalid's rest.....	J. D. Wilson.....	836,726	Nov. 27	3649	777	125	1032
Invoice or the like holder or clip.....	A. M. Lipman.....	825,139	July 3	893	188	123	236
Invoicing-machine.....	J. Q. Wimer.....	812,910	Feb. 20	2771	610	120	2179
Iodin preparation.....	E. Fischer.....	839,569	Dec. 25	4544	.....	125	2606
Iron:							
See Carriage-top iron. Flat-iron.....							
Chafe-iron.....	Laundry-iron.....						
Chafing-iron.....	Sad-iron.....						
Chair-iron.....	Soldering-iron.....						
Edge-setter iron.....							
Iron and its alloys. Manufacturing.....	M. Ruthenburg.....	818,918	Apr. 24	4734	1016	121	2555
Iron and steel from slags. Recovering.....	R. Baggaley.....	832,948	Oct. 9	1873	389	124	1702
Iron articles. Making cast.....	A. W. Slocum.....	830,536	Sept. 11	1296	.....	124	347
Iron-bending machine. Cast.....	B. S. Cwles.....	813,141	Feb. 20	3254	715	120	2853
Iron compounds. Making stable non-alcoholic.....	K. Dieterich.....	809,101	Jan. 2	965	.....	120	221
Iron direct from its oxides. Manufacturing.....	J. N. Whitman.....	820,898	May 15	3819	.....	122	969
Iron from the ore. Making.....	R. H. Aiken.....	816,142	Mar. 27	4388	.....	121	1114
Iron, &c., from their ores. Reduction of.....	C. S. Bradley.....	829,907	Aug. 28	4546	.....	123	2909
Iron-heater.....	M. G. Hendley.....	810,650	Jan. 23	4177	863	120	1034
Iron-heater.....	C. Petty.....	818,847	Apr. 24	4613	989	121	2528
Iron manufacture.....	O. Thiel.....	828,583	Aug. 14	1796	379	123	2146
Iron or steel articles. Manufacture of.....	E. E. Pierce.....	827,882	Aug. 7	374	.....	123	1762
Iron or steel. Manufacturing.....	E. Fleischer.....	809,291	Jan. 9	1369	278	120	337
Iron or steel objects. Treating.....	H. L. Hollis.....	827,802	Aug. 7	231	46	123	1728
Iron or steel sheets. Making copper-coated.....	W. P. Lewis.....	827,378	July 31	5487	1141	123	1448
Iron-oxid scale. Electrolytically dissolving.....	C. J. Reed.....	827,179	July 31	5124	.....	123	1360
Iron sponge. Manufacturing.....	G. Gröndal.....	812,174	Feb. 6	1307	285-6	120	1756
Ironing-board.....	D. Messer.....	810,166	Jan. 16	3129	648	120	768
Ironing-board.....	A. Wallace.....	817,023	Apr. 3	953	196	121	1570
Ironing-board.....	J. F. Siebenthal.....	817,596	Apr. 10	2078	438	121	1869
Ironing-board.....	G. H. Aigin.....	823,910	June 19	3357	715-16	122	2567
Ironing-board.....	W. Bremer.....	824,091	June 26	3693	787	122	2696
Ironing-board.....	M. A. Baetz.....	825,260	July 3	1130	239	123	294
Ironing-board.....	F. Hofacker.....	827,237	July 31	5219	1084	123	1384
Ironing-board.....	J. H. Wilkins.....	827,949	Aug. 7	512	104-5	123	1799
Ironing-board.....	J. O. Ward.....	831,254	Sept. 18	2729	575	124	740
Ironing-board.....	A. N. Marsden.....	833,536	Oct. 16	3080	653	124	2050
Ironing-board.....	W. D. Freytag.....	836,025	Nov. 13	2199	471	125	591
Ironing-board and step-ladder. Combined.....	S. H. Williams.....	831,692	Sept. 25	3634	761	124	1012
Ironing-board cover.....	W. E. Hazard.....	823,169	June 12	1895	390	122	2189
Ironing-board-fastening device.....	G. L. Reeve.....	826,748	July 24	4207	873	123	1116
Ironing-board. Knockdown.....	E. E. Tarr.....	813,257	Feb. 20	3462	763	120	2328
Ironing board. Sleeve.....	J. F. McArthur.....	810,964	Jan. 30	4814	1000	120	1206
Ironing board. Sleeve.....	B. P. Hogan.....	824,719	July 3	45	8	123	15
Ironing-board support.....	C. Schafer.....	820,262	May 8	2522	546	122	625
Ironing device.....	S. L. Richardson.....	824,742	July 3	86	16	123	26
Ironing fold-collars. Machine for.....	L. R. Heim.....	818,247	Apr. 17	3403	729	121	2213
Ironing-machine.....	H. Wonderlich.....	818,728	Apr. 24	4367	935	121	2475
Ironing-machine.....	W. E. André.....	825,441	July 10	1549	320	123	423
Ironing-machine.....	W. E. André.....	836,797	Nov. 27	3807	810-11	125	1076
Ironing-machine.....	W. M. Barnes.....	837,257	Nov. 27	4724	1001	125	1298
Ironing machine. Seam.....	R. L. Hall and T. C. Martin.....	819,698	May 1	1306	284	122	293
Ironing-stands and the like. Wheeled support for.....	W. H. Flake.....	827,966	Aug. 7	547	112	123	1808
Ironing-table.....	T. L. Nelms.....	815,465	Mar. 20	2999	625	121	761
Ironing-table.....	B. S. Cross.....	820,284	May 8	2571	558	122	635

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Ironing-table.....	L. C. Bullock.....	823,580	June 19	2736	579-80	122	2430
Ironing-table.....	W. G. Woodmansee.....	825,440	July 10	1548	319	123	423
Ironing-table.....	P. Christiansen.....	826,539	July 24	3797	787	123	1010
Ironing-table and step-ladder. Combination.....	W. B. Vandegrift.....	833,097	Oct. 9	2152	452-3	124	1773
Ironing-wax pad.....	G. Peetz.....	821,532	May 22	5111	1088	122	1314
Irrigating-ditch screen.....	W. B. Race.....	818,288	Apr. 17	3466	746	121	2227
Irrigation system. Plant.....	T. A. Davis.....	818,356	Apr. 17	3601	771	121	2255
Jack:							
See Carpenter's jack. Rail-jack.							
Elevating-jack. Railway-track jack.							
Lifting-jack. Screw-jack.							
Lumber-jack. Shoe-ironing jack.							
Miter-jack. Telescoping jack.							
Pipe-pulling jack. Three-point jack.							
Pressure and moving Timber-jack.							
jack. Vehicle-jack.							
Pump-jack. Wagon-jack.							
Jack.....	J. W. Hearn.....	821,239	May 22	4517	961	122	1184
Jack.....	N. J. Schumacher.....	835,835	Nov. 13	1875	397	125	517
Jack-cord distributor.....	B. Salzmann.....	812,236	Feb. 13	1461	320	120	1858
Jack for lifting and transporting motor-cars, &c.....	H. Adams.....	811,116	Jan. 30	5077	1061	120	1263
Jack for steam-dredges, &c.....	J. G. Fairbanks and G. L. Sauer.....	811,709	Feb. 6	334	73	120	1560
Jack-spools, warp-beams, or the like. Head for.....	S. T. Packard.....	810,506	Jan. 23	3895	800	120	973
Jacquard-machine.....	J. M. Perrin and J. B. Perraud.....	815,035	Mar. 13	2078	435	121	509
Jacquard-machine. Double-lift open-shed.....	C. Senn.....	838,279	Dec. 11	2031	437-8	125	1901
Jacquard mechanism.....	C. Vorwerk.....	814,337	Mar. 6	695	140	121	153
Jail-bunk.....	W. Dowling.....	822,592	June 5	730	147	122	1889
Jar:							
See Battery-jar. Hydrometer test-jar.							
Drilling-tool jar. Syrup-jar.							
Fruit-jar. Syrup-dispensing jar.							
Jar and jar-closure.....	J. E. Lord.....	828,038	Aug. 7	697	145	123	1843
Jar and the like closure. Milk.....	R. E. Pearce.....	830,450	Sept. 4	1113	234	124	275
Jar attachment.....	J. H. Johnson.....	817,572	Apr. 10	2040	429	121	1861
Jar-closure.....	E. C. Hill.....	810,760	Jan. 23	4368	907	120	1076
Jar-closure.....	F. G. Burley.....	813,276	Feb. 20	3493	770	120	2335
Jar-closure.....	F. O'Neill.....	818,706	Apr. 24	4326	927	121	2467
Jar-closure.....	C. Barnes.....	820,902	May 15	3824	816	122	970
Jar-closure.....	C. C. Parker.....	821,596	May 22	5225	1115	122	1338
Jar-closure.....	F. Smith.....	830,859	Sept. 11	1950	409	121	523
Jar-closure.....	H. D. Strong.....	831,310	Sept. 18	2849	604	124	772
Jar-closure fastener.....	F. Canfield.....	810,106	Jan. 16	3013	628	120	747
Jar-covers. Tool for operating upon.....	W. C. Smith.....	810,984	Jan. 30	4848	1009	120	1213
Jar-holder.....	A. Fox.....	813,789	Feb. 27	4522	998	120	2617
Jar-holder.....	G. M. Corsey.....	822,652	June 5	847	173	122	1915
Jar-opener.....	H. M. Hartshorn.....	824,114	June 26	3728	796	122	2705
Jar opener. Fruit.....	W. W. Cronk.....	830,888	Sept. 11	1994	419	124	533
Jar or bottle closure. Cream and milk.....	W. H. Bennett.....	815,062	Mar. 13	2123	447	121	518
Jar or other vessel closure.....	G. Staunton.....	835,166	Nov. 6	584	119	125	148
Jar ring. Fruit.....	F. C. Pelster.....	830,167	Sept. 4	536	109	124	136
Jar-top wrench.....	G. E. Kimmel.....	833,222	Oct. 16	2434	510	124	1891
Jar-wrench.....	S. F. Stever.....	830,021	Sept. 4	218	41	124	54
Jar wrench. Fruit.....	E. W. Macauley.....	824,369	June 26	4229	902	122	2811
Jars and jelly glasses. Fiber closure for.....	G. T. Reed.....	827,667	July 31	6180	1283	123	1623
Jars and other like articles. Holder for.....	P. E. Perry.....	819,023	Apr. 24	4938	1060	121	2600
Jars and other vessels. Closure device for.....	W. R. Greiner.....	827,096	July 31	4912	1024	123	1304
Jars and other vessels. Closure device for glass.....	W. B. Fenn.....	810,736	Jan. 23	4323	898	120	1066
Jars and the like and making the same. Packing-ring for fruit.....	W. W. Cadle.....	834,965	Nov. 6	160	33	125	44
Jars, bottles, and similar vessels. Closure device for.....	W. B. Fenn.....	831,271	Sept. 18	2766	584	124	750
Jars, cans, and similar articles. Cover for.....	H. M. Willis.....	824,896	July 3	446	88	123	120
Jars for the preservation of foodstuffs. Composition of matter for hermetically sealing.....	J. E. Lord.....	828,039	Aug. 7	700	123	1844	
Jars, glasses, &c. Cover for.....	A. W. Ziegler.....	810,834	Jan. 23	4505	938	120	1105
Jaw wrench. Sliding.....	A. D. Davis.....	826,769	July 24	4250	883	123	1128
Jelly-press.....	M. S. Schayer.....	824,592	June 26	4692	998	122	2911
Jewel grinding and polishing machine.....	G. H. Alton.....	819,628	May 1	1161	255	122	261
Jewel-mounting.....	A. A. Boismaure.....	831,033	Sept. 18	2274	480	124	634
Jewel-pin and pallet-stone setter.....	O. O. Aune.....	821,396	May 22	4857	1030	122	1259
Jewel remover and seater.....	H. Straw.....	839,045	Dec. 18	3456	747	125	2294
Jewel-setting.....	L. E. Sadler.....	830,179	Sept. 4	550	112	124	139
Jewel-setting.....	W. B. Allen.....	836,479	Nov. 20	3133	665	125	870
Jewel-setting cutter.....	C. Culman.....	834,457	Oct. 30	5139	1091	124	2647
Jeweler's bench attachment.....	J. O. Kellum.....	828,745	Aug. 14	2111	447	123	2225
Jeweler's implement.....	W. F. Brown.....	816,777	Apr. 3	448	101	121	1457
Jewelry-box.....	W. P. Devine.....	830,577	Sept. 11	1391	287	124	373
Jewelry-case.....	H. W. Smith.....	831,388	Sept. 18	2991	635	124	807
Jewelry-catch.....	R. Kollmar.....	808,760	Jan. 2	273	59	120	62
Jewelry-catch. Safety.....	J. W. Hansen.....	836,969	Nov. 27	4148	885	125	1157
Jewelry. Gem-setting for.....	C. T. Wittstein.....	832,887	Oct. 9	1763	364	124	1677
Jig or ore-concentrator.....	A. C. Campbell.....	824,623	June 26	4750	1012	122	2923
Joint:							
See Ball-and-socket joint. Pipe-section coupling-joint.							
Bed-rail joint. Pivot-joint.							
Box-joint. Rail-joint.							
Bracelet-joint. Railway-joint.							
Fluid-joint. Railway-rail joint.							
Furniture-joint. Sheet-metal joint.							
Insulated rail-joint. Step-joint.							
Knuckle-joint. Stovepipe-joint.							
Limb-joint. Universal joint.							
Moisture-proof joint. Pipe-joint.							
Joint.....	W. W. Sweeney and F. A. Sylva.....	823,451	June 12	2450	518	122	2309
Joint-clamp.....	J. Weber, Sr.....	834,782	Oct. 30	5799	1231	124	2813

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Joint connection. Boltless.	J. E. Beaver.	811,473	Jan. 30	5766	1207	120	1409
Joint-fastener.	J. A. Steinmetz.	826,125	July 17	2937	609	123	779
Joint for sheet metal and the like.	E. P. Lehmann.	808,766	Jan. 2	281	61	120	64
Joints. Apparatus for reducing dislocated.	R. W. Bartlett.	824,612	June 26	4730	1007-8	122	2919
Joister-gage.	J. W. Lindsay.	830,603	Sept. 11	1431	297	124	382
Joist-hanger.	J. Lanz.	832,133	Oct. 2	222	44	124	1267
Joist-hanger or stirrup.	F. L. Heughes.	818,689	Apr. 24	4285	920	121	2458
Joist-hangers. Making.	J. Lanz.	828,488	Aug. 14	1610	340	123	2097
Joists, &c. Device for leveling.	A. P. Jamison.	837,067	Nov. 27	4366	925	125	1210
Journal and lubricator. Combined.	J. W. Barlow.	821,450	May 22	4964	1056	122	1283
Journal-bearing.	A. Lipschutz.	809,708	Jan. 9	2223	461	120	521
Journal-bearing.	S. Neemes.	814,390	Mar. 6	791	159	121	175
Journal-bearing.	S. C. Anker-Holth.	814,822	Mar. 13	1663	348	121	422
Journal-bearing.	C. V. Randolph.	815,460	Mar. 20	3003	626	121	762
Journal-bearing.	P. A. Whitney.	816,630	Apr. 3	172	36	121	1399
Journal-bearing.	C. Skidmore.	817,676	Apr. 10	2212	473	121	1899
Journal-bearing.	A. Buchner and E. P. McClure.	820,765	May 15	3508	752	122	901
Journal-bearing.	D. J. Llewellyn.	823,693	June 19	2951	624	122	2478
Journal-bearing.	N. Yates.	826,078	July 17	2850	591	123	759
Journal-bearing.	A. Stuckl.	831,447	Sept. 18	3082	638	123	813
Journal-bearing.	F. Laulip.	831,202	Sept. 18	3096	656	124	833
Journal-bearing.	F. M. Nash.	838,566	Dec. 18	2574	556	125	2080
Journal-bearing.	J. F. Walsh.	838,925	Dec. 18	3236	699	125	2239
Journal-bearing. Self-lubricating.	J. B. Curtis.	824,628	June 26	4760	1014	122	2926
Journal-bearings. Lining for.	G. N. and S. E. Shook.	839,429	Dec. 25	4260	911	125	2538
Journal-box.	J. Charky.	816,432	Mar. 27	4991	1060	121	1240
Journal-box.	G. L. Harvey.	817,427	Apr. 10	1753	368	121	1802
Journal-box.	M. H. Whalen.	817,683	Apr. 10	2226	477	121	1901
Journal-box.	S. Haney.	818,163	Apr. 17	3220	692	121	2176
Journal-box.	G. W. Meyer.	818,634	Apr. 24	4175	898	121	2433
Journal-box.	H. C. Buhoup.	824,406	June 26	4310	918	122	2826
Journal-box.	J. S. Patten.	824,573	June 26	4656	991	122	2902
Journal-box.	C. L. Courson.	826,765	July 24	4246	882	123	1127
Journal-box.	G. A. Woodman.	828,261	Aug. 7	1107	233-4	123	1940
Journal-box.	J. S. Patten.	833,695	Oct. 16	3403	725	124	2125
Journal-box.	E. J. Trudeau.	834,340	Oct. 30	4906	1040	124	2588
Journal-box.	A. C. Weber and C. P. Mueller.	838,225	Dec. 11	1913	410	125	1874
Journal box and bearing.	G. Winkler.	825,689	July 10	2107	438	123	561
Journal-box and dust-guard.	J. S. Patten.	820,009	May 8	2006	440	122	510
Journal-box and dust-guard. Concaved.	J. S. Patten.	822,759	June 5	1053	215-16	122	1959
Journal-box and dust-guard. Convex.	J. S. Patten.	822,760	June 5	1054	216	122	1960
Journal box and lid.	J. S. Patten.	831,466	Sept. 18	3132	664	124	843
Journal-box and lubricator. Combination.	A. Byrd.	831,704	Sept. 25	3662	766	124	1021
Journal-box. Antifriction.	D. Allen.	836,428	Nov. 20	3049	647-8	125	851
Journal-box brass.	J. S. Patten.	822,762	June 5	1058	217	122	1960
Journal-box brass.	J. S. Patten.	829,170	Aug. 21	3007	627-8	123	2485
Journal-box. Car.	J. S. Patten.	822,761	June 5	1056	216-17	122	1960
Journal-box. Car-axle.	W. E. Sanders.	819,675	May 1	1257	274	122	282
Journal-box. Car-axle.	E. B. Fargo.	838,094	Dec. 11	1643	354	125	1808
Journal-box cover.	T. H. Symington.	815,230	Mar. 13	2483	517	121	600
Journal-box cover. Car.	G. A. Faltz.	824,850	July 3	349	65	123	96
Journal-box dust-guard.	E. Posson.	812,523	Feb. 13	2024	443-4	120	1980
Journal-box dust-guard.	G. L. Mansfield.	824,127	June 26	3747	800	122	2709
Journal-box dust-guard.	P. J. Harrigan.	826,848	July 24	4399	915	123	1164
Journal-box dust-guard.	J. A. Haley.	830,062	Sept. 4	301	61	124	73
Journal-box hoist.	A. Harris.	839,141	Dec. 25	3693	797	125	2401
Journal-box lid.	A. Lipschutz.	813,504	Feb. 27	3972	871-2	120	2498
Journal-box lid.	A. Lipschutz. (Reissue).	12,509	July 24	4841	1068	123	1271
Journal-box lid. Car.	L. Y. Williams and F. B. Harrison.	836,793	Nov. 27	3800	809	125	1074
Journal-box-lubricating device.	J. G. Smith.	828,066	Aug. 7	762	157	123	1859
Journal-box oil-cellar.	J. F. Hill.	811,637	Feb. 6	207	44	120	1530
Journal-box or lubricating-receptacle dust-guard.	J. A. Haley.	830,063	Sept. 4	305	62	124	74
Journal-box. Ribbed.	J. S. Patten.	818,912	Apr. 24	4723	1013	121	2552
Journal-box stop.	P. J. Harrigan.	830,832	Sept. 11	1899	397	124	509
Journal-boxes. Apparatus for cooling hot.	D. H. Fairbanks.	824,635	June 26	4773	1017	122	2928
Journal-boxes. Waste-supporting attachment for.	J. S. Patten.	830,523	Sept. 11	1268	263	124	340
Journal-lubricator.	A. Berry.	812,915	Feb. 20	2783	612	120	2182
Journal-lubricator.	E. W. Hancock.	818,373	Apr. 17	3631	779	121	2262
Journal-lubricator.	C. H. Turner.	819,475	May 1	880	192	122	197
Journal-lubricator.	G. Tibbett.	821,203	May 22	4451	948	122	1169
Journal-lubricator.	J. W. Pepple.	835,319	Nov. 6	889	188	125	225
Journal roller-bearing.	A. Bowie.	825,956	July 17	2603	540	123	695
Jug.	A. J. Weeks.	819,191	May 1	302	65	122	75
Jug-top.	J. F. Haffey.	838,536	Dec. 18	2520	545	125	2066
Jumping and vaulting apparatus.	O. M. Lissak.	811,417	Jan. 30	5681	1190	120	1391
Junction-box.	E. T. Greenfield.	830,316	Sept. 4	839	172	124	210
Junction-box.	E. T. Greenfield.	830,317	Sept. 4	841	173	124	210
Junction-box.	W. F. Bossert.	833,296	Oct. 16	2589	541	124	1932
Junction or outlet box.	G. A. Lutz.	834,828	Oct. 30	5889	1248	124	2837
Keg. Sheet-metal.	A. T. Kruse.	819,768	May 8	1461	312	122	387
Ketone and making same. Aromatic.	H. S. Blackmore.	830,044	Sept. 4	266	54	124	65
Ketones. Making.	H. S. Blackmore.	809,900	Jan. 9	2561	530	120	596
Kettle.	A. T. Keene.	813,899	Feb. 27	4750	1049	120	2666
Kettle.	R. and J. A. Medley.	818,973	Apr. 24	4842	1041	121	2578
Kettle.	R. W. Glenn.	838,397	Dec. 11	2251	486	125	1956
Kettle and lid securing and operating means therefor.	C. S. Pierce.	809,461	Jan. 9	1737	359	120	415
Kettle attachment.	J. E. Longhenry.	814,714	Mar. 13	1450	304	121	377
Kettle-cleaner.	M. A. Davies.	822,926	June 12	1385	289	122	2077
Kettle-cover.	E. E. Johnston.	831,353	Sept. 18	2926	621	124	791
Kettle-cover fastening.	A. W. Nelson.	823,071	June 12	1681	348	122	2142
Kettle-drainer.	P. Kelly.	833,606	Oct. 16	3239	688	124	2088
Kettle. Plaster.	S. W. Womack.	813,192	Feb. 20	3338	734	120	2303
Kettle. Warming.	H. Stange.	810,229	Jan. 16	3278	679	120	799
Kettledrum.	C. H. Agne.	835,173	Nov. 6	599	122	125	152

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Key:							
See Lock-key. Switch-key.							
Operator's key. Telegraph-key.							
Piano-key. Telephone-key.							
Ring and listening Type-writer cushion-							
key. key.							
Stringed-instrument key.							
Key:	I. Ash and A. Sayles	827,201	July 31	5156	1070	123	1369
Key:	J. H. P. Ibbott and W. R. Year-	828,480	Aug. 14	1593	336	123	2093
	wood.						
Key and knob clamp:	W. Deutsch	820,919	May 15	3865	823	122	978
Key-arrester mechanism:	F. S. Thornley	832,933	Oct. 9	1850	382-3	124	1696
Key-box. Watchman's:	A. A. Newman	830,098	Sept. 4	377	76	124	92
Key-controlled machines. Line-counting attach-	G. E. Marlatt	822,144	May 29	6299	1342	122	1637
ment for							
Key-fastener:	W. T. Easterday	817,697	Apr. 10	2246	482	121	1905
Key-fastener:	L. A. Foster	820,293	May 8	2587	564	122	639
Key-fastener:	H. E. Hitchins	837,468	Dec. 4	383	87	125	1451
Key-holder:	R. H. Piper	810,081	Jan. 16	2966	619	120	737
Key-holder:	E. J. Brandt	825,184	July 3	985	207	123	257
Key-lock:	A. N. Massie	812,663	Feb. 13	2294	499	120	2031
Key-lock. Changeable combination.	W. H. Taylor	814,335	Mar. 6	691	139	121	152
Key-opening can:	W. H. Wells	814,102	Mar. 6	200	40	121	44
Key-opening can:	J. W. Nichols	838,204	Dec. 11	1872	401	125	1865
Key-operated mechanism:	F. H. Richards	823,080	June 12	1698	351-3	122	2145
Key-ring:	J. Calvo	811,693	Feb. 6	316	68	120	1556
Key-ring:	A. R. See	812,458	Feb. 13	1890	416	120	1951
Key-ring:	H. Smith	827,187	July 31	5136	1066	123	1364
Key-ring, tag, cigar-cutter, and screw-driver. Com-	C. G. Taylor	834,334	Oct. 30	4897	1037	124	2586
bined							
Keys, windows, &c. Fastening device for:	A. C. Fletcher	816,787	Apr. 3	462	104	121	1459
Keyboard. Dummy:	J. W. McCann	823,888	June 19	3314	706	122	2558
Keyboard for accordions:	J. C. Hofbauer	826,661	July 24	4042	838	123	1074
Keyboard instruments. Finger-key for:	O. C. Kavle	836,385	Nov. 20	2951	625	125	827
Keyboard-machine attachment:	E. V. Beals	812,542	Feb. 13	2059	452-5	120	1987
Keyhole bit and saw. Combination:	E. R. Townley	816,277	Mar. 27	4646	986	121	1169
Keyhole-guard. Time-operated:	R. W. Gatewood	837,051	Nov. 27	4335	919-20	125	1202
Keyless lock:	G. W. Strong	827,191	July 31	5142	1067	123	1365
Keyless lock:	C. S. Rice	829,737	Aug. 28	4200	890	123	2823
Keyless lock:	C. S. Rice	832,417	Oct. 2	804	155	124	1405
Keyless lock. Combination:	J. W. Wachter and B. H. Pren-	813,992	Feb. 27	4927	1090	120	2701
kiln:	dergast.						
See Brick-kiln. Downdraft-kiln.							
Cement-kiln. Dry-kiln.							
China-kiln. Drying-kiln.							
Clay-product-burning Lumber-drying kiln.							
kiln. Malt-kiln.							
Continuous kiln. Rotary kiln.							
Double-draft kiln. Updraft-kiln.							
Kiln:	H. T. Epperson	812,029	Feb. 6	1008	220	120	1693
Kiln:	R. W. Stewart	815,387	Mar. 20	2851	592	121	727
Kiln:	R. W. Stewart	815,388	Mar. 20	2852	592	121	727
Kiln:	A. P. Broomell	822,245	June 5	27	6	122	1734
Kiln:	A. E. Truesdell	828,985	Aug. 21	2587	546	123	2375
Kiln-door:	N. R. Deppe	812,728	Feb. 13	2423	531	120	2057
Kiln-heating apparatus:	S. O. Larkins	838,427	Dec. 11	2304	498	125	1969
Kilns and the like. Temperature-indicator and au-	L. Harlow	820,571	May 15	3148	677-8	122	822
tomatic fire-extinguisher for drying-							
Kilns. Floor-brick for downdraft:	R. Southworth and J. E. Holden	818,308	Apr. 17	3516	754	121	2238
Kilns. Preventing the formation of scaffolds in:	T. C. King	810,059	Jan. 16	2936	120	120	730
Kilns. Steam-pipe system for heating dry-	J. F. Oldfield	837,712	Dec. 4	880	198	125	1573
Kinematograph:	W. H. Baker	814,662	Mar. 13	1334	278-9	121	350
Kinetic solenoid:	B. F. Carpenter	829,842	Aug. 28	4416	932	123	2577
Kinetoscope:	D. C. Woodworth	832,112	Oct. 2	180	36	124	1257
Kinetoscope for advertising:	W. D. Carter	813,860	Feb. 27	4680	1034	120	2651
King-bolt:	T. W. Donahoo	817,303	Apr. 10	1501	315	121	1747
Kitchen and adjuncts thereto:	W. C. James	828,481	Aug. 14	1596	337	123	2094
Kitchen table and cabinet:	G. A. Stromgren	827,761	Aug. 7	136	29	123	1704
Kitchen-table. Combination:	W. C. Steers	834,171	Oct. 23	4567	969	124	2459
Kitchen utensil:	E. H. and H. E. Vuillemot	818,063	Apr. 17	3014	652	121	2131
Kitchen utensil:	E. L. Curial	837,388	Dec. 4	223	56	125	1411
Kitchen-utensil guard:	O. V. Sims	830,016	Sept. 4	206	38	124	51
Kitchen. Window:	I. M. Thompson. (Reissue)	12,471	Apr. 10	2344	503	121	1929
Kite. Bird:	P. Weiss	810,690	Jan. 23	4240	878	120	1048
Kite which can be taken to pieces. Tailless:	A. J. Bergeron	824,616	June 26	4741	1010	122	2921
Kneading and aerating roller. Dough:	W. Latham	819,772	May 8	1466	313	122	388
Kneading and mixing machine:	F. Aeschbach	835,655	Nov. 13	1548	331	125	434
Kneading board and barrel-cover. Combined dough-	W. S. Little	830,905	Sept. 11	2031	427	124	541
kneading machine. Dough:	H. Kircher	828,609	Aug. 14	1837	387	123	2156
Kneading-tray:	W. C. Black	810,101	Jan. 16	3006	626	120	746
Kneading-trough:	A. Schmid-Keller	816,683	Apr. 3	279	65	121	1421
Knee-cushion:	C. E. Rundell	830,103	Sept. 4	389	79	124	93
Knee-pad. Pneumatic:	E. G. Gresham	830,661	Sept. 11	1570	323	124	422
Knee-protector:	E. Coupe	832,536	Oct. 2	1032	207	124	1461
Knee-rest. Invalid:	L. H. Cowan	830,416	Sept. 4	1045	218	124	258
Knife:							
See Auger-bit knife. Paper-knife.							
Bar-knife. Pencil-knife.							
Cutting and reaming Planing-machine knife.							
knife. Pocket-knife.							
Draw-knife. Putty-knife.							
Hay-knife. Skinning-knife.							
Honey-knife. Trimming-knife.							
Oyster-shucking knife.							
Knife:	R. Kny	813,009	Feb. 20	2972	655	120	2223
Knife:	L. U. Crawford	822,432	June 5	385	80	122	1809

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Knife.....	W. F. Watson.....	825,093	July 3	805	167	123	215
Knife.....	A. E. Neiglick.....	825,976	July 17	2633	547	123	704
Knife.....	G. M. Tilden.....	826,700	July 24	4123	855	123	1095
Knife.....	I. Kinney.....	837,075	Nov. 27	4379	928	125	1213
Knife.....	J. W. Eckley.....	838,852	Dec. 18	3112	670	125	2211
Knife-blades or other tools. Handle or holder for.....	F. W. Merrick.....	839,495	Dec. 25	4405	940	125	2573
Knife-casing.....	E. Kaufmann.....	817,250	Apr. 10	1396	294	121	1727
Knife-cleaning machine.....	C. H. J. Dilg.....	813,142	Feb. 20	3254	715-16	120	2286
Knife-cleaning machine.....	S. B. Traub.....	832,884	Oct. 9	1758	362-3	124	1676
Knife, fork, can-opener, and saw. Combined.....	C. Hellmuth.....	812,424	Feb. 13	1834	402	120	1939
Knife-polishing device.....	H. J. Hutchinson.....	936,189	Nov. 20	2556	537	125	731
Knife-polishing machine.....	F. Frieg.....	812,489	Feb. 13	1952	430	120	1964
Knife-polishing machine.....	G. S. Blakeslee.....	833,153	Oct. 16	2279	479	124	1852
Knife-wiper.....	R. J. Foster.....	832,661	Oct. 9	1299	261	124	1566
Knives, forks, and spoons. Rotary device for polishing table.....	R. Fryer.....	837,556	Dec. 4	549	123	125	1492
Knit muffler.....	M. Reichblum.....	828,967	Aug. 21	2552	540	123	2366
Knitted fabric and making same.....	R. W. Scott.....	830,373	Sept. 4	954	197-8	124	234
Knitted fabric and making same.....	R. W. Scott.....	830,374	Sept. 4	959	199-200	124	236
Knitted fabric. Ribbed.....	R. W. Scott.....	832,506	Oct. 2	973	194	124	1446
Knitted web.....	R. W. Scott.....	830,375	Sept. 4	963	200-1	124	237
Knitting-machine.....	B. T. Steber.....	808,784	Jan. 2	329	71	120	73
Knitting-machine.....	B. T. Steber.....	810,578	Jan. 23	4044	832-3	120	1003
Knitting-machine.....	J. McNamee.....	810,794	Jan. 23	4445	922-3	120	1092
Knitting-machine.....	C. H. Whitecher.....	812,314	Feb. 13	1625	357	120	1896
Knitting-machine.....	H. Stoll, Jr.....	813,251	Feb. 20	3452	761	120	2325
Knitting-machine.....	J. B. Hipwell.....	815,167	Mar. 13	2341	490-1	121	567
Knitting-machine.....	J. B. Hipwell.....	817,775	Apr. 17	2423	518-20	121	2000
Knitting-machine.....	J. E. Rowe.....	818,295	Apr. 17	3478	748-9	121	2231
Knitting-machine.....	J. P. and G. B. Sheppard and A. J. Mankin.....	824,043	June 19	3611	769	122	2620
Knitting-machine.....	M. Boas.....	824,403	June 26	4206	916-17	122	2824
Knitting-machine.....	J. D. Hemphill.....	827,367	July 31	5463	1136	123	1443
Knitting-machine.....	R. W. Scott.....	834,763	Oct. 30	5745	1219-22	124	2801
Knitting-machine.....	W. C. Whitcomb.....	838,065	Dec. 11	1575	337-9	125	1789
Knitting-machine.....	F. C. Rehm.....	839,200	Dec. 25	3813	823	125	2427
Knitting machine. Circular.....	J. B. Paxton and E. I. O'Neill.....	811,577	Feb. 6	84	17-18	120	1504
Knitting machine. Circular.....	H. I. Thrall.....	824,759	July 3	126	24	123	36
Knitting machine. Circular independent-needle.....	J. Wheeler.....	822,564	June 5	652	133-4	122	1869
Knitting-machine. Lamb.....	H. Stoll, Jr.....	815,760	Mar. 20	3606	757	121	893
Knitting-machine latch-closer.....	H. Pulster.....	825,679	July 10	2088	435	123	557
Knitting-machine needle.....	E. H. Sturtevant.....	822,401	June 5	331	69	122	1798
Knitting-machine needle.....	W. T. Barratt.....	825,017	July 3	675	136	123	177
Knitting-machine needle and holder therefor.....	B. Wiener.....	834,598	Oct. 30	5405	1146	124	2713
Knitting-machine. Pattern.....	W. W. Burson.....	819,407	May 1	752	160-1	122	170
Knitting-machine picker mechanism.....	J. B. Hipwell.....	817,776	Apr. 17	2430	520	121	2002
Knitting-machine power mechanism.....	T. F. Morris.....	824,565	June 26	4636	985	122	2898
Knitting machine. Rack-stitch rib.....	W. Stafford and R. C. Holt.....	823,818	June 19	3178	672-3	122	2528
Knitting-machine stitch-transferring device.....	J. Vaughan.....	836,058	Nov. 13	2255	482-3	125	605
Knitting-machine stop device. Circular.....	E. H. Ludwig.....	836,691	Nov. 27	3586	764-5	125	1015
Knitting-machine stop-motion.....	E. Tompkins.....	809,234	Jan. 2	1228	254	120	270
Knitting-machine stop-motion.....	G. W. Ruth.....	813,240	Feb. 20	3430	756	120	2321
Knitting-machine stop-motion.....	F. Taylor.....	832,513	Oct. 2	983	197	124	1448
Knitting-machine stop-motion device.....	L. N. D. Williams.....	821,969	May 29	5979	1273	122	1562
Knitting-machine thread-feeding device. Circular.....	E. I. O'Neill and W. N. Taggart.....	818,908	Apr. 24	4717	1012	121	2551
Knob.....	K. Booth.....	808,627	Jan. 2	15	4	120	6
Knob. Alarm.....	H. Maske.....	829,880	Aug. 28	4498	949	123	2897
Knob attachment.....	M. S. Partrick.....	831,981	Sept. 25	4205	878	124	1156
Knob attachment. Door.....	J. L. Mcspadden, H. L. Wilkie, and W. H. Lewis.....	826,187	July 17	3041	631	123	805
Knob. Carriage curtain.....	F. Marggraf.....	829,412	Aug. 28	3485	733	123	2648
Knob fastener. Door.....	L. D. Carter.....	837,607	Dec. 4	665	153	125	1520
Knob-fastening.....	F. J. Schwarz.....	818,565	Apr. 24	4032	865	121	2401
Knob for locks and latches.....	B. Phelps.....	815,977	Mar. 27	4033	854	121	1034
Knob-lock. Cylinder.....	J. Montgomery.....	823,348	June 12	2269	473-4	122	2272
Knockdown box.....	J. Adams.....	815,670	Mar. 20	3388	708	121	847
Knockdown box.....	J. J. White.....	816,629	Apr. 3	171	36	121	1399
Knockdown support.....	J. H. Farrell.....	811,209	Jan. 30	5288	1106	120	1308
Knockdown table.....	J. S. Westby.....	827,834	Aug. 7	286	59	123	1742
Knob-tying device.....	L. S. Carden.....	829,569	Aug. 28	3849	817	123	2739
Knotted.....	R. R. Thompson and C. F. Pinkham.....	819,954	May 8	1850	403-8	122	476
Knotted.....	L. B. Wygant.....	837,530	Dec. 4	493	113-15	125	1479
Knuckle. Emergency.....	T. D. Jones.....	832,910	Oct. 9	1806	373	124	1686
Knuckle-joint.....	W. Crutchlow.....	837,200	Nov. 27	4607	978	125	1269
Knuckle-opener. Automatic.....	N. Warner and G. W. Jacobs.....	813,930	Feb. 27	4813	1062	120	2679
Knuckle-pin stop-block.....	G. A. Hart.....	827,974	Aug. 7	561	115	123	1811
Knuckle-sleeve. Emergency.....	W. F. Taylor.....	824,451	June 26	4404	936	122	2846
Kraut-cutter.....	O. E. Thompson. (Reissue).....	12,436	Jan. 16	3622	745-6	120	875
Kraut-cutter.....	D. B. Huffman.....	834,982	Nov. 6	202	44	125	52
Label and premium-coupon. Combined.....	H. B. Duane.....	814,592	Mar. 6	1180	247	121	256
Label-case.....	I. G. Huston and C. R. Burnette.....	838,544	Dec. 18	2534	549	125	2070
Label-damper.....	A. F. H. Stephens.....	824,752	July 3	101	20	123	30
Label-holder.....	D. G. Brown.....	812,634	Feb. 13	2248	488	120	2022
Label-holder.....	D. P. Cory.....	831,645	Sept. 25	3518	738	124	979
Label-holder.....	F. G. Harnish.....	833,049	Oct. 9	2063	434	124	1750
Label-holder. Dispensing.....	J. Brynildsen.....	836,086	Nov. 20	2328	291-1	125	678
Label-pasting board.....	G. N. Byl.....	837,792	Dec. 4	1021	227	125	1606
Label-placing machine.....	W. C. Stevens.....	836,902	Nov. 27	3996	853-60	125	1124
Labels. Affixing.....	E. H. Baare.....	830,195	Sept. 4	595	121	124	152
Labels and the like to bottles and other articles. Machine for applying.....	B. W. Tucker.....	808,955	Jan. 2	655	143-5	120	145
Labels, tickets, &c. Holder or receptacle for.....	F. G. Passino.....	823,357	June 12	2281	477	122	2274
Labeling and wrapping machine.....	F. Grover.....	822,118	May 29	6260	1333	122	1628
Labeling-machine.....	D. W. Kneisly.....	812,936	Feb. 20	2827	624-5	120	2193
Labeling-machine.....	F. O. Woodland.....	818,506	Apr. 24	3899	839	121	2373

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Labeling-machine.....	K. C. Gillette.....	824,690	June 26	4878	1039	122	2949
Labeling-machine.....	E. H. Baare.....	830,194	Sept. 4	585	119-20	124	149
Labeling-machine, Bottle.....	N. Muslar.....	824,569	June 26	4642	987-8	122	2899
Labeling-machine, Bottle.....	T. W. Hickey.....	826,103	July 17	2898	601-3	123	771
Labeling-machine, Bottle.....	S. Fyfe.....	831,853	Sept. 25	3936	823-4	124	1088
Labeling-machine, Bottle.....	A. Hanke.....	834,126	Oct. 23	4480	951	124	2437
Labeling-machine, Bottle.....	G. L. Hirsch and C. A. Fosselman.	838,113	Dec. 11	1676	361	125	1816
Labeling-machine, Box.....	J. F. Kachline.....	825,908	July 17	2507	522	123	668
Labeling-machine, Can.....	L. Rexroth and J. J. Gaynor.....	833,896	Oct. 23	3851	818	124	2283
Lace-cabinet.....	J. R. Wilson.....	824,323	June 26	4131	884	122	2791
Lace-cutter and belt-lacer.....	G. A. Yeaton.....	837,370	Dec. 4	189	46	125	1403
Lace fabric.....	J. E. Dudson.....	838,174	Dec. 11	1816	388	125	1852
Lace-fastening device.....	J. Trusler.....	828,906	Aug. 21	2458	518	123	2330
Lace guard. Ornamental shoe.....	F. Myers.....	837,870	Dec. 4	1173	259	125	1645
Lace-making holder.....	C. Mantz.....	814,151	Mar. 6	293	59	121	65
Lace-securing device. Shoe.....	B. G. Buchanan.....	820,698	May 15	3372	722	122	868
Lace-securing device. Shoe.....	W. A. McDaniel.....	837,331	Dec. 4	107	29	125	1381
Lace. Shoe.....	W. H. Cling.....	813,949	Feb. 27	4844	1069	120	2684
Lacer. Shoe.....	R. M. Miles and E. Young.....	827,987	Aug. 7	589	119	123	1817
Lacing.....	S. C. Abramson.....	818,991	Apr. 24	4877	1047	121	2586
Lacing.....	W. E. Haws and G. W. Hill.....	819,993	May 8	1956	433	122	675
Lacing.....	F. W. Whitchee.....	828,525	Aug. 14	1686	355	123	2115
Lacing catch or hook.....	C. F. Brandt.....	833,915	Oct. 23	3900	827	124	2296
Lacing construction. Corset.....	S. S. Gossard.....	837,056	Nov. 27	4346	922	125	1205
Lacing device.....	M. Ries.....	811,872	Feb. 6	642	141	120	1621
Lacing-fastener.....	J. E. Warner.....	824,835	July 3	322	59	123	89
Lacing fastener and bow-holder. Combined shoe.....	H. H. Petty.....	835,981	Nov. 13	2127	456	125	573
Lacing for wearing-apparel.....	M. Meyer.....	819,907	May 8	1738	374	122	453
Lacing-hook.....	C. E. Hodson.....	820,420	May 15	2836	617	122	752
Lacing-hook.....	H. O. Whyman.....	832,107	Oct. 2	171	35	124	1256
Lacing-hook-machine gage.....	A. T. Maeneche.....	839,397	Dec. 25	4183	897-8	125	2521
Lacing hook or stud setting machine.....	W. J. Coombs.....	826,479	July 17	3608	751	123	943
Lacing hook or stud setting machine.....	W. J. Coombs.....	830,303	Sept. 4	819	167-8	124	205
Lacing hooks and eyelets. Machine for setting.....	A. Raiche.....	830,803	Sept. 11	1845	383-4	124	495
Lacing hooks or studs. Machine for setting.....	P. R. Glass.....	811,839	Feb. 6	571	125-6	120	1606
Lacing-hooks, &c. Device for feeding.....	W. F. Fraser.....	828,396	Aug. 14	1413	299	123	2046
Lacing. Shoe.....	H. L. Johnston.....	835,068	Nov. 6	397	81	125	104
Lacing-stud.....	S. L. Diven.....	833,514	Oct. 16	3043	646	124	2040
Lacing-studs, eyelets, rivets, &c. Stock-feeding mechanism for machines for setting.....	P. R. Glass.....	832,606	Oct. 9	1185	237	124	1540
Lacing-studs. Machine for inserting.....	P. R. Glass.....	811,838	Feb. 6	567	125	120	1605
Lacing-tip.....	F. B. Stirckler.....	819,946	May 8	1812	392	122	468
Lacing-tip.....	H. L. Hiller.....	835,824	Nov. 13	1864	393	125	514
Lacing-tip-forming machine.....	C. F. Pinkham.....	817,872	Apr. 17	2633	571-3	121	2047
Lacing-tipping machine.....	G. F. McCahey.....	835,309	Nov. 6	865	183-4	125	219
Lacing tool. Belt.....	S. Freeze.....	838,973	Dec. 18	3315	716	125	2257
Lacework.....	M. Jansen.....	835,533	Nov. 13	1312	281	125	375
Lacework-holder.....	A. Proctor. (Reissue).....	12,479	May 8	2750	598	122	497
Lacquer or varnish.....	J. P. Ihart.....	811,563	Feb. 6	53	.....	120	1496
Ladder.....	R. C. Laynor.....	813,981	Feb. 27	4899	1085	120	2696
Ladder.....	J. I. Thompson.....	819,951	May 8	1824	394	122	471
Ladder.....	C. Coplantz.....	823,512	June 19	2603	549	122	2402
Ladder.....	H. Adler.....	826,212	July 17	3100	642	123	818
Ladder.....	W. A. Truesdell.....	827,048	July 24	4784	998	123	1257
Ladder.....	F. B. Pease.....	828,049	Aug. 7	720	148	123	1848
Ladder.....	J. P. Barrett.....	834,653	Oct. 30	5527	1174	124	2745
Ladder.....	W. J. Cooper.....	835,153	Nov. 6	561	114-15	125	143
Ladder.....	W. A. Rich and L. Wick.....	838,275	Dec. 11	2023	435	125	1899
Ladder.....	H. Adler.....	839,087	Dec. 25	3579	774	125	2370
Ladder. Aerial.....	A. W. Shaw.....	818,304	Apr. 17	3504	752-3	121	2235
Ladder and bracket construction.....	J. M. Jones.....	817,174	Apr. 10	1235	254	121	1694
Ladder and ironing-board. Combination step.....	H. B. Halsey.....	836,112	Nov. 20	2382	503	125	689
Ladder and ironing-board. Combined step.....	A. Scott.....	814,877	Mar. 13	1752	367	121	440
Ladder and ironing-table. Combined step.....	A. J. Alspach.....	809,926	Jan. 16	2631	544	120	663
Ladder and parts thereof. Step.....	J. S. Tilley.....	827,047	July 24	4783	998	123	1257
Ladder appliance. Adjustable.....	M. Potter.....	810,170	Jan. 16	3136	649	120	770
Ladder attachment.....	J. K. Hester.....	809,057	Jan. 2	857	182	120	189
Ladder attachment.....	F. Van Alstine.....	812,620	Feb. 13	2220	484	120	2017
Ladder attachment for pipes.....	J. F. Collins.....	809,778	Jan. 9	2352	486	120	549
Ladder. Combination step and extension.....	P. C. Plaster.....	815,736	Mar. 20	3538	743	121	878
Ladder. Combination step and extension.....	R. D. Kohne.....	825,061	July 3	745	156	123	199
Ladder. Compound scaling.....	W. F. Sampson.....	819,929	May 8	1780	383	122	462
Ladder. Convertible extension step.....	L. M. Norton.....	830,485	Sept. 4	1187	247	124	294
Ladder. Extension step.....	F. Wilson.....	838,831	Dec. 18	3073	662	125	2202
Ladder. Fire.....	I. S. Shumaker.....	836,785	Nov. 27	3783	806	125	1069
Ladder. Folding step.....	G. W. Buss.....	811,616	Feb. 6	160	36	120	1520
Ladder. Metallic.....	E. V. Lynch.....	826,863	July 24	4426	922	123	1170
Ladder-round.....	S. J. Lamora.....	835,957	Nov. 13	2092	447	125	565
Ladder. Step.....	F. W. Shoecraft and H. L. Allard.....	820,370	May 8	2721	593	122	669
Ladder. Step.....	W. F. Beale.....	820,467	May 15	2922	635	122	771
Ladder. Step.....	J. B. Shaler.....	821,834	May 29	5727	1220	122	1507
Ladder, table, and ironing-board. Combination step.....	E. H. Painter.....	837,714	Dec. 4	882	199	125	1574
Ladders and the like. Bracket for step.....	J. Jackson.....	821,498	May 22	5048	1075	122	1300
Ladders. Antislip attachment for.....	H. D. Hinckley.....	816,914	Apr. 3	730	151	121	1520
Ladle.....	B. C. White.....	820,613	May 15	3214	690-1	122	836
Lamp.....	J. C. and J. W. Aschenbach.....	814,183	Mar. 6	351	72	121	76
Lamp.....	W. T. Maney.....	814,225	Mar. 6	435	89-90	121	94
Lamp.....	T. D. Davis.....	814,361	Mar. 6	734	149	121	162
Lamp.....	R. W. Lawrence.....	824,729	July 3	60	12	123	19
Lamp.....	E. G. Haden.....	826,423	July 17	3488	726	123	913
Lamp.....	R. M. Dixon.....	829,104	Aug. 21	2837	506	123	2443
Lamp.....	M. E. B. Lane.....	830,602	Sept. 11	1430	297	124	382
Lamp.....	A. Lang and H. F. Smith.....	833,468	Oct. 16	2953	627	124	2021
Lamp.....	B. S. Belcher.....	837,778	Dec. 4	995	223	125	1601
Lamp. Acetylene dash.....	W. C. Greene.....	834,572	Oct. 30	5352	1136	124	2700
Lamp. Acetylene-gas-generating.....	F. E. Baldwin.....	821,580	May 22	5190	1108	122	1330

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Lamp. Alcohol-.....	A. A. Warner.....	815,884	Mar. 20	3861	819	121	945
Lamp. Alcohol-.....	G. T. Sutterley.....	820,151	May 8	2303	503	122	576
Lamp and boiler. Combined alcohol.....	G. W. Huber.....	822,859	June 5	1245	256	122	1999
Lamp and lantern.....	C. Bergener.....	833,951	Oct. 23	3964	842	124	2314
Lamp and lantern holder.....	W. N. Roberts and H. B. Mathews.	835,036	Nov. 6	319	69	125	82
Lamp and prismatic-glass reflector. Composite electrical	O. A. Mygatt.....	823,619	June 19	2807	595	122	2446
Lamp. Arc-.....	S. H. Blake and G. R. Davison.....	822,240	June 5	19	4	122	1733
Lamp. Arc-.....	A. Hausold.....	831,282	Sept. 18	2797	590	124	758
Lamp. Arc-.....	F. S. Murray.....	836,774	Nov. 27	3751	800	125	1059
Lamp attachment.....	J. M. Cropper.....	823,160	June 12	1872	387	122	2183
Lamp attachment.....	E. J. Batson.....	834,505	Oct. 30	5234	1111	124	2672
Lamp-attaching means. Miner's-.....	W. Minery.....	835,308	Nov. 6	864	183	125	219
Lamp-bracket.....	W. W. Snowhill.....	832,000	June 12	1529	318	122	2110
Lamp-bracket. Adjustable.....	W. G. Schaeffer.....	821,749	May 29	5562	1183	122	1470
Lamp bracket. Electric.....	G. C. Wright.....	810,244	Jan. 16	3304	685	120	804
Lamp-bulbs. Blowing off the necks of.....	E. L. Elliott.....	818,674	Apr. 24	4255	915	121	2451
Lamp bulbs. Finishing electric-.....	G. P. McDonnell.....	829,539	Aug. 28	3790	805	123	2724
Lamp-burner.....	W. M. Merchant.....	808,770	Jan. 2	298	64	120	68
Lamp-burner.....	D. Joyal.....	809,112	Jan. 2	983	203	120	217
Lamp-burner.....	M. O. Amundson.....	810,457	Jan. 23	3502	781	120	950
Lamp-burner.....	W. G. Rankin.....	813,172	Feb. 20	3306	727	120	2297
Lamp-burner.....	F. W. Dressel.....	813,202	Feb. 20	3357	738	120	2307
Lamp-burner.....	C. H. Dressel.....	814,591	Mar. 6	1179	247	121	256
Lamp-burner.....	E. D. Holley.....	816,232	Mar. 27	4555	970	121	1149
Lamp-burner.....	L. Lorenz.....	819,564	May 1	1037	227	122	233
Lamp-burner.....	L. Lorenz.....	819,565	May 1	1038	227	122	234
Lamp-burner.....	G. Kerr.....	821,171	May 22	4389	934	122	1156
Lamp-burner.....	M. C. Ayer.....	823,200	June 12	1971	410	122	2207
Lamp-burner.....	B. F. Fowler.....	826,156	July 17	2990	621	123	793
Lamp-burner.....	R. H. Maple.....	826,677	July 24	4075	845	123	1084
Lamp-burner.....	J. H. Morrison.....	827,812	Aug. 7	248	50	123	1733
Lamp-burner.....	F. A. Schuetz.....	833,004	Oct. 9	1977	413	124	1728
Lamp-burner.....	G. A. Hall.....	836,111	Nov. 20	2381	503	125	688
Lamp-burner.....	L. D. Landrum.....	838,791	Dec. 18	2999	647	125	2182
Lamp-burner.....	J. H. Morrison.....	839,175	Dec. 25	3758	812	125	2416
Lamp-burner attachment.....	J. H. Ferguson.....	837,211	Nov. 27	4629	984	125	1274
Lamp-burner for lighting and heating purposes.....	G. Fuchs.....	833,711	Oct. 16	3435	732	124	2132
Lamp burner. Oil-.....	J. Sharples.....	820,068	May 8	2142	466	122	541
Lamp-burners. Flame-regulator for.....	H. R. White.....	824,395	June 26	4280	912	122	2820
Lamp-burners. Wick-holding attachment for.....	A. A. Wemmergren.....	825,993	July 17	2679	555	123	717
Lamp. Caboose signal-.....	D. H. Flynt.....	831,273	Sept. 18	2773	585	124	752
Lamp. Candle-.....	W. J. Rogers.....	819,379	May 1	706	149	122	161
Lamp. Candle-.....	F. Baumer.....	832,356	Oct. 2	676	130	124	1375
Lamp. Carbureting-.....	E. B. Ludwig.....	816,669	Apr. 3	251	59	121	1415
Lamp-chimney.....	H. M. Webb.....	830,942	Sept. 11	2096	442	124	556
Lamp-chimney fastener.....	J. Stewart.....	816,949	Apr. 3	813	167	121	1539
Lamp-chimney holder.....	W. J. Snow.....	814,566	Mar. 6	1133	236	121	246
Lamp-chimneys, &c. Independent attachment for.....	T. H. Furman.....	839,283	Dec. 25	3974	853	125	2467
Lamp cluster. Incandescent.....	H. Hubbell.....	817,642	Apr. 10	2161	458	121	1886
Lamp cluster. Incandescent.....	H. Hubbell.....	835,282	Nov. 6	811	169	125	205
Lamp-collar.....	J. W. Collins.....	814,431	Mar. 6	886	182	121	193
Lamp. Electric.....	J. T. H. Dempster.....	821,470	May 22	4998	1063	122	1291
Lamp. Electric.....	A. Ackerman.....	830,698	Sept. 11	1649	339	124	445
Lamp. Electric-arc.....	E. J. Murphy.....	823,958	June 19	3449	737	122	2588
Lamp. Electric-arc.....	C. E. Jones.....	839,482	Dec. 25	4369	934-5	125	2563
Lamp. Electric candle.....	C. K. Decherd.....	835,816	Nov. 13	1850	391	125	511
Lamp. Electric glow-.....	J. Van Vleck.....	832,934	Oct. 9	1852	383-4	124	1697
Lamp. Electric hand-.....	H. F. Stakelbeck.....	817,346	Apr. 10	1579	333	121	1765
Lamp. Electric incandescent.....	W. J. Phelps.....	814,162	Mar. 6	315	63	121	69
Lamp. Electric incandescent.....	W. von Bolton.....	817,732	Apr. 10	2327	500	121	1927
Lamp. Electric incandescent.....	O. Feuerlein.....	819,009	Apr. 24	4911	1055	121	2594
Lamp. Electric incandescent.....	W. J. Phelps.....	819,793	May 8	1523	323	122	403
Lamp. Electric incandescent.....	F. M. F. Cazin.....	835,938	Nov. 13	2060	439	125	558
Lamp. Electric vapor-.....	H. I. Wood.....	831,400	Sept. 18	3006	639	124	810
Lamp-extinguisher.....	J. E. Richardson.....	815,215	Mar. 13	2452	511	121	594
Lamp-extinguisher.....	G. Kerr.....	822,457	June 5	433	88-9	122	1819
Lamp-extinguishing device.....	L. Nissim.....	832,023	Sept. 25	4279	895	124	1174
Lamp filament and making the same. Incandescent-.....	J. M. Canello.....	829,568	Aug. 28	3847	.....	123	2739
Lamp filling-funnel. Carbide-.....	W. W. Harris.....	825,904	July 17	2502	520	123	666
Lamp fitting. Electric-.....	A. J. Bonnella.....	825,182	July 3	981	206	123	256
Lamp fixture. Electric-.....	R. B. Benjamin.....	825,445	July 10	1555	321	123	424
Lamp fixture. Electrical-.....	N. Weeks.....	825,434	July 10	1531	317	123	417
Lamp flashing device. Gas-.....	C. Ridderhof and G. M. Johnston.	831,473	Sept. 18	3147	666	124	847
Lamp for burning liquid combustibles.....	L. Nissim.....	829,798	Aug. 28	4335	916-17	123	2858
Lamp for burning oil, &c.....	G. Bentote.....	813,940	Feb. 27	4831	1066	120	2682
Lamp for photographers' use. Flash-.....	G. F. Fraley.....	835,240	Nov. 6	736	153	125	186
Lamp. Gas.....	R. M. Dixon.....	813,487	Feb. 27	3939	865	120	2491
Lamp. Gas.....	R. M. Dixon.....	814,120	Mar. 6	239	45	121	52
Lamp. Gas.....	R. M. Dixon.....	814,121	Mar. 6	243	46	121	54
Lamp. Gas.....	F. A. Ray.....	818,789	Apr. 24	4498	962-3	121	2504
Lamp. Gas.....	F. A. Ray.....	818,790	Apr. 24	4502	963	121	2505
Lamp. Gas.....	T. B. Wylie.....	819,493	May 1	915	200	122	204
Lamp. Gas.....	J. Braunstein.....	835,053	Nov. 6	362	73-4	125	96
Lamp. Gas.....	G. E. Hulse.....	835,705	Nov. 13	1625	346	125	452
Lamp. Gas.....	W. S. McLewee.....	837,333	Dec. 4	109	30	125	1381
Lamp-guard.....	E. C. Dickinson.....	810,266	Jan. 16	3356	695	120	815
Lamp-guard.....	M. M. Wood.....	811,810	Feb. 6	519	116	120	1596
Lamp-guard.....	C. Molitor.....	827,811	Aug. 7	247	50	123	1732
Lamp-guard. Electric.....	G. A. Russell.....	825,076	July 3	772	161	123	207
Lamp-guard. Incandescent.....	H. Hubbell.....	838,860	Dec. 18	3131	675	125	2217
Lamp hangers. Locking device for arc-.....	G. Cutter.....	839,367	Dec. 25	4131	886-7	125	2506
Lamp-heater.....	J. W. Summers.....	822,402	June 5	332	69	122	1798
Lamp-holder.....	T. Sharp.....	816,504	Mar. 27	5132	1088	121	1271
Lamp holder. Electric.....	R. B. Benjamin.....	825,443	July 10	1552	320	123	424
Lamp holder. Electric-incandescent.....	P. Leonard and C. H. Jones.....	816,483	Mar. 27	5092	1080	121	1262

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Lamp igniter. Gas-.....	R. Blumenfeld.....	829,761	Aug. 28	4238	898	123	2834
Lamp. Incandescent.....	J. W. Forster.....	830,477	Sept. 4	1169	245	124	289
Lamp. Incandescent.....	G. Klumpp and H. F. Herman.....	830,598	Sept. 11	1423	295-6	124	380
Lamp. Incandescent electric.....	H. C. Parker.....	812,872	Feb. 20	2703	596	120	2164
Lamp. Incandescent electric.....	H. I. Wood.....	819,624	May 1	1155	254	122	259
Lamp. Incandescent electric.....	C. Schübel.....	819,935	May 8	1794	388	122	464
Lamp. Incandescent electric.....	H. C. Parker.....	821,056	May 22	4163	885	122	1105
Lamp. Incandescent electric.....	H. C. Hubbell.....	832,730	Oct. 9	1434	289	124	1598
Lamp. Incandescent electric.....	G. P. McDonnell.....	834,990	Nov. 6	221	48	125	58
Lamp. Incandescent electric.....	G. A. Nellis.....	839,023	Dec. 18	3411	736	125	2283
Lamp. Incandescent gas-.....	J. F. W. Jost.....	809,810	Jan. 9	2403	498	120	561
Lamp. Incandescent gas-.....	L. C. Fuller.....	811,050	Jan. 30	4959	1035	120	1238
Lamp. Incandescent gas-.....	J. G. A. Kitchen.....	814,142	Mar. 6	277	56	121	61
Lamp. Incandescent gas-.....	L. T. Alton.....	827,342	July 31	5420	1127	123	1432
Lamp. Incandescent gas-.....	L. T. Alton.....	832,226	Oct. 2	430	79-80	124	1318
Lamp. Incandescent spirit-.....	W. Liedke and O. Rabenhorst.....	820,002	May 8	1994	437	122	506
Lamp. Intense-light.....	P. Lucas.....	827,380	July 31	5492	1141	123	1449
Lamp. Inverted incandescent.....	O. Wiederhold.....	832,886	Oct. 9	1761	363	124	1676
Lamp. Inverted incandescent gas-.....	T. Steinicke.....	812,961	Feb. 20	2887	637	120	2205
Lamp-jacks. Strip of.....	M. Setter.....	819,085	May 1	103	23	122	28
Lamp. Kerosene-.....	J. Wilentz.....	812,249	Feb. 13	1490	325-6	120	1864
Lamp. Kerosene incandescent.....	J. A. Mathes.....	823,733	June 19	3017	639	122	2491
Lamp lighting and extinguishing apparatus.....	J. W. White.....	835,652	Nov. 13	1543	320	125	433
Lamp lighting and extinguishing system. Street.....	G. Lentschat.....	839,774	Dec. 25	4963	1059-61	125	2710
Lamp-lighting appliance. Gas-.....	S. Shaw.....	835,117	Nov. 6	488	99	125	126
Lamp. Magnesium flash-.....	E. F. Harrison.....	813,148	Feb. 20	3265	717	120	2287
Lamp. Mercury-vapor.....	H. V. Slim-Jensen.....	838,280	Dec. 11	2033	438	125	1902
Lamp. Miner's.....	F. A. Smith.....	814,241	Mar. 6	461	96	121	99
Lamp. Miner's.....	E. D. Hodson.....	816,725	Apr. 3	344	79	121	1436
Lamp. Miner's.....	T. T. Carter and S. J. Thompson.....	818,871	Apr. 24	4653	999	121	2537
Lamp. Miner's.....	R. Zicha.....	829,824	Aug. 28	4378	925	123	2869
Lamp. Miner's.....	C. Powell.....	833,416	Oct. 16	2832	601	124	1992
Lamp. Miner's.....	P. S. Keenan.....	839,002	Dec. 18	3374	728	125	2273
Lamp. Miner's safety and other inclosed portable.....	W. Best.....	829,757	Aug. 28	4229	896	123	2831
Lamp. Oil-.....	T. S. Tarling.....	813,331	Feb. 20	3623	794-5	120	2361
Lamp. Oil-.....	H. Boggs.....	814,668	Mar. 13	1350	282	121	353
Lamp. Oil-.....	J. E. Foxlee.....	817,967	Apr. 17	2838	615	121	2094
Lamp or lantern.....	C. L. Betts.....	817,297	Apr. 10	1492	313	121	1746
Lamp or lantern.....	F. Schendewolf.....	832,815	Oct. 9	1608	330	124	1639
Lamp. Oscillating-current.....	J. E. Seeley.....	834,496	Oct. 30	5215	1108	124	2667
Lamp outfit. Portable electric.....	A. Wilson.....	812,710	Feb. 13	2385	524	120	2049
Lamp-pendant.....	H. W. Hanwell.....	820,414	May 15	2827	615	122	750
Lamp. Pendent gas and other.....	F. A. Andrews.....	812,111	Feb. 6	1151	253	120	1723
Lamp. Portable electric.....	J. L. Mulry.....	814,065	Mar. 6	128	25	121	29
Lamp receptacle. Electric.....	P. H. Jaehnicg.....	824,021	June 19	3569	762	122	2612
Lamp-regulator.....	A. L. Drum.....	814,364	Mar. 6	739	150	121	163
Lamp regulator. Gas-.....	O. M. J. Olsen and W. Gates.....	811,084	Jan. 30	5016	1048	120	1250
Lamp remover, replacer, and cleaner. Incandescent-electric.....	C. J. Rundberg.....	809,985	Jan. 16	2753	566	120	690
Lamp-rheostat.....	T. J. Bull.....	815,330	Mar. 20	2712	565	121	697
Lamp safety-shield. Miner's.....	R. I. Jenkins.....	809,111	Jan. 2	981	203	120	217
Lamp shade and protector.....	G. Strootman and H. J. Caner.....	831,311	Sept. 18	2851	604	124	772
Lamp shade. Detachable incandescent.....	H. D'Olier, Jr.....	836,490	Nov. 20	3159	670	125	879
Lamp-shade holder.....	H. A. C. Hellyer.....	835,422	Nov. 6	1106	238	125	279
Lamp-shade holder. Electric.....	F. McIntyre.....	822,219	May 29	6450	1370	122	1671
Lamp-shade-holder. Incandescent-electric.....	H. A. Wright.....	815,245	Mar. 13	2507	522	121	606
Lamp. Signal-.....	J. Heinisch.....	813,700	Feb. 27	4354	958	120	2580
Lamp. Signal-.....	A. H. Handlan, Jr.....	813,885	Feb. 27	4724	1044	120	2661
Lamp. Signal-.....	F. D. Spear.....	816,509	Mar. 27	5142	1089-90	121	1274
Lamp. Signal-.....	A. F. Prahm.....	825,936	July 17	2567	534	123	686
Lamp-socket.....	J. C. Dallam.....	829,850	Aug. 28	4430	935	123	2880
Lamp-socket.....	W. H. Nichols.....	837,638	Dec. 4	718	165	125	1532
Lamp-socket adapter.....	N. Marshall.....	825,228	July 3	1075	227	123	281
Lamp-socket adapter.....	F. J. Forbes and R. E. York.....	838,613	Dec. 18	2664	572	125	2101
Lamp socket. Cluster.....	J. H. Dale.....	818,750	Apr. 24	4427	947	121	2490
Lamp socket. Electric.....	R. B. Benjamin.....	825,444	July 10	1553	320	123	424
Lamp socket. Electric.....	J. A. Mebane.....	829,027	Aug. 21	2673	563	123	2395
Lamp-socket for ceilings.....	W. H. Rattenbury.....	834,406	Oct. 30	5066	1071	124	2825
Lamp socket. Incandescent.....	N. Marshall.....	811,161	Jan. 30	5191	1084	120	1286
Lamp socket. Incandescent.....	R. R. Miller.....	813,568	Feb. 27	4109	901	120	2529
Lamp socket. Incandescent.....	W. J. Jones.....	818,253	Apr. 17	3413	732	121	2215
Lamp socket. Incandescent.....	N. Marshall.....	822,007	May 29	6045	1288	122	1578
Lamp socket. Incandescent.....	D. B. Bullard and J. J. Minter.....	826,225	July 17	3126	649	123	823
Lamp socket. Incandescent.....	J. J. Hartley.....	831,430	Sept. 18	3068	650	124	826
Lamp socket. Incandescent.....	C. C. Sibley and G. A. Lutz.....	833,556	Oct. 16	3120	663	124	2059
Lamp socket. Incandescent.....	W. W. Jones.....	837,073	Nov. 27	4375	927	125	1212
Lamp socket. Incandescent-electric.....	F. E. Seeley.....	839,655	Dec. 25	4728	1010	125	2650
Lamp-socket lock.....	A. P. Seymour.....	811,253	Jan. 30	5375	1121	120	1327
Lamp sockets. Adapter for incandescent.....	J. C. Kircher.....	815,096	Mar. 13	2190	461	121	532
Lamp sockets. Construction of incandescent-electric.....	S. E. Doane.....	810,473	Jan. 23	3831	786	120	957
Lamp sockets. Construction of incandescent-electric.....	G. W. Goodridge.....	837,054	Nov. 27	4344	921	125	1205
Lamp-stand.....	G. W. Goodridge.....	837,055	Nov. 27	4345	921	125	1205
Lamp-support.....	H. C. Hughes.....	833,167	Oct. 16	2309	484	124	1860
Lamp-support. Adjustable.....	A. Rydquist.....	831,996	Sept. 25	4224	883	124	1160
Lamp support. Incandescent.....	J. H. Stevenson.....	815,563	Mar. 20	3175	666	121	798
Lamp support. Incandescent-electric.....	E. R. Gill.....	811,837	Feb. 6	565	125	120	1605
Lamp switching device. Electric.....	A. Romain and J. D'Ayguessives.....	826,359	July 17	3374	698	123	885
Lamp. Therapeutic.....	J. McCullough.....	817,146	Apr. 3	1173	242	121	1620
Lamp. Ultra-violet.....	H. E. Coger and J. B. Marshall.....	838,950	Dec. 18	3278	709	125	2248
Lamp. Vapor-.....	T. B. Kinraide.....	817,976	Apr. 17	2850	617	121	2096
Lamp. Vapor-.....	E. Seitz.....	810,226	Jan. 16	3271	678	120	797
Lamp. Vapor-.....	A. A. Warner.....	826,297	July 17	3251	672	123	855
Lamp. Vapor-.....	C. E. Trewella.....	829,129	Aug. 21	2897	608	123	2458
Lamp. Vapor-burning.....	W. Mitchell.....	837,238	Nov. 27	4682	994	125	1288
Lamp. Vapor electric.....	P. C. Hewitt.....	814,695	Mar. 13	1413	294	121	368
Lamp. Vehicle-.....	T. J. Corcoran.....	821,224	May 22	4483	955	122	1175
Lamps. Adjustable support for incandescent electric.....	O. T. Banks.....	816,636	Apr. 3	190	45	121	1403

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. G.	Vol.	Page.
Lamps and lanterns. Apparatus for supplying liquid fuel to burners of	T. C. Purdy	813,236	Feb. 20	3425	754	120	2320
Lamps. Apparatus for automatically lighting gas-	W. Kissel	809,814	Jan. 9	2409	499	120	562
Lamps. Apparatus for illuminating photographic studios with electric incandescent	P. G. von der Lippe	837,084	Nov. 27	4394	932	125	1217
Lamps. Applying terminals to the glowers of electric.	M. W. Hanks	822,365	June 5	270	57	122	1785
Lamps. Automatic igniter and extinguisher for gas-	F. Broel	826,533	July 24	3781	784	123	1006
Lamps. Ballast device for Nernst	L. Glaser	820,489	May 15	2975	642	122	783
Lamps. Cap for signal-	F. L. Gilman	835,608	Nov. 13	1460	312	125	412
Lamps. Ceiling-block and electric cut-out for incandescent	J. A. Mebane	829,026	Aug. 21	2672	562	123	2395
Lamps. Combined candle base and socket for miniature electric	J. H. Goehst	830,708	Sept. 11	1673	344	124	451
Lamps. Device for supporting cables of electric	J. F. Burns	816,429	Mar. 27	4988	1059	121	1240
Lamps, &c. Electric switch for street arc-	P. H. F. Spies	810,357	Jan. 16	3549	730	120	858
Lamps. Electrical connector for electric	E. A. Lowe	815,605	Mar. 20	3249	682	121	815
Lamps. Fixing incandescent	J. Levin	831,724	Sept. 25	3692	773	124	1029
Lamps. Fastening metal collars to glass	J. W. Collins	814,432	Mar. 6	887	182	121	193
Lamps. Gas-controlling device for incandescence and other gas-	F. A. Andrews	829,751	Aug. 28	4222	894	123	2829
Lamps. Gas-generating attachment for oil-	L. N. Iuppenlatz	835,859	Nov. 13	1921	406	125	525
Lamps. Lens for	S. G. Whitehouse	826,205	July 17	3087	659	123	814
Lamps. Machine for basing incandescent	A. Swan	835,377	Nov. 6	1004	213-15	125	254
Lamps. Machine for securing filament-holders into the globes of incandescent	G. P. McDonnell	829,538	Aug. 28	3788	804-5	123	2723
Lamps. Manufacture of luminant for electric	J. A. Heany	839,585	Dec. 25	4572		125	2613
Lamps. Manufacturing tipless miniature incandescent search-	O. A. Böhm	825,103	July 3	823	171	123	219
Lamps. Making incandescent	F. H. Blackburn	810,466	Jan. 23	3818	784	120	954
Lamps. Match-holder attachment for	A. H. Stow	818,201	Apr. 17	3302	706	121	2193
Lamps. Means for automatically extinguishing	E. J. Frost	827,796	Aug. 7	219	44	123	1726
Lamps. Means for controlling mercury-vaporelectric.	P. H. Thomas	809,643	Jan. 9	2107	436	120	493
Lamps of motor road-vehicles. Mounting and automatically adjusting the	L. Girardot	812,201	Feb. 13	1395	303	120	1843
Lamps. Pendant or like support for electric	H. C. Smith	837,349	Dec. 4	147	36	125	1392
Lamps, &c. Plug-socket for electric	F. J. Russell	818,791	Apr. 24	4507	963-4	121	2506
Lamps, &c. Plug-socket for electric	F. J. Russell	835,258	Nov. 6	768	161	125	194
Lamps. Producing vacuum-	D. M. Moore	814,794	Mar. 13	1610	338	121	411
Lamps. Receptacle for incandescent electric	A. P. Seymour	817,396	Apr. 10	1686	356	121	1788
Lamps. Receptacle for incandescent electric	A. P. Seymour	817,449	Apr. 10	1796	377	121	1811
Lamps. Suspensory device for electric	S. R. Bell	832,951	Oct. 9	1879	390	124	1708
Lamps. Thermostatic switch for incandescent electric	J. V. A. Kimmey, Jr.	809,700	Jan. 9	2207	457	120	517
Lamps, &c. Vaporizer and wickless burner for oil-	J. F. Schnell	822,870	June 5	1268	261	122	2004
Lamp-lighter. Electric	P. W. and A. A. Arduino	810,384	Jan. 23	3628	747	120	909
Land-clearing machine	C. H. McNally	809,523	Jan. 9	1851	384	120	440
Land-roller	J. H. Wolf	810,453	Jan. 23	3792	780	120	948
Land-roller	W. J. Dunham	811,909	Feb. 6	721	157	120	1637
Land-roller	J. C. F. Kelch	818,097	Apr. 17	3077	664	121	2144
Land-roller	R. S. Buch	819,721	May 8	1360	294	122	366
Land-roller	W. H. Teaby	827,329	July 31	5398	1121	123	1427
Land-roller	S. Warner	827,387	July 31	5991	1245	123	1570
Land-roller	E. S. Wilder	830,126	Sept. 4	458	92	124	115
Land-roller	G. J. Carpenter	830,298	Sept. 4	807	165	124	202
Land-roller and corn-planter. Combined	H. W. Thomasson	835,206	Nov. 6	661	137	125	168
Land-roller, furrow-opener, and marker. Combined	A. Macdonell	814,716	Mar. 13	1452	304	121	377
Land-smoother	M. B. Gooing	825,646	July 10	2016	422	123	538
Landside-wheel	C. D. Edwards	810,478	Jan. 23	3841	789	120	959
Lantern	A. R. Pritchard	809,462	Jan. 9	1739	359	120	416
Lantern	D. C. Kline	809,508	Jan. 9	1836	376	120	435
Lantern	J. H. Hull	817,914	Apr. 17	2727	592	121	2068
Lantern	W. S. Hamm	829,331	Aug. 21	3326	700	123	2563
Lantern	L. Moyle	831,291	Sept. 18	2812	593	124	762
Lantern	C. K. Schade	832,167	Oct. 2	304	57	124	1287
Lantern	A. Rosenberg	834,850	Oct. 30	5934	1259-60	124	2848
Lantern	C. K. Schade	836,144	Nov. 20	2465	518	125	710
Lantern	J. F. Haffey	836,574	Nov. 20	3316	707	125	916
Lantern	W. S. Hamm	836,809	Nov. 27	3826	815	125	1080
Lantern-burner	W. S. Hamm and C. I. Mitchell	826,934	July 24	4565	950	123	1205
Lantern burner device. Tubular-	D. C. Kline	808,930	Jan. 2	607	133	120	134
Lantern crank mechanism	A. L. Edwards	814,644	Mar. 6	1282	269	121	277
Lantern-globe-lifting device	A. R. Pritchard	823,078	June 12	1695	350	122	2144
Lantern-globe rack	C. F. Bowmaster	809,422	Jan. 9	1660	341	120	397
Lantern-globes. Lever-lift for	D. C. Kline	817,430	Apr. 10	1759	369	121	1803
Lantern-holder	W. N. Roberts and H. B. Mathews	819,805	May 8	1543	328	122	407
Lantern-holder	J. G. Dittmer	824,101	June 26	3705	790-1	122	2699
Lantern-holder	H. Waldschmidt	826,294	July 17	3248	671	123	854
Lantern mechanism. Vehicle-	W. B. White	816,696	Apr. 3	302	70	121	1427
Lantern. Signal-	C. H. Dressel	813,781	Feb. 27	4511	996	120	2614
Lantern. Signal-	W. A. Wright	824,052	June 19	3630	772	122	2625
Lantern. Signal-	W. A. Wright	824,053	June 19	3631	773	122	2625
Lantern. Tubular	E. C. Everett	815,276	Mar. 13	2551	537	121	614
Lantern. Tubular	J. E. Johnson	817,372	Apr. 10	1630	344	121	1777
Lantern. Tubular	A. R. Pritchard	819,167	May 1	248	54	122	61
Lantern. Tubular	A. W. Walter	834,347	Oct. 30	4924	1043	124	2595
Lantern. Tubular	C. Bergener	835,806	Nov. 13	1831	386	125	507
Lanterns. Ball-support for	A. R. Pritchard	817,387	Apr. 10	1661	352	121	1783
Lap-board or sewing-table	K. M. Moore	815,200	Mar. 13	2425	506	121	588
Lap-ring	U. H. Shadwell	833,180	Oct. 16	2341	491	124	1869
Lap-robe	L. S. Strock	811,337	Jan. 30	5533	1154	120	1361
Lap-robe	H. L. Hoenigsberger	823,469	June 12	2479	524	122	2315
Lap-robe and coat	L. C. Skinner	834,418	Oct. 30	5071	1075	124	2628
Lap-robe for automobiles	D. Hall	832,378	Oct. 2	720	139	121	1386
Last	E. C. Woodard	817,828	Apr. 17	2542	546	121	2027
Last	A. G. Fitz	817,966	Apr. 17	2837	614	121	2094
Last	G. E. Belcher	818,407	Apr. 24	3714	797	121	2335
Last	R. Pierce	830,168	Sept. 4	537	109	124	136

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. & G.	Vol.	Page.
Last.....	H. F. Browne.....	835,746	Nov. 13	1697	361	125	471
Last.....	H. F. Browne.....	837,913	Dec. 11	1258	277	125	1709
Last-block fastener.....	J. A. Rihl.....	834,751	Oct. 30	5720	1213	124	2794
Last. Shoe.....	G. Raisbeck.....	818,048	Apr. 17	2991	646	121	2126
Last. Shoemaker's.....	M. Mathis.....	825,143	July 3	899	190	123	237
Last-thimble.....	E. S. Morton.....	813,812	Feb. 27	4562	1009	120	2625
Last-turning machine.....	F. J. Shanisey, Sr.....	831,749	Sept. 25	3727	780	124	1037
Lasts. Corn and bunion easing attachment for boot and shoe.....	J. O. Stivers.....	838,146	Dec. 11	1761	378	125	1837
Lasts. Heel-alining means for.....	E. C. Wright.....	810,594	Jan. 23	4071	838-9	120	1009
Lasts. Jack-pin for hinged.....	W. B. Arnold.....	819,970	May 8	1902	421	122	484
Lasts. Nail-clenching device for the heels of wooden.....	J. O. Stivers.....	822,489	June 5	507	103	122	1837
Lasts. Tack-puller for shoe.....	P. S. Kingsland.....	838,422	Dec. 11	2297	497	125	1968
Lasting and sewing machine for boots and shoes.....	J. Keats.....	818,766	Apr. 24	4451	954-5	121	2495
Lasting and tacking machine.....	H. Walther.....	836,290	Nov. 20	2771	588	125	787
Lasting apparatus. Boot and shoe.....	A. F. Bott.....	828,300	Aug. 14	1230	257	123	2000
Lasting boots and shoes. Upper-holding clamp for.....	J. O. Jones.....	817,373	Apr. 10	1631	344-5	121	1777
Lasting-machine.....	C. V. de Lummen.....	816,587	Apr. 3	69	16-17	121	1371
Lasting-machine.....	M. Brock.....	823,664	June 19	2900	614	122	2469
Lasting mechanism for tacking and stapling machines.....	H. Walther.....	823,906	June 19	3350	714	122	2566
Lasting tool. Shoe.....	J. C. Murray.....	829,482	Aug. 28	3664	774	123	2694
Latch.....	A. Shepard.....	809,534	Jan. 9	1869	388	120	445
Latch.....	J. O. Steensland and W. Weaver.....	811,880	Feb. 6	667	146	120	1626
Latch.....	J. L. Greenwood.....	813,376	Feb. 20	3707	815	120	2379
Latch.....	A. B. Vanes.....	815,493	Mar. 20	3038	634	121	770
Latch.....	J. W. Pettijohn.....	815,553	Mar. 20	3158	661	121	795
Latch.....	W. H. Taylor.....	817,455	Apr. 10	1811	380-1	121	1815
Latch.....	A. Shepard.....	817,878	Apr. 17	2647	575	121	2049
Latch.....	H. H. Engebretson.....	824,417	June 26	4343	923	122	2832
Latch.....	A. Shepard.....	828,780	Aug. 14	2177	460	123	2241
Latch.....	D. Cassels.....	834,508	Oct. 30	5238	1112	124	2673
Latch.....	J. Broadbelt.....	835,273	Nov. 6	799	167	125	202
Latch.....	J. E. Gloekler.....	837,298	Dec. 4	48	14	125	1365
Latch.....	B. L. Field.....	839,744	Dec. 25	4912	1050	125	2696
Latch. Alarm.....	C. E. C. Edey.....	818,362	Apr. 17	3609	773-4	121	2257
Latch and lock. Door.....	G. A. Lindström.....	820,056	May 8	2108	459-60	122	533
Latch and lock. Sliding-door.....	G. C. Emmert.....	810,927	Jan. 30	4731	987-8	120	1188
Latch device.....	C. C. Shive.....	813,595	Feb. 27	4151	910	120	2537
Latch. Door.....	E. H. Roy.....	812,092	Feb. 6	1115	246	120	1715
Latch. Door.....	N. M. Hutton.....	823,786	June 19	3123	662	122	2515
Latch. Door.....	L. C. and F. R. Peck.....	830,361	Sept. 4	928	192	124	229
Latch. Door.....	J. B. Engstrom.....	838,701	Dec. 18	2836	609	125	2144
Latch. Double automatic.....	F. C. Anderson.....	815,136	Mar. 13	2282	477	121	553
Latch for sliding doors. Automatic.....	J. R. Hughes.....	838,333	Dec. 11	2123	459	125	1926
Latch. Gate.....	G. Warner.....	809,544	Jan. 9	1888	392	120	449
Latch. Gate.....	J. S. Drennan.....	809,608	Jan. 9	2031	421	120	478
Latch. Gate.....	E. O. Baylor.....	814,665	Mar. 13	1343	280	121	352
Latch. Gate.....	J. S. Johnson.....	819,284	May 1	506	106	122	117
Latch. Gate.....	M. I. Jackson.....	821,363	May 22	4782	1017	122	1244
Latch. Gate.....	N. A. McPhail.....	824,195	June 26	3888	830	122	2740
Latch. Gate.....	C. O. Young.....	825,690	July 10	2108	439	123	561
Latch. Gate.....	W. R. Morris.....	826,952	July 24	4588	955	123	1211
Latch. Gate.....	J. W. Johnston.....	830,327	Sept. 4	858	177	124	214
Latch. Knob.....	J. Christensen.....	814,186	Mar. 6	356	73	121	78
Latch mechanism.....	H. G. Voight.....	827,335	July 31	5410	1124-5	123	1429
Latch mechanism.....	H. G. Voight.....	829,745	Aug. 28	4213	892	123	2827
Latch mechanism.....	H. G. Voight.....	833,266	Oct. 16	2521	526	124	1914
Latch mechanism. Night.....	H. P. Townsend.....	834,338	Oct. 30	4904	1039	124	2588
Latch mechanism with automatic detent.....	H. G. Voight.....	833,267	Oct. 16	2522	527	124	1915
Latch or bolt. Foot.....	G. B. Hinman and F. F. Spencer.....	831,283	Sept. 18	2798	590	124	759
Latch. Refrigerator-door.....	E. J. Wiser.....	812,107	Feb. 6	1144	251	120	1722
Latch. Spring.....	J. L. Zeisler.....	816,835	Apr. 3	572	119	121	1486
Latch. Spring.....	M. S. Keeler.....	824,027	June 19	3583	764	122	2615
Lath and facing-tile.....	W. B. Fenn.....	830,313	Sept. 4	834	771	124	209
Lath. Sheathing.....	E. S. Crull.....	838,387	Dec. 11	2230	482	125	1950
Lath-supporting means. Metallic.....	M. Hegbom.....	815,292	Mar. 13	2586	544	121	623
Lathing. Machine for weaving sheet.....	J. D. O'Brien.....	823,628	June 19	2830	599	122	2450
Lathing machinery.....	S. C. Lingenfelter.....	835,026	Nov. 6	304	65	125	79
Lathing system.....	E. Nidds.....	820,246	May 8	2496	539	122	619
Lathe.....	J. J. Pealing and J. D. Harrison.....	815,733	Mar. 20	3534	741-2	121	877
Lathe.....	C. G. Richardson.....	824,207	June 26	3914	836-9	122	2745
Lathe attachment.....	M. C. Zange.....	809,353	Jan. 9	1497	302-3	120	365
Lathe attachment.....	G. H. Mong.....	809,717	Jan. 9	2238	465	120	524
Lathe attachment.....	C. G. Taylor.....	817,885	Apr. 17	2663	579	121	2052
Lathe. Automatic.....	J. Buckley.....	834,359	Oct. 30	4948	1048-50	124	2599
Lathe. Crank-axle.....	J. L. Bogert.....	836,360	Nov. 20	2895	614	125	815
Lathe-dog.....	T. C. Patterson.....	813,445	Feb. 27	3856	845	120	2471
Lathe-dog.....	A. Krus.....	818,454	Apr. 24	3796	815	121	2352
Lathe-dog.....	H. E. Clark.....	827,079	July 31	4876	1017	123	1295
Lathe-driver.....	D. H. Teas.....	815,659	Mar. 20	3363	704	121	841
Lathe follower-rest.....	W. Lodge and N. D. Chard.....	809,513	Jan. 9	1832	378-9	120	437
Lathe for turning axles.....	C. Mills.....	823,614	June 19	2796	592-3	122	2443
Lathe-indicator.....	G. E. Peterson.....	811,244	Jan. 30	5352	1118	120	1322
Lathe. Screw-making and metal-turning.....	H. P. Trueman and E. D. Cleghorn.....	808,887	Jan. 2	527	116-18	120	117
Lathe shaft-straightener.....	L. O. Goodwin.....	837,267	Nov. 27	4741	1004-5	125	1302
Lathe tool-holder.....	H. W. Hathorn.....	822,122	May 29	6267	1334	122	1630
Lathe tool-holder.....	G. T. Reiss.....	835,764	Nov. 13	1742	371	125	481
Lathe tool-holder.....	J. W. Reynolds.....	838,453	Dec. 11	2346	509	125	1980
Lathe tool-holder and steady-rest.....	L. R. Barker.....	830,635	Sept. 11	1511	312	124	406
Lathe tool-rest. Turning.....	C. Teugenzler.....	839,752	Dec. 25	4926	1052	125	2700
Lathe. Turning.....	F. Neudorff.....	828,897	Aug. 21	2418	514-15	123	2333
Lathe. Turret.....	C. J. Forsberg.....	821,351	May 22	4754	1011-12	122	1238
Lathe work-rest.....	W. F. Parsons.....	808,676	Jan. 2	103	23	120	25
Lathes. Attachment for increasing the swing of.....	A. V. Carroll.....	821,608	May 29	5268	1123	122	1404
Lathes. Change-speed gearing for engine.....	H. L. Flather.....	810,634	Jan. 23	4147	857-8	120	1027
Lathes. Gearing-indicator for screw-cutting.....	H. Möhlenbruck.....	814,467	Mar. 6	946	193	121	206

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. E.	Vol.	Page.
Lathes. Knife-holder for veneer.	M. H. Norton	812,078	Feb. 6	1091	239	120	1711
Lathes. Pulley-crowning attachment for.	H. McLeod	822,754	June 5	1044	214	122	1958
Lathes. Thread-cutting tool for.	O. G. Simmons	817,451	Apr. 10	1805	379	121	1814
Lathing apparatus.	H. F. Schelling	834,760	Oct. 30	5740	1218	124	2800
Lattice.	P. Jaeger	817,716	Apr. 10	2277	491	121	1911
Lauder.	R. L. Dimmick	831,545	Sept. 25	3306	694	124	923
Laundered articles. Machine for bundling.	C. L. Brown	826,761	July 24	4241	881	123	1126
Laundries and the like. Garment-marker for.	D. C. Voss	808,788	Jan. 2	335	72	120	75
Laundry-article-marking machine.	C. W. Canine	830,567	Sept. 11	1367	284	124	367
Laundry-assorting receptacle.	E. E. and D. R. Niswonger	823,433	June 12	2417	509	122	2302
Laundry-bag.	S. G. Coburn	821,986	May 29	6005	1281	122	1569
Laundry-iron. Electric.	E. H. Richardson	809,529	Jan. 9	1861	387	120	443
Laundry-register.	G. R. James	815,174	Mar. 13	2355	493	121	570
Lavatory.	C. Weelans	828,912	Aug. 21	2452	521	123	2343
Lavatory apparatus.	F. E. Wilkison	827,278	July 31	5296	1098	123	1401
Lavatory-fixture.	A. P. Cregue	812,832	Feb. 20	2624	574-5	120	2147
Lavatory, kitchen, and laundry apparatus. Combination.	W. C. James	834,983	Nov. 6	202	44	125	53
Lawn-edge trimmer and ditcher.	J. M. Aldrich	818,510	Apr. 24	3916	843	121	2376
Lawn-edger.	G. Vincent	813,539	Feb. 27	4044	886	120	2515
Lawn-rake.	E. R. Frederick	828,646	Aug. 14	1916	402	123	2176
Lawn-rake.	A. H. Ohman	831,181	Sept. 18	2589	546	124	704
Lawn-rake and snow-scoop. Combined.	R. F. Lawson	827,542	July 31	5919	1226	123	1553
Lawn-sprinkler.	O. P. Waggener	815,495	Mar. 20	3045	635	121	771
Lawn-sprinkler.	J. A. Barkeley and C. L. Grigsby	825,575	July 10	1831	389	123	489
Lawn-trimmer.	E. Pierce and F. Laux	810,344	Jan. 16	3514	725	120	851
Lawn-trimmer.	H. B. Pitner	818,708	Apr. 24	4329	928	121	2467
Lawn-trimming device.	H. O. Secrest	819,176	May 1	270	58	122	68
Leach-pitcher.	J. C. Dunn	818,752	Apr. 24	4430	947-8	121	2490
Leaching apparatus. Potash.	E. F. Bernhardt	813,078	Feb. 20	3113	682-3	120	2255
Leaching solutions. Treating acid.	P. F. Cowing	825,302	July 10	1222	.....	123	336
Leaching-tank.	A. B. Mouck	808,675	Jan. 2	101	23	120	25
Leaching-tank.	C. Voelker	834,088	Oct. 23	4389	933	124	2411
Lead bullion. Desilverizing.	A. Raht	826,114	July 17	2921	.....	123	776
Lead compounds. Dry method of preparing.	J. P. Neville	812,357	Feb. 13	1694	373	120	1911
Lead-cutters, &c. Gage attachment for.	G. M. Durell	814,193	Mar. 6	370	75-6	121	81
Lead into lead sulfate. Converting spongy.	C. J. Reed	825,981	July 17	2645	549	123	707
Lead-making apparatus. White.	J. W. Bailey	823,097	June 12	1746	359-60	122	2156
Lead. Making hydrated oxid of.	J. H. Bridge and C. Ellis	811,552	Feb. 6	28	.....	120	1491
Lead-producing apparatus. White.	J. W. Bailey	830,196	Sept. 4	599	121	124	153
Lead-refining apparatus.	A. G. Betts	827,702	Aug. 7	15	3	123	1674
Leader and pipe. Tar-lined.	F. Greenthaler	811,288	Jan. 30	5448	1135	120	1343
Leaf-flexing machine.	H. S. and W. G. Jones	810,540	Jan. 23	3962	815-17	120	986
Leaf-guard attachment.	G. Goodchild	824,859	July 3	364	69	123	99
Leaf-holder.	H. V. Wagoner	821,142	May 22	4346	924	122	1146
Leaf-holder for use in transferring entries.	J. M. D. McGregor	809,128	Jan. 2	1007	208	120	222
Leaf or fabric and making the same. Thin.	H. R. Gregory	826,781	July 24	4269	.....	123	1133
Leaf. Sample.	O. Anchell	836,358	Nov. 20	2892	613	125	814
Leaf-turner.	G. Hubert	811,225	Jan. 30	5320	1112	120	1315
Leaf-turner.	F. G. Lavin	815,183	Mar. 13	2386	497	121	578
Leaf-turner.	M. J. Brennan	816,068	Mar. 27	4242	898	121	1087
Leaf-turner.	K. H. Dillon	829,855	Aug. 28	4443	939	123	2884
Leaf-turner.	W. E. Sieger	832,172	Oct. 2	311	58	124	1288
Leaf-turner.	O. F. Halverson	833,323	Oct. 16	2639	554-5	124	1945
Leaf-turner.	H. Pedretti and A. Reuss	836,703	Nov. 27	3603	768	125	1019
Leaf-turning apparatus for books, music, &c.	L. G. Giles	827,970	Aug. 7	555	113	123	1810
Leaf-stop.	A. T. Herrick	813,891	Feb. 27	4736	1047	120	2664
Leaf-stopper.	C. C. Collette	838,524	Dec. 18	2495	540	125	2060
Leather and making the same. Artificial.	S. Meers	837,700	Dec. 4	854	.....	125	1567
Leather and manufacturing the same.	B. Trenckmann	831,491	Sept. 18	3176	.....	124	854
Leather and the like. Implement for cutting.	E. R. Shaw	815,643	Mar. 20	3335	698-9	121	835
Leather-board-making machine.	E. D. Alvord and H. R. Knox	824,086	June 26	3687	785	122	2695
Leather. Composition of matter for softening and bleaching sole.	W. F. Morang	820,121	May 8	2244	.....	122	563
Leather-cutting machine.	J. Smith	820,148	May 8	2298	502	122	574
Leather, &c. Die for cutting and punching.	F. Mertinz	835,969	Nov. 13	2109	452	125	569
Leather. Dyeing.	R. Rieder	816,378	Mar. 27	4875	1034	121	1217
Leather. Dyeing.	R. Rieder	839,645	Dec. 25	4710	1006	125	2646
Leather heating and stuffing apparatus. Combined.	P. H. Grimm	836,876	Nov. 27	3944	842-3	125	1110
Leather. Machine for use in the manufacture of.	J. Forster	832,786	Oct. 9	1549	319	124	1625
Leather mat.	J. R. Stine	837,431	Dec. 4	311	74	125	1433
Leather. Method of and apparatus for shredding.	O. M. Cutler	819,863	May 8	1649	352	122	433
Leather. Oil-dressing for.	H. Schowalter	821,260	May 22	4557	.....	122	1192
Leather or leather-waste. Detanning mineral or chrome tanned.	A. R. Weiss, Jr.	837,016	Nov. 27	4253	.....	125	1181
Leather. Preparing.	P. Magnus and T. J. Davis	837,859	Dec. 4	1152	.....	125	1640
Leather-scarfing machine.	M. A. Holmes and G. W. Allen	820,975	May 22	4003	850-1	122	1071
Leather-seasoning machine.	W. H. Moore	809,718	Jan. 9	2240	465-6	120	524
Leather-shredder.	O. M. Cutler	819,862	May 8	1648	351-2	122	433
Leather skiving and folding machine.	F. L. Harmon. (Reissue)	12,535	Oct. 2	1121	225-6	124	1484
Leather-splitting machines. Adjustable bearing for.	H. M. Smith	838,472	Dec. 11	2391	518	125	1991
Leather-splitting machines. Means for truing the spring-rolls of.	W. D. Quigley and J. H. Gay	819,168	May 1	249	54	122	62
Leather-staking-machine attachment.	E. F. File	813,876	Feb. 27	4705	1041-2	120	2656
Leather straps and belts. Machine for making.	A. Feinblatt	823,269	June 12	2120	442	122	2239
Leather-stretching clamp.	C. B. Rathbun. (Reissue)	12,457	Feb. 20	3754	824	120	2390
Leather-stretching-machine clutch.	E. L. Post	824,139	June 26	3770	805	122	2713
Leather-treating machine.	E. F. Chain	835,399	Nov. 6	1056	226-7	125	267
Leather-treating machine.	C. J. Glasel	839,470	Dec. 25	4344	930	125	2558
Leather with coal-tar. Treating.	L. H. Francis	834,199	Oct. 23	4620	.....	124	2471
Leather-working machine.	F. J. Perkins	809,010	Jan. 2	768	166	120	169
Leather-working machine.	G. A. Lawrence	835,305	Nov. 6	856	182	125	216
Leather-working machines. Work-support for.	H. S. Corwin	824,848	July 3	347	64	123	96
Ledger.	F. J. and C. B. Rosenberg	810,677	Jan. 23	4218	873	120	1043
Ledger.	W. N. Winfield and J. Barker	814,894	Mar. 13	1779	372	121	446
Ledger.	W. Wylie	816,521	Mar. 27	5168	1096	121	1281

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	De'g.	Vol.	Page.
Ledger and binder. Loose-leaf.	R. A. Oakley.	835,196	Nov. 6	643	132-3	125	164
Ledger and daily balance. Depositor's.	C. S. Crowell.	831,539	Sept. 25	3287	692	124	917
Ledger-leaf.	L. E. Shipman.	814,239	Mar. 6	460	95	121	99
Ledger. Loose-leaf.	R. J. Frank.	809,914	Jan. 9	2601	536	120	605
Ledger. Loose-leaf.	L. M. Landing.	817,255	Apr. 10	1415	298	121	1731
Ledger. Loose-leaf.	F. Bollenbach.	818,605	Apr. 24	4119	885	121	2421
Ledger. Self-indexing loose-leaf.	S. B. Kirtley. (Reissue).	12,446	Feb. 6	1318	287	120	1759
Ledger system. Extended.	F. W. Briggs.	815,259	Mar. 13	2523	526-30	121	609
Ledgers. Leaf for loose-leaf.	C. E. Broadwell.	839,718	Dec. 25	4860	1038	125	2683
Leer.	W. M. Anderson.	813,194	Feb. 20	3341	735	120	2304
Leg. Artificial.	J. T. Appgar.	820,082	May 8	2170	472-3	122	546
Leg. Artificial.	J. A. Peer.	822,385	June 5	305	63	122	1792
Leg. Artificial.	C. B. Winn.	826,813	July 24	4322	899	123	1146
Leg. Artificial.	W. E. Erwin.	827,720	Aug. 7	46	10	123	1681
Leg. Artificial.	G. A. Erickson.	832,851	Oct. 9	1692	348-9	124	1660
Leg. Artificial.	J. Hogan.	835,428	Nov. 6	1122	241	125	282
Leg. Artificial.	G. A. Erickson.	838,779	Dec. 18	2982	642	125	2179
Leg-rest.	F. W. Flagg.	830,776	Sept. 11	1804	373-4	124	484
Legging.	M. Rosenwasser.	810,982	Jan. 30	4846	1009	120	1212
Legging-fastener.	W. W. Baumann.	832,447	Oct. 2	864	166	124	1420
Lens-clamp.	H. Seudder and R. K. Hohmann.	836,147	Nov. 20	2474	520	125	712
Lens. Colored signal.	G. A. Macbeth.	832,917	Oct. 9	1818	375	124	1689
Lens. Composite.	G. A. Macbeth.	832,916	Oct. 9	1817	375	124	1689
Lens-cutting machine.	W. W. Slade and H. F. Bower.	813,459	Feb. 27	3876	849-50	120	2475
Lens-drilling machine.	E. T. Waite.	824,220	June 26	3940	844	122	2751
Lens-focusing device.	F. A. Brownell.	834,884	Nov. 6	13	3	125	6
Lens-grinding machine.	A. Wagner.	839,345	Dec. 25	4091	879	125	2496
Lens-grinding tool.	J. L. Borsch, Jr.	816,555	Apr. 3	8	2	121	1356
Lens-mounting.	V. Bertolini.	820,174	May 8	2348	511	122	585
Lens-mounting for eyeglasses.	J. R. Van Tassel.	808,888	Jan. 2	531	119	120	118
Lenses. Apparatus for producing bifocal.	C. W. Conner.	836,486	Nov. 20	3149	668-9	125	876
Lenses. Centering.	A. Fellow.	834,020	Oct. 23	4238	898-9	124	2375
Lenses. Machine for making bifocal.	T. Mundorff.	817,503	Apr. 10	1908	401-2	121	1835
Lenses. Making bifocal.	C. N. Brown.	827,500	July 31	5825	1207	123	1530
Lenses simultaneously. Apparatus for grinding both fields of bifocal.	B. Mayer.	830,346	Sept. 4	893	183	124	221
Letter and inclosure. Combined illustrated.	J. T. H. Mitchell.	827,809	Aug. 7	243	49	123	1732
Letter-box.	G. L. Pask.	816,366	Mar. 27	4855	1029	121	1213
Letter-box. Street.	A. J. Arsenault.	811,611	Feb. 6	150	33	120	1518
Letter-box time-indicator.	J. C. Smith and J. S. Davis.	812,692	Feb. 13	2347	514	120	2041
Letter-case indicator.	W. D. Brown and C. H. Campbell.	820,697	May 15	3368	722	122	867
Letter. Electric sign.	H. B. Camp.	836,088	Nov. 20	2331	492	125	678
Letter-feeding mechanism.	H. E. Waite.	826,203	July 17	3083	638-9	123	814
Letters or other papers. Receptacle for.	W. A. Cooke, Jr.	821,019	May 22	4090	871	122	1090
Lettering-guide.	R. Hanssen.	835,680	Nov. 13	1586	338-9	125	443
Levee.	F. V. Wright.	813,069	Feb. 20	3101	679	120	2252
Level.	J. T. Rider.	811,175	Jan. 30	5219	1091	120	1292
Level.	T. Alexander.	812,251	Feb. 13	1492	326	120	1865
Level.	W. Potter.	812,449	Feb. 13	1878	413	120	1949
Level.	R. Leonhart.	813,561	Feb. 27	4097	898	120	2526
Level.	J. A. Traut.	820,028	May 8	2046	449	122	518
Level.	J. L. Russell.	825,760	July 10	2245	467	123	593
Level.	L. C. Sheffert.	835,986	Nov. 13	2134	458	125	575
Level.	C. A. Harding.	837,059	Nov. 27	4352	923	125	1207
Level.	E. H. Smith.	839,662	Dec. 25	4742	1013	125	2653
Level-controller. Thermostatic.	E. P. Noyes.	832,620	Oct. 9	1220	245	124	1547
Level device.	Z. H. Williams.	835,172	Nov. 6	598	122	125	151
Level. Ditching.	O. Halvorsen.	824,479	June 26	4469	947	122	2862
Level. Folding.	C. Masters.	830,796	Sept. 11	1833	381	124	492
Level. Grade.	D. W. Pelfrey and W. S. Biddle.	811,739	Feb. 6	381	83	120	1570
Level. Gravity.	J. H. Rackerby.	826,273	July 17	3207	665	123	843
Level. Long-distance.	J. H. Janssen and F. T. Koester.	819,350	May 1	638	136	122	146
Level. Plumb.	W. A. Sneed.	830,681	Sept. 11	1600	331	124	429
Level. Plumb.	J. Sechler.	834,765	Oct. 30	5762	1223	124	2804
Level. Plumb.	W. F. Foster.	836,024	Nov. 13	2197	471	125	590
Level. Plumb.	J. G. Linton.	837,314	Dec. 4	75	20	125	1373
Level. Spirit.	J. A. McCain.	808,862	Jan. 2	459	101	120	102
Level. Spirit.	C. S. Brown and J. N. Clouse.	809,275	Jan. 2	1330	270	120	293
Level. Spirit.	J. Martin.	815,191	Mar. 13	2397	500	121	580
Level. Spirit.	N. D. Chase.	817,467	Apr. 10	1841	386	121	1820
Level. Spirit.	A. T. Gibson.	824,109	June 26	3719	794	122	2703
Level. Spirit.	E. G. Hewitt.	825,320	July 10	1267	267	123	348
Level. Spirit.	M. Kleinbauer.	832,326	Oct. 2	620	119	124	1362
Level. Spirit.	G. Hicks and J. Franey.	834,132	Oct. 23	4496	954	124	2441
Level. Spirit.	C. E. Grunewald.	839,751	Dec. 25	4925	1052	125	2699
Level-surfacing machine.	R. McCoy.	815,460	Mar. 20	2990	623	121	759
Leveler and scraper. Road.	C. W. Kauffman.	836,506	Nov. 20	3183	674	125	885
Leveler. Land.	J. J. Jensen.	832,978	Oct. 9	1926	402	124	1715
Leveling instrument.	E. A. Bostrom.	814,111	Mar. 6	217	42	121	47
Leveling instrument.	H. S. Williams.	819,965	May 8	1894	419	122	482
Leveling-rod.	E. Wiswall.	828,166	Aug. 7	937	192-3	123	1900
Leveling-rod.	W. L. E. Keuffel.	833,880	Oct. 23	3811	809-10	124	2273
Leveling-staff.	O. Halvorsen.	826,246	July 17	3155	655	123	830
Lever. Compound spring.	W. V. Gilbert.	833,042	Oct. 9	2052	431-2	124	1746
Lever. Power-controlling.	G. W. Lorimer.	812,216	Feb. 13	1422	310	120	1850
Lever with locking device. Hand.	J. Kunz.	814,301	Mar. 6	589	123-4	121	127
Levers. Bearing-bracket for uncoupling.	J. H. Young.	833,105	Oct. 9	2170	456	124	1777
Lewis.	A. G. Quist.	822,769	June 5	1070	220	122	1963
Lewis-bolt.	J. P. Murphy and N. W. Rancourt.	821,952	May 29	5948	1267	122	1555
Library and desk. Revolving.	J. E. Wamble.	825,783	July 10	2285	475	123	603
Lid and cover. Ventilated.	E. L. Bauer.	836,174	Nov. 20	2526	531	125	725
Lid-fastening means for receptacles.	J. A. Snigo.	828,144	Aug. 7	899	185	123	1892
Lid-holding tie.	A. W. Gaddum.	817,312	Apr. 10	1518	318	121	1751
Lid-lifting device.	A. G. Kountz.	826,257	July 17	3179	659	123	836
Life belt or preserver.	P. C. Petrie and H. L. Des Anges.	832,999	Oct. 9	1968	411	124	1726
Life-buoy.	J. Meller.	817,652	Apr. 10	2177	462	121	1890

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Life-guard and automatic brake.....	W. R. Gardner.....	837,397	Dec. 4	239	60	125	1416
Life-guard fender for wheels.....	J. P. Kane.....	826,664	July 24	4045	838	123	1075
Life-net.....	F. S. Fearington.....	817,107	Apr. 3	1089	226	121	1600
Life-preserver.....	M. Wikstrom.....	815,394	Mar. 20	2870	596	121	732
Life-preserver.....	S. Citron.....	822,882	June 5	1290	265	122	2008
Life-preserver.....	G. Krieger.....	824,664	June 26	4826	1029	122	2940
Life-preserver signal attachment.....	A. C. Crofford.....	827,350	July 31	5434	1129	123	1436
Life-preserving or saving system.....	J. Lafave.....	839,486	Dec. 25	4379	936	125	2566
Life-raft.....	P. C. Petrie and H. L. Des Anges.....	833,000	Oct. 9	1970	411	124	1726
Life-rafts. Gear for supporting and launching.....	H. J. Matson.....	825,917	July 17	2520	525	123	671
Life-saving apparatus.....	B. Carlsen.....	814,518	Mar. 6	1038	215	121	226
Life-saving apparatus.....	A. Filler.....	816,681	Apr. 3	277	64	121	1421
Life-saving apparatus.....	J. Le Blanc.....	835,608	Oct. 16	3241	689	124	2088
Life-saving apparatus for ships.....	S. G. Stevens.....	829,179	Aug. 21	3021	631	123	2488
Life-saving appliance.....	F. W. Ziegler.....	813,609	Feb. 27	4187	918	120	2545
Life-saving device.....	J. W. Dalton.....	814,116	Mar. 6	230	44	121	50
Life-saving device.....	O. Hessel.....	829,472	Aug. 28	3648	771	123	2690
Life-saving raft.....	H. J. Matson.....	818,183	Apr. 17	3267	700	121	2186
Life-saving suit. Pneumatic.....	E. Morrell.....	836,524	Nov. 20	3225	687	125	894
Lift-door.....	W. E. S. Mackay.....	810,873	Jan. 23	4589	955	120	1123
Lift-plate.....	E. C. Cole.....	810,721	Jan. 23	4301	893	120	1061
Lift-separator. Automatic.....	S. W. Sinsheimer.....	809,022	Jan. 2	787	170	120	173
Lifts, elevators, conveyers, &c. Means for controlling electric	H. C. E. Jacoby.....	828,210	Aug. 7	1017	213	123	1920
Lifter:							
See Block-lifter. Pump-rod lifter.							
Bottle-cap lifter. Store-goods lifter.							
Box-lifter. Stove-lifter.							
Building-block lifter. Stove-lid lifter.							
Can-lifter. Transom-lifter.							
Cement-block lifter. Ventilator-lifter.							
Curtain-pole lifter. Wagon-box and hay-rack lifter.							
Pan-lifter. Wagon-body lifter.							
Plate, pan, or pot lifter. Window-lifter.							
Pot-lifter. Window-lifter.							
Lifter.....	J. E. Chenet.....	821,088	May 22	4238	901	122	1121
Lifter.....	W. P. Morrow.....	838,041	Dec. 11	1515	325	125	1775
Lifter-rod holder and guide.....	A. F. and C. H. Norris.....	822,071	May 29	6170	1315	122	1608
Lifting and carrying apparatus. Load.....	T. B. Howe.....	839,479	Dec. 25	4363	933	125	2562
Lifting and separating wheel.....	A. Maguin.....	810,066	Jan. 16	2946	614	120	732
Lifting apparatus.....	J. Neubauer.....	812,356	Feb. 13	1693	372	120	1911
Lifting device.....	J. C. Wands.....	811,344	Jan. 30	5552	1158	120	1365
Lifting device.....	K. Kiefer.....	813,384	Feb. 20	3721	818	120	2382
Lifting device.....	R. E. Gipple.....	832,251	Oct. 2	481	89-90	124	1329
Lifting device.....	J. Hartogh.....	834,381	Oct. 30	5004	1059	124	2613
Lifting device. Portable.....	R. Place.....	825,156	July 3	930	197	123	245
Lifting heavy metallic plates. Device for.....	M. Maynard.....	815,452	Mar. 20	2975	619	121	756
Lifting-hook.....	L. L. Davis.....	815,148	Mar. 13	2307	482	121	559
Lifting-hook.....	J. A. Lease.....	822,897	June 5	1317	271	122	2014
Lifting-jack.....	J. J. Shannon.....	809,584	Jan. 9	1968	408	120	464
Lifting-jack.....	G. H. Gilman.....	810,482	Jan. 23	3845	790	120	961
Lifting-jack.....	S. S. Eveland.....	811,136	Jan. 30	5139	1074	120	1275
Lifting-jack.....	H. M. Marsh.....	811,731	Feb. 6	364	80	120	1567
Lifting-jack.....	W. H. Griffith.....	812,128	Feb. 6	1182	259	120	1730
Lifting-jack.....	H. M. Marsh.....	812,580	Feb. 13	2150	471	120	2004
Lifting-jack.....	E. T. Trefethen.....	814,576	Mar. 6	1152	240	121	250
Lifting-jack.....	W. E. Gaston.....	817,637	Apr. 10	2151	457	121	1884
Lifting-jack.....	I. C. Huffman.....	817,917	Apr. 17	2732	593	121	2069
Lifting-jack.....	J. H. Monteith.....	818,040	Apr. 17	2981	644	121	2124
Lifting-jack.....	W. J. Gray.....	818,436	Apr. 24	3765	809	121	2346
Lifting-jack.....	S. T. Gogley.....	819,539	May 1	993	218	122	224
Lifting-jack.....	N. Weiler.....	819,825	May 8	1583	336	122	417
Lifting-jack.....	F. D. Tarver.....	820,832	May 15	3663	782	122	934
Lifting-jack.....	W. Trewhella.....	821,769	May 29	5600	1193	122	1479
Lifting-jack.....	W. A. Story and W. A. Hall.....	821,840	May 29	5736	1221	122	1509
Lifting-jack.....	T. Schramm.....	822,157	May 29	6338	1348	122	1646
Lifting-jack.....	E. Cook.....	822,350	June 5	249	52	122	1780
Lifting-jack.....	W. F., P., and L. Kidd.....	823,949	June 19	3432	732-3	122	2584
Lifting-jack.....	B. R. Beaver.....	824,614	June 26	4739	1009	122	2921
Lifting-jack.....	C. W. and E. Tanner.....	824,758	July 3	123	23	123	36
Lifting-jack.....	W. C. Whitcomb.....	826,132	July 17	2947	612	123	782
Lifting-jack.....	J. B. Runner.....	826,278	July 17	3216	667	123	845
Lifting-jack.....	F. M. Patterson.....	828,771	Aug. 14	2156	456	123	2236
Lifting-jack.....	E. E. Thomas.....	829,238	Aug. 21	3126	658	123	2514
Lifting-jack.....	M. Hunefeld and B. C. Laub.....	830,479	Sept. 4	1173	245	124	290
Lifting-jack.....	J. C. Gebhart.....	830,659	Sept. 11	1566	322	124	421
Lifting-jack.....	N. Weiler.....	831,756	Sept. 25	3739	782-3	124	1040
Lifting-jack.....	N. Weiler.....	835,048	Nov. 6	355	72	125	94
Lifting-jack.....	J. H. Abrams.....	835,231	Nov. 6	708	146	125	179
Lifting-jack and car-wheel holder.....	W. B. Orr and W. J. McGee.....	821,823	May 29	5704	1215	122	1503
Lifting-jack and shaft-support. Combined.....	R. G. Morgan.....	816,113	Mar. 27	4332	917	121	1101
Lifting-jack and wire-stretcher.....	A. F. Wilson.....	821,565	May 22	5166	1102-3	122	1325
Lifting-jack, clamp, and wire-stretcher.....	A. J. White.....	823,149	June 12	1853	383	122	2179
Lifting-jack. Double-screw swivel.....	W. C. Morris.....	810,374	Jan. 16	3582	737	120	866
Lifting-jack. Grain-dump.....	R. L. Rhea.....	835,891	Nov. 13	1975	418-19	125	537
Lifting mechanism.....	L. C. Phillips.....	819,592	May 1	1089	239-40	122	245
Lifting, moving, and depositing materials. Appliance for.....	J. M. Henderson.....	823,861	June 19	3266	692-3	122	2548
Ligature-holder.....	J. E. Lee.....	825,224	July 3	1067	225	123	279
Light:							
See Drop-light. Search-light.							
Electric light. Sidewalk-light.							
Gas-light. Street-light.							
Head and signal light. Vault-light.							
Light-beams. Apparatus for observing the oscillations of.....	A. W. Hornauer.....	815,831	Mar. 20	3755	789	121	924
Light-extinguisher. Time.....	A. W. Dyer and A. G. Spinney.....	817,840	Apr. 17	2564	550	121	2031

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Light-extinguisher. Time.	W. E. Sewell and H. A. Trussel.	825,491	July 10	1638	341	123	444
Light-fixture.	H. R. Ives.	819,068	May 1	62	14	122	18
Light-fixture.	W. B. Brown.	827,783	Aug. 7	190	38-9	123	1716
Light hanger. Incandescent.	R. D. McIntyre.	812,355	Feb. 13	1692	372	120	1911
Light. Producing.	P. C. Hewitt.	814,696	Mar. 13	1414	294	121	369
Light-projecting apparatus.	E. W. Sohberg.	819,611	May 1	1116	247-8	122	251
Light-projector.	E. L. P. Turenne.	812,103	Feb. 6	1140	250	120	1721
Light reflecting and directing apparatus.	A. Boas and C. Rodrigues-Ely.	817,621	Apr. 10	2120	450	121	1878
Light-shade holder.	G. L. Fish.	834,513	Oct. 30	5246	1114	124	2675
Light-shades and lamp-chimneys. Holder for.	M. Phillips.	838,210	Dec. 11	1885	404	125	1868
Lighter.	A. E. Caughey.	808,725	Jan. 2	209	45	120	48
Lighter-bar stand.	M. R. Rust.	820,137	May 8	2275	495	122	570
Lighter. Pocket.	W. C. and C. F. MacDonald.	831,882	Sept. 25	4021	838	124	1110
Lighting apparatus.	G. E. Hulse.	836,114	Nov. 20	2385	504	125	689
Lighting purposes. Incandescing body for.	W. von Bolton.	817,734	Apr. 10	2330	501	121	1927
Lighthouse construction.	T. K. Thomson.	838,821	Dec. 18	3058	659	125	2197
Lightning-arrester.	F. A. Stafford.	808,882	Jan. 2	508	110	120	114
Lightning-arrester.	W. C. Jones.	811,226	Jan. 30	5322	1112	120	1316
Lightning-arrester.	W. Gifford.	812,126	Feb. 6	1179	258	120	1729
Lightning-arrester.	F. K. Singer.	814,482	Mar. 6	977	200	121	213
Lightning-arrester.	T. J. Johnston.	822,610	June 5	763	155	122	1896
Lightning-arrester.	J. E. Brelsford and J. W. Lutz.	829,055	Aug. 21	2736	574	123	2414
Lightning-arrester.	F. B. Cook.	838,304	Dec. 11	2069	447	125	1911
Lightning-conductor.	T. H. Miner.	813,660	Feb. 27	4281	941	120	2565
Lignite. Treating.	L. Sterne.	838,281	Dec. 11	2035	125	1902	
Limb. Artificial.	G. E. Wilkins.	809,875	Jan. 9	2516	522-3	120	587
Limb. Artificial.	G. E. Wilkins.	809,876	Jan. 9	2520	523	120	587
Limb. Artificial.	H. C. Wintermute.	810,180	Jan. 16	3163	655	120	775
Limb. Artificial.	W. M. Kespohl.	812,275	Feb. 13	1554	339	120	1880
Limb. Artificial.	J. F. Rowley.	813,740	Feb. 27	4421	975	120	2595
Limb. Artificial.	H. Leonard.	816,866	Apr. 3	633	132	121	1499
Limb. Artificial.	R. Rosenkranz.	817,340	Apr. 10	1565	329	121	1761
Limb. Artificial.	J. McGrady.	832,270	Oct. 2	515	97	124	1338
Limb joint. Artificial.	C. E. Kritch.	817,785	Apr. 17	2459	524	121	2008
Limb joint. Artificial.	G. W. Leirmann.	834,987	Nov. 6	217	47	125	58
Limbs. Suspensory controlling device for artificial.	T. W. Klopp.	825,659	July 10	2051	428	123	547
Lime-burning apparatus.	C. Ellis.	821,996	May 29	6025	1284	122	1574
Lime-distributor.	A. R. Klein.	839,394	Dec. 25	4182	895-6	125	2519
Lime. Making.	J. G. Jones.	832,485	Oct. 2	931	182-3	124	1436
Line-adjusting device.	A. S. Hamilton.	831,862	Sept. 25	3962	828	124	1094
Line-connecting device.	J. H. Warren.	824,222	June 26	3945	845	122	2752
Line exchange system. Multiparty.	G. Babcock.	821,701	July 3	5	1	123	4
Line-fastener.	D. W. Robbins.	810,306	Jan. 16	3444	712	120	835
Line-fastener.	D. W. Nuttall.	837,247	Nov. 27	4701	997	125	1293
Line-guide.	W. R. McGowen.	817,723	Apr. 10	2299	495	121	1918
Line-holder.	C. Straesser.	809,403	Jan. 9	1621	329	120	389
Line-holder.	T. A. Seitz.	814,808	Mar. 13	1633	343	121	416
Line-holder.	E. A. Potter.	835,289	Nov. 6	822	171	125	208
Line-holder.	J. F. Koepf.	836,193	Nov. 20	2568	542	125	733
Line-holder and cylindrical type-chase.	F. W. Weeks.	827,486	July 31	5797	1202	123	1523
Line-holder and type-chase.	F. W. Weeks.	827,485	July 31	5795	1202	123	1522
Line-reel.	G. W. Williams.	816,410	Mar. 27	4956	1053	121	1233
Line sounder. Main.	J. H. Kidney.	836,508	Nov. 20	3186	675	125	886
Line-spacer. Automatic.	L. Risk.	834,323	Oct. 30	4879	1033	124	2581
Line-stretcher.	A. P. Ferguson.	826,776	July 24	4260	885	123	1131
Line-stretcher and support.	R. M. Clapp.	826,992	July 24	4668	972	123	1229
Line-test connector.	A. Wardman.	839,346	Dec. 25	4093	879	125	2497
Lining-tool. Hand.	E. R. Harris.	816,794	Apr. 3	474	106	121	1462
Link-assembling machine. Metallic.	M. F. Capron.	821,782	May 29	5620	1197-8	122	1483
Link-closing device.	W. N. Appleton.	835,696	Nov. 13	1609	342	125	449
Link-closing press.	C. J. Perks.	819,451	May 1	836	180	122	187
Link-forming machine.	W. N. Appleton.	835,697	Nov. 13	1611	343	125	449
Link. Fusible.	A. W. Storey.	811,256	Jan. 30	5379	1122	120	1328
Link. Leader.	W. E. Soper.	816,264	Mar. 27	4622	981	121	1164
Link or clevis.	J. E. and J. Borlaug.	831,260	Sept. 18	2745	578	124	744
Linoileum. Manufacture of.	A. A. Godfrey.	835,518	Nov. 13	1279	274	125	367
Linotype-knife wiper.	F. A. Pettit.	810,079	Jan. 16	2964	618	120	736
Linotype-machine.	M. W. Morehouse.	808,772	Jan. 2	302	65	120	69
Linotype-machine.	J. R. Rogers.	808,873	Jan. 2	476	104-5	120	106
Linotype-machine.	D. S. Kennedy.	810,153	Jan. 16	3109	642	120	764
Linotype-machine.	J. E. Saffery.	810,173	Jan. 16	3141	650	120	771
Linotype-machine.	R. M. Bedell.	811,362	Jan. 30	5578	1164	120	1371
Linotype-machine.	C. Muehleisen.	812,586	Feb. 13	2161	473	120	2006
Linotype-machine.	C. Muehleisen.	814,469	Mar. 6	949	194-5	121	207
Linotype-machine.	T. S. Homans.	814,542	Mar. 6	1090	226	121	237
Linotype-machine.	R. M. Bedell.	816,841	Apr. 3	581	121	121	1488
Linotype-machine.	P. T. Dodge.	816,849	Apr. 3	596	125	121	1491
Linotype-machine.	D. S. Kennedy.	817,646	Apr. 10	2169	461	121	1888
Linotype-machine.	C. L. Grohmann.	818,243	Apr. 17	3389	727	121	2210
Linotype-machine.	M. W. Morehouse.	818,274	Apr. 17	3443	740	121	2223
Linotype-machine.	A. J. Benjamin.	820,546	May 15	3102	668	122	812
Linotype-machine.	P. E. Kent.	821,296	May 22	4630	987	122	1208
Linotype-machine.	C. T. Libby.	822,286	June 5	118	24-5	122	1754
Linotype-machine.	H. B. Bartlett. (Reissue).	12,494	June 12	2564	540-1	122	2332
Linotype-machine.	D. S. Kennedy.	824,659	June 26	4818	1027-8	122	2938
Linotype-machine.	J. B. Bell.	824,705	July 3	18	2	123	9
Linotype-machine.	T. S. Homans.	825,054	July 3	732	153-4	123	196
Linotype-machine.	M. W. Morehouse.	826,593	July 24	3910	810	123	1039
Linotype-machine.	E. L. Holmes.	827,238	July 31	5220	1084	123	1384
Linotype-machine.	P. T. Dodge.	828,541	Aug. 14	1713	361	123	2123
Linotype-machine.	D. S. Kennedy.	828,553	Aug. 14	1744	367	123	2131
Linotype-machine.	M. W. Morehouse.	828,763	Aug. 14	2139	453	123	2232
Linotype-machine.	D. A. Poe.	829,290	Aug. 21	3243	684	123	2542
Linotype-machine.	T. S. Homans.	829,868	Aug. 28	4470	944	123	2890
Linotype-machine.	W. G. Middleton.	830,350	Sept. 4	902	185-6	124	223
Linotype-machine.	T. S. Homans.	830,436	Sept. 4	1087	227-8	124	269
Linotype-machine.	F. Johannesen.	831,003	Sept. 11	2201	465-6	124	582

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Linotype-machine.	C. T. Libby.	832,396	Oct. 2	754	147	124	1394
Linotype-machine.	C. T. Libby.	832,397	Oct. 2	757	148	124	1394
Linotype-machine.	C. T. Libby.	832,398	Oct. 2	763	148	124	1396
Linotype-machine.	F. E. Bright.	832,769	Oct. 9	1511	305-10	124	1617
Linotype-machine.	A. R. Noyes.	833,479	Oct. 16	2975	631-2	124	2026
Linotype-machine.	W. G. Middleton.	834,835	Oct. 30	5903	1250-1	124	2840
Linotype-machine.	D. Petri-Palmedo.	834,846	Oct. 30	5927	1257-8	124	2846
Linotype-machine.	J. R. Rogers.	835,256	Nov. 6	765	160	125	194
Linotype-machine.	P. T. Dodge.	836,374	Nov. 20	2921	620	125	822
Linotype-machine.	J. R. Rogers.	837,126	Nov. 27	4476	950	125	1237
Linotype-machine.	T. S. Homans.	837,226	Nov. 27	4655	989	125	1282
Linotype-machine.	T. S. Homans.	837,837	Dec. 4	1100	245	125	1627
Linotype-machine.	F. W. Sutcliffe and C. Holliswell.	838,062	Dec. 11	1561	334-5	125	1787
Linotype-machine.	F. W. Sutcliffe.	838,063	Dec. 11	1566	335-6	125	1788
Linotype-machine.	F. W. Sutcliffe.	838,064	Dec. 11	1571	336-7	125	1789
Linotype-machine.	P. T. Dodge.	838,609	Dec. 18	2659	571	125	2100
Linotype-machine.	L. L. Kennedy.	839,484	Dec. 25	4374	935	125	2565
Linotype-machine attachment.	J. H. W. Knoop.	808,931	Jan. 2	608	133	120	134
Linotype-machine attachment.	E. S. Day and H. B. Hubbard.	821,342	May 22	4740	1008	122	1235
Linotype-machine attachment.	G. Kretzschmar.	828,323	Aug. 14	1284	271-2	123	2013
Linotype-machine casting-box.	J. B. Allen.	823,660	June 19	2895	612-13	122	2468
Linotype-machine escapement mechanism.	J. G. Holbourns and H. A. Longhurst.	832,792	Oct. 9	1561	321	124	1628
Linotype-machine mold.	J. B. Bell.	824,704	July 3	16	2	123	8
Linotype-machines. Adjustable liner for.	L. Ward.	836,349	Nov. 20	2878	612	125	811
Linotype-machines. Matrix for.	J. R. Rogers.	837,127	Nov. 27	4477	950	125	1237
Linotype-slugs. Machine for cutting or shortening.	R. F. Jacobs.	823,788	June 19	3125	662	122	2516
Lip-turner.	F. F. Smith.	809,332	Jan. 9	1448	294	120	353
Liquid-actuating apparatus.	R. Conrad.	821,339	May 22	4720	1005-7	122	1227
Liquid combustibles. Apparatus for vaporizing.	J. Lühne.	809,200	Jan. 2	1137	236	120	250
Liquid-containing vessels. Stand for.	O. Hammarlund.	816,317	Mar. 27	4720	1002	121	1185
Liquid-cooler.	F. D. H. Kluhsmeier.	826,337	July 17	3332	680	123	875
Liquid-cooling apparatus.	G. F. Black.	812,256	Feb. 13	1500	328	120	1866
Liquid-delivering machine.	P. Povlotzky.	825,935	July 17	2565	532-3	123	685
Liquid-delivery tank.	E. A. Giles.	829,521	Aug. 28	3749	796	123	2714
Liquid-discharging device.	H. and C. G. Nichols.	836,335	Nov. 20	2855	606-7	125	806
Liquid-discharging device. Pneumatic.	I. W. Haysinger.	830,433	Sept. 4	1077	224	124	266
Liquid-dispensing apparatus.	W. Helmer.	828,477	Aug. 14	1588	335	123	2092
Liquid-dispensing apparatus.	W. C. Morrill.	835,162	Nov. 6	577	118	125	146
Liquid-dispensing apparatus. Recording attachment for.	E. C. Graham.	827,798	Aug. 7	223	45	123	1727
Liquid-dispensing vessel.	L. G. Langstaff.	823,283	June 12	2149	448	122	2246
Liquid-distributor.	L. Perotti.	820,987	May 22	4036	858	122	1078
Liquid-distributor.	L. Perotti.	825,345	July 10	1311	275	123	359
Liquid distribution.	L. Rudemann.	828,574	Aug. 14	1786	376	123	2143
Liquid dressing. Device for applying.	W. Leonard.	831,014	Sept. 11	2223	470	124	587
Liquid-elevating apparatus.	H. C. O'Bleness and E. C. Merwin.	814,072	Mar. 6	141	28	121	31
Liquid-filling apparatus.	R. C. White.	809,764	Jan. 9	2317	480-1	120	542
Liquid-filling apparatus.	S. Schlangen.	828,057	Aug. 7	732	150-2	123	1852
Liquid forcing or pumping device.	L. J. C. Larsen.	812,052	Feb. 6	1044	227	120	1701
Liquid-fuel burner.	J. R. Russell.	814,396	Mar. 6	815	168	121	178
Liquid-fuel-burning furnace.	E. H. Peabody.	836,529	Nov. 20	3235	689	125	896
Liquid-fuel furnace. Portable.	G. W. Meyer and C. G. Chevallier.	819,906	May 8	1737	373	122	452
Liquid fuel. Mechanism for automatically distributing.	H. Galopin.	809,438	Jan. 9	1691	348	120	404
Liquid-heater. Electric.	G. E. Stevens.	812,609	Feb. 13	2200	479	120	2013
Liquid heating or cooling apparatus.	H. Feldmeier.	838,853	Dec. 18	3113	671	125	2212
Liquid-impelling apparatus.	D. W. Starrett.	821,677	May 29	5409	1152	122	1434
Liquid-impelling device.	E. P. Holly.	825,652	July 10	2027	423	123	541
Liquid-indicator.	H. A. House.	813,096	Feb. 20	3143	688	120	2261
Liquid-level apparatus.	S. A. Reeve and E. P. Noyes.	824,143	June 26	3780	807	122	2716
Liquid-level controller.	S. A. Reeve and E. P. Noyes.	832,081	Oct. 2	99	23	124	1235
Liquid-lifting apparatus.	J. Pire.	834,749	Oct. 30	5702	1210	124	2790
Liquid-measuring meter.	H. Chrisman.	822,428	June 5	381	79	122	1808
Liquid-meter.	H. N. Denny and T. W. Richards.	818,017	Apr. 17	2937	635	121	2115
Liquid-meter.	K. Scotti.	818,566	Apr. 24	4033	865	121	2401
Liquid-meter.	J. W. Ledoux.	830,338	Sept. 4	875	180	124	218
Liquid-pistol.	G. L. Gulliford.	825,270	July 3	1152	243	123	300
Liquid-purifier.	C. Tuckfield.	821,207	May 22	4458	949	122	1170
Liquid. Purifying.	W. Hasenbach.	836,034	Nov. 13	2211	.....	125	594
Liquid-raising apparatus.	G. R. Young and C. Shaw.	827,341	July 31	5417	1127	123	1432
Liquid-receptacle head and filler.	D. Landau.	823,282	June 12	2147	448	122	2245
Liquid-receptacles. Air-relief for.	D. Landau.	835,442	Nov. 6	1141	246	125	287
Liquid-separator.	L. J. Hedderick.	837,403	Dec. 4	252	63	125	1419
Liquid-separator. Centrifugal.	A. L. Christenson.	812,544	Feb. 13	2082	456	120	1990
Liquid-separator. Centrifugal.	G. J. Bragg.	817,465	Apr. 10	1836	385	121	1820
Liquid-separator. Centrifugal.	E. C. Pawley.	825,412	July 10	1455	305	123	396
Liquid-separator. Centrifugal.	W. C. Hartmann.	825,721	July 10	2167	452-3	123	575
Liquid-separator. Centrifugal.	C. A. Edlund.	838,699	Dec. 18	2833	608	125	2143
Liquid-separator. Centrifugal.	D. W. Jordan.	838,718	Dec. 18	2859	616	125	2150
Liquid-separator liner. Centrifugal.	C. D. Hellström.	809,685	Jan. 9	2181	451-2	120	512
Liquid-separators. Driving mechanism for centrifugal.	T. W. Morgan.	822,974	June 12	1476	307	122	2097
Liquid-separators. Liner for centrifugal.	B. Ljungström.	822,964	June 12	1455	303	122	2092
Liquid suitable as a solvent and as a combustible for internal-combustion engines and making the same.	W. Oppenheimer.	832,409	Oct. 2	781	.....	124	1400
Liquid-trap.	A. Goldfein.	815,420	Mar. 20	2921	606	121	744
Liquid-treating apparatus.	H. O. Fisher.	816,448	Mar. 27	5020	1066	121	1247
Liquid-treating apparatus.	L. Dion.	819,209	May 1	351	75	122	85
Liquid-treating apparatus.	L. Dion.	820,482	May 15	2956	640	122	780
Liquid-treating apparatus.	H. H. Sutro and L. M. Booth.	837,975	Dec. 11	1386	301-2	125	1741
Liquid-treating apparatus.	C. J. Hedemann.	812,846	Feb. 20	2653	580-1	120	2152
Liquids. Apparatus for ascertaining the level of.	C. May.	820,429	May 15	2851	621	122	755
Liquids. Apparatus for separating metals and other substances from.	L. Dion.	820,483	May 15	2960	640	122	780
Liquids. Apparatus for separating residues from.	L. P. Lowe.	819,664	May 1	1230	269	122	276
Liquids. Automatic means for feeding.	W. W. Dingee.	826,923	July 24	4549	946	123	1201

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Liquids from solids. Apparatus for separating.....	W. H. Lomas.....	825,331	July 10	1286	271	123	353
Liquids from solids. Apparatus for separating.....	E. P. Starbird.....	830,684	Sept. 11	1608	332-3	124	431
Liquids in casks. Apparatus for heating.....	O. T. Murphy.....	822,382	June 5	300	62	122	1791
Liquids in measured quantities. Apparatus for delivering acid and alkaline.....	M. Meyer.....	823,287	June 12	2155	450	122	2247
Liquids in vacuo. Apparatus for discharging.....	J. W. Lytton.....	809,385	Jan. 9	1574	320	120	379
Liquids. Machine for delivering.....	A. F. Humphrey, H. McCrory, and F. D. Saupp, Jr.....	826,725	July 24	4165	865-6	123	1105
Liquids. Means for controlling the level of.....	W. Wadsworth.....	810,237	Jan. 16	3292	682	120	802
Liquids. Multiple drop-feed apparatus for.....	L. Kaczander.....	823,223	June 12	2634	422-3	122	2222
Liquids with gases. Apparatus for treating.....	H. P. Dyer.....	838,091	Dec. 11	1636	352	125	1806
Liquors. Ascertaining the origin of coloring-matters present in distilled.....	C. T. Marsh.....	813,728	Feb. 27	4401	.....	120	2591
Liquors. Apparatus for the manufacture of bisulfite. Lister attachment.....	E. R. Barker.....	818,811	Apr. 24	4551	975-6	121	2516
Listers, plows, and the like. Attachment for.....	C. H. Soucek.....	817,812	Apr. 17	2510	537	121	2019
Lithium salts. Obtaining.....	L. N. Stewart.....	814,569	Mar. 6	1138	238	121	247
Lithographic machine. Rotary.....	C. Poulenc.....	836,781	Nov. 27	3776	.....	125	1067
Lithographic plates. Producing zinc.....	H. Bittner.....	837,029	Nov. 27	4277	910	125	1185
Lithographic purposes. Electrolytically preparing metals or alloys for.....	C. G. Meyn.....	838,349	Dec. 11	2150	.....	125	1932
Lithographic stones. Composition for cleaning.....	O. C. Strecker.....	810,889	Jan. 23	4638	966-7	120	1132
Lithopone having a sulfite of baryta base. Formation of a.....	J. James.....	813,709	Feb. 27	4369	.....	120	2584
Litter-carrier.....	L. Brunct.....	838,769	Dec. 18	2959	.....	125	2173
Lixivator.....	A. F. Jansen.....	825,465	July 10	1592	331	123	433
Load-binder.....	S. T. Muffy.....	820,812	May 15	3614	772	122	925
Load-binder.....	C. W. Baker.....	813,032	Feb. 20	3018	664	120	2232
Load-binder.....	S. Gibson.....	830,220	Sept. 4	652	131	124	165
Load-brake. Automatic.....	M. A. Beck.....	836,912	Nov. 27	4045	865	125	1132
Load-elevator.....	A. Yugstrom.....	834,550	Oct. 30	5309	1127	124	2690
Load-indicator.....	H. James.....	825,839	July 10	2389	497	123	629
Load-lifting device.....	J. Dale.....	834,270	Oct. 30	4788	1012	124	2559
Loader and unloader.....	O. J. Travis.....	811,973	Feb. 6	883	194	120	1669
Loader and unloader.....	M. Hudgens.....	821,243	May 22	4522	962-3	122	1185
Loading and unloading device.....	A. W. Keech.....	809,618	Jan. 9	2045	425	120	481
Loading and unloading device.....	P. E. Van Berendonck.....	827,831	Aug. 7	281	57	123	1740
Loading apparatus.....	H. T. Rainwater.....	813,448	Feb. 27	3861	846	120	2472
Loading apparatus.....	E. Ring.....	817,274	Apr. 10	1449	305	121	1737
Loading apparatus.....	C. M. Watson.....	824,162	June 24	3824	815-16	122	2726
Loading apparatus.....	H. T. and S. G. Washburn.....	824,457	June 26	4418	938-9	122	2850
Loading apparatus.....	N. Jorgensen.....	826,035	July 17	2755	570	123	736
Loading apparatus.....	A. Marvin.....	831,015	Sept. 11	2224	470	124	587
Loading apparatus.....	A. Landry.....	832,392	Oct. 2	747	146	124	1392
Loading apparatus.....	J. J. Robinson.....	833,139	Oct. 9	2240	472	124	1797
Loading apparatus.....	S. B. Raw.....	833,549	Oct. 16	3107	660	124	2056
Loading apparatus.....	D. M. Hartsough.....	836,970	Nov. 27	4149	885-6	125	1157
Loading, conveying, and dumping device.....	E. Howland.....	811,923	Feb. 6	779	170	120	1647
Loading device.....	W. H. Compton.....	832,655	Oct. 9	1291	260	124	1564
Loading device for dirt, manure, &c.....	G. H. Young.....	813,193	Feb. 20	3339	735	120	2303
Loading-frame.....	W. Lichte.....	830,340	Sept. 4	880	181	124	219
Lock:							
See Air-lock.	Mail-bag lock.						
Alarm-lock.	Mail-box signal-lock.						
Automatic lock.	Marine lock.						
Bag-frame lock.	Nut-lock.						
Bed-lock.	Nut and bolt lock.						
Bed-spring lock.	Oar-lock.						
Bicycle-lock.	Padlock.						
Binder-lock.	Permutation-lock.						
Blind-slat lock.	Pocket-book lock.						
Bottle-lock.	Printing-press platen-lock.						
Bridge-lock.	Railway-switch lock.						
Caisson air-lock.	Recording-lock.						
Can-lock.	Revolver-lock.						
Car-door lock.	Rifle set-lock.						
Coat, hat, and umbrella lock.	Safety-lock.						
Combination-lock.	Sash-lock.						
Cycle-lock.	Sash and door lock.						
Cylinder-lock.	Sash and shutter lock.						
Dial-lock.	Seal-lock.						
Door-lock.	Signal-lock.						
Elevator safety-lock.	Spike-lock.						
End-gate lock.	Springless lock.						
Faucet-lock.	Suit-case lock.						
Fence-lock.	Switch-lock.						
Firearm safety-lock.	Table-lock.						
Galley-lock.	Time-lock.						
Gravity-lock.	Trunk-lock.						
Gun-lock.	Tumbler-lock.						
Hasp-lock.	Vehicle-lock.						
Hook-lock.	Vehicle-seat lock.						
Key-lock.	Water-gate lock.						
Keyless-lock.	Window-lock.						
Knob-lock.	Window gravity-lock.						
Lamp-socket lock.	Wire lock.						
Lock.....	C. J. Caley and H. G. Voight.....	809,424	Jan. 9	1663	341	120	397
Lock.....	W. S. Sutton.....	810,584	Jan. 23	4055	834	120	1006
Lock.....	A. N. Menser.....	810,785	Jan. 23	4427	918-19	120	1088
Lock.....	E. H. F. Krohn.....	811,511	Jan. 30	5837	1222	120	1423
Lock.....	N. W. Webb.....	816,405	Mar. 27	4942	1050-1	121	1231
Lock.....	M. Mohr.....	816,492	Mar. 27	5107	1053	121	1266
Lock.....	E. R. Booth.....	816,705	Apr. 3	313	73	121	1421
Lock.....	O. H. P. Green and D. Carpenter.....	816,792	Apr. 3	471	105	121	1469
Lock.....	C. E. Turner and R. L. Hyman.....	817,456	Apr. 10	1813	381	121	1816
Lock.....	M. F. Hutchison.....	817,567	Apr. 10	2031	428	121	1859

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Lock.....	B. Phelps.....	819,024	Apr. 24	4940	1060	121	2601
Lock.....	V. F. Wallin.....	821,210	May 22	4462	950	122	1171
Lock.....	R. Dario.....	821,283	May 22	4603	981	122	1202
Lock.....	E. George.....	822,000	May 29	6031	1285	122	1575
Lock.....	R. L. MacDonald.....	822,062	May 29	6150	1311	122	1602
Lock.....	J. Jorgenson.....	823,174	June 12	1900	392	122	2190
Lock.....	J. Jorgenson.....	823,221	June 12	2025	421	122	2219
Lock.....	J. Jorgenson.....	823,222	June 12	2028	422	122	2220
Lock.....	B. O. Berntsen.....	823,987	June 19	3509	750	122	2600
Lock.....	P. Magaro, No. 3.....	824,370	June 26	4231	902	122	2812
Lock.....	H. P. Townsend.....	824,392	June 26	4276	911	122	2819
Lock.....	J. Herzog.....	824,652	June 26	4803	1024	122	2935
Lock.....	T. E. Pollmann.....	827,178	July 31	5119	1064	123	1359
Lock.....	G. Fais.....	827,520	July 31	5872	1215	123	1542
Lock.....	G. Veitch.....	827,583	July 31	5983	1242	123	1568
Lock.....	F. A. Owens.....	828,961	Aug. 21	2535	537	123	2363
Lock.....	J. A. Giese.....	829,398	Aug. 28	3462	728	123	2642
Lock.....	M. G. Wood.....	829,616	Aug. 28	3945	835	123	2762
Lock.....	P. P. Lucke and F. P. Wernli.....	829,661	Aug. 28	4031	854	123	2785
Lock.....	J. H. Shaw.....	830,013	Sept. 4	201	37	124	50
Lock.....	J. H. Shaw and A. A. Page.....	830,014	Sept. 4	202	37	124	51
Lock.....	H. G. Voight.....	830,117	Sept. 4	440	89	124	111
Lock.....	E. H. Roy.....	830,531	Sept. 11	1288	266	124	346
Lock.....	J. Hammesfahr.....	831,863	Sept. 25	3964	828-9	124	1094
Lock.....	L. F. Flipse.....	833,033	Oct. 9	2026	426	124	1739
Lock.....	W. J. Carroll and M. J. Mara.....	833,301	Oct. 16	2597	543	124	1934
Lock.....	A. V. Chisholm.....	833,302	Oct. 16	2599	544	124	1935
Lock.....	H. D. Chipman.....	834,360	Oct. 30	4956	1050	124	2601
Lock.....	C. H. Carlson.....	834,709	Oct. 30	5640	1196	124	2775
Lock.....	B. Phelps.....	834,994	Nov. 6	230	49-50	125	61
Lock.....	B. O. Berntsen.....	835,389	Nov. 6	1035	221	125	262
Lock.....	J. Herzog.....	835,425	Nov. 6	1116	240	125	281
Lock.....	O. Katzenberger.....	835,437	Nov. 6	1133	245	125	285
Lock.....	I. W. Krajkowski.....	835,440	Nov. 6	1136	245-6	125	286
Lock.....	J. J. Murphy.....	837,100	Nov. 27	4425	938	115	1,225
Lock.....	I. H. Fisher.....	837,295	Dec. 4	43	13	125	1364
Lock.....	P. Ebbeson.....	837,811	Dec. 4	1053	234-5	125	1614
Lock.....	A. McCleary.....	837,946	Dec. 11	1316	289	125	1723
Lock.....	F. W. Schroeder.....	838,360	Dec. 11	2165	469	125	1935
Lock and latch.....	P. Papenfoth.....	812,571	Feb. 20	2702	595	120	2164
Lock and latch.....	C. J. Caley.....	819,120	May 1	176	36	122	45
Lock and latch.....	J. Hope, Jr.....	833,459	Oct. 16	2937	623-4	124	2016
Lock and latch.....	J. Long.....	836,515	Nov. 20	3205	680	125	890
Lock and latch fittings.....	C. J. Caley.....	809,425	Jan. 9	1665	342	120	398
Lock and latch mechanism.....	H. G. Voight.....	809,342	Jan. 9	1472	298	120	360
Lock and latch mechanism.....	N. W. Crandall.....	812,828	Feb. 20	2617	573	120	2145
Lock and latch mechanism.....	H. G. Voight.....	812,904	Feb. 20	2762	608	120	2177
Lock and latch mechanism.....	H. G. Voight.....	812,905	Feb. 20	2764	608	120	2177
Lock and latch mechanism.....	B. Phelps.....	815,976	Mar. 27	4032	854	121	1034
Lock and latch mechanism.....	H. G. Voight.....	830,118	Sept. 4	442	89	124	112
Lock and latch mechanism.....	C. J. Caley and H. G. Voight.....	833,198	Oct. 16	2386	499	124	1879
Lock and latch mechanism.....	H. G. Voight.....	836,289	Nov. 20	2769	588	125	787
Lock and latch mechanism.....	H. G. Voight.....	837,011	Nov. 27	4248	904	125	1180
Lock and latch mechanism.....	H. G. Voight.....	837,360	Dec. 4	168	40	125	1398
Lock and support. Combination- lock-bar pipe.....	C. J. Ericson.....	819,131	May 1	193	39	122	49
Lock-case.....	M. Kronauer.....	822,004	May 29	6042	1288	122	1578
Lock for trunks, dress-suit cases, &c.....	F. P. Chapman.....	837,664	Dec. 4	774	177	125	1545
Lock-indicator.....	L. Ransom.....	828,423	Aug. 14	1475	310-11	123	2062
Lock-key.....	W. I. Fox.....	816,310	Mar. 27	4707	999	121	1183
Lock mechanism.....	F. W. Schroeder.....	838,910	Dec. 18	3215	694-5	125	2234
Lock mechanism.....	C. J. Caley and H. G. Voight.....	812,821	Feb. 20	2597	570	120	2141
Lock mechanism.....	H. G. Voight.....	830,545	Sept. 11	1318	272	124	355
Lock mechanism.....	P. Papenfoth.....	833,175	Oct. 16	2326	488	124	1865
Lock mechanism.....	H. G. Voight.....	836,288	Nov. 20	2766	587-8	125	786
Lock mechanism.....	C. J. Caley and H. G. Voight.....	836,300	Nov. 20	2791	593	125	793
Lock mechanism.....	B. Phelps.....	838,808	Dec. 18	3038	655	125	2192
Lock-protecting device.....	C. E. Leighton.....	834,817	Oct. 30	5859	1242	124	2828
Lock-seam pipe.....	H. P. G. Norstrand.....	812,288	Feb. 13	1583	347	120	1887
Lock-setting implement.....	B. K. Means.....	824,306	June 26	4096	876	122	2783
Lock-strike.....	H. P. Townsend.....	830,624	Sept. 11	1480	306	124	397
Lock-strike.....	J. M. Cuff.....	839,556	Dec. 25	4520	963	125	2600
Lock-strike. Electric.....	H. F. Smith.....	813,119	Feb. 20	3202	700	120	2275
Locks. Circuit-closer for.....	A. Glass.....	830,780	Sept. 11	1809	375	124	485
Locks. Key-holding attachment for.....	H. A. Seager.....	818,199	Apr. 17	3299	705	121	2193
Locks. Locking device for permutation- Locks. Locking device for permutation- Locker. Metal.....	F. Dueterwald.....	828,276	Aug. 7	1150	242	123	1950
Locks. Locking device for permutation- Locker. Metal.....	F. Dueterwald.....	832,542	Oct. 2	1039	209	124	1463
Locks. Locking device for permutation- Locker. Metal.....	R. W. Jefferis.....	810,415	Jan. 23	3709	764-5	120	928
Locks. Locking device for permutation- Locker. Metal.....	R. W. Jefferis.....	810,947	Jan. 30	4777	994	120	1197
Locks. Locking device for permutation- Locker. Metal.....	R. W. Jefferis.....	810,946	Jan. 30	4776	993-4	120	1197
Locking and squaring device.....	E. D. Allen.....	817,740	Apr. 17	2347	504	121	1985
Locking device.....	G. Holden.....	818,443	Apr. 24	3774	811	121	2348
Locking device.....	W. N. Hall.....	819,275	May 1	490	102	122	114
Locking device.....	J. A. Lamont.....	824,796	July 3	226	41	123	64
Locking device.....	R. W. Jefferis.....	829,965	Sept. 4	64	12	124	15
Locking device.....	B. T. Hamilton and L. Stroud.....	830,146	Sept. 4	491	99-100	124	124
Locking device.....	L. E. Rice.....	831,745	Sept. 25	3721	778	124	1035
Locking system.....	A. Krebs.....	822,057	May 29	6142	1309	122	1600
Locket.....	E. A. Phillips.....	825,676	July 10	2083	434	123	555
Locket, photograph-pendant, frame, charm, and the like.....	T. Wilcox.....	817,944	Apr. 17	2793	604-5	121	2084
Locomotive.....	C. Hagans.....	813,379	Feb. 20	3711	815-16	120	2380
Locomotive.....	F. O. Whealon.....	819,828	May 8	1588	337-8	122	418
Locomotive.....	G. A. Bothwell.....	832,586	Oct. 9	1144	229	124	1530
Locomotive and means for controlling the same. Electric.....	F. L. Sessions.....	824,314	June 26	4109	879	122	2787
Locomotive ash-pan.....	L. S. Moore.....	819,364	May 1	673	142	122	154

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Locomotive ash-pan.	S. H. Lucas.	833,403	Oct. 16	2810	596	124	1987
Locomotive ash-pan.	E. E. Nettleton.	838,740	Dec. 18	2895	623	125	2158
Locomotive ash-pan.	J. T. Hall and S. S. Loomer.	839,754	Dec. 25	4929	1053	125	2701
Locomotive ash-pit and blower.	H. E. Parson.	809,215	Jan. 2	1168	241-2	120	257
Locomotive attachment.	S. G. Stevens.	816,688	Apr. 3	286	66	121	1423
Locomotive attachment.	J. Minturn.	834,925	Nov. 6	97	19	125	27
Locomotive-boiler.	H. J. Travis.	821,904	May 29	5851	1243	122	1536
Locomotive-boiler.	J. F. de Navarro.	823,188	June 12	1938	400	122	2200
Locomotive-boiler.	H. J. Travis.	823,562	June 19	2707	572-3	122	2423
Locomotive-boiler. Water-tube.	J. Robert.	812,681	Feb. 13	2327	508-9	120	2037
Locomotive-cab windows. Hood or shield for.	E. W. Payne.	824,261	June 26	4023	861	122	2768
Locomotive-controller. Automatic.	J. E. Stieglmeyer.	828,344	Aug. 14	1323	280	123	2022
Locomotive cylinder. Steam.	H. Lentz.	814,148	Mar. 6	290	58	121	64
Locomotive driving-wheel or the like.	J. B. Allfree and I. C. Hubbell.	819,199	May 1	325	70	122	81
Locomotive. Electric.	A. F. Batchelder.	808,717	Jan. 2	188	41	120	43
Locomotive. Electric.	E. D. Priest.	823,968	June 19	3469	742	122	2592
Locomotive. Electric.	E. D. Priest.	823,969	June 19	3472	742	122	2593
Locomotive-engine.	J. F. Roberts.	808,685	Jan. 2	118	27	120	29
Locomotive-exhaust.	F. Robinson.	819,806	May 8	1545	328	122	407
Locomotive exhaust and draft regulator.	T. B. Geisert.	837,402	Dec. 4	373	86	125	1449
Locomotive exhaust mechanism.	J. J. Conolly and J. Herron.	821,402	May 22	4869	1032-3	122	1262
Locomotive exhaust mechanism.	G. J. Hatz.	832,858	Oct. 9	1706	351-2	124	1663
Locomotive fire-boxes. Air-admission device for.	C. B. Clark.	813,862	Feb. 27	4682	1035	120	2632
Locomotive-furnace.	E. H. Wade and J. L. Nicholson.	820,451	May 15	2893	629	122	700
Locomotive-lubricating system.	C. W. Manzel.	823,609	June 19	2785	590	122	2440
Locomotive-lubricator.	J. F. McCanna.	833,889	Oct. 23	3830	813-14	124	2277
Locomotive-nozzle.	H. O. Olson.	824,039	June 19	3606	768	122	2619
Locomotive-pedestal.	F. H. Ramsdell.	809,744	Jan. 9	2285	473	120	535
Locomotive-pilot.	F. W. Renner.	836,535	Nov. 20	3251	691	125	900
Locomotive-roundhouses. Hood and smoke-pipe for.	E. S. Piper.	818,784	Apr. 24	4491	961	121	2503
Locomotive sand-box.	W. H. Clowry.	816,073	Mar. 27	4254	902	121	1085
Locomotive snow and ice flanger.	F. C. Arey.	816,526	Mar. 27	5179	1099	121	1283
Locomotive spark-preventer.	D. Drummond.	817,474	Apr. 10	1854	389	121	1823
Locomotive-tender.	Z. M. Little.	830,444	Sept. 4	1101	230	124	272
Locomotive-tender frame.	C. H. Howard.	811,561	Feb. 6	49	11	120	1495
Locomotive-tenders. Coal-gate for.	F. E. Briggs.	835,779	Nov. 13	1770	377	125	488
Locomotive. Turbine-driven.	H. Lentz.	812,277	Feb. 13	1556	340	120	1881
Locomotive. Turbine-driven.	H. Lentz.	823,130	June 12	1822	375-6	122	2172
Locomotive turn-tables. End support for.	H. Fuller.	823,405	June 12	2361	497	122	2290
Locomotive wheel. Plow.	H. Schnell.	812,600	Feb. 13	2187	477	120	2011
Locomotives. Steamway for.	W. T. L. Jones and J. C. Faidley.	832,735	Oct. 9	1440	291	124	1599
Locomotives. Traction-drive for.	W. Hansmann.	839,140	Dec. 25	3692	796	125	2400
Locomotives, vehicles, or machinery. Apparatus for recording the movements of.	J. F. H. Collet.	835,901	Nov. 13	1999	423	125	544
Log-carrier.	W. E. Sinclair.	812,689	Feb. 13	2343	513	120	2041
Log-chock.	J. E. Knight.	816,339	Mar. 27	4796	1015	121	1200
Log-dog.	C. W. Willett.	812,389	Feb. 13	1767	387	120	1926
Log-handling machine.	G. W. Butt.	838,300	Dec. 11	2062	445	125	1903
Log-hoist and car-loader.	O. L. Raymond.	822,152	May 29	6325	1345	122	1644
Log-hook.	J. D. Vaughan.	810,826	Jan. 23	4492	934	120	1102
Log-loader.	O. Cheverfield.	821,089	May 22	4239	901	122	1122
Log-loader. Portable.	J. R. McGiffert.	833,794	Oct. 23	3599	770	124	2219
Log-loaders. Base for.	J. R. McGiffert.	822,010	May 29	6047	1289	122	1579
Log-loading machine.	J. R. McGiffert.	833,748	Oct. 23	3500	746	124	2196
Log. Stay.	E. F. Smith and E. A. Briner.	828,065	Aug. 7	759	157	123	1858
Log-turner.	F. W. Beitner.	811,028	Jan. 30	4926	1028	120	1231
Log-turner.	S. J. Bens.	818,142	Apr. 17	3184	685	121	2168
Logging apparatus.	J. Butler.	816,640	Apr. 3	200	46-7	121	1405
Loom.	H. W. Davis.	810,471	Jan. 23	3826	785	120	956
Loom.	F. Voland, L. Diederichs, and J. B. Monnet.	811,597	Feb. 6	123	27	120	1512
Loom.	W. J. Lutton.	812,508	Feb. 13	1985	436	120	1971
Loom.	A. S. Cowan.	814,000	Feb. 27	4939	1092-4	120	2704
Loom.	P. E. Victory.	821,600	May 22	5235	1116-17	122	1340
Loom.	M. P. C. Hooper.	829,474	Aug. 28	3650	771	123	2691
Loom automatic filling-replenishing mechanism.	J. Smith and E. S. Stimpson.	834,852	Oct. 30	5938	1261	124	2819
Loom beating-in device.	J. K. Dalkranian.	824,685	June 26	4866	1037	122	2947
Loom brake mechanism.	A. A. Gordon, Jr.	810,113	Jan. 16	3029	630	120	752
Loom brake mechanism.	R. Crompton.	816,534	Mar. 27	5192	1101	121	1236
Loom. Fancy.	J. R. Fitton.	822,013	Sept. 25	4262	891	124	1171
Loom filling-detecting mechanism.	E. S. Wood.	823,248	June 12	2080	433	122	2232
Loom filling-detecting mechanism.	A. E. Benson.	823,251	June 12	2089	434	122	2233
Loom filling-detecting mechanism.	E. S. Wood.	834,546	Oct. 30	5297	1126	124	2687
Loom filling-detecting mechanism.	E. S. Wood.	834,547	Oct. 30	5301	1126	124	2688
Loom filling-detecting mechanism.	E. S. Wood.	834,548	Oct. 30	5303	1126	124	2689
Loom filling-detecting mechanism.	E. S. Wood.	834,549	Oct. 30	5306	1127	124	2690
Loom filling-detecting mechanism.	A. M. Marcoux.	834,585	Oct. 30	5380	1141	124	2707
Loom filling-detecting mechanism.	W. F. Roper.	834,757	Oct. 30	5736	1217	124	2799
Loom. Filling-replenishing.	J. Northrop.	833,796	Oct. 23	3604	771	124	2221
Loom filling-replenishing mechanism.	N. Foerster and D. J. Carey.	817,236	Apr. 10	1365	287-8	121	1722
Loom filling-replenishing mechanism.	J. Northrop.	834,930	Nov. 6	105	21	125	30
Loom filling-replenishing mechanism.	E. S. Stimpson.	834,945	Nov. 6	131	26-7	125	37
Loom filling-replenishing mechanism.	E. Benoit.	835,093	Nov. 6	440	88	125	116
Loom filling stop-motion.	N. Foerster, D. J. Carey, and W. A. Foster.	815,952	Mar. 27	3989	845	121	1025
Loom filling-tension and controlling means.	A. E. Burtt.	828,922	Aug. 21	2470	524	123	2347
Loom filling-tension means.	E. S. Stimpson.	835,044	Nov. 6	333	71	125	56
Loom for making pile fabrics.	A. A. Gordon, Jr.	811,842	Feb. 6	586	128	120	1608
Loom for weaving.	A. Tcherniack. (Reissue).	12,493	Feb. 5	1342	277-9	122	2019
Loom for weaving cross-woven fabrics.	H. Stäubli.	839,435	Dec. 25	4272	914	125	2541
Loom for weaving pile fabric.	A. Heald.	813,968	Feb. 27	4878	1078	120	2091
Loom for weaving pile fabric.	A. G. and J. H. Robertson.	823,698	June 19	2959	626	122	2480
Loom for weaving pile fabrics.	W. C. Gray and W. McKenzie.	815,526	Mar. 20	3105	648-9	121	784
Loom for weaving sheer or Swiss fabrics.	E. H. Ballou.	825,504	July 10	1686	352-3	123	455
Loom for weaving tubular fabrics.	G. A. Pickup.	815,555	Mar. 20	3161	602-4	121	795
Loom for weaving tubular fabrics.	C. Alvord.	824,226	June 26	3954	847-8	122	2754

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Loom friction let-off.....	M. O. Steere.....	834,170	Oct. 23	4564	968	124	2458
Loom. Haircloth.....	G. S. Cox.....	834,000	Oct. 23	4187	888	124	2360
Loom harness-controlling mechanism.....	P. Cassidy and A. A. St. Laurent.....	818,743	Apr. 24	4398	941-2	121	2483
Loom harness mechanism.....	R. Crompton.....	809,933	Jan. 16	2648	547	120	667
Loom harness-motion.....	H. Cyr.....	812,166	Feb. 6	1296	283	120	1753
Loom harness-motion.....	C. F. Roper.....	817,806	Apr. 17	2498	534-5	121	2017
Loom harness-motion.....	M. O. Steere and S. W. Wardwell.....	821,762	May 29	5584	1188-90	122	1475
Loom heddle-frame.....	W. Fehr.....	837,264	Nov. 27	4737	1003	125	1301
Loom hopper-actuating mechanism. Automatic.....	J. Northrop.....	823,627	June 19	2823	598	122	2449
Loom hopper-actuating mechanism. Automatic.....	E. S. Stimpson and W. S. Southwick.....	823,644	June 19	2862	605	122	2459
Loom jacquard-actuating mechanism.....	E. A. Schneider.....	827,997	Aug. 7	612	125	123	1822
Loom jacquard-machine.....	J. Verdol.....	812,246	Feb. 13	1483	324	120	1863
Loom. Kindergarten.....	J. C. Tyndall.....	835,767	Nov. 13	1744	372	125	482
Loom. Kindergarten.....	J. C. Tyndall.....	836,842	Nov. 27	3883	829	125	1094
Loom lay-motion.....	A. B. Weissenborn.....	811,012	Jan. 30	4898	1021-2	120	1225
Loom lay-motion.....	S. D. Kelley.....	811,408	Jan. 30	5658	1186	120	1388
Loom let-off mechanism.....	A. E. Benson.....	829,689	Aug. 28	4103	869	123	2800
Loom multiplier mechanism.....	T. P. Walsh.....	821,321	May 22	4683	997-8	122	1219
Loom. Needle.....	E. Herzog.....	819,138	May 1	201	41-2	122	51
Loom. Needle.....	J. C. Brooks.....	831,322	Sept. 18	2868	608	124	775
Loom. Needle.....	W. Pearsall.....	839,315	Dec. 25	4034	867	125	2482
Loom pattern-resetting mechanism.....	H. W. Owen.....	824,200	June 26	3895	831-2	122	2741
Loom-picker.....	L. Z. Forges.....	836,073	Nov. 13	2289	486	125	615
Loom picker-check.....	M. F. Field.....	825,309	July 10	1240	260	123	341
Loom picker-sticks. Lug-strap fastener for.....	G. E. Prescott.....	821,058	May 22	4166	886	122	1105
Loom picking mechanism.....	H. A. Davis.....	812,485	Feb. 13	1945	429	120	1962
Loom picking mechanism.....	W. T. Roper.....	827,996	Aug. 7	610	124	123	1822
Loom picking-motion.....	J. D. Crowther and A. Sykes.....	810,191	Jan. 16	3187	661	120	780
Loom. Pile-fabric.....	J. K. Dalkranian.....	822,103	May 29	6225	1327-8	122	1620
Loom. Pile-fabric.....	T. B. Dornan and N. M. Shinn.....	831,045	Sept. 18	2296	485-6	124	639
Loom. Pile-fabric.....	E. S. Craddock.....	836,305	Nov. 20	2801	594-5	125	795
Loom pinion-guard. Circular.....	V. Royle.....	811,177	Jan. 30	5222	1092	120	1293
Loom protector mechanism.....	C. W. Bates.....	838,162	Dec. 11	1787	384	125	1843
Loom reversing mechanism.....	E. H. Ryon.....	810,680	Jan. 23	4222	874	120	1044
Loom selvage attachment.....	T. Garisio.....	819,420	May 1	775	167	122	176
Loom selvage-motion.....	C. F. Roper.....	823,638	June 19	2851	603-4	122	2457
Loom selvage stop-motion.....	E. G. Gustafson and H. G. Olsson.....	817,144	Apr. 3	1168	241	121	1619
Loom shed-forming mechanism.....	R. Crompton.....	816,535	Mar. 27	5193	1102	121	1286
Loom shedding mechanism.....	C. H. Draper.....	818,019	Apr. 17	2941	635	121	2116
Loom shedding motion.....	G. Giussani.....	817,763	Apr. 17	2393	513-14	121	1994
Loom-shuttle.....	C. E. Nutting.....	811,242	Jan. 30	5350	1117	120	1321
Loom-shuttle.....	R. D. Fraser.....	814,033	Mar. 6	72	13	121	17
Loom-shuttle.....	J. Bim.....	814,349	Mar. 6	711	143	121	156
Loom-shuttle.....	W. H. Wilson.....	814,494	Mar. 6	995	204	121	217
Loom-shuttle.....	J. P. Costello.....	827,082	July 31	4882	1018	123	1296
Loom-shuttle.....	A. E. Benson.....	827,953	Aug. 7	519	106	123	1801
Loom-shuttle.....	J. V. Cunniff and J. Lacroix.....	829,259	Aug. 21	3179	669	123	2528
Loom-shuttle.....	A. W. Saunders and C. O'Neil.....	835,230	Nov. 6	705	146	125	178
Loom-shuttle.....	E. S. Wood.....	837,765	Dec. 4	973	219	125	1595
Loom-shuttle.....	E. Nuttall.....	838,050	Dec. 11	1535	330	125	1781
Loom-shuttle.....	J. Coldwell and C. G. Gildard. (Reissue.).....	12,579	Dec. 18	3545	767	125	2319
Loom-shuttle and mechanism operated thereby.....	W. Williamson and J. Collinson.....	828,360	Aug. 14	1357	286	123	2031
Loom shuttle-binder-holding device.....	B. F. McGuinness.....	819,912	May 8	1746	375-6	122	454
Loom shuttle-box motion.....	E. H. Ryon.....	820,018	May 8	2022	443	122	513
Loom shuttle-box-operating mechanism.....	A. R. Patten.....	832,154	Oct. 2	276	53	124	1279
Loom shuttle-box-operating mechanism.....	R. Crompton and J. R. Fitton.....	837,284	Dec. 4	25	9-10	125	1361
Loom shuttle-check.....	H. Garnett.....	811,139	Jan. 30	5143	1075	120	1276
Loom shuttle-check.....	J. Laforêt.....	818,034	Apr. 17	2968	641	121	2122
Loom shuttle check and lock.....	F. A. Mills.....	820,589	May 15	3172	683	122	828
Loom shuttle check and lock.....	F. A. Mills.....	820,661	May 15	3293	707-8	122	856
Loom shuttle check and lock.....	F. A. Mills.....	820,664	May 15	3308	709	122	856
Loom shuttle-checking means.....	F. A. Mills.....	820,663	May 15	3305	709	122	855
Loom shuttle. Cotton.....	J. E. Lemyre.....	838,123	Dec. 11	1694	365	125	1820
Loom shuttle. Cotton.....	J. E. Lemyre.....	838,629	Dec. 18	2702	579	125	2110
Loom shuttle-lock.....	F. A. Mills.....	820,662	May 15	3301	708-9	122	854
Loom shuttle-motion.....	M. L. Christian and E. E. Reynolds.....	809,776	Jan. 9	2349	485	120	549
Loom shuttle-motion.....	H. L. Goodwin.....	825,049	July 3	725	152	123	164
Loom shuttle-motion.....	G. Giussani.....	829,376	Aug. 21	3422	720	123	2585
Loom shuttle-motion.....	C. C. Crane.....	837,198	Nov. 27	4605	977	125	1268
Loom shuttle-positioning device.....	F. O'Donnell.....	827,937	Aug. 7	478	99	123	1791
Loom shuttle. Ribbon.....	W. Hausmann.....	809,564	Jan. 9	1929	401	120	457
Loom-shuttle. Self-threading.....	J. Northrop.....	823,626	June 19	2821	598	122	2448
Loom-shuttle spindles. Device for applying cops to.....	M. Hellich.....	817,770	Apr. 17	2413	516	121	1998
Loom-shuttle spindles. Pivot-bolt for.....	C. F. Thompson.....	808,885	Jan. 2	524	115	120	117
Loom-shuttle tension device.....	P. L. Peterson.....	810,669	Jan. 23	4207	870	120	1040
Loom-shuttle. Weft-detecting.....	J. G. Gabe.....	837,214	Nov. 27	4632	985	125	1275
Loom-shuttles. Bobbin-holding means for.....	R. L. Cumnock.....	811,620	Feb. 6	167	37	120	1522
Loom-shuttles. Filling-tension means for.....	A. E. Benson.....	825,886	July 17	2470	515	123	661
Loom stop-indicator.....	J. A. Collins.....	818,148	Apr. 17	3193	687	121	2170
Loom stop mechanism.....	J. W. Bridge.....	824,335	June 26	4150	888-9	122	2795
Loom stop-motion.....	J. Coldwell and C. G. Gildard. (Reissue.).....	12,481	May 15	3907	834	122	989
Loom stop-motion.....	J. Corbishley, J. H. Wood, and T. F. Collins.....	822,585	June 5	716	144	122	1886
Loom stop-motion.....	F. O'Donnell.....	824,737	July 3	71	14	123	22
Loom stop-motion.....	H. W. Owen.....	837,110	Nov. 27	4447	943-4	125	1231
Loom stop-motion. Circular.....	C. G. Hill.....	814,290	Mar. 6	560	118-19	121	121
Loom-stopping mechanism.....	J. Coldwell.....	818,352	Apr. 17	3593	769-70	121	2253
Loom. Swivel.....	J. H. Farrar.....	815,152	Mar. 13	2312	484	121	560
Loom take-up.....	S. W. Wardwell.....	827,130	July 31	4978	1039	123	1319
Loom take-up mechanism.....	F. Benz, Sr.....	822,818	June 5	1163	239	122	1983
Loom take-up. Narrow-ware.....	S. W. Wardwell.....	827,129	July 31	4975	1038	123	1319
Loom-temple.....	F. Ott.....	817,334	Apr. 10	1554	327	121	1759

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. G.	Vol.	Page.
Loom-temple.	W. J. Colbert and J. J. Honan	835,011	Nov. 6	268	59	125	70
Loom-temple.	E. H. Spedding	837,746	Dec. 4	939	212	125	1588
Loom tension device.	E. Herzog	808,658	Jan. 2	76	16	120	19
Loom.	H. S. Griffith	812,788	Feb. 13	2531	556	120	2081
Loom thin-plate detector	W. F. Clayton and C. P. Bentley	828,534	Aug. 14	1700	358	123	2119
Loom thin-plate detector	W. F. Clayton	828,535	Aug. 14	1701	358	123	2119
Loom warp-tensioning means	W. F. Draper	819,742	May 8	1403	302	122	374
Loom warp stop-motion.	A. A. Johnson	813,304	Feb. 20	3557	783	120	2348
Loom warp stop-motion.	F. E. Kip and F. M. Armstrong	813,307	Feb. 20	3565	784-5	120	2350
Loom warp stop-motion.	F. E. Kip and E. Greenwood	813,308	Feb. 20	3572	785	120	2351
Loom warp stop-motion.	F. E. Kip and E. C. Smith	813,309	Feb. 20	3577	786	120	2352
Loom warp stop-motion.	H. G. Baker	813,765	Feb. 27	4466	987	120	2605
Loom warp stop-motion.	N. Foerster	818,367	Apr. 17	3620	776-7	121	2260
Loom warp stop-motion.	A. Mann	829,479	Aug. 28	3658	773	123	2693
Loom warp stop-motion.	J. T. Bolton	835,807	Nov. 13	1833	387	125	507
Loom weft-fork	T. Hilton	817,915	Apr. 17	2729	592	121	2068
Loom weft-fork	E. Parkinson	825,004	July 3	651	131	123	170
Loom. Weft-replenishing.	H. W. Wyman	808,966	Jan. 2	695	151	120	154
Loom. Weft-replenishing.	C. Whalley	809,158	Jan. 2	1057	219	120	232
Loom. Weft-replenishing.	H. Wyman and J. T. Cyr	811,889	Feb. 6	682	149	120	1629
Loom. Weft-replenishing.	N. Foerster, D. J. Carey, and W. A. Foster.	815,951	Mar. 27	3987	844-5	121	1025
Loom. Weft-replenishing.	A. E. A., and G. Walker	827,586	July 31	5989	1244-5	123	1570
Loom weft-replenishing mechanism	J. M. Grey	810,406	Jan. 23	3691	759-61	120	924
Loom weft-replenishing mechanism	H. Zwicky	812,970	Feb. 20	2902	640	120	2208
Loom weft-replenishing mechanism	F. O'Donnell	816,364	Mar. 27	4851	1028	121	1212
Loom weft-replenishing mechanism	N. Foerster	817,237	Apr. 10	1370	288	121	1722
Looms. Automatic filling-replenishing mechanism for	N. Foerster	815,948	Mar. 27	3980	843	121	1023
Looms. Automatic stop-motion mechanism for power-	J. F. Blumer	830,561	Sept. 11	1354	281-2	124	363
Looms. Cloth-tension device for take-up mechanism for	C. S. Andem	809,239	Jan. 2	1254	255	120	276
Looms. Crank-shaft support for	A. J. O'Reilly	809,392	Jan. 9	1600	324	120	385
Looms. Device for holding thrums or knotting-threads in	E. Marschner	836,518	Nov. 20	3208	681	125	891
Looms. Electric warp stop-motion for	G. E. Chandler	823,489	June 12	2546	536	122	2329
Looms. False reed for	W. E. Wingate	812,316	Feb. 13	1629	358	120	1897
Looms. Feeler stop-motion for automatic	J. A. Perkins and A. A. St. Laurent	817,445	Apr. 10	1788	376	121	1809
Looms. Filling-exhaustion-indicating mechanism for	C. F. Roper	821,123	May 22	4301	916	122	1134
Looms. Filling-feeder for filling-replenishing	E. S. Wood	830,397	Sept. 4	1008	211	124	249
Looms for weaving pile fabrics. Jacquard mechanism for	R. S. and H. Cookson	831,144	Sept. 18	2518	531	124	687
Looms. Give-way connection for box-motions of	W. Wattie	812,468	Feb. 13	1907	421	120	1954
Looms. Hopper for filling-replenishing	E. Cunliff	817,047	Apr. 3	994	203	121	1579
Looms. Jacquard for weaving	H. Mackintosh	819,567	May 1	1040	227-8	122	234
Looms. Lug-strap connection for	J. Thompson	822,321	June 5	192	38	122	1769
Looms. Means for regulating the tension upon warp-threads of	W. H. Ryder	813,833	Feb. 27	4628	1024	120	2640
Looms. Needle-motion for pile-fabric	F. A. Whitmore	837,019	Nov. 27	4257	906	125	1182
Looms. Needle-operating mechanism for	N. Smarup	811,590	Feb. 6	111	24	120	1509
Looms. Shuttle-clearing means for filling-replenishing	J. Northrop	812,516	Feb. 13	2005	440	120	1975
Looms. Thread-parting mechanism for	O. Benson	815,786	Mar. 20	3653	768	121	902
Looms. Thread-parting mechanism for	H. F. Kelley	819,351	May 1	641	136	122	142
Looms. Thread-parting mechanism for	E. Cunliff	834,269	Oct. 30	4786	1012	124	2558
Looms. Thread-tensioning device for replenishing	A. M. Marcoux	837,862	Dec. 4	1159	256	125	1641
Loop. Handle.	H. P. Townsend and C. E. Johnson.	825,563	July 10	1805	382	123	483
Loop-shield.	A. F. Warele	812,104	Feb. 6	1141	250	120	1721
Loop-the-gap apparatus	M. Garanger	826,560	July 24	3842	795	123	1022
Looper-hook	W. H. Zellers	832,890	Oct. 9	1767	364	124	1678
Looping-machine.	S. T. Harshaw	818,374	Apr. 17	3633	779-80	121	222
Looping-machine attachment	J. Pearson	825,155	July 3	929	197	123	244
Looping-machine attachment	W. Pearson	828,962	Aug. 21	2537	538	123	2363
Lorry.	L. Christensen	826,142	July 17	2963	616	123	795
Lounging-chair.	W. Williamson	828,079	Aug. 7	785	161	123	1865
Low-water alarm.	W. I. Thomson	838,823	Dec. 18	3063	660	125	2199
Low-water alarm. Steam-boiler.	C. G. Gildard	811,213	Jan. 30	5293	1107	120	1309
Low-water alarm. Steam-boiler.	C. G. Gildard	811,214	Jan. 30	5296	1108	120	1309
Lowering device. Safety.	V. R. and E. H. Browning	814,828	Mar. 13	1673	350	121	425
Lubricant.	H. N. Potter	830,739	Sept. 11	1743	124	124	471
Lubricant-receptacle.	W. T. Randerson	819,454	May 1	840	181	122	188
Lubricating apparatus.	J. F. McCanna	822,685	June 5	920	187-8	122	1932
Lubricating apparatus.	W. W. Nugent	825,609	July 10	1900	401	123	505
Lubricating apparatus.	C. W. Manzel	827,381	July 31	5493	1142	123	1449
Lubricating apparatus.	M. Castelnau	832,956	Oct. 9	1890	393	124	1706
Lubricating apparatus.	T. A. Shipp, Jr.	839,657	Dec. 25	4731	1011	125	2651
Lubricating apparatus. Steam	W. Michalk	826,517	July 17	3727	772	123	978
Lubricating cup	C. C. Davis	838,011	Dec. 11	1449	313	125	1758
Lubricating device.	G. A. Bronder	815,260	Mar. 13	2527	530	121	609
Lubricating device.	W. E. Moore and J. W. Bridge	817,084	Apr. 3	1053	218	121	1592
Lubricating device.	D. S. Seymour	821,063	May 22	4186	889	122	1110
Lubricating device.	W. H. Procter	821,432	May 22	4937	1049	122	1276
Lubricating device.	R. G. Woodward	822,877	June 5	1279	264	122	2006
Lubricating device.	W. B. Lowe	824,187	June 26	3867	825-6	122	2735
Lubricating device.	C. W. Manzel	832,265	Oct. 2	506	95-6	124	1336
Lubricating device.	W. H. O'Connor	832,875	Oct. 9	1737	359	124	1671
Lubricating device.	F. W. Hall	836,253	Nov. 20	2698	574	125	768
Lubricating device.	L. Feval	838,014	Dec. 11	1458	315	125	1760
Lubricating device.	C. T. Carnahan	838,380	Dec. 11	2215	480	125	1946
Lubricating device. Wheel and axle	G. A. Bronder	812,402	Feb. 13	1798	393	120	1931
Lubricating journal-bearings. Device for	F. J. Randall	816,253	Mar. 27	4595	977	121	1158
Lubricating machine-tools. Means for	E. J. Kearney and T. Trecker	834,063	Oct. 23	4327	920	124	2396
Lubricating mechanism	C. C. Rlotte	816,741	Apr. 3	369	86	121	1442
Lubricating mechanism	N. A. Christensen	821,582	May 22	5195	1108	122	1330

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Lubricating mechanism.....	H. A. Hettinger and J. P. Bateman.	834,576	Oct. 30	5362	1138	124	2703
Lubricating-pad frame.....	G. Maass.....	828,617	Aug. 14	1857	391	123	2161
Lubricating-pad frame.....	G. Maass.....	828,857	Aug. 14	2322	494	123	2277
Lubricating-pad frame.....	G. Maass.....	828,858	Aug. 14	2323	494	123	2278
Lubricating-pads. Woven fabric for.....	E. Mooney.....	814,152	Mar. 6	294	59	121	65
Lubricating pulverizing-mills. Means for.....	G. L. Pratt.....	826,059	July 17	2806	582	123	747
Lubricating system.....	H. W. Elliott.....	818,364	Apr. 17	3616	775	121	2259
Lubricating system.....	W. Hight.....	829,271	Aug. 21	3205	673	123	2534
Lubricating the barrel-wheel bearings of barrel-gim-mills. Apparatus for.....	E. H. Glanzberg.....	821,234	May 22	4503	959	122	1181
Lubricating under pressure. Device for.....	L. M. G. Delaunay-Belleville.....	817,629	Apr. 10	2140	453	121	1882
Lubricating vehicle-wheels. Means for.....	W. M. Boyd.....	811,615	Feb. 6	158	35	120	1520
Lubricating-wheel.....	O. Q. Sellers.....	812,887	Feb. 20	2731	600	120	2170
Lubricating wheels. Means for.....	G. W. Lovejoy.....	811,858	Feb. 6	611	133	120	1613
Lubrication-pipe.....	J. Mühlrad.....	812,352	Feb. 13	1687	371	120	1910
Lubrication. System of splash.....	A. P. Brush. (Reissue).....	12,524	Aug. 28	4667	978	123	2942
See Automatic lubricator. Hydraulic lubricator.							
Axle-lubricator. Journal-lubricator.							
Axle-box lubricator. Locomotive-lubricator.							
Bearing-lubricator. Mechanical lubricator.							
Car-lubricator. Piston-rod lubricator.							
Car-wheel lubricator. Plunger-lubricator.							
Car-wheel-flange lubri-cator. Pulley-lubricator.							
Drop-feed lubricator. Shaft-lubricator.							
Engine-lubricator. Sight-feed lubricator.							
Force-feed lubricator. Steam-chest lubricator.							
Forced-feed lubricator. Valve-lubricator.							
Graphite-lubricator. Windmill-lubricator.							
Lubricator.....	W. S. Patterson.....	809,393	Jan. 9	1601	324	120	385
Lubricator.....	E. Dietz.....	810,194	Jan. 16	3192	662	120	781
Lubricator.....	L. O. Crawford.....	810,844	Jan. 23	4523	941	120	1108
Lubricator.....	E. W. Baird and J. P. Durkin.....	811,024	Jan. 30	4917	1026	120	1229
Lubricator.....	J. Hanson.....	811,917	Feb. 6	736	161	120	1640
Lubricator.....	J. C. Fickes.....	812,032	Feb. 6	1012	221	120	1694
Lubricator.....	C. C. Dodge.....	812,261	Feb. 13	1518	332	120	1871
Lubricator.....	C. C. Dodge.....	812,330	Feb. 13	1654	363	120	1902
Lubricator.....	O. O. Kittleson.....	812,428	Feb. 13	1839	404	120	1940
Lubricator.....	J. Maloy and A. White.....	812,578	Feb. 13	2145	470	120	2004
Lubricator.....	E. H. Dohse.....	812,644	Feb. 13	2267	494	120	2026
Lubricator.....	C. B. and F. W. Hodges. (Reissue).....	12,454	Feb. 20	3740	821-2	120	2387
Lubricator.....	W. E. Bryant, G. M. Wolcott, and R. Davidson.....	814,016	Mar. 6	21	4-5	121	6
Lubricator.....	C. Rutz.....	814,082	Mar. 6	160	32	121	36
Lubricator.....	F. C. Le Messurier.....	814,147	Mar. 6	287	57	121	63
Lubricator.....	H. J. Brown.....	814,269	Mar. 6	523	108	121	112
Lubricator.....	L. Gleason.....	815,088	Mar. 13	2174	458	121	529
Lubricator.....	G. Sloan.....	817,529	Apr. 10	1955	413	121	1844
Lubricator.....	C. E. Graebing.....	818,160	Apr. 17	3216	691	121	2175
Lubricator.....	J. T. Pedersen.....	820,821	May 15	3635	776-7	122	929
Lubricator.....	L. G. M. West.....	821,072	May 22	4206	894	122	1114
Lubricator.....	T. L. and T. J. Sturtevant.....	821,266	May 22	4568	971	122	1194
Lubricator.....	J. F. McCanna.....	822,900	June 5	1327	275	122	2016
Lubricator.....	B. O. Kelly.....	823,729	June 19	3010	638	122	2490
Lubricator.....	L. D. Pickett.....	824,809	July 3	257	46	123	71
Lubricator.....	E. E. Keefe.....	824,873	July 3	385	74	123	105
Lubricator.....	L. Gleason.....	825,048	July 3	723	152	123	194
Lubricator.....	C. Comstock.....	825,586	July 10	1854	393	123	494
Lubricator.....	C. A. Conn.....	826,543	July 24	3805	788	123	1012
Lubricator.....	J. T. Pedersen.....	827,032	July 24	4745	990	123	1248
Lubricator.....	A. A. Stelling.....	827,402	July 31	5541	1152	123	1462
Lubricator.....	G. W. Carver.....	829,096	Aug. 21	2814	592	123	2436
Lubricator.....	C. W. Manzel.....	829,166	Aug. 21	3001	626	123	2483
Lubricator.....	M. S. Prichard.....	829,292	Aug. 21	3247	684	123	2543
Lubricator.....	F. W. and R. J. Gratiot.....	829,866	Aug. 28	4466	943	123	2889
Lubricator.....	S. J. and G. C. Welter.....	831,395	Sept. 18	2999	637	124	808
Lubricator.....	J. J. Slagel.....	831,899	Sept. 25	4057	844-5	124	1119
Lubricator.....	H. H. Flanagan and J. Huver-stuhl.....	832,051	Oct. 2	46	12	124	1224
Lubricator.....	F. G. Kellogg and A. E. Timmis.....	832,388	Oct. 2	741	144	124	1390
Lubricator.....	G. H. Annan.....	833,149	Oct. 16	2273	447-8	124	1850
Lubricator.....	T. A. Dalrymple and R. Burn-side, Jr.....	833,308	Oct. 16	2615	548	124	1939
Lubricator.....	C. P. McCaffrey.....	834,068	Oct. 23	4336	922	124	2398
Lubricator.....	G. M. Lombard.....	834,388	Oct. 30	5019	1063	124	2616
Lubricator.....	E. C. Matson and E. J. Baldwin.....	836,195	Nov. 20	2572	542	125	734
Lubricator.....	C. S. Zeyen.....	836,234	Nov. 20	2643	556-7	125	753
Lubricator.....	C. L. Grayber and E. R. Kerri-gan.....	837,220	Nov. 27	4645	987	125	1279
Lubricator.....	J. J. Reilly.....	837,644	Dec. 4	741	169	125	1538
Lubricator.....	F. W. Knott.....	837,905	Dec. 4	1235	272	125	1660
Lubricator.....	M. T. Vallney and Q. C. Daniels.....	839,234	Dec. 25	3880	834	125	2444
Lubricator.....	C. H. Shobert.....	839,787	Dec. 25	4993	1066	125	2717
Lubricator sight-feed.....	G. N. Einsele.....	820,922	May 15	3871	824	122	980
Lubricator sight-feed.....	J. A. Erickson.....	823,209	June 12	1988	414	122	2210
Lubricators. Automatic checks for feed-glasses and water by-passes for.....	W. E. Bryant.....	837,790	Dec. 4	1017	227	125	1606
Lubricators. Auxiliary oil-cup for sight-feed.....	F. W. Edwards.....	839,373	Dec. 25	4141	888	125	2509
Lubricators. Distributer for force-feed.....	R. H. Elkins.....	836,308	Nov. 20	2807	595-6	125	796
Lubricators. Means for operating force-feed.....	D. S. Keut.....	837,624	Dec. 4	689	159	125	1525
Lug-strap attachment.....	J. F. Harrington.....	813,417	Feb. 27	3798	833	120	2457
Luggage-carrier.....	D. D. Leavy.....	823,058	June 12	1658	343	122	2137
Lumber. Compound.....	P. F. Bolton.....	837,661	Dec. 4	770	176	125	1545
Lumber-drying kiln.....	C. D. Ross.....	822,481	June 5	489	99	122	1833

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. &c.	Vol.	Page.
Lumber-drying kiln.....	C. F. Williams.....	829,497	Aug. 28	3689	778-9	123	2698
Lumber-drying kiln.....	H. J. Morton.....	837,866	Dec. 4	1166	258	125	1644
Lumber-feeding machine.....	C. E. Cleveland.....	811,377	Jan. 30	5605	1172-3	120	1377
Lumber-jack.....	J. M. Ferriss, Jr.....	831,780	Sept. 25	3786	793	124	1052
Lumber-joining machine.....	A. T. Linderman.....	827,738	Aug. 7	82	16-19	123	1690
Lumber-manufacturing machine.....	C. E. Ghadden.....	832,546	Oct. 2	1048	210	124	1466
Lumber-platform.....	W. A. Fellers.....	838,095	Dec. 11	1644	354	125	1808
Luminous areas. Device for comparing.....	W. D. Ryan.....	815,865	Mar. 20	3829	811	121	939
Luna for holding the host.....	H. F. Nehr.....	810,217	Jan. 16	3246	672	120	792
Lunch-box.....	M. Bales.....	825,177	July 3	973	205	123	254
Lunch-cabinet table.....	T. T. Chamberlain.....	819,851	May 8	1631	347-8	122	429
Lure for use with troller-hooks.....	G. W. Tinkess.....	810,822	Jan. 23	4487	933	120	1101
Macaroni-sawing machine.....	S. Mueller.....	822,218	May 29	6448	1369-70	122	1671
Macaronis. Machine for making flat.....	A. De Vito.....	812,704	Feb. 13	2373	520	120	2046
Machine for working materials. Universal.....	V. D. Blanpain and A. Jaspard.....	837,660	Dec. 4	767	175-6	125	1544
Machine-operating mechanism.....	C. R. Meston.....	821,661	May 29	5371	1145	122	1427
Machine-tool. Combination.....	J. W. Myers.....	813,056	Feb. 20	3073	673-4	120	2247
Machine-tool-feed mechanism.....	E. Peters.....	829,800	Aug. 28	4338	917	123	2859
Machine-tool-feeding mechanism.....	F. Müller.....	831,974	Sept. 25	4191	875	124	1152
Machine-tools. Reversing mechanism for.....	J. Miley.....	825,231	July 3	1081	228	123	282
Machines and parts thereof. Connection for.....	H. Dock.....	821,027	May 22	4113	874	122	1095
Machines mounted on an axle. Flexible support for.....	I. Deutsch.....	839,735	Dec. 25	4886	1044	125	2690
Machinery. Folding.....	E. H. Cottrell.....	818,611	Apr. 24	4135	888-9	121	2425
Machinery. Means for removably connecting moving parts of.....	H. H. Urnston.....	822,494	June 5	514	105	122	1838
Machinery. Means for starting and stopping.....	J. B. Austin.....	825,175	July 3	970	204	123	253
Machinery safety device.....	D. A. Brennan.....	828,454	Aug. 14	1538	324-5	123	2079
Magazine.....	W. A. Sparks.....	810,310	Jan. 16	3451	713	120	837
Magazines or other articles. Apparatus for feeding.....	A. Lyle.....	833,071	Oct. 9	2106	413-4	124	1761
Magnesium compound of pinene haloids and making same.....	A. Hesse.....	826,166	July 17	3008	.....	123	798
Magnesium perborate.....	O. Liebknecht.....	816,925	Apr. 3	757	.....	121	1526
Magnet device. Polarized.....	M. K. McGrath.....	825,406	July 10	1443	703	123	393
Magnet. Lifting.....	C. E. F. Ahlm.....	822,095	May 29	6209	1324	122	1616
Magnet. Lifting.....	A. C. Eastwood.....	835,942	Nov. 13	2066	441-2	125	559
Magnet. Lifting.....	C. E. F. Ahlm.....	837,174	Nov. 27	4567	969	125	1259
Magnet protector. Thermostatic.....	J. Thulin.....	826,910	July 24	4529	942	123	1196
Magnet. Slow-release.....	L. H. Thullen.....	826,627	July 24	3987	825-6	123	1051
Magnetic actuator.....	D. Bacon.....	817,687	Apr. 10	2233	479	121	1903
Magnetic apparatus.....	H. R. Plimpton, 2d.....	824,812	July 3	265	47	123	73
Magnetic apparatus. Alternating-current.....	D. Larson.....	837,853	Dec. 4	1131	253	125	1635
Magnetic apparatus. Alternating-current.....	D. Larson.....	837,854	Dec. 4	1134	253	125	1636
Magnetic cut-out apparatus.....	L. Andrews.....	822,234	June 5	3	1-2	122	1729
Magnetic dolly-bar.....	E. G. Caughey.....	829,570	Aug. 28	3850	817	123	2739
Magnetic furnace. Continuous.....	H. C. Shaw.....	821,752	May 29	5566	1184-5	122	1471
Magnetic materials. Making.....	R. A. Hadfield.....	836,759	Nov. 27	3723	.....	125	1052
Magnetic materials. Making.....	R. A. Hadfield.....	836,760	Nov. 27	3724	.....	125	1052
Magnetic materials. Making.....	R. A. Hadfield.....	836,761	Nov. 27	3724	.....	125	1052
Magnetic needle.....	G. N. Saegmüller.....	811,248	Jan. 30	5365	1120	120	1325
Magnetic qualities of a magnetic body. Improving certain.....	R. A. Hadfield.....	836,755	Nov. 27	3721	.....	125	1052
Magnetic separation.....	F. T. Snyder.....	817,399	Apr. 10	1691	356-7	121	1789
Magnetic separation. Apparatus for.....	G. G. Bring.....	827,499	July 31	5823	1207	123	1529
Magnetic separator.....	H. F. Campbell.....	810,841	Jan. 23	4515	940	120	1108
Magnetic separator.....	M. Dings.....	821,615	May 29	5280	1126	122	1407
Magnetic separator.....	H. H. Wait.....	823,235	June 12	2055	427	122	2226
Magnetic separator.....	F. T. Snyder.....	823,301	June 12	2177	454	122	2251
Magnetic separator.....	F. T. Snyder.....	823,302	June 12	2179	454-5	122	2252
Magnetic separator.....	F. T. Snyder.....	823,303	June 12	2184	455-6	122	2253
Magnetic separator.....	F. T. Snyder.....	823,304	June 12	2188	456-7	122	2254
Magnetic separator.....	L. A. Dunham.....	823,492	June 12	2553	538	122	2330
Magnetic separator.....	F. T. Snyder.....	832,820	Oct. 9	1614	332	124	1640
Magnetic separator.....	H. H. Wait.....	832,825	Oct. 9	1630	335	124	1644
Magnetic separator.....	H. H. Wait.....	832,829	Oct. 9	1639	337	124	1646
Magnetic separator.....	J. C. Winder.....	837,994	Dec. 11	1421	309	125	1750
Magnifying-glass frame.....	W. J. Kemler.....	839,599	Dec. 25	4598	981	125	2620
Magnifying-glasses. Reflector for.....	C. E. Bunker.....	817,902	Apr. 17	2709	588	121	2064
Mail and package deliverer. Automatic.....	H. W. Vail.....	834,775	Oct. 30	5779	1227-8	124	2808
Mail-bag catcher.....	L. J. Evans.....	808,646	Jan. 2	50	10-11	120	13
Mail-bag catcher.....	J. F. Chester.....	810,322	Jan. 16	3474	718	120	841
Mail-bag catcher.....	J. C. Elliff.....	812,835	Feb. 20	2635	576	120	2149
Mail-bag catcher.....	F. D. Smiley.....	814,090	Mar. 6	180	36	121	39
Mail-bag catcher.....	D. F. Stokes.....	814,630	Mar. 6	1254	264	121	272
Mail-bag catcher.....	W. T. and E. B. Whitesell.....	818,592	Apr. 24	4079	876	121	2411
Mail-bag catcher and deliverer.....	H. H. Akers.....	812,471	Feb. 13	1911	421-2	120	1955
Mail-bag catcher and deliverer.....	N. K. Bowman.....	824,902	July 3	456	89	123	121
Mail-bag catcher and deliverer.....	C. R. Hawkins.....	826,247	July 17	3156	655-6	123	830
Mail-bag catcher and deliverer.....	W. A. Horral.....	831,438	Sept. 18	3084	653	124	830
Mail-bag catcher and deliverer.....	A. Leflore and P. O. Apple.....	834,916	Nov. 6	79	15	125	23
Mail-bag catcher for railways. Automatic.....	H. G. and B. C. W. Dix.....	811,132	Jan. 30	5131	1072	120	1273
Mail-bag catching and delivering apparatus and semaphore-mast. Combined.....	W. Davidson.....	835,503	Nov. 13	1249	268-9	125	360
Mail-bag catching and delivering mechanism.....	W. T. Rook.....	818,470	Apr. 24	3819	821-2	121	2357
Mail-bag catching and delivery apparatus.....	J. S. Kauffman.....	827,067	July 24	4830	1005-6	123	1268
Mail-bag clamp.....	J. A. Engle.....	817,308	Apr. 10	1512	317	121	1750
Mail-bag crane.....	J. Cole.....	824,175	June 26	3847	821	122	2730
Mail-bag crane.....	O. Hansen.....	826,721	July 24	4160	865	123	1104
Mail-bag deliverer.....	F. M. Hurley.....	831,952	Sept. 25	4153	865	124	1142
Mail-bag deliverer.....	W. J. Smith.....	833,643	Oct. 16	3304	702	124	2102
Mail-bag deliverer.....	N. K. Bowman.....	837,380	Dec. 4	207	50-1	125	1408
Mail-bag-delivering apparatus. Automatic.....	G. B. Allis.....	834,863	Oct. 30	5958	1265	124	2853
Mail-bag-delivering device.....	W. Irion.....	829,213	Aug. 21	3088	649	123	2505
Mail-bag-delivery apparatus.....	J. T. Nash.....	816,878	Apr. 3	658	136-7	121	1504
Mail-bag device. Railway.....	C. A. Garber.....	811,710	Feb. 6	335	74	120	1560
Mail-bag holder.....	W. E. D. Everest.....	827,793	Aug. 7	215	42	123	1724
Mail-bag lock.....	R. B. Rice.....	829,087	Aug. 21	2799	588-9	123	2432

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Mail-bag projector.....	J. A. Newsom.....	834,929	Nov. 6	102	20-1	125	29
Mail-bag receiving and delivering apparatus.....	T. Cross.....	809,430	Jan. 9	1677	344	120	401
Mail-bag receiving and delivering apparatus.....	D. M. Daley.....	831,646	Sept. 25	3519	738-9	124	980
Mail-box.....	F. M. Raymond and W. S. Stoughton.....	808,872	Jan. 2	475	104	120	106
Mail-box.....	T. J. R. Turner.....	809,866	Jan. 9	2505	520	120	584
Mail-box.....	E. G. Seasholtz.....	810,089	Jan. 16	2978	621	120	739
Mail-box.....	H. L. Pier.....	810,806	Jan. 23	4466	928	120	1096
Mail-box.....	D. W. Morrow.....	812,514	Feb. 13	2002	439	120	1974
Mail-box.....	K. T. Marsh.....	812,662	Feb. 13	2293	499	120	2031
Mail-box.....	D. T. Buckwalter.....	815,263	Mar. 13	2532	532	121	611
Mail-box.....	W. E. and G. Weston.....	815,770	Mar. 20	3618	760	121	895
Mail-box.....	W. A. Wheeler.....	816,200	Mar. 27	4500	955	121	1137
Mail-box.....	O. M. Aarseth.....	820,841	May 15	3688	786	122	940
Mail-box.....	O. F. Smith.....	821,440	May 22	4950	1051	122	1280
Mail-box.....	J. M. Peterson.....	822,014	May 29	6059	1291	122	1581
Mail-box.....	S. L. Coulter.....	823,585	June 19	2747	582	122	2432
Mail-box.....	A. King.....	823,730	June 19	3012	638	122	2490
Mail-box.....	W. H. Zylstra.....	825,503	July 10	1685	352	123	454
Mail-box.....	J. H. Van Dorn.....	827,482	July 31	5788	1201	123	1520
Mail-box.....	H. G. Homme.....	830,231	Sept. 4	670	134	124	169
Mail-box.....	G. E. Hasseman.....	830,502	Sept. 11	1221	255	124	330
Mail-box.....	H. Terstege.....	833,856	Oct. 23	3752	797	124	2259
Mail-box.....	L. W. Homire.....	833,879	Oct. 23	3810	809	124	2273
Mail-box.....	J. M. Larsh.....	838,194	Dec. 11	1850	396	125	1860
Mail-box and transmitter.....	H. Mueller.....	822,294	June 5	140	27-8	122	1759
Mail-box bulletin.....	J. M. Larsh.....	808,764	Jan. 2	279	61	120	64
Mail-box lids. Device for operating.....	A. Seaton.....	817,591	Apr. 10	2072	437	121	1868
Mail-box. Rural.....	J. A. Brown and B. Bybee.....	814,428	Mar. 6	881	180	121	192
Mail-box. Rural.....	C. F. Farrar.....	815,585	Mar. 20	3212	676	121	807
Mail-box signal.....	E. B. Kitchen.....	823,791	June 19	3134	664	122	2518
Mail-box signal.....	R. Forwood.....	826,416	July 17	3472	722	123	609
Mail-box-signal lock.....	S. Patterson and J. W. Wiseman.....	833,798	Oct. 23	3613	272	124	2223
Mail-box, speaking-tube, &c. Combination.....	W. J. McWade.....	825,339	July 10	1302	774	123	357
Mail-boxes. Annunciator attachment for.....	W. B. Allen.....	837,770	Dec. 4	983	221	125	1598
Mail-boxes. Crane for rural.....	J. B. Mellinger.....	827,929	Aug. 7	467	96	123	1788
Mail-boxes. Door-operated alarm device for.....	F. and J. Hahn.....	839,137	Dec. 25	3689	795	125	2403
Mail-carrier.....	F. S. Jolly.....	827,312	July 31	5361	1114	123	1417
Mail-carrier.....	H. J. Bolinski.....	829,623	Aug. 28	3957	838-9	123	2765
Mail-carrier.....	T. S. Smith.....	830,109	Sept. 4	396	81-2	124	98
Mail-carrier. Electric automatic.....	M. Danner.....	816,649	Apr. 3	216	50-1	121	1408
Mail-carrying apparatus.....	H. E. Hall.....	835,677	Nov. 13	1580	337-8	125	442
Mail-carrying cabinet.....	H. D. Hackney.....	825,456	July 10	1574	326	123	429
Mail-carrying device.....	H. Pearson.....	838,746	Dec. 18	2907	627	125	2161
Mail-carrying device.....	H. Pearson.....	838,747	Dec. 18	2909	628	125	2162
Mail-case.....	A. Robinson.....	817,003	Apr. 3	915	189	121	1561
Mail-catcher.....	W. W. Sykes.....	824,601	June 26	4713	1003	122	2915
Mail-catching and delivery means. Railway.....	J. G. Johnson.....	823,535	June 19	2657	560	122	2413
Mail-catching device.....	J. Ryan.....	824,440	June 26	4387	933	122	2842
Mail-chute.....	J. W. Cutler.....	820,394	May 15	2777	602	122	742
Mail-chute.....	F. E. Anderson.....	821,275	May 22	4587	977	122	1119
Mail collection and delivery box.....	J. I. Fullwood.....	818,241	Apr. 17	3385	726	121	2210
Mail-crane.....	J. L. Athey.....	810,600	Jan. 23	4080	841	120	1011
Mail-crane.....	G. J. Cramer.....	835,404	Nov. 6	1070	229	125	270
Mail-crane and danger-signal.....	T. B. Rowen.....	829,035	Aug. 21	2702	566-7	123	2496
Mail-deliverer.....	H. L. Kimmons.....	809,187	Jan. 2	1111	231	120	245
Mail-deliverer.....	G. Souther.....	831,306	Sept. 18	2841	601-2	124	770
Mail-delivery box.....	T. B. Gray.....	835,675	Nov. 13	1577	337	125	441
Mail-delivering apparatus.....	W. H. Haley.....	834,798	Oct. 30	5827	1236	124	2821
Mail-delivering device.....	F. W. Renner.....	827,565	July 31	5954	1235	123	1561
Mail-delivery apparatus.....	H. McCabe.....	816,876	Apr. 3	652	135	121	1503
Mail-delivery apparatus.....	J. J. Nohr.....	819,162	May 1	241	52	122	60
Mail-delivery apparatus. Rural.....	R. M. Bartholomew.....	822,816	June 5	1157	238	122	1982
Mail-deposit box. Letter-carrier's.....	T. V. Davis.....	817,048	Apr. 3	996	204	121	1580
Mail-marking machine.....	W. J. Sheetz.....	833,754	Oct. 23	3510	749	124	2198
Mail-marking machine. Hand.....	H. E. Waite.....	811,976	Feb. 6	890	195	120	1670
Mail-marking machine. Self-feeding.....	H. E. Waite.....	822,791	June 5	1102	228-9	122	1970
Mail-marking machines. Separating mechanism for.....	H. Osborn.....	825,476	July 10	1614	336	123	438
Mail-matter. Truck for transferring.....	F. E. Baker.....	832,006	Sept. 25	4245	887	124	1166
Mail-pouch catcher.....	J. E. Smith.....	824,388	June 26	4268	909	122	2818
Mail-pouch-exchanging device.....	G. W. Mosher.....	823,617	June 19	2803	594	122	2445
Mail-pouch fastener.....	L. H. Hinaman.....	809,058	Jan. 2	858	182	120	190
Mail-pouches. Means for delivering and catching.....	E. W. Hammersmith.....	822,447	June 5	414	85	122	1814
Mail receiving and delivering apparatus.....	J. S. Lanier.....	839,607	Dec. 25	4610	984	125	2623
Mail receiving and delivering mechanism for railways.....	F. H. Burr.....	827,056	July 24	4799	1001	123	1261
Mail receiving and delivery apparatus.....	F. M. Hurley.....	821,941	May 29	5923	1260-1	122	1551
Mail-receiving delivery apparatus.....	F. M. Hurley.....	826,855	July 24	4412	919	123	1167
Mail-signal.....	P. A. Gordon.....	834,122	Oct. 23	4471	949	124	2434
Mail-transferring device.....	C. Kreps.....	808,932	Jan. 2	609	133	120	134
Mailing-box.....	G. A. Owen.....	817,186	Apr. 10	1265	262-3	121	1700
Mailing-card and indicating device. Comb. ned.....	W. MacGerald.....	830,343	Sept. 4	888	182	124	220
Mailing-card. Photographic.....	S. A. Markoff.....	816,870	Apr. 3	643	133	121	1501
Mailing cards. Machine for making coin.....	J. J. Gaynor.....	839,747	Dec. 25	4916	1050-1	125	2697
Mailing-machines. Stencil for automatic.....	C. A. Brown.....	835,700	Nov. 13	1618	344	125	450
Mailing-tube.....	A. L. Gray.....	811,556	Feb. 6	35	8	120	1492
Mailing-tube.....	C. R. McCabe.....	836,200	Nov. 20	2578	544	125	736
Mailing-tube sheet and wrapper.....	H. Del Mar.....	812,187	Feb. 13	1369	298	120	1838
Malt-drying apparatus.....	E. Ellermann.....	817,698	Apr. 10	2247	483	121	1905
Malt-germinating apparatus.....	R. Plischke.....	825,242	July 3	1097	232	123	286
Malt-house and apparatus.....	W. P. Rice.....	826,886	July 24	4474	931-2	123	1182
Malt-kiln.....	P. G. Toeffer.....	835,583	Nov. 13	1409	302	125	400
Malt-stirring apparatus.....	J. F. Dornfeld.....	815,275	Mar. 13	2548	536-7	121	613
Malt-transporting device. Green.....	C. Steinert.....	810,989	Jan. 30	4856	1011	120	1215
Malt turner. Green.....	G. Weinbeer.....	829,307	Aug. 21	3269	689	123	2548
Malt-turning machine. Green.....	H. G. Krauss.....	819,145	May 1	212	45	122	53
Malting apparatus.....	J. W. Free.....	836,925	Nov. 27	4073	869-70	125	1138

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Mallet.....	J. D. Luse.....	834,827	Oct. 30	5888	1248	124	2836
Manacle.....	A. Eisaman.....	829,197	Aug. 21	3056	641	123	2448
Mandrel.....	B. Paugh.....	833,481	Oct. 16	2981	632	124	2027
Mandrel-bars. Device for operating.....	P. C. Patterson.....	812,226	Feb. 13	1446	315-16	120	1855
Mandrel-press.....	C. Ridderhof.....	829,488	Aug. 28	3675	776	123	2695
Mandrel. Right-angle bur.....	G. N. Guthrie, Jr.....	825,271	July 3	1153	244	123	300
Manganese peroxid sulfate and making same.....	M. Bazlen.....	837,777	Dec. 4	993		125	1601
Mangle.....	G. Hatch.....	815,820	Mar. 20	3720	784	121	916
Mangle.....	C. T. Gilmore.....	835,187	Nov. 6	626	128-9	125	159
Mangle.....	C. T. Gilmore.....	835,188	Nov. 6	629	129-30	125	160
Mangle. Gas.....	H. F. Pendleton.....	836,780	Nov. 27	3775	804	125	1066
Manhole construction.....	D. Craig.....	835,012	Nov. 6	269	59	125	70
Manhole-cover.....	A. Potter.....	821,736	May 29	5528	1179	122	1461
Manhole-cover.....	W. Yaeger.....	835,294	Nov. 6	834	174	125	211
Manhole cover and frame.....	M. H. O'Donnell.....	810,969	Jan. 30	4819	1002	120	1207
Manhole-cover fastener.....	F. J. Tucker.....	822,562	June 5	646	130	122	1868
Manhole for conduits and the like.....	W. A. Haller and J. W. Billingsley.....	810,855	Jan. 23	4545	946	120	1114
Manhole plate or cover.....	J. R. Brown and I. Harter, Jr.....	836,859	Nov. 27	3912	835	125	1102
Manholes. Cover for road.....	F. Baumann.....	814,013	Mar. 6	17	4	121	6
Manicure and chiropodist's apparatus.....	R. H. Johnson.....	837,229	Nov. 27	4660	990-1	125	1283
Manicuring appliance.....	A. A. Angus and D. B. Cameron.....	811,992	Feb. 6	932	204	120	1679
Manicuring device.....	J. L. Neff.....	838,440	Dec. 11	2326	503	125	1975
Manifolding and filing apparatus.....	J. Bailey.....	838,513	Dec. 18	2475	537	125	2055
Manifolding apparatus.....	J. Bengough, J. A. Tansley, and W. J. Reidell.....	816,063	Mar. 27	4224	895	121	1077
Mantel. Adjustable.....	J. E. Holbein and W. P. Kinsey.....	827,369	July 31	5470	1136	123	1443
Mantle-burner. Acetylene.....	C. Holmok.....	828,028	Aug. 7	683	141	123	1840
Mantle holder. Incandescing.....	O. Wiederhold.....	811,018	Jan. 30	4910	1024	120	1227
Mantle-support.....	T. Stites.....	810,991	Jan. 30	4859	1012	120	1215
Mantle-supports. Forming.....	C. M. Lungren.....	836,123	Nov. 20	2415	510	125	697
Mantle suspension.....	C. M. Lungren.....	814,912	Mar. 13	1806	378	121	452
Mantles. Making.....	O. Wiederhold.....	811,017	Jan. 30	4909	1024	120	1227
Manure and fertilizer distributor.....	A. M. Walter.....	833,268	Oct. 16	2524	527	124	1915
Manure-carrier.....	A. Royden.....	837,509	Dec. 4	451	103	125	1468
Manure-distributor.....	S. H. Garst.....	817,704	Apr. 10	2257	485-6	121	1907
Manure from peat. Producing.....	C. H. J. Van Haften.....	821,555	May 22	5149	1098	122	1321
Manure. Preparing.....	J. Hammerschlag.....	838,108	Dec. 11	1665		125	1814
Manure-spreader.....	F. W. Hovey.....	810,413	Jan. 23	3704	763	120	927
Manure-spreader.....	J. M. Beringer.....	810,459	Jan. 23	3804	782	120	950
Manure-spreader.....	L. A. Keene.....	819,659	May 1	1221	267	122	274
Manure-spreader.....	C. F. Lee.....	820,653	May 15	3279	704	122	849
Manure-spreader.....	L. H. Kellam.....	820,791	May 15	3560	761-2	122	912
Manure-spreader.....	T. Brown.....	821,779	May 29	5614	1196	122	1482
Manure-spreader.....	H. E. Essig.....	824,921	July 3	490	96-7	123	131
Manure-spreader feed mechanism.....	C. W. West.....	810,449	Jan. 23	3776	778	120	943
Manure-spreaders. Drive-gearing for.....	G. E. Crowell.....	823,846	June 19	3238	685	122	2541
Manuscript-holder.....	W. B. Slife.....	837,001	Nov. 27	4223	899	125	1174
Map-case.....	J. Dawson and C. O. Rosen.....	809,175	Jan. 2	1085	226	120	239
Marble and stone. Manufacture of artificial.....	T. M. Thom.....	825,088	July 3	707		123	213
Marble. Manufacture of plates or slabs imitating.....	O. Devillers.....	817,963	Apr. 17	2829		121	2092
Marble on finished objects. Producing imitation.....	H. Bösen.....	835,213	Nov. 6	677	139	125	172
Marble-shooter.....	V. Keller.....	819,891	May 8	1709	367	122	447
Marble, stone, &c., cutting or dressing tool.....	J. S. Costa.....	823,584	June 19	2746	582	122	2432
Marine boiler.....	G. Marshall.....	809,518	Jan. 9	1842	381	120	439
Marine boiler.....	B. Heftré.....	819,994	May 8	1958	433-4	122	497
Marine boiler.....	G. Marshall.....	829,722	Aug. 28	4109	883	123	2815
Marine engine.....	H. A. Duc, Jr.....	833,591	Oct. 16	3198	680	124	2079
Marine lock.....	J. Diamant.....	816,970	Apr. 3	850	175	121	1546
Marine navigation.....	S. A. Reeve.....	811,743	Feb. 6	385	84	120	1571
Marker. Land.....	E. L. Brillhart.....	821,082	May 22	4226	898	122	1119
Marker. Land.....	J. C. Liston.....	821,173	May 22	4401	937	122	1158
Marker. Land.....	W. Hipkins.....	829,401	Aug. 28	3466	729	123	2643
Marking and canceling machine. Automatic.....	E. R. Malmberg.....	822,898	June 5	1319	271-4	122	2014
Marking apparatus.....	W. J. Dix.....	810,629	Jan. 23	4141	856	120	1025
Marking apparatus. Clothes.....	J. D. Caldwell.....	838,683	Dec. 18	2805	602-3	125	2136
Marking device.....	A. J. and N. Hodge.....	828,478	Aug. 14	1589	336	123	2092
Marking device.....	W. B. Ayer.....	833,820	Oct. 23	3671	783	124	2238
Marking device.....	R. L. Herman.....	833,964	Oct. 23	4090	872	124	2336
Marking device. Skirt.....	M. Hall.....	826,846	July 24	4394	915	123	1163
Marking-gage.....	W. F. Small.....	826,618	July 24	3976	823	123	1058
Marking-gage.....	C. W. Robison.....	831,242	Sept. 18	2702	568	124	733
Marking-machine.....	G. W. Coffman.....	810,468	Jan. 23	3820	785	120	955
Marking-machine.....	F. H. Richards.....	810,979	Jan. 30	4838	1067-8	120	1211
Marking monument. Land.....	J. H. Downs.....	813,872	Feb. 27	4700	1040	120	2656
Marking-peg and center-punch. Combined.....	W. Houghton.....	824,867	July 3	376	71	123	103
Martingale and connection.....	F. E. Vickery.....	809,868	Jan. 9	2508	521	120	585
Mask. Catcher's.....	J. Gamble.....	814,127	Mar. 6	254	48	121	56
Mask. Face.....	H. E. Southworth.....	814,741	Mar. 13	1503	317-18	121	389
Masonry structures. Constructing.....	H. Daydè and A. Pillé.....	838,389	Dec. 11	2233	483-4	125	1951
Mass-mixing machine.....	E. L. Richards.....	819,800	May 8	1533	325-6	122	406
Massage and manicure machine.....	O. C. De Selms.....	838,959	Dec. 18	3292	712	125	2252
Massage and stimulating implement.....	H. J. Roth.....	839,649	Dec. 25	4720	1009	125	2648
Massage and vibrator machine. Electric.....	S. W. Moon.....	821,180	May 22	4403	937	122	1158
Massage apparatus.....	G. B. Fraley.....	818,618	Apr. 24	4150	892	121	2428
Massage apparatus. Self electric.....	S. R. E. Schmidt.....	835,082	Nov. 6	425	85	125	112
Massage appliance.....	E. S. Saighman.....	816,748	Apr. 3	381	88	121	1444
Massage-appliator.....	E. S. Saighman.....	810,885	Jan. 23	4622	963-4	120	1129
Massage. Applicator for mechanical.....	C. H. Richmond.....	819,459	May 1	848	182	122	190
Massage device.....	B. S. Dean.....	831,711	Sept. 25	3672	768	124	1024
Massage implement.....	J. Barker.....	819,498	May 1	923	203	122	206
Massage instrument.....	W. G. Shelton.....	816,506	Mar. 27	5137	1088-9	121	1272
Massage instrument.....	L. A. Weston.....	827,133	July 31	4986	1041	123	1321
Massage instrument.....	W. G. Shelton.....	829,742	Aug. 28	4207	891	123	2824
Massage-machine.....	G. F. Trotter.....	837,979	Dec. 11	1392	304	125	1742
Massage-machine.....	C. G. Fenstermacher.....	838,096	Dec. 11	1645	354	125	1809

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Massage-pump.....	H. P. Engeln.....	837,207	Nov. 27	4623	983	125	1273
Massage treatment. Vibrator for.....	W. Olson.....	816,365	Mar. 27	4854	1029	121	1212
Massaging-machine. Hand-gear vibratory.....	J. V. Daniels.....	816,564	Apr. 3	20	6	121	1358
Masse-cuite or syrup. Purifying.....	M. Weinrich.....	822,171	May 29	6364	1352	122	1651
Mastic. Producing.....	H. Paschke.....	832,697	Oct. 9	1369		124	1582
Masticator.....	H. Laurent.....	816,104	Mar. 27	4310	912	121	1096
Masts. Constructing.....	A. E. Brown.....	837,912	Dec. 11	1255	275-7	125	1708
Mat:							
<i>See</i> Door-mat. Pedal-mat.							
Leather mat. Putting-mat.							
Oil-press mat.							
Mat.....	P. S. Burns.....	835,274	Nov. 6	800	167	125	202
Mat.....	C. F. Doebler.....	839,059	Dec. 18	3480	752	125	2301
Mat-cutting board.....	C. E. Howard.....	823,685	June 19	2939	621	122	2476
Match.....	A. Swoboda.....	810,363	Jan. 16	3561		120	862
Match.....	L. B. Weissbrod.....	834,094	Oct. 23	4401	936	124	2414
Match.....	W. B. Goodwin.....	837,464	Dec. 4	377	86	125	1450
Match and cigarette box. Combined.....	L. De Goll.....	820,860	May 15	3717	792	122	947
Match-box.....	R. E. King.....	812,047	Feb. 6	1037	226	120	1700
Match-box.....	W. Alpert.....	812,714	Feb. 13	2390	525	120	2050
Match-box.....	H. E. Lindner and H. J. Kallinich.....	813,503	Feb. 27	3971	871	120	2498
Match-box.....	R. L. Heafer.....	818,246	Apr. 17	3402	728	121	2213
Match-box.....	B. M. Whiteker.....	818,324	Apr. 17	3545	759-60	121	2244
Match-box.....	J. W. Saunders.....	819,603	May 1	1105	244	122	248
Match-box.....	F. B. Watson.....	819,964	May 8	1893	419	122	482
Match-box.....	D. J. Pollock.....	823,359	June 12	2284	479	122	2275
Match-box.....	A. F. Thompson.....	825,987	July 17	2655	552	123	711
Match-box.....	M. O. Anthony.....	826,464	July 17	3572	744	123	935
Match-box.....	F. Ratcliff.....	826,803	July 24	4307	895	123	1142
Match-box.....	O. C. Sobolewski.....	827,890	Aug. 7	386	82	123	1766
Match-box.....	G. A. Demo.....	828,094	Aug. 7	816	169	123	1873
Match-box.....	W. A. Pinckney.....	829,351	Aug. 21	3369	710	123	2575
Match-box.....	G. Ohl.....	829,598	Aug. 28	3910	828	123	2755
Match-box.....	M. Meis.....	829,928	Aug. 28	4612	970	123	2928
Match-box.....	G. Borst.....	830,406	Sept. 4	1027	214	124	254
Match-box.....	W. S. Baker.....	831,319	Sept. 18	2862	607	124	774
Match-box.....	W. P. Locke.....	832,399	Oct. 2	768	149	124	1397
Match-box.....	W. T. Ives.....	836,927	Nov. 27	4080	871	125	1139
Match-box.....	E. P. Harrison.....	837,928	Dec. 11	1286	282	125	1716
Match-box.....	C. Hering and A. Fuller.....	839,760	Dec. 25	4942	1055	125	2704
Match-box and cigar-cutter. Combined.....	W. H. J. Downey.....	826,232	July 17	3135	651	123	825
Match-box and cigar-cutter. Self-feeding.....	J. W. Crites and J. J. Wine.....	823,036	June 12	1612	334	122	2129
Match box and lighter.....	E. Walder.....	824,221	June 26	3942	844-5	122	2751
Match-box and oil-can. Combined.....	E. J. Beever.....	825,372	July 10	1366	288	123	373
Match-box. Automatic.....	H. G. Taylor.....	819,617	May 1	1132	250	122	255
Match-box holder.....	J. Berryman.....	809,665	Jan. 9	2140	444	120	501
Match-box-making machine.....	J. W. Denmead.....	822,251	June 5	45	9-10	122	1739
Match-box. Safety.....	J. Karpen.....	809,506	Jan. 9	1823	376	120	435
Match-box. Safety.....	R. L. Storm.....	814,745	Mar. 13	1508	319	121	390
Match-box. Self-striking.....	M. Larsen.....	815,596	Mar. 20	3233	679	121	812
Match-box. Single-delivery.....	C. Hunnicutt.....	816,799	Apr. 3	482	107	121	1463
Match-box. Single-delivery.....	H. J. Beauchamp.....	819,501	May 1	929	203	122	208
Match-boxes. Automatic igniter for.....	J. S. Urban.....	811,458	Jan. 30	5744	1203	120	1404
Match-card.....	M. Larsen.....	837,233	Nov. 27	4675	992	125	1286
Match-case.....	E. Van Deusen.....	831,021	Sept. 11	2234	472	124	590
Match-holder.....	M. Jaeger.....	839,766	Dec. 25	4952	1057	125	2707
Match-lighter.....	A. B. Troupe.....	813,751	Feb. 27	4444	981	120	2600
Match-machine.....	W. H. Wyman.....	816,634	Apr. 3	182	39-44	121	1402
Match-machine.....	W. F. Hutchinson.....	834,620	Oct. 30	5465	1160-1	124	2730
Match-machine.....	M. Paridon.....	837,583	Dec. 4	603	140-1	125	1504
Match-making machine.....	E. J. Prindle.....	808,945	Jan. 2	638	139-40	120	140
Match-making machine.....	W. R. Hope and G. A. Robinson.....	814,210	Mar. 6	402	81-4	121	87
Match-making machine.....	C. D. Shradly and W. D. Stivers.....	827,471	July 31	5748	1190-6	123	1511
Match-making machine.....	W. E. Williams.....	830,031	Sept. 4	237	45-7	124	58
Match-making machine.....	C. M. Lewis.....	837,694	Dec. 4	833	188-90	125	1561
Match-making machine. Automatic.....	G. P. Loomis.....	808,767	Jan. 2	283	62-3	120	64
Match-making machinery.....	B. G. Vaughan.....	816,623	Apr. 3	164	33-4	121	1397
Match-receptacle.....	G. A. Lusk.....	824,995	July 3	637	128	123	167
Match-receptacle and gas-key. Combination.....	M. Joyce.....	839,597	Dec. 25	4594	980	125	2619
Match receptacle and igniter. Combined.....	W. Chater.....	820,953	May 22	3934	838	122	1056
Match-safe.....	G. F. Garrity.....	823,854	June 19	3254	688	122	2545
Match-safe.....	B. S. Martin.....	827,248	July 31	5237	1087	123	1388
Match-safe.....	J. Roemisch.....	827,467	July 31	5738	1188	123	1508
Match-safe.....	A. A. C. Spieske.....	829,882	Oct. 9	1751	361	124	1674
Match-safe.....	T. A. Hazleton.....	833,925	Oct. 23	3920	831	124	2302
Match-safe.....	C. Pickard.....	836,139	Nov. 20	2456	516	125	708
Match-safe. Pocket.....	G. F. Dunn.....	830,772	Sept. 11	1797	371	124	483
Match-safe. Self-igniting.....	J. W. Hart.....	813,967	Feb. 27	4876	1078	120	2691
Match-safe. Single-delivery.....	A. A. Schoen.....	825,078	July 3	778	162	123	208
Match-scratcher.....	G. A. Smith.....	817,995	Apr. 17	2889	624	121	2106
Match-scratcher.....	N. T. Benford.....	834,557	Oct. 30	5319	1129	124	2693
Match-scratcher and advertising attachment.....	J. R. Brown.....	820,384	May 15	2754	599	122	737
Match. Therapeutic.....	A. P. Hafner.....	827,066	July 24	4828	1005	123	1268
Butcher-head.....	J. F. Lomprey and I. J. Budlong.....	829,795	Aug. 28	4331	915	123	2857
Matching-machine. Gang.....	G. E. Priest.....	816,039	Mar. 27	4172	884	121	1067
Material and cinder-pit elevator.....	W. Robertson.....	822,153	May 29	6327	1346	122	1644
Matrices. Making.....	E. Albert.....	815,001	Mar. 13	1990	418	121	488
Matrices. Producing folding.....	G. H. Vining.....	813,261	Feb. 20	3466	765	120	2329
Matrix and punch cutting machine.....	L. B. Benton.....	809,548	Jan. 9	1893	393-4	120	450
Matrix-making machine.....	L. E. Levy.....	827,872	Aug. 7	355	76	123	1758
Matrix-plate. Metallic.....	G. Fischer.....	837,394	Dec. 4	233	59	125	1414
Matrix-trimming and similar machine.....	L. B. Benton.....	819,842	May 8	1614	343-4	122	425
Matrix-truing apparatus.....	H. C. Hansen. (Reissue).....	12,545	Oct. 23	4705	996	124	2492
Matte. Converting.....	C. M. Allen.....	808,618	Jan. 2	1	1	120	3
Matte-producing furnace.....	R. Baggeley.....	830,039	Sept. 4	255	51	124	63
Matte. Treating.....	W. M. Johnson.....	814,049	Mar. 6	100		121	23

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Pr. g.	Vol.	Page.
Matte. Treating.....	J. Savelsberg.....	825,983	July 17	2648	.....	123	708
Matte. Treating molten.....	W. E. Koch.....	808,849	Jan. 2	436	96	120	97
Mattes and speisses and other metallic compounds. Apparatus for converting.....	H. Haas.....	832,665	Oct. 9	1304	262-3	124	1567
Matted or felted material. Machine for finishing the surfaces of.....	G. Goldman.....	838,616	Dec. 18	2670	573	125	2102
Mattocks and similar tools. Die for making.....	G. F. Konold.....	826,789	July 24	4281	890	123	1136
Mattress.....	W. Robertson.....	811,094	Jan. 30	5031	1051	120	1253
Mattress.....	F. Martin.....	815,610	Mar. 20	3259	684	121	818
Mattress.....	F. Maussner.....	819,903	May 8	1728	371	122	450
Mattress.....	T. H. Johnson.....	831,441	Sept. 18	3088	654	124	831
Mattress.....	J. M. Kinyon.....	836,326	Nov. 20	2836	01	125	802
Mattress-aerating device.....	J. Murmans.....	813,731	Feb. 27	4406	971	120	2592
Mattress corner-fastening. Spring.....	G. E. Bigelow.....	839,097	Dec. 25	3603	778	125	2376
Mattress, cushion, &c.....	I. Karpen.....	833,464	Oct. 16	2946	626	124	2019
Mattress, cushion, &c. Pneumatic.....	R. A. Whall.....	818,321	Apr. 17	3542	759	121	2243
Mattress-making machine.....	C. W. White.....	813,470	Feb. 27	3904	856-7	120	2481
Mattress or couch fabric.....	J. Hoey.....	811,222	Jan. 30	5314	1111	120	1314
Mattress or cushion covering.....	C. A. Fisher.....	820,634	May 15	3244	698	122	843
Mattress. Sectional.....	H. C. Kee.....	814,654	Mar. 6	1304	274	121	282
Mattress. Spring.....	J. Kuss.....	826,861	July 24	4424	921	123	1169
Mattress. Spring.....	K. Henry.....	830,320	Sept. 4	846	174	124	211
Mattress. Spring.....	F. J. Maier.....	835,246	Nov. 6	749	157	125	189
Mattress stretcher. Wire.....	J. B. Wilson.....	818,502	Apr. 24	3882	835	121	2370
Mattress-support.....	J. S. Johnston.....	839,481	Dec. 25	4367	934	125	2563
Mattress support. Spring.....	J. M. Blocher.....	827,345	July 31	5427	1128	123	1434
Mattress-tufting machine.....	R. R. Thompson.....	819,952	May 8	1825	394-9	122	471
Mattress-tufting machine.....	R. R. Thompson and C. F. Pinkham.....	819,955	May 8	1860	408-13	122	477
Mattress-tufting machines. Knotter for.....	R. R. Thompson.....	819,953	May 8	1837	399-403	122	474
Mattress. Wire.....	W. Bills.....	810,519	Jan. 23	3926	808	120	979
Mattress. Wire.....	A. J. Reed.....	826,115	July 17	2922	606	123	776
Mattress. Wire.....	C. S. Lloyd.....	830,512	Sept. 11	1248	258	124	336
Mattresses. Support for woven-wire.....	A. E. Beall.....	839,093	Dec. 25	3591	777	125	2372
Mayonnaise-mixer.....	A. J. Seaman.....	834,876	Oct. 30	5980	1271	124	2859
Measure.....	T. L. Turpin.....	820,448	May 15	2886	627	122	763
Measure and weighing device. Combined.....	P. A. Dietz.....	830,308	Sept. 4	828	170	124	207
Measure. Foot.....	C. Shiverick.....	812,303	Feb. 13	1607	353	120	1892
Measure. Liquid.....	F. W. Havlicek.....	839,583	Dec. 25	4569	974	125	2612
Measure. Tailor's.....	F. Nordstrom.....	809,836	Jan. 9	2451	509	120	571
Measure. Tailor's.....	I. Geraci.....	813,415	Feb. 27	3793	832	120	2456
Measure. Tailor's.....	E. Z. Lesh and H. A. Woolman.....	825,915	July 17	2518	524	123	671
Measure. Tape.....	J. McLean.....	812,150	Feb. 6	1247	271	120	1744
Measurement-indicator.....	G. L. Hansen.....	820,303	May 8	2604	567	122	643
Measurer and pattern. Skirt.....	J. C. Tight.....	822,874	June 5	1274	263	122	2005
Measurer and recorder. Liquid-flow.....	J. E. Lea.....	815,102	Mar. 13	2202	464	121	534
Measurer. Dry.....	F. Kiefer.....	829,018	Aug. 21	2655	559-60	123	2391
Measurer. Dry.....	A. J. and C. K. Johnston.....	830,666	Sept. 11	1576	325	124	423
Measuring and computing machine. Rope.....	E. F. Hug.....	819,758	May 8	1440	307	122	382
Measuring and cutting off lengths of fabric. Machine for.....	J. B. O'Bryan, Jr., and O. H. Rudolph.....	812,672	Feb. 13	2316	504	120	2035
Measuring and delivering liquids. Apparatus for.....	G. L. Spencer.....	818,481	Apr. 24	3836	825	121	2360
Measuring and marking fabrics and other flexible materials. Mechanism for.....	A. J. Ickringill.....	825,128	July 3	871	183-4	123	231
Measuring and marking machine. Cloth.....	J. F. Boggs.....	813,767	Feb. 27	4471	987	120	2606
Measuring and marking the distance from the ground of skirts, &c. Apparatus for.....	S. D. Cheyne.....	809,669	Jan. 9	2156	446	120	505
Measuring and mixing device.....	E. N. Trump and J. B. Ladd.....	830,543	Sept. 11	1314	271	124	354
Measuring and registering device.....	J. H. Burland.....	837,034	Nov. 27	4298	913	125	1193
Measuring and registering device. Combined.....	J. Barry and M. L. Shaughnessy.....	818,405	Apr. 24	3710	796	121	2334
Measuring and trying device.....	H. R. Procter.....	836,891	Nov. 27	3077	849	125	1119
Measuring apparatus. Grain.....	W. Whiteford.....	822,566	June 5	667	136	122	1875
Measuring apparatus. Molten-metal.....	S. G. Goss.....	835,520	Nov. 13	1282	275	125	368
Measuring apparatus. Tailor's.....	L. D'Elia.....	826,651	July 24	4026	834	123	1070
Measuring appliance and compressor for liquids.....	E. O. Linton. (Reissue).....	12,439	Jan. 23	4656	970	120	1136
Measuring appliance. Liquid.....	J. H. Optenberg.....	836,941	Nov. 27	4102	876	125	1146
Measuring-can. Portable.....	J. L. Chase.....	813,402	Feb. 27	3769	827	120	2451
Measuring, counting, and cutting off fabric. Machine for.....	W. C. Perry.....	815,861	Mar. 20	3822	809-10	121	937
Measuring device.....	H. Raab and J. M. Wolfson.....	810,082	Jan. 16	2967	619	120	737
Measuring device.....	J. W. Page.....	810,799	Jan. 23	4455	924	120	1094
Measuring device.....	G. Mothes.....	819,243	May 1	420	88	122	98
Measuring device.....	J. T. Crenshaw.....	830,211	Sept. 4	636	128	124	162
Measuring device. Fabric.....	T. A. Teate.....	819,096	May 1	126	27	122	33
Measuring device. Foot.....	F. L. Kerr.....	838,720	Dec. 18	2863	616	125	2150
Measuring device for concrete-mixers.....	J. Muir.....	817,436	Apr. 10	1771	371	121	1806
Measuring device. Grain.....	F. A. Brinkmann.....	822,917	June 12	1373	285	122	2075
Measuring device. Liquid.....	F. S. Turner, S. Pease, and W. B. Martin.....	809,273	Jan. 2	1327	270	120	292
Measuring device. Liquid.....	D. Corcoran.....	823,932	June 19	3398	726	122	2576
Measuring device. Liquid.....	J. Albrecht.....	834,862	Oct. 30	5952	1264-5	124	2852
Measuring device. Liquid.....	A. Youdelman.....	838,368	Dec. 11	2189	475	125	1940
Measuring device. Rope.....	D. H. Littleton, J. W. Hudson, and L. W. Folis.....	839,490	Dec. 25	4385	937	125	2567
Measuring device. Tailor's.....	A. M. Roland.....	830,850	Sept. 11	1936	406	124	519
Measuring device. Tailor's.....	L. Lein.....	839,302	Dec. 25	4009	861	125	2476
Measuring-drum.....	G. A. Bronder.....	817,834	Apr. 17	2553	548	121	2029
Measuring electric resistances. Apparatus for.....	S. Evershed.....	810,830	Jan. 16	3488	720-1	120	844
Measuring electric resistances. Apparatus for.....	S. Evershed.....	812,196	Feb. 13	1382	300-1	120	1841
Measuring fabrics.....	F. C. Stephan.....	821,839	May 29	5735	1221	122	1509
Measuring gage. Trousers.....	W. Leigh.....	824,252	June 26	4010	858	122	2765
Measuring implement.....	H. S. Milks.....	825,606	July 10	1896	400	123	504
Measuring instrument.....	V. Osborne.....	812,674	Feb. 13	2319	505	120	2036
Measuring instrument.....	E. W. Campagna.....	815,509	Mar. 20	3070	640	121	776
Measuring instrument.....	F. L. Traut.....	817,205	Apr. 10	1308	273	121	1709
Measuring instrument.....	V. J. O'Connor.....	818,906	Apr. 24	4714	1011	121	2550

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Measuring instrument.	B. F. Sassaman.	823,444	June 12	2435	513-14	122	2305
Measuring instrument.	E. N. Hull and S. E. Hodge.	825,217	July 3	1056	223	123	276
Measuring instrument. Alternating-current electrical.	E. E. Lehr.	824,696	June 26	4897	1041	122	2953
Measuring instrument. Angle.	A. König.	811,777	Feb. 6	451	98	120	1584
Measuring instrument. Angle.	F. E. Hutchins.	814,292	Mar. 6	564	119-20	121	121
Measuring instrument. Electric.	W. H. Pratt.	835,322	Nov. 6	898	190-1	125	227
Measuring instrument. Electric.	O. Holz.	838,410	Dec. 11	2270	491	125	1960
Measuring instrument. Electrical.	T. W. Varley.	810,235	Jan. 16	3287	680-1	120	801
Measuring instrument. Electrical.	E. E. Lehr.	811,645	Feb. 6	219	47	120	1533
Measuring instrument. Electrical.	M. C. Rypinski.	811,956	Feb. 6	850	187	120	1662
Measuring instrument. Electrical.	J. C. Gano.	817,843	Apr. 17	2573	553-4	121	2034
Measuring instrument. Electrical.	J. M. Lea.	817,857	Apr. 17	2600	561-2	121	2039
Measuring instrument. Electrical.	J. Patrick.	817,869	Apr. 17	2629	569-70	121	2045
Measuring instrument. Electrical.	F. A. La Roche and M. C. Rypinski.	819,071	May 1	72	17	122	20
Measuring instrument. Electrical.	T. Abtmeyer.	819,706	May 8	1329	288	122	359
Measuring instrument. Electrical.	W. E. Laird.	820,978	May 22	4012	852	122	1073
Measuring instrument. Electrical.	A. H. Hoyt.	821,292	May 22	4618	985	122	1205
Measuring instrument. Electrical.	F. W. Roller.	822,987	June 12	1501	312	122	2105
Measuring instrument. Electrical.	C. Hering.	831,609	Sept. 25	3434	722	124	956
Measuring instrument. Electrical.	E. F. Northrup.	835,461	Nov. 6	1171	253	125	294
Measuring instrument. Electrical.	F. Holden.	835,755	Nov. 13	1724	366	125	477
Measuring instruments. Bearing for.	W. M. Bradshaw.	822,425	June 5	376	78	122	1807
Measuring instruments. Bearing for electrical.	W. E. McCoy.	824,194	June 26	3887	830	122	2739
Measuring instruments. Spring-support for.	J. T. Dempster.	839,368	Dec. 25	4133	887	125	2507
Measuring leather, &c. Instrument for.	J. Robertson and J. S. Delaney.	833,941	Oct. 23	5947	838	124	2310
Measuring-machine.	S. O. Myers.	822,683	June 5	906	185-6	122	1929
Measuring-machine.	C. A. D. Burk.	835,933	Nov. 13	2051	438	125	555
Measuring-machine. Automatic.	J. Froelich.	836,185	Nov. 20	2545	534-5	125	728
Measuring-machine. Fabric-	J. A. Cox.	835,601	Nov. 13	1445	310	125	409
Measuring-stand.	S. Feld.	832,049	Oct. 2	44	11	124	1223
Measuring-tape.	F. L. Saxton.	809,139	Jan. 2	1026	212	120	225
Measuring the heights of persons. Coin-controlled apparatus for.	W. B. Bartram.	828,593	Aug. 14	1815	382	123	2150
Measuring the height of persons. Machine for.	S. P. Cottrell.	833,124	Oct. 9	2202	464	124	1785
Measuring vessel.	C. Schock.	818,643	Apr. 24	4199	903	121	2440
Measuring vessel. Computing.	W. S. Cain.	809,091	Jan. 2	945	196	120	208
Measuring vessel. Liquid-	R. C. Ricketts.	839,035	Dec. 18	3435	742	125	2289
Measuring watts in electrical circuits. Apparatus for.	E. Wilson.	810,179	Jan. 16	3156	653-5	120	774
Meat-baster.	J. O'Connor.	829,993	Sept. 4	159	27	124	39
Meat-chopper.	H. C. Sander.	820,990	May 22	4039	858-9	122	1079
Meat-cutter.	A. W. Johnson.	810,767	Jan. 23	4383	910-11	120	1080
Meat cutting or slicing machine attachment.	F. W. Margetts.	824,496	June 26	4497	953	122	2868
Meat-holding clamp.	J. Trembley.	822,166	May 29	6356	1351	122	1650
Meat-hook.	G. E. Thompson, I. C. and R. Benedict.	829,239	Aug. 21	3128	658	123	2514
Meat-hook.	D. L. Walls.	838,826	Dec. 18	3067	661	125	2200
Meat-hook. Pendent or trolley-carrier.	G. W. Martin.	812,861	Feb. 20	2681	591	120	2159
Meat. Preserving.	P. H. O'Keefe.	822,548	June 5	619	122	1863	
Meat products. Apparatus for smoking and curing.	W. Eppinger.	812,922	Feb. 20	2793	615	120	2184
Meat-rack.	L. I. Berkowitz.	820,618	May 15	3221	693	122	838
Meat-roaster.	D. G. Walker.	814,752	Mar. 13	1519	322	121	392
Meat-roasting device.	C. Mannheim.	833,970	Oct. 23	4108	874	124	2342
Meat roller or wringer.	B. L. Packard.	817,510	Apr. 10	1922	405	121	1838
Meat-sacking machine.	C. T. Kelly.	822,956	June 12	1443	300	122	2089
Meat-tenderer.	J. H. Tolen and D. B. Hostetter.	824,319	June 26	4125	882	122	2790
Meat-tenderer and vegetable-chopper.	F. Beuckman.	816,955	Apr. 3	824	169	121	1540
Mechanical implement.	C. F. P. Warner.	824,394	June 26	4278	912	122	2820
Mechanical lubricator.	M. Briet.	815,508	Mar. 20	3069	640	121	776
Mechanical lubricator.	G. R. Welch.	824,458	June 26	4421	939	122	2850
Mechanical lubricator.	W. Q. Pfahler.	829,171	Aug. 21	3008	628	123	2185
Mechanical motor.	M. G. and W. H. Plane.	831,890	Sept. 25	4039	841	124	1114
Mechanical motor and brake.	C. Dackiewicz.	816,437	Mar. 27	4999	1062	121	1242
Mechanical movement.	A. W. Bartlett.	818,406	Apr. 24	3712	796	121	2335
Mechanical movement.	A. W. Hutchins.	808,928	Jan. 2	604	132	120	133
Mechanical movement.	R. T. Wingo.	809,160	Jan. 2	1060	220	120	232
Mechanical movement.	G. W. Johnston.	809,693	Jan. 9	2195	455	120	515
Mechanical movement.	H. J. Paarmann.	811,868	Feb. 6	634	139	120	1620
Mechanical movement.	C. Williams.	813,126	Feb. 20	3221	706-7	120	2279
Mechanical movement.	R. T. Wingo.	813,129	Feb. 20	3229	709	120	2281
Mechanical movement.	L. R. Tulloch.	813,601	Feb. 27	4160	913	120	2539
Mechanical movement.	D. Ashworth.	814,010	Mar. 6	5	1-2	121	3
Mechanical movement.	H. Brammer.	814,185	Mar. 6	355	72	121	77
Mechanical movement.	S. H. Garst.	814,686	Mar. 13	1400	292	121	366
Mechanical movement.	A. Plagman.	815,309	Mar. 13	2630	551	121	632
Mechanical movement.	F. H. Richards.	815,979	Mar. 27	4037	855	121	1035
Mechanical movement.	O. L. Field.	816,546	Mar. 27	5222	1108	121	1294
Mechanical movement.	H. Brammer.	819,333	May 1	611	129	122	140
Mechanical movement.	H. D. Williams.	819,683	May 1	1270	277	122	285
Mechanical movement.	C. G. Glasrud.	822,941	June 12	1411	295	122	2682
Mechanical movement.	E. G. Johanson.	823,046	June 12	1632	337-8	122	2133
Mechanical movement.	F. N. Livingston.	823,341	June 12	2253	470	122	2268
Mechanical movement.	W. H. Voss.	823,651	June 19	2881	610	122	2464
Mechanical movement.	C. Andersen and R. Bertram.	824,969	July 3	591	118-19	123	157
Mechanical movement.	J. H. and J. B. Taylor.	825,087	July 3	795	165	123	213
Mechanical movement.	J. and C. Quist.	825,482	July 10	1622	338	123	440
Mechanical movement.	W. F. Murphy.	825,858	July 10	2414	503	123	635
Mechanical movement.	T. F. Timby.	826,290	July 17	3239	670	123	852
Mechanical movement.	C. D. Davis.	829,852	Aug. 28	4432	936	123	2881
Mechanical movement.	J. H. McElroy.	830,162	Sept. 4	523	106-7	124	132
Mechanical movement.	A. F. Victor.	830,752	Sept. 11	1766	364	124	475
Mechanical movement.	D. Ashworth.	831,922	Sept. 25	4097	854	124	1129
Mechanical movement.	A. Weymar.	833,272	Oct. 16	2530	528	124	1917
Mechanical movement.	W. D. Whitney.	835,086	Nov. 6	428	86	125	113
Mechanical movement.	J. H. and J. B. Taylor.	835,169	Nov. 6	589	120	125	149

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Mechanical movement.	J. A. Frenier.	835,512	Nov. 13	1269	272	125	365
Mechanical movement.	N. Howard.	836,579	Nov. 20	3323	708	125	917
Mechanical movement.	G. Milner.	837,863	Dec. 4	1162	256-7	125	1643
Mechanical movement.	J. Hofmann.	839,146	Dec. 25	3701	799	125	2403
Mechanic's furnace.	C. Bargamin.	826,083	July 17	2861	593	123	762
Medical appliance.	F. S. Russell.	816,746	Apr. 3	379	88	121	1443
Medical appliance.	J. P. Whedon.	817,288	Apr. 10	1475	309	121	1742
Medical applicator.	H. H. Groth.	814,038	Mar. 6	79	15	121	19
Medical compound.	J. M. Mendez.	829,986	Sept. 4	146		124	36
Medical device.	F. Hofmann.	827,099	July 31	4920	1026	123	1305
Medical instrument.	K. A. Bode.	820,950	May 22	3930	837	122	1055
Medical irrigator.	J. A. Noble.	826,685	July 24	4087	848	123	1087
Medicated pencil.	C. S. Maschal.	819,901	May 8	1725	370	122	430
Medicated tampon.	E. M. Pond.	812,768	Feb. 13	2495	549	120	2072
Medicated tampon.	E. M. Pond.	812,769	Feb. 13	2496	549	120	2072
Medicated tampon.	E. M. Pond.	812,770	Feb. 13	2498	549	120	2072
Medicine-case.	J. L. Holcomb.	837,224	Nov. 27	4652	988	125	1281
Medicine-distributor.	C. L. Wells.	821,389	May 22	4841	1028	122	1256
Medicine-glass.	C. W. Hoffa.	809,952	Jan. 16	2688	555	120	676
Medicines. Making.	R. Gross.	816,547	Mar. 27	5224		121	1294
Melting and heating apparatus. Portable.	H. B. Nichols.	810,073	Jan. 16	2955	616	120	734
Melting apparatus.	G. Cruise.	830,305	Sept. 4	823	168-9	124	206
Melting device. Centrifugal.	T. J. Zoeller.	816,055	Mar. 27	4203	892	121	1073
Memoranda-storing device.	F. A. McGinnis.	839,180	Dec. 25	3769	813	125	2419
Methyl compound.	R. Berendes.	836,914	Nov. 27	4048		125	1133
Mercerizing.	W. Mather, J. Hübner, and W. J. Pope.	824,255	June 26	4014	859	122	2766
Mercerizing apparatus.	W. Mather, J. Hübner, and W. J. Pope.	821,812	May 29	5686	1211-12	122	1499
Merchandise-hook.	J. A. A. Rouleau.	812,235	Feb. 13	1460	320	120	1858
Mercury-column.	J. MacMahon and F. Wesler.	824,304	June 26	4093	875	122	2783
Meridian-transfer apparatus.	G. C. McFarlane.	812,587	Feb. 13	2163	473-4	120	2007
Merry-go-round.	C. F. Weidner. (Reissue).	12,435	Jan. 9	2628	543	120	611
Merry-go-round.	T. Long.	813,159	Feb. 20	3278	720	120	2290
Merry-go-round.	C. M. Stevenson.	816,689	Apr. 3	288	67	121	1424
Merry-go-round.	G. B. McKinney.	819,580	May 1	1065	234	122	240
Merry-go-round.	J. B. Barnett.	820,339	May 8	2660	580	122	656
Merry-go-round.	J. L. Ariztia.	820,901	May 15	3822	815-16	122	969
Merry-go-round.	B. W. Davenport.	822,435	June 5	391	81	122	1810
Merry-go-round.	N. Stein.	826,383	July 17	3418	708-9	123	895
Merry-go-round.	C. F. Weidner.	826,758	July 24	4231	879	123	1124
Merry-go-round.	W. W. Tice.	828,073	Aug. 7	770	159	123	1861
Merry-go-round.	P. Cruz.	832,459	Oct. 2	887	171	124	1425
Merry-go-round.	W. B. Hambright and A. E. Powell.	832,902	Oct. 9	1789	369	124	1683
Merry-go-round.	W. F. Cash.	835,398	Nov. 6	1055	225-6	125	267
Merry-go-round.	C. F. Orrick.	839,631	Dec. 25	4685	1000	125	2640
Merry-go-round museum.	J. L. Tidd.	821,138	May 22	4338	922-3	122	1144
Metal. Apparatus for compressing scrap.	T. Sharp.	823,703	June 19	2966	628	122	2481
Metal. Apparatus for treating molten.	J. S. Seaman.	811,097	Jan. 30	5038	1053	120	1255
Metal-bar-bending machine.	T. Stevenson.	810,818	Jan. 23	4480	932	120	1099
Metal-bar-links and bands, &c., formed of them.	S. Frank.	829,581	Aug. 28	3868	820	123	2744
Metal bar. Structural.	C. Weber.	832,711	Oct. 9	1398	282	124	1589
Metal bars, &c. Machine for bending.	N. S. Arthur.	808,619	Jan. 2	3	1	120	3
Metal bars. Machine for shaping the ends of.	H. Geisenhöner.	811,771	Feb. 6	441	96	120	1582
Metal bars. Machine for twisting.	P. Blondell.	825,511	July 10	1706	358	123	459
Metal bars. Shaping.	E. Einfeldt.	808,736	Jan. 2	231	50	120	53
Metal bars or rods. Machine for making.	J. W. Moshier.	817,085	Apr. 3	1055	219	121	1592
Metal beams. Metal clip for uniting.	H. A. Streeter.	810,819	Jan. 23	4481	932	120	1100
Metal beams or girders. Machine for cutting up or mitering flanged.	J. Krüger.	818,453	Apr. 24	3793	815	121	2352
Metal-bearing materials. Reducing.	A. H. Helander.	831,067	Sept. 18	2366		124	655
Metal-bearing materials. Treating.	C. W. Merrill.	820,430	May 15	2852		122	755
Metal-beating machine. Leaf.	J. Heinrich and H. Dorsch.	832,790	Oct. 9	1554	320	124	1626
Metal bending and straightening apparatus.	T. Gilmer.	826,239	July 17	3144	653	123	828
Metal bending and straightening machine.	K. C. Gardner.	815,282	Mar. 13	2565	539-40	121	618
Metal-bending appliance.	C. E. Pickrell.	817,386	Apr. 10	1660	351	121	1783
Metal-bending machine.	A. W. Heinle.	817,246	Apr. 10	1390	293	121	1727
Metal-bending machine.	D. M. Baxter.	818,932	Apr. 24	4766	1024	121	2562
Metal-bending machine.	T. Wolfe.	825,788	July 10	2293	476-8	123	605
Metal-bending machine.	J. McKay, Jr., and A. A. Berghof.	827,553	July 31	5934	1230	123	1556
Metal-bending machine.	G. A. Ohl, Jr., and A. A. Berghof.	829,597	Aug. 28	3906	827-8	123	2753
Metal box.	G. Klenk.	813,976	Feb. 27	4889	1081	120	2694
Metal box.	G. Klenk.	825,133	July 3	883	186	123	233
Metal box-beam.	A. W. Sullivan and W. Renshaw.	810,001	Jan. 16	2786	575	120	697
Metal coiling and straightening apparatus.	W. F. Conklin.	823,765	June 19	3080	652	122	2505
Metal-coiling drum.	W. R. Webster.	812,709	Feb. 13	2383	523-4	120	2048
Metal-corroding apparatus.	G. D. Coleman.	814,430	Mar. 6	884	181	121	192
Metal-cutting and trimming machine.	C. T. Murray.	817,263	Apr. 10	1426	300	121	1732
Metal-cutting machine.	J. Abbott.	813,071	Feb. 20	3103	680	120	2253
Metal-cutting machine.	F. Wesel.	816,198	Mar. 27	4496	954	121	1136
Metal-cutting machine.	G. H. White.	838,675	Dec. 18	2792	598-9	125	2132
Metal. Cylinder for treating heated.	G. H. Benjamin.	811,196	Jan. 30	5266	1102	120	1303
Metal. Cylinder for treating heated.	J. F. Ellis.	811,707	Feb. 6	331	73	120	1559
Metal. Cylinder for treating heated.	G. H. Benjamin.	834,356	Oct. 30	4944	1047	124	2598
Metal-depositing apparatus.	W. A. Hendryx.	837,832	Dec. 4	1092	243	125	1625
Metal. Expanded.	L. E. Curtis.	834,873	Oct. 30	5976	1270	124	2858
Metal-expanding machine.	H. E. White.	819,484	May 1	899	196-7	122	200
Metal-expanding machine.	H. E. White.	821,685	May 29	5428	1155-6	122	1438
Metal. Extruding.	G. W. Lee.	824,875	July 3	391	75	123	107
Metal-furnace.	A. Fisher.	828,881	Aug. 21	2381	507-8	123	2323
Metal-heating apparatus.	F. J. Clinch-Jones.	818,147	Apr. 17	3192	686-7	121	2169
Metal hoop.	J. E. Wright.	827,773	Aug. 7	172	35	123	1712
Metal in the production of rods and the like directly from melted metal. Refrigerating device for the hot.	A. H. Pehrson.	831,184	Sept. 18	2593	547	124	705
Metal-leaching.	T. B. Joseph.	814,452	Mar. 6	915		121	199

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Metal. Machine for spreading slitted.	S. B. Harding.	827,441	July 31	5650	1171-2	123	1487
Metal object. Wood-veneered.	L. Coburn.	812,824	Feb. 20	2602	571	120	2142
Metal open-work fabric.	J. F. Golding.	814,689	Mar. 13	1405	292	121	367
Metal or metallic compound upon metals or metallic articles. Deposition of.	S. Cowper-Coles.	829,386	Aug. 28	3442	.....	123	2637
Metal pieces. Uniting.	C. F. Jacobs.	825,541	July 10	1765	371	123	473
Metal pipe. Cast.	R. P. Barnstead.	836,173	Nov. 20	2525	531	125	724
Metal. Planishing sheets of.	A. Ridd.	808,691	Jan. 2	125	29	120	30
Metal-plate-bending machine.	W. Wattie.	832,940	Oct. 9	1861	385-6	124	1699
Metal plates. Die for cutting out.	C. B. Agar.	817,611	Apr. 10	2106	445-6	121	1875
Metal plates. Machine for cleaning and polishing.	J. B. Baird.	837,375	Dec. 4	196	48-9	125	1405
Metal post.	J. W. Baker.	822,814	June 5	1154	237	122	1981
Metal post.	R. G. Johnston.	837,574	Dec. 4	580	135	125	1500
Metal receptacle. Fluid.	W. H. Dailey.	838,306	Dec. 11	2071	448	125	1911
Metal-recovering apparatus.	W. A. Hendryx.	834,803	Oct. 30	5834	1238	124	2822
Metal-ribbon bending and coiling machine.	F. G. Frankenberg.	828,732	Aug. 14	2089	441	123	2220
Metal-saving machine.	J. B. Albers.	820,614	May 15	3215	691-2	122	836
Metal-sawing machine.	C. A. Juengst.	822,670	June 5	878	180-1	122	1922
Metal screen.	H. W. and W. W. Watson.	836,419	Nov. 20	3022	640-1	125	845
Metal screen.	H. W. and W. W. Watson.	836,475	Nov. 20	3127	664	125	869
Metal seat. Pressed.	R. T. J. Martin.	820,227	May 8	2439	528	122	606
Metal-shaping appliance.	J. Hist.	832,671	Oct. 9	1319	265	124	1571
Metal-shaping device.	W. W. Bissell.	838,164	Dec. 11	1794	385	125	1845
Metal-shearing machine.	H. P. Richardson.	825,074	July 3	765	160	123	205
Metal sheets. Apparatus for bluing.	A. Ridd.	823,226	June 12	2039	424	122	2223
Metal sheets. Feed mechanism for.	O. J. Johnson.	810,152	Jan. 16	3106	641-2	120	764
Metal sheets or plates. Apparatus for making corrugated.	W. G. Causser.	827,419	July 31	5613	1161	123	1478
Metal shells. Tool for cutting holes in.	F. H. N. Gerwig.	831,152	Sept. 18	2532	534	124	691
Metal. Skimming slag from molten.	M. M. Suppes.	809,405	Jan. 9	1626	351	120	390
Metal storing and conveying apparatus. Liquid.	C. von Philp.	810,301	Jan. 16	3437	709-10	120	834
Metal straps. Finishing and straightening flat.	W. F. Conklin.	823,766	June 19	3084	652-3	122	2506
Metal strips edgewise. Machine for bending.	G. S. Dunn.	839,060	Dec. 18	3481	752-3	125	2301
Metal structure. Tubular.	E. Molloy.	824,501	June 26	4502	955	122	2870
Metal surfaces. Treating.	L. J. Creelius.	831,937	Sept. 25	4122	.....	124	1134
Metal-teeming apparatus.	H. S. Heichert.	817,063	Apr. 3	1022	210-11	121	1585
Metal tie and rail-fastener.	D. E. Olds.	823,629	June 19	2835	599-600	122	2452
Metal treating and amalgamating apparatus.	G. P. Tyars.	808,787	Jan. 2	334	72	120	74
Metal. Treating molten.	J. S. Seaman.	811,522	Jan. 30	5858	1228-9	120	1428
Metal treating, refining, and purifying apparatus.	W. S. Simpson.	828,142	Aug. 7	897	185	123	1892
Metal trimming and slitting machine.	W. W. Irwin.	824,694	June 26	4893	1040-1	122	2952
Metal-turning apparatus.	R. H. Stevens.	809,997	Jan. 16	2776	570-1	120	695
Metal under pressure. Apparatus for treating heated.	W. A. Wood.	819,261	May 1	447	94-5	122	105
Metal. Upsetting.	H. V. Loss.	812,856	Feb. 20	2670	585	120	2156
Metal vessels of angular cross-section. Manufacturing seamless plate.	O. Andersson.	830,193	Sept. 4	584	119	124	149
Metal-wheel-making machine.	E. Einfeldt.	810,197	Jan. 16	3199	663-4	120	782
Metal wheels. Making.	E. Einfeldt.	810,198	Jan. 16	3208	665	120	784
Metal-working device.	R. O'Hearn.	820,937	May 15	3896	830-1	122	986
Metal-working machine. Automatic electric.	A. F. Rietzel and G. E. Barstow.	821,061	May 22	4172	887-9	122	1107
Metal-working machine. Fluid-pressure.	C. von Philp.	812,228	Feb. 13	1448	316-17	120	1856
Metal-working machines. Feed-adjusting device for the cross-slides of.	B. M. W. Hanson.	814,649	Mar. 6	1296	272	121	280
Metal-working machines. Feeding mechanism for.	G. L. Brownell.	833,770	Oct. 23	3545	755	124	2208
Metal-working machines. Power-transmitting mechanism for.	J. Hartness.	832,381	Oct. 2	724	140-2	124	1387
Metal-working machines. Tool-feed mechanism for.	D. L. Chandler.	836,631	Nov. 20	3419	729-30	125	938
Metal-working tools. Adjustable support for.	B. M. W. Hanson.	813,381	Nov. 20	3714	816-17	120	2381
Metals and alloys from oxides, &c. Production of fused.	C. Vautin.	837,160	Feb. 27	4543	.....	125	1253
Metals and compounds thereof. Obtaining.	H. Mehner.	833,472	Oct. 16	2962	629	124	2023
Metals and minerals. Mold for molten.	R. H. Adams.	830,192	Sept. 4	581	118-19	124	148
Metals and ores. Process and apparatus for separating.	T. Groesbeck.	834,722	Oct. 30	5661	1200	124	2780
Metals. Apparatus for extruding.	N. A. Robertson.	814,731	Mar. 13	1477	310-11	121	383
Metals. Apparatus for extruding.	N. A. Robertson.	814,732	Mar. 13	1480	311	121	384
Metals. Apparatus for the agitation of solutions used in electrodeposition of.	W. C. Wood and B. Oaksford.	808,798	Jan. 2	351	75	120	78
Metals. Apparatus for the electrolytic extraction of.	C. F. Carrier, Jr.	830,051	Sept. 4	281	57	124	69
Metals beneath the earth's surface. Locating and extracting.	E. R. Wolcott.	822,175	May 29	6371	1353	122	1653
Metals. Brazing.	L. L. White.	827,134	July 31	4988	1041	123	1322
Metals. Electrodeposition of.	J. A. Nussbaum.	832,024	Sept. 25	4280	.....	124	1175
Metals. Electrolytic process of making bases of the alkali-earth.	A. Brochet and G. Ranson.	835,661	Nov. 13	1554	.....	125	435
Metals. Finishing.	A. K. Beckwith.	835,659	Nov. 13	1552	332	125	435
Metals from cyanid solutions. Precipitating.	W. J. Sharwood.	832,880	Oct. 9	1748	.....	124	1674
Metals from ores. Apparatus for separating.	R. K. Evans.	834,233	Oct. 23	4682	992	124	2487
Metals from ores. Apparatus for separating.	W. Snee.	839,329	Dec. 25	4064	872	125	2490
Metals from ores. Electrolytic means for extracting.	A. Lénárt, Jr.	826,435	July 17	3509	730-1	123	918
Metals from ores. Flux for extracting.	A. Gutensohn.	826,568	July 24	3856	.....	123	1026
Metals from their ores and the conversion of iron into steel. Metallurgical process for the extraction of.	G. H. Benjamin.	834,656	Oct. 30	5532	1175	124	2747
Metals from their ores. Extracting.	C. R. Arnold.	823,576	June 19	2727	577	122	2428
Metals from their ores. Separating.	G. H. Waterbury.	832,563	Oct. 2	1083	217	124	1474
Metals. Hardening and toughening.	J. Churchward.	832,772	Oct. 9	1521	.....	124	1619
Metals. Homogeneous body of highly-refractory.	W. von Bolton.	817,733	Apr. 10	2328	.....	121	1927
Metals. Making composite.	T. A. Edison.	827,717	Aug. 7	39	.....	123	1679
Metals of the earthy alkalis. Electrolytic production of.	C. Suter and B. Redlich.	813,532	Feb. 27	4034	884	120	2513
Metals. Recovery of.	R. R. Maffett.	833,722	Oct. 16	3454	.....	124	2137
Metals. Reducing.	G. L. Fogler.	826,557	July 24	3834	794	123	1019
Metals. Treating.	H. H. Goodsell.	813,206	Feb. 20	3363	739	120	2308
Metals. Working rolled.	J. V. Culliney.	809,934	Jan. 16	2649	547	120	667
Metallic bars. Device for bending.	A. C. Busby.	825,805	July 10	2323	484	123	612
Metallic can.	W. B. Fenn.	810,737	Jan. 23	4324	899	120	1067

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Metallic compounds and producing carbids. Apparatus for reducing	E. F. Price	826,744	July 24	4199	872	123	1114
Metallic compounds and producing carbids. Reducing	E. F. Price	826,742	July 24	4192	871	123	1111
Metallic compounds. Manufacture of	S. Parfitt	818,044	Apr. 17	2987		121	2125
Metallic construction	A. J. Malmberg	836,885	Nov. 27	3964	847	125	1116
Metallic fabric	G. H. Bedient	819,711	May 8	1338	290	122	361
Metallic hoop	G. L. Meade	809,519	Jan. 9	1843	381	120	439
Metallic leaf. Apparatus for applying	W. H. Coe	835,402	Nov. 6	1067	229	125	269
Metallic leaf. Package-roll of	W. H. Coe	819,001	Apr. 24	4893	1050	121	2590
Metallic leaf. Package-roll of	W. H. Coe	824,626	June 26	4757	1013	122	2925
Metallic post	L. C. Sharp	820,319	May 8	2624	571	122	647
Metallic post	S. Moltrup	821,725	May 29	5511	1174	122	1457
Metallic salts and oxids. Densifying and eliminating air and gas from masses of pulverulent	E. O. Bartlett and W. F. Gordon	809,354	Jan. 9	1499	303	120	365
Metallic structure	V. J. Niele	817,508	Apr. 10	1917	403-4	121	1837
Metallic surfaces. Cleaning	T. A. Edison	821,622	May 29	5293	1130	122	1411
Metallic tie	B. A. Legg	815,718	Mar. 20	3491	731	121	869
Metallic tie	J. A. Wilkinson	818,067	Apr. 17	3024	654	121	2133
Metallic tie	C. Horrell	821,166	May 22	4381	932	122	1154
Metallic tie	T. Berntson	825,800	July 10	2313	482	123	610
Metallic tie and rail-fastener	H. B. Burke	822,720	June 5	991	202	122	1946
Metallic tie and rail-fastener	C. M. Rhodes	834,682	Oct. 30	5584	1185	124	2760
Metallic tie and rail-fastener	J. Fraser	835,856	Nov. 13	1915	405	125	524
Metallic tie and rail-fastening	W. Whigham	819,483	May 1	897	196	122	200
Metallic tube. Flexible	E. T. Greenfield	817,057	Apr. 3	1014	209	121	1583
Metallurgical apparatus	E. A. Touceda	823,561	June 19	2705	572	122	2423
Metallurgical furnace	G. H. Benjamin	817,099	Apr. 3	1077	223-4	121	1597
Metallurgical furnace	I. L. Roberts	821,830	May 29	5720	1219	122	1506
Metallurgical furnace	B. C. Lauth	823,057	June 12	1657	343	122	2137
Metallurgical furnace	R. L. Lloyd and P. Thili. (Re-issue.)	12,511	July 24	4850	1010	123	1273
Metallurgical furnace	G. H. Benjamin	827,498	July 31	5819	1206-7	123	1528
Metallurgical furnace	G. W. Shear	829,676	Aug. 28	4064	861	123	2792
Metallurgical process	F. T. Snyder	814,810	Mar. 13	1636	343	121	416
Metallurgical process	O. B. Dawson	829,575	Aug. 28	3858	819	123	2741
Metallurgical vessel	A. L. J. Queneau	837,883	Dec. 4	1191	263	125	1649
Metallurgical vessels. Manufacture of	A. L. J. Queneau	837,724	Dec. 4	905	205	125	1580
Metallurgy	E. A. Touceda	823,560	June 19	2703	571-2	122	2423
Meter:							
See Current-meter.	Liquid-meter.						
Dry meter.	Mile-meter.						
Electric meter.	Prepayment-meter.						
Electricity-meter.	Speed-meter.						
Energy-meter.	Steam-meter.						
Erosion-meter.	Telephone-meter.						
Fluid-meter.	Telephone-call meter.						
Frequency-meter.	Vibro-meter.						
Gas-meter.	Water-meter.						
Meter	J. A. Tilden	817,887	Apr. 17	2667	580	121	2053
Meter	J. Wills and L. E. Imlay	834,787	Oct. 30	5506	1232	124	2815
Meter	F. Holden	836,974	Nov. 27	4159	887-8	125	1159
Meter	F. Holden	837,066	Nov. 27	4363	925	125	1209
Meter connection	S. L. Eastey	825,707	July 10	2136	446	123	568
Meter-register	L. H. Nash	836,820	Nov. 27	3845	819	125	1085
Meters. Bill-delivery mechanism for	R. W. Gallagher	823,773	June 19	3103	657	122	2510
Meters. Coin attachment for prepayment	J. Doyle and C. F. Averill	815,945	Mar. 27	3973	842	121	1022
Meters. Statement-delivery mechanism for	R. W. Gallagher	825,451	July 10	1565	323	123	427
Meters. System of calibrating recording watt-hour	D. P. Morrison	812,436	Feb. 13	1855	408	120	1944
Metering system	E. Schattner	831,478	Sept. 18	3155	668	124	849
Metal from mica plates, crystals, or nodules. Manufacture of flake	H. C. Michell	832,494	Oct. 2	954	189-90	124	1442
Mica plates. Apparatus for building composite	B. G. Lewis	833,401	Oct. 16	2805	594	124	1986
Micrometer	L. Kreutzkamp	821,721	May 29	5504	1172	122	1456
Micrometer	D. K. Lee	835,224	Nov. 6	697	143	125	177
Micrometer for measuring the thickness of paper and other sheets.	H. F. Provandie	836,605	Nov. 20	3364	717	125	928
Micrometer-gage	C. A. Fisk	824,420	June 26	4350	925	122	2834
Micrometer-gage	J. C. E. Leach and W. O. Woodman	827,453	July 31	5673	1176	123	1493
Micrometer. Quick-adjusting	L. S. Starrett and J. A. Adell	809,272	Jan. 2	1325	269	120	292
Microphone	F. Treÿer	824,159	June 26	3819	815	122	2725
Microscope	H. N. Ott	829,422	Aug. 28	3513	738	123	2655
Microscope. Micrographic	O. H. F. Vollbehr	827,896	Aug. 7	395	84	123	1768
Microscope-stand. Pivotal	C. Reichert and B. Heyne	814,565	Mar. 6	1132	236	121	246
Microtelephone	A. A. Lind	835,860	Nov. 13	1922	406	125	526
Middlings. Utilizing the nutritive properties of	S. B. Apostoloff	826,824	July 24	4343	904	123	1151
Mile-meter	H. Tyler	825,432	July 10	1526	316	123	416
Milk aerating, purifying, and cooling apparatus	D. N. Gifford and J. Hall	811,053	Jan. 30	4965	1036	120	1239
Milk-aerator	B. H. Thomas	810,892	Jan. 23	4643	968	120	1133
Milk and cream separator	F. H. Reid	837,728	Dec. 4	910	206	125	1582
Milk. Apparatus for the distribution of whey or skimmed	J. J. Daniel	823,514	June 19	2615	550	122	2404
Milk-can	S. R. Skov	830,182	Sept. 4	553	113	124	140
Milk-can seal	W. F. Brunssen	828,187	Aug. 7	985	204	123	1912
Milk-clarifier	H. P. Olsen	833,540	Oct. 16	3088	655	124	2051
Milk-cooler	G. Matteson	814,614	Mar. 6	1221	256	121	264
Milk-cooler	B. F. Craig	828,716	Aug. 14	2051	432	123	2209
Milk-cooler	A. M. Lorentz	832,867	Oct. 9	1725	356	124	1668
Milk-cooler	H. F. Segert	835,893	Nov. 13	1985	419	125	541
Milk-diluting vessel. Percentage	M. F. Deming	831,939	Sept. 25	4125	860	124	1135
Milk-dipper	E. Burkins	821,700	May 29	5458	1163	122	1446
Milk. Electrolytically treating	C. T. Willson	829,308	Aug. 21	3270	689	123	2549
Milk heating and cooling device	F. M. Richards and E. Hubbard	830,743	Sept. 11	1748	360	124	472
Milk-jar and the like cap	R. E. Pearce	822,471	June 5	465	94	122	1826
Milk-pasteurizer	C. Elofson	836,873	Nov. 27	3938	840-1	125	1108
Milk-pasteurizing apparatus	C. A. Janson	837,068	Nov. 27	4367	925	125	1210

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Milk preparations. Manufacturing	S. Székely and E. Kovács	811,971	Feb. 6	878	-----	120	1668
Milk-preserve and making same	L. Sarason	809,138	Jan. 2	1025	-----	120	225
Milk product. Means for making a	C. M. Taylor, Jr.	819,819	May 8	1568	333	122	414
Milk products and recovering milk fluids. Means for making	C. M. Taylor, Jr.	809,860	Jan. 9	2495	518	120	582
Milk-receptacle	G. W. Maxwell and A. Kingsbury	827,984	Aug. 7	577	118	123	1815
Milk. Testing	O. Wendler	827,591	July 31	5998	-----	123	1572
Milk to a dry powder. Reducing	L. Gathmann	834,516	Oct. 30	5251	1115	124	2676
Milking animals. Apparatus for mechanically	C. S. Padfield	833,890	Oct. 23	3837	814	124	2279
Milking apparatus	E. E. Good	812,842	Feb. 20	2646	579	120	2150
Milking apparatus	P. Andersen	823,316	June 12	2214	461-2	122	2259
Milking apparatus	P. E. Bartelmus	833,500	Oct. 16	3019	640	124	2035
Milking appliance	R. Wallace	814,487	Mar. 6	985	202	121	215
Milking device	L. G. Harper	810,750	Jan. 23	4348	904	120	1071
Milking device	L. G. Harper	826,030	July 17	2746	568	123	734
Milking-machine	F. Ljungström	812,855	Feb. 20	2668	585	120	2156
Milking-machine	G. Hutchinson	814,212	Mar. 6	412	85	121	90
Milking-machine	M. Carmickle	815,145	Mar. 13	2303	481	121	558
Milking-machine	D. Klein	816,583	Apr. 3	51	13	121	1366
Milking-machine	T. M. Wade	822,640	June 5	826	169	122	1910
Milking-machine	G. Hutchinson	827,311	July 31	5358	1113-14	123	1416
Milking-machine	F. A. Lane	828,613	Aug. 14	1849	390	123	2160
Milking-machine	L. Burrell	838,236	Dec. 11	1935	414	125	1879
Milking-machine teat-cup	F. A. Lane	827,159	July 31	5061	1054	123	1343
Milking-machine teat-cup	F. A. Lane	827,160	July 31	5063	1055	123	1343
Milking-machine with electromagnetic closing device	A. Sabroe	835,918	Nov. 13	2026	431	125	550
Milking-shield	J. W. Hughes	815,429	Mar. 20	2938	609	121	748
Mill:							
See Ball-mill.	Household-mill.						
Boring and turning mill.	Ore-crushing mill.						
Cane-mill.	Pan-and-roller mill.						
Cider-mill.	Peat-mill.						
Coffee-mill.	Pebble-mill.						
Coffee-cutting mill.	Pulverizing-mill.						
Crushing-mill.	Quartz-mill.						
Crushing and grinding mill.	Reduction-mill.						
Drum-mill.	Resawing band-mill.						
Fanning-mill.	Roller-mill.						
Feed-mill.	Rolling-mill.						
Grinding-mill.	Sawmill.						
Grinding or crushing mill.	Stamp-mill.						
Grist-mill.	Swaging-mill.						
Grist-mill.	Universal mill.						
Grist-mill.	Windmill.						
Mill	H. A. Howard	809,687	Jan. 9	2188	452	120	513
Mill	J. Cihalewski	814,672	Mar. 13	1357	283-4	121	355
Mill	D. L. Adelsperger	817,610	Apr. 10	2103	445	121	1874
Mill feed. Tube	J. Calwell	828,998	Aug. 21	2613	551	123	2382
Mill-pick	R. Johnson	813,212	Feb. 20	3380	745	120	2310
Mills, &c. Feed-governor for	C. H. and A. J. Richards	810,978	Jan. 30	4835	1006	120	1210
Mills, &c. Feed-governor for	C. H. and A. J. Richards	838,646	Dec. 18	2731	585-6	125	2118
Mills. Pneumatic bobbin-conveyor for	P. J. Hanlon	836,320	Nov. 20	2826	600	125	800
Milling and burnishing tool. Hollow	I. W. Sprink	828,632	Aug. 14	1885	397	123	2168
Milling appliance	I. Z. Monger	824,998	July 3	641	129	123	168
Milling-cutter	J. F. Dowding	822,591	June 5	729	146-7	122	1889
Milling cutter and head	C. B. Tardif	833,261	Oct. 16	2513	525	124	1912
Milling-cutters. Magazine-holder for	H. H. Vaughan	819,961	May 8	1882	415-16	122	481
Milling-tool	S. Horr	821,290	May 22	4615	984-5	122	1205
Millboard-making machine	W. Sillman	829,677	Aug. 28	4065	861	123	2793
Millboard-making machine	W. Sillman	832,927	Oct. 9	1835	379-80	124	1693
Millboard-making machine	W. Sillman	833,806	Oct. 23	3628	776	124	2226
Millinery-box	C. A. Leyh	815,543	Mar. 20	3143	657-8	121	792
Mine and elevator shafts. Cage for	W. Black	809,899	Jan. 9	2560	529-30	120	595
Mine-cage	F. N. Wilson	824,269	June 26	4034	863	122	2771
Mine-cage safety device	I. M. Adams	811,893	Feb. 6	690	151	120	1631
Mine-cage safety device	C. Mulhearn	825,334	July 10	1294	272	123	355
Mine-cages and the like. Apparatus for making frames for	P. Thielmann and J. Meisenburg	823,711	June 19	2981	631	122	2484
Mine-door	C. R. Anderson	830,281	Sept. 4	778	159	124	195
Mine-door	R. J. Good and G. E. Hall	833,519	Oct. 16	3050	647	124	2042
Mine-door-actuating mechanism. Electrically-operated	J. C. Lincoln	829,974	Sept. 4	117	20	124	29
Mine-door opener and closer	F. Zoerkler	811,890	Feb. 6	685	150	120	1630
Mine-drill	A. M. Rickerd	835,832	Nov. 13	1872	396	125	516
Mine-elevator safety device	I. M. Adams	811,892	Feb. 6	689	150	120	1631
Mine-gate	N. K. Bowman	820,090	May 8	2190	477	122	551
Mine-gate	N. K. Bowman	822,241	June 5	21	4-5	122	1733
Mine-harness	J. P. and R. S. Stratton	810,439	Jan. 23	3757	773	120	939
Mine-hoist	A. B. Paige	825,477	July 10	1615	336	123	438
Mine residues. Means for distributing	A. L. E. Bergert	825,292	July 10	1196	253	123	330
Mine residues, &c. Means for distributing	A. L. E. Bergert	832,714	Oct. 9	1403	283-4	124	1591
Mine-shaft door	I. Whitney	813,067	Feb. 20	3096	678	120	2252
Mine skips, cages, &c. Safety-gear for	B. Schlesinger and E. G. Weldon	825,353	July 10	1326	280-1	123	363
Mine-ventilating apparatus	M. J. Ward	809,653	Jan. 9	2121	439	120	496
Mines, &c. Device for searching submarine	U. S. Sjöstrand	818,479	Apr. 24	3834	825	121	2360
Mines, tunnels, or subways. Ventilating system for	R. E. Booraem	820,945	May 15	3907	833	122	989
Miner's cap and lantern-holder	W. A. Lattimore and W. V. Parmley	839,070	Dec. 18	3504	758	125	2306
Miner's-cap attachment	W. N. Brown	836,481	Nov. 20	3135	666	125	871
Miner's drill	H. Todd	810,513	Jan. 23	3915	805	120	977
Miner's drill	C. C. Cranmer	816,562	Apr. 3	17	5	121	1358
Miner's drill	C. C. Cranmer	816,563	Apr. 3	18	5	121	1358
Miner's pit-cap	R. E. Pitcher	838,054	Dec. 11	1541	331	125	1782
Miner's tool	R. W. Miner	819,154	May 1	229	49	122	57
Miner's tool	O. Hanson	826,569	July 24	3858	798	123	1026

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Mining.....	A. G. Parker.....	818,188	Apr. 17	3275	701	121	2188
Mining and other debris. Device for removing.....	S. W. Wible.....	809,593	Jan. 9	1990	413	120	469
Mining and washing clay, kaolin, &c. Simultaneously.....	M. Wanner.....	823,749	June 19	3046	645	122	2497
Mining apparatus.....	A. McDougall.....	823,960	June 19	3452	738	122	2589
Mining apparatus.....	A. McDougall.....	823,961	June 19	3455	738-9	122	2589
Mining apparatus. Hydraulic.....	I. Larsen.....	832,066	Oct. 2	72	17	124	1230
Mining. Breast-board for underground.....	J. Stockfleth.....	835,839	Nov. 13	1884	399	125	518
Mining-cage landing-chair.....	G. H. Denton.....	809,176	Jan. 2	1087	226-7	120	239
Mining-drill.....	F. Lonski.....	814,856	Mar. 13	1714	358	121	432
Mining-drill.....	B. V. Gilmore.....	831,056	Sept. 18	2329	491	124	647
Mining-drill.....	F. A. English.....	837,208	Nov. 27	4625	983	125	1274
Mining-harness.....	J. Poehlman.....	830,802	Sept. 11	1844	383	124	494
Mining-machine.....	D. R. Murphy.....	809,206	Jan. 2	1147	238	120	252
Mining-machine.....	E. R. Merrill.....	813,508	Feb. 27	3980	874	120	2199
Mining-machine.....	C. Mead.....	831,516	Sept. 18	3226	681-2	124	868
Mining-machine. Coal.....	C. Wissemann.....	809,350	Jan. 9	1492	301-2	120	364
Mining-machine. Coal.....	S. N. Mighell.....	827,746	Aug. 7	106	22	123	1696
Mining-machine. Coal.....	D. V. Sickman.....	838,470	Dec. 11	2386	517	125	1990
Mining machinery. Coal.....	D. V. Sickman.....	838,469	Dec. 11	2384	516	125	1989
Mining. Submarine.....	E. F. Scheibe.....	809,633	Jan. 9	2075	430	120	487
Mineral boring. Underreamer for.....	A. Cummings.....	819,042	May 1	13	4	122	6
Mineral deposits. Apparatus for detecting and localizing.....	L. Duff and A. Williams.....	817,736	Apr. 10	2334	502	121	1928
Mineral-gate.....	R. E. Ball.....	829,316	Aug. 21	3292	694-5	123	2554
Minerals. Separating.....	E. B. Kirby.....	809,959	Jan. 16	2703	557	120	678
Mingling finely-divided solid substances with a blast of air. Apparatus for.....	G. D. Coleman.....	825,381	July 10	1391	292	123	380
Mirror.....	C. Boneisler.....	820,621	May 15	3225	694	122	839
Mirror.....	E. J. Handloser.....	826,935	July 24	4566	950	123	1206
Mirror.....	I. F. Nichols and D. W. H. Gilliland.....	838,047	Dec. 11	1529	328	125	1779
Mirror and chip-blower and flushing and spraying device. Combination hand mouth-hose.....	O. T. Robertson.....	838,648	Dec. 18	2739	587	125	2120
Mirror attachment for ladies' hats.....	A. P. Day.....	831,710	Sept. 25	3671	768	124	1023
Mirror for brushes, &c.....	H. Emerson.....	828,393	Aug. 14	1407	297	123	2045
Mirror-holder.....	C. B. Moore.....	816,588	Apr. 3	71	17	121	1371
Mirror-holder. Adjustable.....	J. B. Erwin.....	832,592	Oct. 16	3202	680-1	124	2080
Mirror-holder. Adjustable.....	S. E. Crane.....	838,953	Dec. 18	3284	710	125	2250
Mirror. Multiple.....	J. H. Petroskey.....	838,807	Dec. 18	3036	655	125	2192
Mirror-support. Adjustable.....	T. G. Lovegrove.....	812,660	Feb. 13	2291	498	120	2031
Mirror-support. Adjustable.....	C. H. Ayer, F. J. Hole, and R. E. Olney.....	820,466	May 15	2921	634	122	771
Mirror-supporting device.....	H. W. Hodgetts.....	834,980	Nov. 6	198	43	125	52
Mirrors, pictures, and the like. Device for hanging wall.....	H. and C. Sauer.....	820,674	May 15	3328	714	122	860
Miter-box.....	J. N. House.....	824,298	June 26	4083	873	122	2781
Miter-box.....	W. B. Spear.....	828,252	Aug. 7	1091	229-30	123	1936
Miter-box.....	A. Garland.....	831,277	Sept. 18	2784	586-7	124	755
Miter-box.....	E. Hoysradt.....	832,259	Oct. 2	492	92-3	124	1332
Miter-box.....	W. J. Parsons.....	834,073	Oct. 23	4348	924-5	124	2401
Miter-box and saw-guide.....	J. M. Smith.....	810,175	Jan. 16	3145	651-2	120	772
Miter-box attachment.....	R. H. Dorn.....	831,940	Sept. 25	4128	860	124	1136
Miter-boxes and the like. Clamping attachment for.....	R. L. McCartney.....	818,275	Apr. 17	3445	741	121	2223
Miter-clamp.....	R. Dunne.....	817,906	Apr. 17	2715	589	121	2065
Miter-cutter.....	W. H. Trogden.....	816,279	Mar. 27	4648	986	121	1169
Miter-gage.....	T. H. Oxnam.....	821,959	May 29	5958	1269	122	1558
Miter-jack.....	E. O. Wolfe.....	823,017	June 12	1573	327	122	2120
Miter-jack.....	D. D. Cameron.....	825,188	July 3	993	209	123	260
Miters and octagons. Implement for laying out.....	P. L. Fox.....	821,094	May 22	4247	903	122	1123
Mitering and beveling machine.....	A. Cadorette and L. Laflamme.....	823,506	June 19	2587	545	122	2399
Mitering-machine.....	W. C. Kantner.....	834,206	Oct. 23	4631	983	124	2474
Mitt.....	E. Keesey.....	832,324	Oct. 2	618	118	124	1361
Mitt. Ball-player's.....	A. C. Ferry.....	811,389	Jan. 30	5624	1178	120	1381
Mitt. Base-ball.....	J. Gamble.....	836,378	Nov. 20	2932	622	125	824
Mitt. Base-ball-catcher's.....	J. Gamble.....	808,980	Jan. 2	721	155	120	159
Mitten.....	J. Gulick.....	824,540	June 26	4584	974	122	2887
Mitten or glove.....	W. Gerhard.....	826,238	July 17	3143	653	123	827
Mitten. Undertaker's.....	F. J. Pribil, Jr., and J. N. Utterson.....	822,868	June 5	1266	261	122	2003
Mixer:							
See Automatic mixer.....	Explosive-mixer.....						
Bread-mixer.....	Fiber-mixer.....						
Cake-mixer.....	Gas-mixer.....						
Concrete-mixer.....	Mayonnaise-mixer.....						
Dough-mixer.....	Paint-mixer.....						
Dough or bread mixer.....	Sand-mixer.....						
Drink-mixer.....	Yeast-mixer.....						
Drug-mixer.....							
Mixer.....	C. H. Broadwell.....	826,223	July 17	3123	648-9	123	822
Mixer.....	P. M. Lyons.....	832,400	Oct. 2	769	149	124	1398
Mixer and kneader.....	D. Kadel.....	810,417	Jan. 23	3713	765	120	929
Mixer and kneader.....	G. L. Scheuch.....	833,089	Oct. 9	2136	449-50	124	1769
Mixer for concrete, cement, or other substances.....	W. J. Judd.....	836,190	Nov. 20	2557	537-9	125	731
Mixing and cleaning machine. Convertible.....	J. W. Stacey.....	832,429	Oct. 2	828	159	124	1411
Mixing and measuring apparatus.....	R. C. Smith.....	809,585	Jan. 9	1969	409	120	464
Mixing and measuring apparatus.....	R. C. Smith.....	831,247	Sept. 18	2710	571	124	735
Mixing apparatus.....	C. S. Higgins.....	811,145	Jan. 30	5153	1077	120	1278
Mixing apparatus.....	J. B. Strauss.....	829,127	Aug. 21	2892	607	123	2457
Mixing apparatus for dry materials.....	G. Raps.....	814,233	Mar. 6	449	93	121	97
Mixing device.....	S. E. Powell.....	820,254	May 8	2509	543	122	622
Mixing ingredients.....	A. Q. Nash.....	830,518	Sept. 11	1258	260	124	338
Mixing-machine.....	C. Jaquet.....	812,849	Feb. 20	2657	582	120	2153
Mixing-machine.....	T. A. Swanson and G. E. Boyle.....	821,267	May 22	4570	971-2	122	1195
Mixing-machine.....	P. S. Ward.....	828,910	Aug. 21	2449	520	123	2342
Mixing-machine.....	F. Notz and J. McBriar.....	831,372	Sept. 18	2960	628-9	124	798
Mixing-machine.....	W. J. Judd.....	831,957	Sept. 25	4159	867	124	1144

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'ss.	Vol.	Page.
Mixing-machine.....	R. N. Cunningham and J. W. McPherson.....	832,722	Oct. 9	1421	286-7	124	1595
Mixing-machine.....	J. F. West and W. O. Cowley.....	833,014	Oct. 9	1990	416	124	1731
Mixing-machine.....	W. Miles.....	833,790	Oct. 23	3593	708	124	2218
Mixing-machine.....	E. Ruttkamp.....	835,558	Nov. 13	1350	290	125	384
Mixing-machine.....	W. J. Judd.....	836,191	Nov. 20	2562	539-40	125	732
Mixing-machine.....	J. B. Hinchman.....	839,144	Dec. 25	3698	798	125	2402
Mixing mechanism.....	E. F. Pumphrey.....	827,664	July 31	6174	1282	123	1622
Mixing or stirring device.....	E. P. Shaw.....	835,165	Nov. 6	583	118	125	147
Mixing plant.....	C. E. Binnings.....	814,667	Mar. 13	1348	281	121	353
Model-slip holder.....	S. Eberly.....	833,683	Oct. 16	3382	718	124	2120
Moistener.....	E. O. Myers.....	826,520	July 17	3732	774	123	980
Moistener. Envelop.....	E. S. Buckland.....	811,478	Jan. 30	5775	1209	120	1411
Moistener. Envelop.....	B. M. Rogers.....	822,773	June 5	1076	222	122	1964
Moistener. Envelop.....	J. T. Dean.....	830,648	Sept. 11	1537	317	124	413
Moistener. Envelop and stamp.....	W. A. Brown.....	838,076	Dec. 11	1605	345	125	1797
Moistening and warming rooms or apartments. Apparatus for.....	A. Schmidt.....	813,328	Feb. 20	3618	793	120	2360
Moistening device.....	P. A. Peterson.....	812,087	Feb. 6	1106	244	120	1714
Moistening device.....	J. H. De Nike.....	817,105	Apr. 3	1088	226	121	1599
Moistening device. Hand.....	H. Rustad.....	839,211	Dec. 25	3837	826	125	2433
Moisture-proof joint.....	W. I. Aims.....	837,767	Dec. 4	978	220	125	1597
Moisture-proof structure.....	H. Feder.....	816,226	Mar. 27	4546	966	121	1147
Mold:							
See Adjustable mold.	Concrete-post mold.						
Block-mold.	Concrete-wall mold.						
Bottle-mold.	Cooky-mold.						
Brick-mold.	Culvert-mold.						
Building-block mold.	Cup-mold.						
Butter-mold.	Fence-post mold.						
Casting-mold.	Glass-mold.						
Cement-mold.	Hollow-article mold.						
Cement-building-wall mold.	Ice-cream mold.						
Cement-cistern mold.	Ingot-mold.						
Cement-construction-block mold.	Linotype-machine mold.						
Cement-fence-post mold.	Pipe-mold.						
Cement-pipe mold.	Plasterer's running-mold.						
Cement-post mold.	Plastic-material mold.						
Chimney-mold.	Sewer, &c., mold.						
Cistern-mold.	Stone-mold.						
Collapsible mold.	Stone-making mold.						
Concrete-mold.	Tile-mold.						
Concrete-block mold.	Tooth-mold.						
Concrete-building-block mold.	Type-casting mold.						
Concrete or cement post mold.	Vault-mold.						
Concrete or cement post mold.	Wall-mold.						
Mold.....	J. H. Johnson and H. Meyer.....	808,846	Jan. 2	429	95	120	95
Mold.....	W. H. Lucas.....	809,199	Jan. 2	1135	236	120	250
Mold.....	G. A. Byor.....	811,032	Jan. 30	4934	1029-30	120	1233
Mold.....	E. L. Maag.....	811,310	Jan. 30	5481	1142-3	120	1350
Mold.....	W. H. Benson.....	811,474	Jan. 30	5769	1207	120	1410
Mold.....	J. H. Sullivan.....	813,253	Feb. 20	3455	761	120	2326
Mold.....	C. A. Landon.....	813,439	Feb. 27	3848	843	120	2468
Mold.....	L. Landmann.....	814,304	Mar. 6	597	124-5	121	129
Mold.....	O. M. Ries.....	820,014	May 8	2018	442	122	512
Mold.....	J. Oliver.....	822,978	June 12	1481	308	122	2098
Mold.....	W. H. Lucas.....	824,557	June 26	4624	982	122	2895
Mold.....	A. O. Thomas.....	826,387	July 17	3423	710	123	896
Mold.....	I. Robbins.....	828,140	Aug. 7	894	184	123	1891
Mold.....	G. H. Bartlett.....	829,377	Aug. 21	3423	720	123	2586
Mold.....	W. M. Hubbard.....	829,586	Aug. 28	3884	823	123	2748
Mold.....	M. Küller.....	830,725	Sept. 11	1710	352-3	124	462
Mold.....	G. Pellinger.....	830,925	Sept. 11	2061	434	124	548
Mold.....	A. E. Miller.....	832,074	Oct. 2	89	20	124	1233
Mold.....	E. Romigh.....	832,424	Oct. 2	815	157	124	1408
Mold.....	W. C. Gannett and O. V. Chance.....	833,595	Oct. 16	3210	682	124	2081
Mold.....	J. Strait, J. Brahm, and E. E. Strait.....	833,701	Oct. 16	3412	726-7	124	2127
Mold.....	F. M. White.....	833,814	Oct. 23	3654	781	124	2235
Mold.....	A. D. Whisler.....	837,760	Dec. 4	964	217	125	1594
Mold.....	J. F. Schwartz.....	838,278	Dec. 11	2027	437	125	1900
Mold.....	D. Genese.....	839,748	Dec. 25	4921	1051	125	2699
Mold-box.....	W. H. Fisher.....	819,055	May 1	42	9	122	13
Mold-charging apparatus.....	P. Bonvillain.....	813,614	Feb. 27	4193	920	120	2546
Mold compound.....	M. Ams.....	814,007	Mar. 6	1	1	121	3
Mold-filling device.....	J. A. Johnson.....	818,093	Apr. 17	3073	662-3	121	2143
Mold-forming mechanism.....	G. Henningsen.....	809,504	Jan. 9	1820	375	120	434
Mold-opening tool.....	A. G. Woodford.....	817,829	Apr. 17	2543	546	121	2027
Mold-pallet.....	O. M. Morse.....	815,109	Mar. 13	2221	467	121	539
Mold-ramming machine.....	J. Poulson.....	820,253	May 8	2506	542	122	621
Mold-support.....	D. A. Dodd.....	827,295	July 31	5329	1104	123	1409
Mold-top.....	W. H. Lucas.....	820,224	Mar. 8	2435	528	122	602
Molds. Composition for.....	J. G. Weyer.....	816,833	Apr. 3	569	121	1486	
Molds. Forming sand.....	J. A. Rathbone.....	836,342	Nov. 20	2866	609	125	809
Molding.....	M. T. Stevens.....	826,970	July 24	964	362-4	123	1220
Molding and iron-armored conduit. Combined box for.....	S. D. Slocum.....	832,508	Oct. 2	975	195	124	1446
Molding apparatus.....	C. J. Kielberg.....	811,297	Jan. 30	5460	1138	120	1345
Molding apparatus.....	W. H. McDowell.....	813,572	Feb. 27	4118	902	120	2531
Molding apparatus.....	E. L. Aiken.....	817,831	Apr. 17	2548	546-7	121	2028
Molding apparatus.....	A. M. and M. J. Hewlett.....	819,883	May 8	1689	362-4	122	445
Molding apparatus.....	M. J. Hewlett.....	823,530	June 19	2648	557-8	122	2411

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Molding-bit.....	J. Boyd.....	811,124	Jan. 30	5091	1065	120	1265
Molding-board.....	J. S. McQuinn.....	820,726	May 15	3430	734	122	882
Molding-box. Universal.....	J. L. Gleason.....	811,772	Feb. 6	443	96	120	1583
Molding device.....	H. Besser.....	822,039	May 29	6111	1302	122	1594
Molding device.....	G. M. Mills.....	822,536	June 5	598	120	122	1858
Molding device.....	J. P. Hall.....	834,617	Oct. 30	5457	1159	124	2727
Molding device or apparatus.....	J. P. Hall.....	834,573	Oct. 30	5353	1136-7	124	2700
Molding flask or box.....	D. McLain.....	820,591	May 15	3178	683	122	829
Molding-machine.....	H. Besser.....	810,700	Jan. 23	4261	884	120	1052
Molding-machine.....	H. C. Steele, W. Stenson, and F. J. Trout.....	810,988	Jan. 30	4854	1010	120	1214
Molding-machine.....	J. Rogers.....	811,873	Feb. 6	643	141	120	1621
Molding-machine.....	P. Bonvillain.....	812,004	Feb. 6	965	210	120	1685
Molding-machine.....	L. M. Pratt and E. H. Van Natta.....	812,291	Feb. 13	1587	348	120	1888
Molding-machine.....	C. J. Caley.....	812,820	Feb. 20	2596	570	120	2140
Molding-machine.....	A. Choiniere.....	812,979	Feb. 20	2915	643	120	2211
Molding-machine.....	C. M. Runyan.....	813,117	Feb. 20	3196	699	120	2274
Molding-machine.....	P. G. Leming, F. Fiklor, and C. W. Grant.....	813,901	Feb. 27	4753	1050	120	2667
Molding-machine.....	C. Reed.....	814,476	Mar. 6	961	197-8	121	209
Molding-machine.....	D. D. Tracy and H. J. Keenan.....	816,831	Apr. 3	555	118-19	121	1480
Molding-machine.....	D. A. Schoeneman.....	817,008	Apr. 3	922	190	121	1562
Molding-machine.....	O. D. W. Iman.....	817,489	Apr. 10	1877	395-6	121	1827
Molding-machine.....	G. P. White.....	821,270	May 22	4578	974-5	122	1197
Molding-machine.....	W. M. Duncan.....	821,791	May 29	5645	1202-3	122	1490
Molding-machine.....	L. M. Pratt.....	822,015	May 29	6060	1291-2	122	1582
Molding-machine.....	H. Tabor.....	824,317	June 26	4121	881-2	122	2789
Molding-machine.....	E. E. Waite.....	824,965	July 3	585	116-17	123	155
Molding-machine.....	S. Griffith.....	825,824	July 10	2356	492	123	620
Molding-machine.....	J. R. Peirce.....	825,933	July 17	2561	531-2	123	684
Molding-machine.....	H. Tscherning.....	827,675	July 31	6200	1288-9	123	1627
Molding-machine.....	H. J. Schade.....	828,056	Aug. 7	729	150	123	1851
Molding-machine.....	E. W. Thompson.....	830,540	Sept. 11	1305	269-70	124	350
Molding-machine.....	J. T. Rowlands.....	833,179	Oct. 16	2339	490	124	1868
Molding-machine.....	E. L. Martin.....	835,967	Nov. 13	2106	452	125	568
Molding-machine.....	O. W. Schaum.....	838,908	Dec. 18	3211	694	125	2233
Molding-machine.....	N. Baldwin.....	838,935	Dec. 18	3256	704	125	2243
Molding-machine.....	W. Dyer.....	839,125	Dec. 25	3655	788-9	125	2390
Molding-machine.....	G. R. Williams.....	839,244	Dec. 25	3897	838	125	2449
Molding-machine.....	L. M. Pratt.....	839,419	Dec. 25	4241	908	125	2534
Molding-machine. Convertible.....	E. H. Reed.....	817,189	Apr. 10	1273	284	121	1702
Molding-machine. Pipe.....	P. Campbell.....	827,616	July 31	6062	1258	123	1591
Molding-machine. Pulp.....	G. R. Ward.....	827,128	July 31	4971	1037-8	123	1317
Molding-machine vibrator.....	E. E. Waite.....	827,127	July 31	4969	1037	123	1316
Molding materials which set by the addition of water thereto. Apparatus for	J. A. McConnell.....	812,147	Feb. 6	1240	269-70	120	1743
Molding mechanism.....	I. A. Perjue.....	836,277	Nov. 20	2743	583	125	779
Molding or electric-wire conductor.....	W. H. G. Kirkpatrick.....	836,121	Nov. 20	2413	510	125	697
Molding-press.....	G. H. L. Clark.....	819,517	May 1	955	209	122	213
Molding-press.....	G. G. Heghinian.....	834,671	Oct. 30	5559	1180	124	2754
Molding-press. Hydraulic.....	P. Bonvillain.....	815,577	Mar. 20	3199	672-3	121	804
Moldings. Box for electric.....	J. L. Gleason.....	814,906	Mar. 13	1799	377	121	450
Molten baths. Apparatus for drawing articles from.....	G. H. Harvey.....	820,971	May 22	3990	847	122	1069
Molten material. Distributing-box for.....	H. Harris.....	819,651	May 1	1207	265	122	271
Molybdenum and its alloys. Producing.....	F. M. Becket.....	835,052	Nov. 6	360	.....	125	96
Money-box.....	R. H. Bishop and W. Down.....	811,818	Feb. 6	533	119	120	1599
Money-box.....	W. E. Cleveland.....	824,094	June 26	3696	788	122	2697
Money-changing machine.....	D. Peterson.....	810,508	Jan. 23	3898	800-2	120	973
Money-shipping receptacle.....	H. N. Heilman.....	829,713	Aug. 28	4152	878	123	2812
Monkey and pipe wrench. Convertible.....	J. T. Landers.....	838,552	Dec. 18	2549	551	125	2073
Monkey-wrench.....	A. T. Martin.....	815,449	Mar. 20	2970	618	121	755
Monkey-wrench.....	A. L. Gagnon.....	832,575	Oct. 2	1102	222	124	1479
Monkey-wrench, pipe-wrench, and bolt-holder. Combined.....	J. Mills.....	827,254	July 31	5248	1090	123	1391
Monkey-wrench. Quick-acting.....	J. L. Smith.....	813,180	Feb. 20	3318	730	120	2299
Monotype perforating-machine keyboard.....	A. J. Wadsworth.....	835,993	Nov. 13	2143	460	125	577
Monument.....	F. G. Rantau.....	812,293	Feb. 13	1591	348	120	1889
Monuments and grave-markers. Securing photographs, name and record tablets to.....	R. Fancher.....	822,106	May 29	6231	1328	122	1621
Mooring.....	W. H. Peek.....	825,755	July 10	2234	465	123	590
Mooring device.....	W. D. Duncan.....	810,042	Jan. 16	2886	595	120	718
Mooring-post.....	M. Henry.....	826,571	July 24	3867	800	123	1027
Mop.....	J. F. Doebler, Jr.....	815,336	Mar. 20	2723	568	121	699
Mop.....	C. M. Cleveland.....	828,878	Aug. 21	2378	506	123	2322
Mop.....	F. W. Pendergast.....	832,413	Oct. 2	795	153	124	1403
Mop.....	H. A. Antoni.....	834,880	Nov. 6	6	2	125	4
Mop.....	J. H. Johnson.....	836,115	Nov. 20	2390	504	125	691
Mop-head.....	M. Hartman.....	825,209	July 3	1045	220	123	273
Mop-head.....	H. Bitner.....	833,291	Oct. 16	2578	539	124	1929
Mop-head and implement clamp.....	S. C. Lawlor.....	819,895	May 8	1714	368	122	448
Mop head and wringer. Combined.....	N. Scholl.....	816,824	Apr. 3	543	116	121	1478
Mop head and wringer. Combined.....	W. R. Wiley.....	818,498	Apr. 24	3873	834	121	2368
Mop head and wringer. Combined.....	J. S. Shobe.....	820,145	May 8	2294	501	122	573
Mop-holder.....	H. Bitner.....	809,243	Jan. 2	1264	257	120	279
Mop-holder.....	J. A. Benson.....	831,642	Sept. 25	3513	736	124	978
Mop-holder.....	J. Larson.....	839,006	Dec. 18	3378	729	125	2274
Mop-holder for brooms.....	J. F. Doebler, Jr.....	821,344	May 22	4743	1009	122	1235
Mop-making machine.....	E. H. Fenton.....	820,561	May 15	3129	673	122	818
Mop-wringer.....	F. B. Smith.....	813,179	Feb. 20	3316	729-30	120	2298
Mop-wringer.....	S. Krainik.....	815,539	Mar. 20	3135	655	121	790
Mop-wringer.....	T. J. Putnam.....	818,467	Apr. 24	3815	820	121	2357
Mop-wringer.....	W. H. Wetmore.....	818,722	Apr. 24	4357	933	121	2473
Mop-wringer.....	H. M. Reynolds and W. E. Sherwood.....	819,253	May 1	432	91	122	101
Mop-wringer.....	G. R. Beckwith and G. R. Lawrence.....	819,687	May 1	1283	280	122	288
Mop-wringer.....	J. V. Cook.....	824,286	June 26	4057	868	122	2775

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Mop-wringer.....	M. Timothy.....	825,620	July 10	1929	408	123	512
Mop-wringer.....	R. Christensen.....	826,087	July 17	2867	594	123	763
Mop-wringer.....	J. G. McCarthy.....	831,734	Sept. 25	3705	776	124	1032
Mop-wringing machine.....	D. F. Myers.....	820,309	May 8	2610	569	122	644
Mortar and concrete mixing machine.....	A. F. Koehler.....	820,580	May 15	3162	681	122	826
Mortar-gage.....	G. F. Fisher.....	823,593	June 19	2759	584	122	2435
Mortar-spreading machine.....	C. W. Fertick.....	820,042	May 8	2082	454	122	527
Mortise or hinge gage.....	G. D. McLeod.....	824,134	June 26	3762	803-4	122	2712
Mortising and boring machine.....	J. S. Waugh.....	838,827	Dec. 18	3068	661	125	2200
Mortising machine. Folio.....	F. Wesel.....	813,756	Feb. 27	4451	983-4	120	2601
Mortising-tool.....	F. K. Huber.....	809,954	Jan. 16	2691	555	120	676
Mortising-tool.....	J. Gruber.....	832,255	Oct. 2	488	91	124	1331
Mosaics and the like. Machine for making.....	J. R. Peirce.....	832,207	Oct. 2	383	71-2	124	1305
Mosquito-net.....	J. W. Graeme.....	818,882	Apr. 24	4671	1002	121	2541
Mosquito-net frame.....	E. L. Awtry.....	816,895	Apr. 3	692	142	121	1512
Mother-of-pearl. Manufacture of artificial.....	309,909	Jan. 9	2592	.....	.....	120	603
Motion attachment for vehicles. Anti-horse.....	W. B. Saindon.....	826,090	July 24	4047	850	123	1085
Motion-converting means.....	C. J. Klein.....	811,410	Jan. 30	5661	1187	120	1388
Motion. Means for converting constant oscillatory into rectilinear.....	B. Salzer and G. Walther.....	810,308	Jan. 16	3446	712	120	836
Motion. Mechanism for converting rotary into reciprocatory.....	L. Neumann.....	816,933	Apr. 3	772	158-9	121	1530
Motion to sieve-boxes and other bodies. Means for imparting gyratory.....	E. R. Draver.....	830,309	Sept. 4	829	170	124	208
Motive-power engine.....	P. Daniel.....	817,905	Apr. 17	2713	589	121	2065
Motive power from the movements of tides, waves, &c. Apparatus for generating.....	J. Hutchings.....	828,659	Aug. 14	1933	406-8	123	2180
Motor: See Air tension-motor. Polyphase motor. Churn-motor. Pump-motor. Compressed-air motor. Railway-motor. Current-motor. Rotary motor. Damper-operating Rotary explosive-motor. Dental motor. Rotating motor. Dynamo-motor. Sewing-machine motor. Electric motor. Spring-motor. Electrical vibratory Spring-power motor. motor. Steam-motor. Electromagnetic motor. Steam or other fluid-pressure motor. Fan-motor. Surf-actuated motor. Fluid-motor. Talking-machine motor. Fluid-pressure motor. Tide and wave motor. Gasolene-motor. Turbine-motor. Hydraulic motor. Water-motor. Hydrocarbon-motor. Wave-motor. Induction-motor. Wave-propelled motor. Liquid-motor. Weight-motor. Mechanical motor. Wind-motor. Pneumatic motor.							
Motor.....	C. W. Cramer and H. C. Haak.....	810,396	Jan. 23	3671	756-7	120	919
Motor.....	C. H. Dill.....	814,362	Mar. 6	736	149	121	163
Motor.....	F. E. Lewis.....	815,444	Mar. 20	2963	616	121	754
Motor.....	I. J. Paddock.....	819,586	May 1	1081	238	122	243
Motor.....	H. Bezer.....	825,283	July 3	1175	249	123	306
Motor.....	W. G. Bloss.....	827,845	Aug. 7	305	63	123	1746
Motor.....	C. A. Bush.....	832,592	Oct. 9	1154	231	124	1532
Motor.....	A. Charbonneau.....	838,687	Dec. 18	2814	604	125	2138
Motor and power-transmitting mechanism. Combined.....	J. K. Stewart.....	826,666	July 24	4109	853	123	1093
Motor and starting-switch. Alternating-current.....	M. Milch.....	819,592	May 1	1050	230	122	236
Motor-chair.....	J. A. Himburg.....	812,997	Feb. 20	2949	649	120	2218
Motor-compressors. Automatic controller for.....	W. J. Richards.....	821,672	May 29	5392	1150-1	122	1431
Motor control.....	C. A. Eck.....	813,410	Feb. 27	3782	830	120	2451
Motor control.....	J. E. Noeggerath.....	827,320	July 31	5376	1118	123	1424
Motor control.....	J. S. Pevear.....	832,745	Oct. 9	1463	295	124	1605
Motor control. Alternating-current.....	M. Milch.....	819,571	May 1	1048	230	122	234
Motor-control apparatus.....	F. E. Case.....	837,037	Nov. 27	4304	914	125	1195
Motor control. Automatic.....	S. H. Libby.....	834,147	Oct. 23	4519	959-60	124	2445
Motor control. Electric.....	W. Geipel and F. M. T. Lange.....	838,315	Dec. 11	2083	450-1	125	1914
Motor control. Induction.....	A. H. Armstrong.....	811,758	Feb. 6	414	91	120	1576
Motor control. Induction.....	M. C. A. Latour.....	835,444	Nov. 6	1144	247	125	287
Motor control. Repulsion.....	M. Milch.....	832,741	Oct. 9	1452	293	124	1602
Motor-control system.....	W. B. Potter.....	808,778	Jan. 2	318	69	120	71
Motor-control system.....	F. B. Corey.....	811,766	Feb. 6	431	94	120	1580
Motor-control system.....	A. Magnuson.....	816,804	Apr. 3	490	109	121	1464
Motor-control system.....	A. Magnuson.....	816,805	Apr. 3	495	109	121	1466
Motor-control system.....	A. Magnuson.....	816,930	Apr. 3	764	158	121	1528
Motor-control system.....	A. Magnuson.....	816,931	Apr. 3	768	158	121	1529
Motor-control system.....	H. R. Stuart.....	819,816	May 8	1563	332	122	412
Motor-control system.....	G. H. Hill.....	822,275	June 5	98	20	122	1750
Motor-control system.....	S. Krohn.....	822,282	June 5	111	23	122	1752
Motor-control system.....	C. E. Bennett.....	829,135	Aug. 21	2919	613	123	2463
Motor-control system.....	A. Magnuson.....	830,158	Sept. 4	509	104	124	128
Motor-control system.....	A. Magnuson.....	830,242	Sept. 4	687	138	124	174
Motor-control system.....	C. E. Mandelick.....	831,451	Sept. 18	3101	657	124	834
Motor-control system.....	G. H. Hill.....	836,973	Nov. 27	4154	887	125	1158
Motor-control system.....	H. E. White.....	839,687	Dec. 25	4788	1023	125	2666
Motor control system. Alternating-current.....	A. Sundh.....	824,756	July 3	115	23	123	33
Motor-control system. Electric.....	C. A. Mudge.....	815,304	Mar. 13	2614	548-9	121	629
Motor-control system. Electric.....	A. H. Daus.....	819,738	May 8	1395	300	122	372
Motor-control system. Electric.....	W. T. Dean and R. Tschentscher.....	832,629	June 26	4761	1015	122	2926
Motor-control system. Electric.....	W. Cooper.....	834,563	Oct. 30	5328	1132	124	2695
Motor-controller.....	A. Pedersen.....	809,460	Jan. 9	1734	358	120	414
Motor-controller.....	W. E. Houston.....	812,791	Feb. 13	2539	558	120	2082

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Motor-controller.....	S. D. Black.....	828,637	Aug. 14	1895	399	123	2171
Motor-controller.....	W. A. Lucke.....	833,228	Oct. 16	2450	512-13	124	1896
Motor controller. Electric.....	J. B. Linn.....	819,563	May 1	1032	226	122	232
Motor controller. Electric.....	A. S. Krotz.....	820,504	May 15	3011	647-8	122	791
Motor controller. Electric.....	H. E. Dubois.....	824,237	June 26	3975	852	122	2758
Motor-controller regulator. Electric.....	P. A. Weyand.....	810,240	Jan. 16	3296	683	120	802
Motor controllers. Warning-signal for electric.....	W. H. Warren.....	824,223	June 26	3947	845	122	2752
Motor-controlling device.....	C. A. Dresser.....	814,946	Mar. 13	1873	393	121	466
Motor-controlling means. Electric.....	F. D. Hallock.....	838,021	Dec. 11	1470	317	125	1763
Motor-cooling device. Explosion.....	F. Patee.....	829,599	Aug. 28	3911	828-9	123	2755
Motor-cutter.....	F. P. Jordan.....	814,964	Mar. 13	1911	401-2	121	473
Motor-cylinder. Jacketed.....	T. Huber.....	828,656	Aug. 14	1928	405	123	2179
Motor-cylinders. Air-cooler for.....	C. H. McKay.....	832,803	Oct. 9	1588	325	124	1633
Motor-driven apparatus. Stopping and starting device for.....	W. B. Manny.....	809,966	Jan. 16	2719	560	120	682
Motor governing mechanism. Fluid-actuated.....	J. G. Callan.....	820,913	May 15	3851	821	122	975
Motor governor. Pneumatic.....	J. W. Macy.....	816,169	Mar. 27	4441	940	121	1124
Motor or engine.....	C. C. Clark.....	831,930	Sept. 25	4111	957	124	1132
Motor platform. Power.....	A. Nacke.....	813,444	Feb. 27	3856	845	120	2470
Motor regulation. Electric.....	J. G. V. Lang.....	811,415	Jan. 30	5674	1189	120	1390
Motor regulator. Gas and petroleum.....	H. Crouan.....	818,612	Apr. 24	4139	889-90	121	2426
Motor reverser. Alternating-current.....	E. H. Porter and B. Currier.....	808,944	Jan. 2	635	138-9	120	140
Motor-reverser. Automatic.....	G. H. Whittingham.....	821,009	May 22	4073	867	122	1086
Motor reversing mechanism. Rotary.....	A. H. Taylor.....	810,890	Jan. 23	4639	967	120	1132
Motor reversing mechanism. Rotary.....	A. H. Taylor.....	819,470	May 1	873	189-90	122	196
Motor reversing mechanism. Rotary.....	A. H. Taylor.....	820,684	May 15	3351	717-18	122	864
Motor safety starting mechanism.....	A. H. Beecher.....	815,137	Mar. 13	2284	477	121	554
Motor speed-control system. Electric.....	A. D. Du Bois.....	826,318	July 17	3302	682	123	867
Motor-spring.....	A. M. Lane.....	817,378	Apr. 10	1641	348	121	1779
Motor-starter.....	E. Schattner.....	816,383	Mar. 27	4891	1039	121	1220
Motor-starter. Automatic.....	A. W. Darby.....	824,687	June 26	4869	1037-8	122	2947
Motor-starter. Automatic.....	W. F. Hendry.....	836,036	Nov. 13	2217	474	125	596
Motor-starting device.....	E. Batisse.....	827,496	July 31	5812	1205-6	123	1526
Motor starting device. Electric.....	H. B. Wilson.....	809,878	Jan. 9	2524	523	120	588
Motor starting device. Explosion.....	C. A. von Soden-Fraunhofen.....	826,903	July 24	4518	940	123	1193
Motor starting device. Explosive.....	T. B. Jeffery.....	826,252	July 17	3165	657	123	833
Motor-starting switch.....	T. von Zweigbergk.....	836,427	Nov. 20	3045	646-7	125	850
Motor-support.....	E. Haskell.....	826,503	July 17	3703	767	123	974
Motor support. Fan.....	H. R. Wellman.....	834,695	Oct. 30	5611	1190	124	2767
Motor suspension.....	J. E. Webster.....	829,557	Aug. 28	3820	812	123	2732
Motor-wheel.....	I. J. Turner.....	811,599	Feb. 6	127	28	120	1513
Motor wheel. Water.....	B. B. Bush.....	817,546	Apr. 10	1992	420	121	1852
Motors and the like. Cylinder for internal-combustion.....	M. Thier.....	815,536	Feb. 27	4038	885	120	2514
Motors. Apparatus for operating reciprocating hydraulic.....	A. H. Johnson.....	833,931	Oct. 23	3928	833	124	2304
Motors. Apparatus for propelling rotary.....	J. M. Small.....	823,815	June 19	3173	671	122	2526
Motors. Circuit connection for and method of operating alternating.....	D. C. Jackson.....	823,220	June 12	2021	420-1	122	2217
Motors. Commutating alternating-current electric.....	H. Weichsel.....	828,077	Aug. 7	782	161	123	1864
Motors. Controlling the speed of.....	C. P. Steinmetz.....	819,613	May 1	1125	249	122	253
Motors. Device for synchronizing prime.....	F. Elliott.....	825,530	July 10	1737	365	123	467
Motors. Distant control of electric.....	H. F. Parshall.....	827,322	July 31	5381	1119	123	1432
Motors. Equalizing-winder for spring.....	C. Pfeiffer.....	809,130	Jan. 2	1010	208-9	120	222
Motors. Feeding and igniting mechanism for explosion.....	F. R. Lorenz.....	819,148	May 1	217	46	122	54
Motors. Flexible connection and suspension device for gearless.....	R. Siegfried.....	816,611	Apr. 3	142	29-30	121	1392
Motors. Flexible connection and suspension means for gearless.....	K. F. Elers.....	816,571	Apr. 3	30	8-9	121	1360
Motors. Flexible connection for gearless.....	R. Siegfried.....	816,610	Apr. 3	140	29	121	1391
Motors. Flexible connection for gearless.....	R. Siegfried.....	816,612	Apr. 3	145	30	121	1393
Motors from a distant point. Means for controlling electric.....	F. A. Willard.....	835,381	Nov. 6	1016	216-18	125	257
Motors. Governing continuous-current.....	G. Sautter.....	826,362	July 17	3380	699	123	886
Motors. Interconnected suspension means for gearless.....	R. Siegfried.....	812,891	Feb. 20	2737	602	120	2171
Motors. Limit-switch for electric.....	S. Burrows.....	838,681	Dec. 18	2802	602	125	2135
Motors. Operating electric.....	A. C. Eastwood.....	810,269	Jan. 16	3361	696	120	817
Motors or generators. Brush-holder for.....	F. L. Sessions.....	813,523	Feb. 27	4018	880	120	2509
Motors. System for variable-speed operation of alternating-current.....	B. G. Lamme.....	814,380	Mar. 6	769	155	121	170
Motors with compensation-wiring. Device for single-phase collector.....	R. Richter.....	831,101	Sept. 18	2444	515	124	671
Motors with lagging-jackets. Thermosensitive device for heat.....	W. M. Fulton.....	824,858	July 3	362	68	123	99
Motory manufacturing-machine. Automatic.....	F. L. Harison.....	814,004	Feb. 27	4952	1095-7	120	2706
Mount.....	E. S. Cheney.....	817,043	Apr. 3	986	202	121	1578
Mouse and rat trap. Self-setting.....	W. Mackel.....	829,960	Sept. 4	53	10	124	13
Mouse-trap.....	W. Kumpf.....	831,557	Sept. 25	3329	698	124	929
Mouth-organ.....	R. H. Deacon.....	833,156	Oct. 16	2284	480	124	1853
Mouthpiece.....	W. Seefeldt.....	828,979	Aug. 21	2572	544	123	2372
Movement-cure apparatus.....	J. H. Kellogg.....	835,622	Nov. 13	1482	316	125	418
Movement-starting mechanism.....	F. H. Richards.....	823,081	June 12	1715	353-4	122	2149
Movement-transmitting mechanism.....	W. B. Pearson and C. E. Roberts.....	827,661	July 31	6163	1280	123	1617
Moving goods. Means for.....	T. P. Rudkins.....	818,053	Apr. 17	2997	647	121	2127
Mower.....	P. Hanson.....	819,349	May 1	634	134-5	122	146
Mower.....	A. Pfund.....	834,320	Oct. 30	4873	1031	124	2579
Mower.....	C. Lorensen.....	835,447	Nov. 6	1149	248	125	289
Mower.....	W. Schultz.....	837,739	Dec. 4	930	209-10	125	1586
Mower and harvester.....	H. L. Hopkins.....	828,404	Aug. 14	1428	302	123	2050
Mower grass-collecting receptacle. Lawn.....	W. Boss.....	829,943	Sept. 4	11	3	124	4
Mower. Lawn.....	H. P. Terry.....	815,132	Mar. 13	2274	475	121	551
Mower. Lawn.....	W. H. Coldwell.....	817,157	Apr. 10	1205	251	121	1687
Mower. Lawn.....	T. S. Sayre.....	818,301	Apr. 17	3498	751	121	2234
Mower. Lawn.....	W. H. Coldwell.....	821,987	May 29	6006	1281	122	1569
Mower. Lawn.....	M. W. Townsend.....	824,761	July 3	130	25	123	38

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Mower. Lawn.....	A. C. Melton.....	825,473	July 10	1611	335	123	437
Mower. Lawn.....	J. H. Seip.....	832,169	Oct. 2	306	58	124	1287
Mower. Lawn.....	G. H. Bryan.....	833,996	Oct. 23	4179	886	124	2359
Mower or reaper guard-finger.....	F. Hamachek.....	821,635	May 29	5314	1134	122	1416
Mower or reaper guard-finger.....	F. Hamachek.....	827,724	Aug. 7	56	11	123	1684
Mowers. Cutting apparatus for.....	G. H. Bartlett.....	821,978	May 29	5992	1277	122	1565
Mowers. Grass-collector for lawn.....	L. Wildermuth.....	815,242	Mar. 13	2502	521	121	605
Mowers. Rotary cutter for lawn.....	A. B. Case.....	838,521	Dec. 18	2492	539	125	2059
Mowers. Side-delivery buncher for.....	N. G. Hanna.....	825,827	July 10	2362	493	123	622
Mowing-machine.....	R. G. Coates.....	815,981	Mar. 20	3414	713	121	853
Mowing-machine.....	S. D. Girmm.....	825,825	July 10	2357	492	123	621
Mowing-machine.....	I. Latyschew.....	831,359	Sept. 18	2933	622	124	792
Mowing-machine.....	J. T. Collins.....	832,535	Oct. 2	1030	206	124	1461
Mowing-machine.....	J. L. Tomer.....	834,646	Oct. 30	5515	1171	124	2742
Mowing-machine.....	P. Hanson.....	837,058	Nov. 27	4347	922-3	125	1206
Mowing-machine.....	G. Robinson and G. Cutsforth.....	838,904	Dec. 18	3205	692	125	2232
Mowing-machine attachment.....	J. P. Johnson.....	837,071	Nov. 27	4372	926	125	1212
Mowing-machine buncher attachment.....	N. G. Hanna.....	828,738	Aug. 14	2098	444-5	123	2222
Mowing-machine cutting apparatus.....	S. Davis.....	816,650	Apr. 3	221	51-2	121	1409
Mowing-machines. Automatic disengaging device for the knife-gear of.....	C. Dahl and C. Lund.....	821,612	May 29	5275	1125	122	1406
Mucilage-bottles. Moisture-supply cap for.....	S. L. Bailey.....	822,235	June 5	6	2	122	1730
Mud-guard.....	R. Newman.....	824,574	June 26	4652	989	122	2901
Mud-guard fastening.....	B. E. Thompson.....	817,203	Apr. 10	1306	272	121	1708
Muffle. Electric.....	E. Zell.....	819,625	May 1	1156	254	122	259
Muffle or furnace for annealing.....	A. Smallwood.....	833,640	Oct. 16	3297	701	124	2101
Muffle or furnace for annealing.....	A. Smallwood.....	833,641	Oct. 16	3300	701	124	2101
Muffler.....	G. E. Franquist.....	813,203	Feb. 20	3359	738	120	2307
Muffler.....	W. Hill and W. Dalgarno.....	816,231	Mar. 27	4554	969	121	1148
Muffler.....	E. P. Gray.....	820,566	May 15	3138	675	122	819
Muffler.....	L. J. Phelps.....	821,828	May 29	5717	1218	122	1505
Muffler.....	B. A. Gramm.....	823,115	June 12	1788	368	122	2165
Muffler.....	B. W. Snow.....	825,010	July 3	665	134	123	174
Muffler.....	A. F. Lungren.....	830,482	Sept. 4	1181	246	124	292
Muffler.....	S. E. Farmer.....	832,124	Oct. 2	208	42	124	1264
Muffler.....	H. S. Powell.....	833,241	Oct. 16	2474	518	124	1902
Muffler. Exhaust.....	L. T. Weiss.....	809,654	Jan. 9	2122	439	120	496
Muffler. Exhaust.....	W. R. Kahlenberg.....	810,542	Jan. 23	3970	818	120	988
Muffler. Exhaust.....	O. Goldman.....	830,660	Sept. 11	1569	323	124	422
Muffler. Neck.....	J. C. Scott.....	811,096	Jan. 30	5037	1052	120	1255
Mule and twiner. Self-acting.....	R. S. Heap and G. Grey.....	813,969	Feb. 27	4880	1078-9	120	2692
Multicolor-press.....	C. Williams.....	813,124	Feb. 20	3210	701-4	120	2277
Multiple bolt.....	J. H. Pretzman.....	809,628	Jan. 9	2064	428	120	485
Multiple-cylinder engine.....	H. E. Smallbone.....	821,546	May 22	5133	1094-5	122	1318
Multiple drill.....	C. H. Oslund.....	832,696	Oct. 9	1366	276	124	1581
Multiple drill.....	W. W. Doolittle.....	833,590	Oct. 16	3196	679-80	124	2078
Multiscope.....	S. J. Gibboney and J. W. Ryan.....	839,379	Dec. 25	4156	890	125	2512
Multispindle-machine. Self-acting.....	E. Widner-Abegg.....	809,594	Jan. 9	1991	413-14	120	469
Muscular or physical development. Apparatus for promoting.....	F. M. Cleasle.....	821,783	May 29	5622	1198	122	1484
Music-chart.....	A. R. Fitch.....	836,570	Nov. 20	3310	705	125	914
Music-holder.....	J. L. Dodge.....	817,550	Apr. 10	1999	421	121	1853
Music-holder.....	S. E. Buck.....	838,077	Dec. 11	1606	345-6	125	1797
Music holder and turner.....	E. S. Stem.....	823,707	June 19	2970	629	122	2482
Music holder and turner.....	E. S. Stem.....	823,708	June 19	2976	630	122	2483
Music-leaf turner.....	F. O. Moore.....	810,497	Jan. 23	3875	796	120	969
Music-leaf turner.....	F. J. Holoubek.....	810,943	Jan. 30	4772	993	120	1196
Music-leaf turner.....	J. and J. C. Bahl.....	811,993	Feb. 6	934	204-5	120	1679
Music-leaf turner.....	W. L. Caywood and E. M. Steele.....	813,617	Feb. 27	4197	921	120	2547
Music-leaf turner.....	C. E. Shuler.....	815,047	Mar. 13	2099	441	121	513
Music-leaf turner.....	T. Steventon.....	815,873	Mar. 20	3844	815	121	941
Music-leaf turner.....	J. A. Bitting.....	816,704	Apr. 3	311	72	121	1429
Music-leaf turner.....	R. P. Benedict.....	819,504	May 1	932	204	122	209
Music-leaf turner.....	I. L. Goodrich.....	826,240	July 17	3146	653	123	828
Music-leaf turner.....	N. Young.....	826,643	July 24	4012	831	123	1066
Music-leaf-turning device.....	E. C. Hennequin.....	837,833	Dec. 4	1094	243-4	125	1625
Music-leaf-turning stand.....	J. and J. C. Bahl.....	818,404	Apr. 24	3706	795-6	121	2334
Music. Mechanism for winding perforate sheet.....	J. W. Whitlock.....	837,991	Dec. 11	1417	307	125	1749
Music notation.....	W. E. Naunton.....	832,406	Oct. 2	777	150	124	1400
Music-playing mechanisms. Tracker mechanism for automatic.....	F. C. White and G. W. Haywood.....	822,033	May 29	6094	1298	122	1590
Music-rack.....	U. S. G. Waldron.....	838,825	Dec. 18	3066	660	125	2200
Music-recorder.....	E. C. Calvin.....	826,537	July 24	3793	785-6	123	1009
Music-roll.....	G. B. Kelly.....	822,280	June 5	108	22	122	1752
Music-roll.....	G. B. Kelly.....	832,065	Oct. 2	71	16	124	1229
Music-roll and adjustable driving-support therefor.....	H. P. Ball.....	810,606	Jan. 23	4098	844	120	1015
Music-roll-coupling device.....	E. S. Votey.....	829,185	Aug. 21	3034	635	123	2492
Music-roll-coupling device.....	E. S. Votey.....	832,641	Oct. 9	1257	253	124	1556
Music-roll-marking machine.....	P. J. Meahl.....	837,317	Dec. 4	78	21-2	125	1373
Music-rolls for self-playing piano attachments. Device for perforating.....	A. Rothermundt.....	824,208	June 26	3922	839	122	2747
Music-sheet and spool for self-playing musical apparatus.....	R. A. Gally.....	822,111	May 29	6241	1330	122	1623
Music-sheet for mechanical musical instruments. Perforated.....	G. Swift.....	837,517	Dec. 4	463	105-6	125	1471
Music-sheet holder.....	F. W. Barrows.....	830,197	Sept. 4	604	121	124	154
Music-sheet indicator.....	J. W. Heins.....	819,135	May 1	197	40-1	122	50
Music-sheets. Take-up roll for perforated.....	F. L. Wood.....	813,607	Feb. 27	4179	916	120	2543
Music-stand.....	J. A. Smith.....	824,596	June 26	4700	1000	122	2913
Music-stand. Folding.....	J. L. Gendron.....	824,733	July 3	192	34	123	56
Music-strip-perforating device.....	H. P. Ball.....	831,818	Sept. 25	3851	807-8	124	1067
Music-turner.....	C. Christiansen, F. F. Noll, and E. L. Buchanan.....	818,350	Apr. 17	3591	768	121	2253
Music turner. Sheet.....	A. Bissiri.....	834,874	Oct. 30	5977	1270	124	2859
Musical apparatus. Mechanical.....	J. H. Dickinson.....	819,985	May 8	1942	429	122	493
Musical apparatus. Mechanical.....	E. S. Votey.....	824,049	June 19	3621	771	122	2623

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Musical instrument.	H. Stockmeir.	809,539	Jan. 9	1881	390	120	447
Musical instrument.	W. B. Fleming.	811,912	Feb. 6	728	159-60	120	1639
Musical instrument.	A. M. Krueger.	812,049	Feb. 6	1040	226	120	1700
Musical instrument.	E. V. Molen.	815,854	Mar. 20	3803	804	121	934
Musical instrument.	A. A. Williams.	819,487	May 1	906	198	122	202
Musical instrument.	P. Wuest, Jr.	820,079	May 8	2164	471	122	545
Musical instrument.	O. H. Newman.	823,625	June 19	2819	598	122	2448
Musical instrument.	F. S. Brasor.	829,383	Aug. 28	3437	723	123	2636
Musical instrument.	F. Reinhard and P. Genchi.	831,471	Sept. 18	3142	666	124	846
Musical instrument.	N. B. Lawson.	835,958	Nov. 13	2093	447	125	560
Musical instrument.	J. McTammany.	839,183	Dec. 25	3773	814-15	125	2420
Musical instrument attachment.	J. O. Houser.	811,295	Jan. 30	5456	1137	120	1345
Musical instrument. Automatic.	W. H. Rees.	825,277	July 3	1162	246	123	303
Musical instrument. Automatic.	J. H. Chase and W. F. Bayer.	832,295	Oct. 2	560	106	124	1349
Musical instrument. Automatic.	M. S. Wright.	833,362	Oct. 16	2714	573	124	1965
Musical instrument. Automatic.	W. K. L. Dickson.	835,604	Nov. 13	1451	310-11	125	410
Musical instrument. Automatic self playing and teaching.	E. E. Barakat.	836,003	Nov. 13	2163	463-4	125	582
Musical instrument. Autopneumatic.	W. Crippen.	808,903	Jan. 2	564	124-5	120	124
Musical instrument brace.	W. Saighman.	827,183	July 31	5129	1065	123	1362
Musical instrument bridge. Stringed.	R. H. Payne.	809,459	Jan. 9	1733	358	120	414
Musical instrument. Electric.	M. L. Severy and G. B. Sinclair.	814,878	Mar. 13	1755	367	121	441
Musical instrument. Electrically actuated and controlled self-playing.	G. H. Davis.	812,117	Feb. 6	1157	255	120	1724
Musical instrument. Keyboard.	P. B. Klugh.	833,060	Oct. 9	2084	439	124	1754
Musical instrument. Mechanical.	C. A. Kuster.	817,856	Apr. 17	2594	559-61	121	2038
Musical instrument. Mechanical.	C. L. Davis. (Reissue)	12,476	May 1	1321	287	122	297
Musical instrument. Mechanical.	P. Wuest, Jr.	820,080	May 8	2166	471-2	122	546
Musical instrument. Mechanical.	W. H. Hoschke.	822,666	June 5	869	178-9	122	1920
Musical instrument. Mechanical.	E. S. Votey.	825,948	July 17	2587	537-8	123	691
Musical instrument. Mechanical.	E. S. Votey.	826,754	July 24	4226	877	123	1122
Musical instrument. Mechanical.	J. McTammany.	827,384	July 31	5499	1143	123	1450
Musical instrument. Mechanical.	L. B. Doman.	829,857	Aug. 28	4450	940	123	2886
Musical instrument. Mechanical.	W. F. Cooper.	833,026	Oct. 9	2011	421-4	124	1736
Musical instrument. Mechanical.	G. P. Brand.	833,995	Oct. 23	4172	885-6	124	2358
Musical instrument or player. Automatic.	P. B. Klugh.	833,967	Oct. 23	4095	873	124	2337
Musical instrument player.	E. S. Votey.	829,184	Aug. 21	3031	633-4	123	2491
Musical instrument player. Automatic.	F. A. Pilcher.	814,725	Mar. 13	1464	307	121	380
Musical instrument player. Mechanical.	L. U. Jobs.	810,057	Jan. 16	2932	610-11	120	729
Musical instrument player. Portable.	E. S. Votey.	824,050	June 19	3625	772	122	2624
Musical instrument. Pneumatic self-playing.	L. B. Doman.	814,679	Mar. 13	1373	287	121	358
Musical instrument. Pneumatically-actuated.	F. S. Votey.	814,176	Mar. 6	338	69	121	74
Musical instrument reed-holder.	E. D. Snodgrass.	828,145	Aug. 7	901	185	123	1892
Musical instrument. Self-playing.	L. B. Doman.	814,678	Mar. 13	1372	287	121	358
Musical instrument. Self-playing.	H. W. Shonnard.	824,315	June 26	4112	880-1	122	2788
Musical instrument solo attachment.	F. A. Pilcher.	815,978	Mar. 27	4034	854	121	1034
Musical instrument. String.	F. P. Alexander.	808,802	Jan. 2	358	77	120	80
Musical instrument. Stringed.	E. A. Randall.	818,289	Apr. 17	3468	746	121	2228
Musical instrument. Stringed.	L. C. Smith.	824,316	June 26	4119	881	122	2789
Musical instrument. Stringed.	E. Sprotte.	826,379	July 17	3409	706-7	123	893
Musical instrument support.	E. S. Votey.	819,962	May 8	1884	416	122	481
Musical instrument transposer.	T. W. Kloman.	810,949	Jan. 30	4779	995	120	1198
Musical instrument. Wind.	F. A. Buescher.	826,473	July 17	3590	748	123	938
Musical instruments. Action for mechanical.	A. Zollinger.	813,480	Feb. 27	3926	861	120	2487
Musical instruments. Action for stringed.	C. E. King.	819,556	May 1	1022	224	122	230
Musical instruments. Automatic player for.	J. H. Chase and W. F. Bayer.	828,877	Aug. 21	2375	504-6	123	2322
Musical instruments. Automatic playing attachment for.	P. Welin.	825,784	July 10	2287	475	123	603
Musical instruments. Bench for use in playing.	J. W. Sutton.	820,745	May 15	3461	742	122	890
Musical instruments. Bench for use in playing.	J. W. Sutton.	822,701	June 5	952	195	122	1939
Musical instruments. Blower for.	I. H. Spencer.	835,570	Nov. 13	1380	296	125	393
Musical instruments. Body-rest for.	J. W. Hughes.	821,803	May 29	5665	1207-8	122	1494
Musical instruments. Crescendo and diminuendo apparatus for mechanical.	W. F. Cooper.	832,571	Oct. 2	1095	220-1	124	1477
Musical instruments. Device for testing strings for.	C. W. Hoggard.	814,541	Mar. 6	1087	225	121	236
Musical instruments. Electromagnetic mechanism for.	G. H. Davis.	829,511	Aug. 28	3730	792	123	2710
Musical instruments. Expression-controlling device for.	C. S. Burton.	822,098	May 29	6216	1325-6	122	1618
Musical instruments. Expression mechanism for mechanically-operated.	G. H. Davis.	824,343	June 26	4168	892	122	2798
Musical instruments. Machine for perforating paper and metal sheets for use in playing.	W. W. Colley.	834,193	Oct. 23	4607	977-8	124	2468
Musical instruments. Means for governing the tempo in mechanical.	W. D. Moses, (now W. M. Davis).	814,521	Mar. 6	1042	216	121	227
Musical instruments. Mounting for keys of.	C. Pekat.	821,533	May 22	5112	1089	122	1314
Musical instruments. Movable tracker for mechanical.	E. S. Votey.	829,186	Aug. 21	3036	635	123	2492
Musical instruments. Music sheet or paper for mechanically-operated.	T. W. Smillie.	827,123	July 31	4963	.....	123	1315
Musical instruments or players. Accent and expression regulating means for automatic.	P. B. Klugh.	827,068	July 24	4832	1006-7	123	1269
Musical instruments. Playing apparatus for.	L. B. Doman.	814,676	Mar. 13	1362	285-7	121	357
Musical instruments. Pneumatic action for.	F. W. Wood.	821,568	May 22	5171	1104	122	1326
Musical instruments. Pneumatic action for mechanical.	W. F. Cooper.	826,833	July 24	4360	908	123	1155
Musical instruments. Pneumatic-action of.	M. S. Wright.	809,039	Jan. 2	814	175	120	179
Musical instruments. Pneumatic for.	J. Binnig.	829,941	Sept. 4	4	1-2	124	3
Musical instruments. Pneumatic playing apparatus for.	L. B. Doman.	814,677	Mar. 13	1368	287	121	357
Musical instruments. Straining-hook for.	A. G. Soistmann.	816,754	Apr. 3	395	90	121	1446
Musical instruments. Tracker and associated parts for mechanical.	E. S. Votey.	826,753	July 24	4224	877	123	1121
Musical instruments. Tracker-bar for pneumatic players for.	G. P. Brand.	835,776	Nov. 13	1764	376	125	487
Musical instruments. Tracker-board for mechanical.	H. P. Ball.	837,910	Dec. 11	1253	275	125	1708

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Musical instruments. Tracker for automatic.	F. C. White.	825,629	July 10	1990	415	123	531
Musical instruments. Tuner for stringed.	A. Shutt.	834,416	Oct. 30	5069	1074	124	2628
Musical instruments. Variation-indicator for automatic.	M. Clark.	830,302	Sept. 4	815	167	124	204
Musical notation.	A. C. Davis.	828,020	Aug. 7	662	136	123	1835
Musical transposition-chart.	R. C. Burton.	815,403	Mar. 20	2886	600	121	735
Musical wind instrument.	E. Harrison.	832,257	Oct. 2	490	92	124	1331
Musical wind instrument.	J. S. Barlow.	838,494	Dec. 11	2425	526	125	1998
Mutoscope.	H. H. Eldredge and C. J. Doty.	822,438	June 5	399	83	122	1811
Muzzle.	A. W. Swender.	836,413	Nov. 20	3011	638	125	842
Muzzle. Animal-Nail.	F. W. Lathrop.	839,301	Dec. 25	4008	861	125	2476
See Scaffold-nail.							
Nail.	J. L. Scott.	831,303	Sept. 18	2838	600	124	769
Nail and rivet delivering machine.	J. A. Milhiken.	813,162	Feb. 20	3286	722-3	120	2292
Nail-box.	J. Schuster.	835,713	Nov. 13	1641	349	125	457
Nail cap-plate.	G. R. Wyman.	816,522	Mar. 27	5170	1097	121	1281
Nail cleaner. Pocket finger.	W. F. Gilbert.	810,744	Jan. 23	4337	902	120	1069
Nail-clipper.	A. H. Friese.	810,402	Jan. 23	3682	758	120	922
Nail-coating machine.	C. Waggoner.	837,161	Nov. 27	4545	964	125	1253
Nail-driving implement.	C. Prangemeier.	827,392	July 31	5521	1149	123	1457
Nail-extractor.	J. A. Houlihan.	830,072	Sept. 4	324	65	124	79
Nail-file.	A. Henkel.	825,212	July 3	1047	221	123	274
Nail-machine.	W. J. Costello.	824,976	July 3	601	120-1	123	159
Nail machine. Wire.	H. E. Schnabel.	831,109	Sept. 18	2455	518-20	124	674
Nail-making machine.	J. K. Neubauer.	815,305	Mar. 13	2620	549	121	631
Nail or screw for securing corrugated iron.	J. B. Davies.	821,025	May 22	4110	874	122	1094
Nail-puller.	W. F. Hobbs.	809,803	Jan. 9	2392	495	120	559
Nail-receptacle.	M. A. Salmon.	818,978	Apr. 24	4855	1043	121	2582
Nail. Secret.	W. J. Boda.	808,968	Jan. 2	700	151	120	154
Nail-sorting machine.	W. H. Johnson.	833,688	Oct. 16	3391	722	124	2122
Nails. Making cement-coated.	J. M. Dix.	838,526	Dec. 18	2500	541	125	2061
Nails on a helical line. Implement for driving.	M. Alexandrescu.	839,359	Dec. 25	4118	884	125	2503
Nails, rivets, &c. Machine for making.	A. Charles.	837,384	Dec. 4	213	52-4	125	1409
Nailing implement.	J. Malmgren.	825,141	July 3	895	189	123	236
Nailing implement.	J. Malmgren.	834,214	Oct. 23	4648	986	124	2479
Nailing-machine.	H. W. Morgan.	816,350	Mar. 27	4823	1021-3	121	1206
Nailing-machine.	T. J. M. Theurel.	819,471	May 1	874	190-1	122	196
Nailing-machine.	A. F. Preston.	822,867	June 5	1262	260	122	2002
Name-holder. Adjustable.	H. Sampson.	833,247	Oct. 16	2482	520	124	1904
Naphtha, &c., from oil or other liquids. Apparatus for separating.	E. R. Edson.	824,104	June 26	3708	791-2	122	2700
Napkin-holder.	J. Simpson.	823,704	June 19	2968	628	122	2482
Napkin-holder.	G. W. Peters.	836,458	Nov. 20	3106	659	125	864
Napkin-pin.	S. O. Hiekok and R. W. McLain.	826,334	July 17	3329	688	123	874
Napkin. Sanitary.	P. S. Bauer.	808,624	Jan. 2	12	3	120	5
Napping-machine.	H. S. Greene.	810,273	Jan. 16	3374	698	120	819
Nasal passages. Device for treating the.	E. Baum.	820,948	May 22	3926	836	122	1054
Nasal shield.	T. Carence.	810,617	Jan. 23	4120	851	120	1021
Nebulizer.	A. C. Eggers.	824,471	June 26	4455	945	122	2858
Neck-pad.	C. J. Lord.	830,906	Sept. 11	2033	428	124	542
Necktie.	C. W. T. Davies.	817,364	Apr. 10	1612	341	121	1773
Necktie.	F. L. Hill.	821,289	May 22	4614	984	122	1205
Necktie.	J. F. Sweeney and H. Lutz.	830,863	Sept. 11	1957	410	124	525
Necktie.	W. O. Pierce.	833,083	Oct. 9	2127	448	124	1767
Necktie-fastener.	A. Swanson.	811,455	Jan. 30	5740	1202	120	1404
Necktie-fastener.	W. A. Bennett.	829,053	Aug. 21	2732	573	123	2414
Necktie-fastener.	T. Seiler.	836,837	Nov. 27	3876	826-7	125	1092
Necktie-frame.	T. J. Lumis.	818,972	Apr. 24	4841	1040	121	2578
Necktie-holder.	S. L. Worcester.	834,856	Oct. 30	5944	1262	124	2850
Necktie-holder.	R. T. Leclerc.	836,979	Nov. 27	4172	889	125	1162
Necktie-shield.	W. H. Hart, Jr.	839,582	Dec. 25	4568	974	125	2612
Necktie-supporter.	J. R. Knowles.	831,878	Sept. 25	4013	835	124	1108
Needle.	E. J. Playfoot.	837,880	Dec. 4	1188	263	125	1649
Needle, &c.	T. A. Edwards.	818,152	Apr. 17	3199	688	121	2171
Needle and pin holder.	F. B. Metzger.	830,609	Sept. 11	1437	299	124	384
Needle and thread case. Combined.	C. J. Ekberg.	837,813	Dec. 4	1058	236	125	1616
Needle-bath apparatus.	S. J. Jackson.	833,527	Oct. 16	3066	651	124	2046
Needle-cushion for spools.	A. C. Loomis.	830,087	Sept. 4	357	71	124	86
Needle-lever bearing.	D. W. Corey.	822,884	June 5	1292	266	122	2009
Needle. Tape.	G. B. Payne.	833,799	Oct. 23	3614	773	124	2223
Needle-threader and pincushion.	H. G. Wilmerling.	825,095	July 3	809	168	123	216
Nest.	W. M. Bunsen.	820,952	May 22	3932	837	122	1056
Nest.	E. F. Fisher.	831,423	Sept. 18	3054	647	124	824
Nest. Automatic hen's.	A. J. Abshier.	811,891	Feb. 6	687	150	120	1630
Nest-box.	J. W. Edwards.	827,516	July 31	5864	1214	123	1540
Nest for laying hens. Trap.	C. B. Williams.	809,038	Jan. 2	811	175	120	179
Nest. Hen's.	C. T. Reid.	809,528	Jan. 9	1859	386	120	442
Nest. Hen's.	F. Lieske.	811,156	Jan. 30	5176	1081	120	1283
Nest. Hen's.	A. Lucia.	827,545	July 31	5924	1228	123	1554
Nest. Hen's.	C. E. Knudson.	828,751	Aug. 14	2122	448-9	123	2227
Nest. Hen's.	J. and T. Pickering.	829,426	Aug. 28	3519	739	123	2657
Nest. Hen's.	W. D. Surface.	832,095	Oct. 2	136	29	124	1245
Nest. Hen's.	P. G. Townsend.	833,262	Oct. 16	2515	525	124	1912
Nest. Hen's.	J. A. Bickerdike.	839,262	Dec. 25	3932	845	125	2457
Nest. Poultry.	A. C. Chase.	827,709	Aug. 7	24	6	123	1676
Nest. Trap.	H. G. Leisenring.	828,224	Aug. 7	1045	220	123	1926
Nest. Trap.	R. P. Crowder and R. B. Wheeler.	837,285	Dec. 4	28	10	125	1361
Net.	H. J. Hughes.	827,868	Aug. 7	349	74	123	1757
Net. Fly.	W. Kootz and W. Erdmann.	839,603	Dec. 25	4605	983	125	2622
Net frame. Landing.	H. B. Carlton.	815,144	Mar. 13	2301	481	121	557
Net. Horse fly.	A. Hobt.	812,267	Feb. 13	1539	335	120	1877
Net. Landing.	L. French and B. T. Reilly.	823,113	June 12	1782	367	122	2163
Net-making machine.	A. O. and G. Hammer.	809,611	Jan. 9	2035	422-3	120	479
Newspaper and other printed matter. Transferring.	W. F. Barrett.	829,193	Aug. 21	3047	638	123	2496
Nickel from copper. Separation of.	R. R. Maffett.	838,125	Dec. 11	1696		125	1821

Alphabetical list of inventions--Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Nickel from nickel carbonyl. Apparatus for obtaining	C. Langer	825,844	July 10	2395	499	123	631
Nippers	J. N. Nettleton	821,183	May 22	4408	938	122	1160
Nippers	G. E. Lunbeck	828,755	Aug. 14	2128	450	123	2229
Nipple connection and valve-opener	W. S. Stapley	838,219	Dec. 11	1902	408	125	1872
Nipple for nursing-bottles	M. E. Knauff	815,435	Mar. 20	2948	612	121	750
Nitrogen compounds. Electrochemical process of producing	J. W. Wood	826,301	July 17	3257	674	123	856
Nitrogen. Preparing and growing and distributing organisms which fix or gather atmospheric	G. H. Earp-Thomas	816,850	Apr. 3	598		121	1491
Nitrogen-producing apparatus. Pure-	C. Linde	815,601	Mar. 20	3239	680	121	813
Non-refillable box	F. E. Phillips	822,766	June 5	1064	218	122	1962
Non-siphon trap	R. Hadden and C. Senn	839,136	Dec. 25	3687	795	125	2399
Non-siphoning trap	E. A. Cleland	817,469	Apr. 10	1843	386	121	1821
Noodle-cutter	W. N. Foust	818,426	Apr. 24	3748	805	121	2343
Noodle-dough-cutting apparatus	S. Mueller	814,862	Mar. 13	1723	360-1	121	434
Noodle-machine	H. Herschel	828,207	Aug. 7	1011	211	123	1918
Nose-bag	C. B. Howard	831,000	Sept. 11	2197	464	124	581
Nose-ring. Animal	R. I. Teeter	816,194	Mar. 27	4491	953	121	1135
Notch-cutting machine	L. W. Marshall	831,883	Sept. 25	4023	838	124	1111
Nozzle	J. Henderson	814,694	Mar. 13	1412	293	121	368
Nozzle	C. K. Pickles	820,668	May 15	3315	711	122	858
Nozzle-coupling	P. Paterson and W. Gregory	825,480	July 10	1619	337	123	440
Nozzle. Distributing	H. F. Newman	822,546	June 5	614	123	122	1862
Nozzle. Exhaust	C. S. Mills	822,216	May 29	6445	1369	122	1670
Nozzle. Fluid	J. D. Isaacs and J. B. Speed	835,619	Nov. 13	1478	316	125	417
Nozzle for leaching-vats	F. W. Allen	835,928	Nov. 13	2041	436	125	553
Nozzle-holder	C. S. Northrop	829,084	Aug. 21	2795	588	123	2431
Nozzle. Spraying	C. A. Koepnick	836,931	Nov. 27	4086	872	125	1141
Nozzles. Hydraulic support for deflecting	G. J. Henry, Jr.	810,756	Jan. 23	4361	906	120	1075
Number-indicating machines. Driving mechanism for	H. T. Goss	831,057	Sept. 18	2331	491-2	124	647
Numbering and recording machine. Geneva-gear	C. B. Smith	825,162	July 3	941	199	123	247
Numbering and stamping machine	J. D. Humphrey	817,420	Apr. 10	1756	369	121	1802
Numbering device	H. E. Fine	833,377	Oct. 16	2746	578	124	1973
Numbering-machine	L. K. Scottford	815,124	Mar. 13	2251	472-3	121	546
Numbering-machine	W. C. Downing	829,260	Aug. 21	3181	669	123	2529
Numbering-machine	P. R. Dill	836,742	Nov. 27	3701	789	125	1047
Numbering-machine. Plunger-operating	E. G. Bates	834,556	Oct. 30	5317	1129	124	2692
Numbering-machine. Typographic	J. A. Loyster	830,445	Sept. 4	1102	231	124	272
Numbering streets in irregular cities. Plan for	F. E. Cudell	811,385	Jan. 30	5620	1176	120	1380
Nut	M. Schubert and O. Rechnitz	815,982	Mar. 27	4046	856	121	1037
Nut and bolt lock	S. C. Kindig	826,037	July 17	2758	571	123	736
Nut and bolt lock	P. Bulger	830,964	Sept. 11	2127	450	124	564
Nut and bolt. Self-locking	L. M. Sartain	838,462	Dec. 11	2373	514	125	1987
Nut. Axle lock	J. G. Bowles	824,776	July 3	181	32	123	53
Nut-cracker	J. B. P. Miller	827,648	July 31	6129	1273	123	1609
Nut-cracking machine	R. E. Woodson	831,589	Sept. 25	3389	712	124	945
Nut-fastening device. Wagon	L. G. Huntley	821,497	May 22	5047	1075	122	1300
Nut for bolts. Frictional lock	G. Bryar	838,948	Dec. 18	3276	708	125	2248
Nut-grinding device	J. Miller, Jr.	828,563	Aug. 14	1759	370	123	2136
Nut-lock	H. R. Romberger	810,084	Jan. 16	2970	620	120	738
Nut-lock	H. H. Edgerle	810,523	Jan. 23	3936	809	120	981
Nut-lock	J. C. Weems	811,011	Jan. 30	4897	1021	120	1224
Nut-lock	L. A. Hall	811,916	Feb. 6	735	161	120	1640
Nut-lock	J. W. Franklin	812,035	Feb. 6	1017	222	120	1695
Nut-lock	J. Schmitt	812,299	Feb. 13	1602	352	120	1891
Nut-lock	J. W. Koch	812,429	Feb. 13	1842	404	120	1941
Nut-lock	R. G. Jahnke	812,497	Feb. 13	1969	432	120	1967
Nut-lock	M. Omaha	812,591	Feb. 13	2170	475	120	2008
Nut-lock	A. B. Allen	813,031	Feb. 20	3017	664	120	2232
Nut-lock	J. Peters	813,168	Feb. 20	3295	725	120	2294
Nut-lock	H. Seeger	813,242	Feb. 20	3434	757	120	2322
Nut-lock	J. H. Butterfield	814,516	Mar. 6	1036	214	121	226
Nut-lock	W. R. Mecherle	814,555	Mar. 6	1112	231	121	241
Nut-lock	H. P. Watson	815,497	Mar. 20	2047	636	121	771
Nut-lock	J. E. Glenn	815,524	Mar. 20	3102	648	121	783
Nut-lock	F. T. Leatherman	815,541	Mar. 20	3138	656	121	791
Nut-lock	J. M. Scott	816,044	Mar. 27	4180	886	121	1069
Nut-lock	C. A. Allen	816,143	Mar. 27	4389	928	121	1114
Nut-lock	W. McCause	818,635	Apr. 24	4177	899	121	2434
Nut-lock	C. E. Palmer	818,911	Apr. 24	4722	1013	121	2552
Nut-lock	L. Payne	818,913	Apr. 24	4725	1014	121	2553
Nut-lock	G. Harwell	819,225	May 1	384	81	122	91
Nut-lock	A. Kootz and E. E. Schirmer	819,288	May 1	513	108	122	119
Nut-lock	J. Strack	819,947	May 8	1812	392	122	468
Nut-lock	J. E. Taylor	820,324	May 8	2632	573	122	649
Nut-lock	C. M. Schooley and O. N. Casey	822,989	June 12	1507	314	122	2106
Nut-lock	G. B. Sherwood	823,229	June 12	2045	425	122	2224
Nut-lock	W. N. Keen	823,876	June 19	3288	698	122	2553
Nut-lock	J. T. Taylor	824,047	June 19	3619	770	122	2622
Nut-lock	N. Howell	824,078	June 19	3671	782	122	2634
Nut-lock	J. W. Gilbert	824,177	June 26	3851	822	122	2731
Nut-lock	F. S. Di Vito and A. Meyn	824,219	June 26	3939	844	122	2751
Nut-lock	B. Moore	825,233	July 3	1083	229	123	282
Nut-lock	O. H. Welch	825,628	July 10	1990	415	123	531
Nut-lock	E. C. Billings	825,802	July 10	2318	483	123	611
Nut-lock	J. L. McSpadden, H. L. Wilkie, and W. H. Lewis	826,186	July 17	3040	631	123	805
Nut-lock	J. G. Campau	826,402	July 17	3449	716	123	902
Nut-lock	M. Mohr	826,531	July 24	3308	810	123	1039
Nut-lock	I. N. Crossland	826,710	July 24	4139	860	123	1099
Nut-lock	A. M. Moylan	826,734	July 24	4181	868	123	1108
Nut-lock	G. H. Spence	826,968	July 24	4622	963	123	1219
Nut-lock	B. Watts	827,198	July 31	5151	1069	123	1368
Nut-lock	R. H. Bowers	827,289	July 31	5320	1102	123	1407

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Nut-lock.....	J. N. Pollock and N. W. Deruelle..	827,562	July 31	5949	1234	123	1560
Nut-lock.....	W. Burton.....	827,615	July 31	6061	1258	123	1591
Nut-lock.....	I. J. Griffin.....	827,629	July 31	6088	1262	123	1598
Nut-lock.....	H. B. Eareckson.....	827,908	Aug. 7	411	88	123	1772
Nut-lock.....	J. J. Potter.....	827,941	Aug. 7	491	101	123	1793
Nut-lock.....	T. Cronin.....	828,019	Aug. 7	661	135	123	1834
Nut-lock.....	B. W. Dicken.....	828,096	Aug. 7	824	171	123	1874
Nut-lock.....	L. W. Laye, J. H. Phillips, and J. Bevan.	828,129	Aug. 7	877	180	123	1887
Nut-lock.....	H. McLaughlin.....	828,332	Aug. 14	1300	275	123	2017
Nut-lock.....	A. M. Konkle and J. C. Anderson.	828,487	Aug. 14	1609	340	123	2097
Nut-lock.....	F. M. Henry and J. M. Powers.....	829,209	Aug. 21	3078	647	123	2503
Nut-lock.....	A. A. Jones.....	829,216	Aug. 21	3093	650	123	2507
Nut-lock.....	J. V. Berry.....	829,363	Aug. 21	3391	715	123	2579
Nut-lock.....	W. H. Long.....	829,407	Aug. 28	3476	731	123	2646
Nut-lock.....	G. W. Libby.....	829,591	Aug. 28	3894	825	123	2751
Nut-lock.....	J. L. Lusher.....	829,982	Sept. 4	140	23	124	34
Nut-lock.....	E. A. Doty.....	830,055	Sept. 4	292	59	124	71
Nut-lock.....	W. H. Harlow.....	830,589	Sept. 11	1408	291	124	377
Nut-lock.....	G. W. Jones.....	830,595	Sept. 11	1419	294	124	379
Nut-lock.....	C. E. Hill.....	830,787	Sept. 11	1818	377	124	488
Nut-lock.....	A. H. Knopf.....	831,009	Sept. 11	2215	468	124	585
Nut-lock.....	M. J. Harwood.....	831,281	Sept. 18	2797	590	124	758
Nut-lock.....	S. M. Barkley.....	831,405	Sept. 18	3014	640	124	812
Nut-lock.....	W. E. Louden.....	831,449	Sept. 18	3099	656	124	834
Nut-lock.....	J. Cookerley.....	831,602	Sept. 25	3422	718	124	954
Nut-lock.....	O. J. Russell.....	831,747	Sept. 25	3724	779	124	1036
Nut-lock.....	H. H. Smith.....	831,806	Sept. 25	3830	802	124	1062
Nut-lock.....	J. J. Chapman.....	831,928	Sept. 25	4109	856	124	1131
Nut-lock.....	S. N. Pond.....	832,807	Oct. 9	1594	327	124	1634
Nut-lock.....	P. Lord.....	832,865	Oct. 9	1723	355	124	1667
Nut-lock.....	H. H. Hawley.....	832,908	Oct. 9	1803	372	124	1686
Nut-lock.....	J. R. Penny.....	832,998	Oct. 9	1966	411	124	1725
Nut-lock.....	W. J. McGuire.....	833,409	Oct. 16	2820	597	124	1989
Nut-lock.....	A. H. Knopf.....	833,530	Oct. 16	3071	652	124	2047
Nut-lock.....	S. T. Simmons.....	834,330	Oct. 30	4891	1036	124	2584
Nut-lock.....	S. Matthes.....	834,530	Oct. 30	5272	1120	124	2682
Nut-lock.....	R. J. Kideney.....	834,579	Oct. 30	5367	1139	124	2704
Nut-lock.....	C. M. Jackson.....	834,730	Oct. 30	5674	1204	124	2783
Nut-lock.....	W. S. Mason.....	834,922	Nov. 6	89	18	125	26
Nut-lock.....	E. P. Dilley.....	835,940	Nov. 13	2064	441	125	559
Nut-lock.....	D. Tarbox.....	836,152	Nov. 20	2480	521	125	713
Nut-lock.....	A. R. Keene.....	836,507	Nov. 20	3185	674	125	886
Nut-lock.....	F. H. Fellows.....	837,209	Nov. 27	4626	983	125	1274
Nut-lock.....	F. Uhl.....	837,436	Dec. 4	318	76	125	1435
Nut-lock.....	A. W. Lewis.....	837,629	Dec. 4	699	161	125	1528
Nut-lock.....	C. C. Moffet.....	837,945	Dec. 11	1314	289	125	1722
Nut-lock.....	J. C. Gible.....	838,020	Dec. 11	1408	317	125	1762
Nut-lock.....	W. F. Hise.....	838,114	Dec. 11	1679	362	125	1817
Nut-lock.....	J. H. Magill and H. H. Polson.....	838,558	Dec. 18	2559	553	125	2076
Nut-lock.....	H. T. Moler.....	838,734	Dec. 18	2883	621	125	2155
Nut-lock.....	C. N. Treadwell.....	838,917	Dec. 18	3226	697	125	2236
Nut-lock.....	M. Van Boxel.....	839,235	Dec. 25	3882	834	125	2445
Nut-lock.....	F. S. Fluke and F. P. Vaughan.....	839,281	Dec. 25	3971	853	125	2466
Nut-lock.....	W. M. Smith.....	839,790	Dec. 25	4997	1067	125	2718
Nut. Lock.....	W. L. Roberts.....	811,093	Jan. 30	5030	1051	120	1253
Nut. Lock.....	C. Rystrom.....	811,957	Feb. 6	853	188	120	1662
Nut. Lock.....	H. H. Crawford.....	812,185	Feb. 13	1364	296	120	1837
Nut. Lock.....	E. W. Treatt.....	818,584	Apr. 24	4064	872	121	2408
Nut. Lock.....	H. Steinert and M. Schimelpfen-nig.	818,921	Apr. 24	4741	1018	121	2557
Nut. Lock.....	W. C. Matteson.....	819,902	May 8	1726	371	122	450
Nut. Lock.....	H. J. Baker.....	821,695	May 29	5445	1160	122	1422
Nut. Lock.....	P. E. Bagge.....	830,956	Sept. 11	2114	447	124	560
Nut-lock. Automatic.....	J. T. Clark.....	809,044	Jan. 2	829	177	120	183
Nut lock. Gland.....	V. L. Allebach.....	838,833	Dec. 18	3076	663	125	2202
Nut. Lock washer.....	F. Swarthout.....	820,941	May 15	3902	832	122	988
Nut-locks. Machine for making tail.	A. T. Richardson.....	838,276	Dec. 11	2024	436	125	1899
Nut. Locking.....	L. Steinberger.....	825,085	July 3	792	165	123	212
Nut-locking device.....	A. Kootz and E. E. Schirmer.....	819,289	May 1	514	108	122	119
Nut-locking device.....	W. H. Freemantle.....	831,335	Sept. 18	2891	613	124	782
Nut-making machine.....	P. G. Truebe.....	837,435	Dec. 4	315	75-6	125	1435
Nut. Self-locking.....	L. M. Gallier.....	814,199	Mar. 6	383	78	121	84
Nut-tapping machine.....	S. H. Hintlian.....	810,054	Jan. 16	2925	609	120	727
Nut-tapping machine.....	J. J. Harris and A. A. Prior.....	812,422	Feb. 13	1831	401-2	120	1938
Nut-tapping machine.....	W. M. McKenzie.....	823,225	June 12	2036	423	122	2222
Nut tapping or screwing machine.	J. M. Ralston.....	821,376	May 22	4811	1022	122	1250
Nut. Wing.....	A. S. Reed.....	812,294	Feb. 13	1591	349	120	1889
Nut wrench.....	R. R. Crouse.....	838,086	Dec. 11	1626	350	125	1803
Nut wrench. Axle.....	C. E. Slater.....	816,191	Mar. 27	4481	949	121	1133
Nut wrench for vehicles. Hub-	T. O'Hora.....	837,493	Dec. 4	424	96	125	1461
Nut wrench or spanner.....	A. S. Mathieson.....	835,194	Nov. 6	641	132	125	163
Nuts. Ball-bearing gland for packing.	W. W. Hicks.....	833,784	Oct. 23	3571	763	124	2213
Nuts. Making hexagonal.....	G. Dunham.....	834,372	Oct. 30	4987	1055	124	2609
Nuts. Manufacture of.....	W. L. Ward.....	833,187	Oct. 16	2357	493	124	1872
Nuts. Manufacture of.....	W. L. Ward.....	833,188	Oct. 16	2358	493-4	124	1873
Nuts. Manufacture of.....	O. Briede.....	819,844	May 8	1619	345	122	426
Nuts. Means for the protection of screw-	P. Fewson.....	821,285	May 22	4607	982	122	1203
Nuts on bolts. Device to lock.....	L. E. Darst and W. H. Harrelson.	835,217	Nov. 6	684	141	125	174
Nuts upon rail-securing bolts. Machine for placing and removing	W. E. N. Baisley.....	819,398	May 1	738	156	122	167
Nutritive preparation.....	C. Köhler.....	814,968	Mar. 13	1919	.....	121	475
Oar.....	L. E. Noble.....	819,792	May 8	1522	323	122	403
Oar.....	D. P. Senger.....	829,899	Aug. 28	4532	955	123	2905
Oar. Bow-facing.....	F. L. Buff.....	808,720	Jan. 2	197	43	120	46
Oar. Bow-facing.....	J. Petrich and L. Duloves.....	823,075	June 12	1690	349-50	122	2143

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Oar. Bow-facing.....	J. W. Wagner and H. Shenk.....	825,780	July 10	2280	474	123	602
Oar. Bow-facing.....	N. Gagnon.....	830,828	Sept. 11	1892	395	124	507
Oar. Bow-facing.....	W. C. Case.....	833,730	Oct. 23	3466	740	124	2187
Oar-lock.....	A. Anderson.....	813,762	Feb. 27	4462	986	120	2604
Oar-lock.....	G. Holt.....	813,896	Feb. 27	4744	1048	120	2665
Oar-lock.....	C. E. Monroe.....	831,971	Sept. 25	4187	874	124	1151
Oar-lock. Automatic feathering.....	W. H. E. Pendleton.....	826,058	July 17	2804	581	123	747
Observation-tower.....	C. H. Cooley.....	827,214	July 31	5179	1075	123	1375
Observation-tower. Submarine.....	J. E. Shrewsbury.....	819,317	May 1	568	121-2	122	131
Obstetrical instrument.....	F. Ledgerwood.....	812,349	Feb. 13	1684	370	120	1909
Obstetrical instrument.....	J. G. Gottlieb.....	818,953	Apr. 24	4803	1032	121	2571
Obtunding apparatus.....	C. Van Wyck.....	834,594	Oct. 30	5396	1145	124	2711
Oculometroscope.....	H. I. Cowan and B. Abel.....	817,046	Apr. 3	993	203	121	1579
Odometer.....	B. Volkmar.....	813,846	Feb. 27	4647	1028	120	2644
Odometers, &c. Driving mechanism for.....	C. H. Veeder.....	833,355	Oct. 16	2702	569-70	124	1962
Office dinkey. Hotel.....	H. W. Browder.....	827,415	July 31	5604	1159	123	1476
Oil and feed-water separator.....	G. R. Davidson.....	812,831	Feb. 20	2623	574	120	2146
Oil and water separator.....	T. T. Crozier.....	835,216	Nov. 6	682	140	125	173
Oil-burner.....	M. N. Macrate.....	817,128	Apr. 3	1137	235	121	1613
Oil-burner.....	R. G. Kirkwood.....	818,030	Apr. 17	2961	639	121	2120
Oil-burner.....	I. Hollenbach, G. A. Haage, and J. G. Hollenbach.....	821,165	May 22	4380	932	122	1154
Oil-burner.....	C. C. Cleveland.....	822,650	June 5	844	172	122	1914
Oil-burner.....	W. F. Hogan.....	823,866	June 19	3273	694	122	2550
Oil-burner.....	J. L. Smith.....	826,067	July 17	2826	587	123	753
Oil-burner.....	H. M. Reichenbach.....	829,890	Aug. 28	4518	953	123	2902
Oil-burner.....	S. M. Morrison.....	831,972	Sept. 25	4188	874	124	1151
Oil-burner.....	E. W. Dunn.....	832,461	Oct. 2	889	171-2	124	1426
Oil-burner.....	A. C. Butler.....	833,299	Oct. 16	2594	542	124	1933
Oil-burner.....	G. G. Calkins.....	833,439	Oct. 16	2886	612	124	2007
Oil burner. Crude.....	S. E. McKnight.....	811,429	Jan. 30	5704	1194	120	1396
Oil burner. Crude.....	E. Darby.....	814,360	Mar. 6	732	148	121	162
Oil burner. Vapor.....	C. R. Umbenbower.....	827,764	Aug. 7	156	32	123	1708
Oil-burning furnace.....	H. Yoerg and J. Treacy.....	828,081	Aug. 7	793	164	123	1867
Oil-burning system.....	I. E. Smith.....	814,091	Mar. 6	181	36	121	40
Oil-cake. Apparatus for reducing hot.....	A. W. French.....	821,095	May 22	4248	904	122	1124
Oil-can.....	C. R. Harless.....	819,217	May 1	365	79	122	88
Oil-can.....	G. A. Harcourt.....	820,784	May 15	3537	758	122	908
Oil-can.....	P. Epperson.....	830,422	Sept. 4	1055	220	124	260
Oil-can.....	A. Mangels.....	833,405	Oct. 16	2812	596	124	1988
Oil-can.....	F. R. Mease and C. F. Sechrist.....	838,635	Dec. 18	2713	581	125	2113
Oil-cloth cutter.....	C. C. Fowler and D. S. Dick.....	830,706	Sept. 11	1671	344	124	450
Oil-cloth or linoleum substitute.....	W. Melville.....	828,623	Aug. 14	1871	123	125	2165
Oil-cloth. Ornamenting.....	A. Leisegang.....	835,541	Nov. 13	1324	284	125	378
Oil-cup.....	N. Smith.....	811,801	Feb. 6	504	113	120	1593
Oil-cup.....	G. C. Schoenborn.....	813,591	Feb. 27	4144	908	120	2536
Oil-cup.....	H. C. Vaughn.....	823,978	June 19	3492	746	122	2596
Oil-cup.....	E. A. Record.....	825,757	July 10	2236	466	123	591
Oil-cup.....	P. W. Shawver.....	827,470	July 31	5746	1190	123	1510
Oil-cup.....	L. C. Sebelin.....	830,376	Sept. 4	966	201	124	237
Oil-cup.....	J. Huber.....	835,948	Nov. 13	2077	443	125	562
Oil-cup. Automatic.....	J. A. Anderson.....	827,283	July 31	5304	1099	123	1403
Oil-cups. Construction of.....	J. Powell.....	812,362	Feb. 13	1703	374	120	1914
Oil-distributing apparatus.....	H. W. Stocking.....	826,286	July 17	3228	668	123	849
Oil drip-cup.....	J. Muir.....	828,896	Aug. 21	2417	514	123	2333
Oil-engine.....	C. J. Rousseau and E. C. Ferris.....	817,671	Apr. 10	2208	471	121	1898
Oil-engine.....	J. W. Cross.....	820,285	May 8	2572	558-9	122	635
Oil-extracting machines. Lubricating device for centrifugal.....	E. H. Dutcher.....	813,367	Feb. 20	3692	811	120	2376
Oil-extractor.....	H. E. Moffat.....	813,314	Feb. 20	3589	788	120	2354
Oil-feed device.....	H. O. and H. E. Spade.....	835,569	Nov. 13	1377	296	125	391
Oil feeding and vaporizing apparatus.....	G. E. Lockwood.....	828,856	Aug. 14	2320	493-4	123	2277
Oil-feeding apparatus.....	C. J. Lockwood.....	838,728	Dec. 18	2877	619	125	2154
Oil-feeding device.....	T. J. Kehoe.....	811,640	Feb. 6	211	45	120	1531
Oil-feeding or charge-delivering device.....	H. O. and H. E. Spade.....	817,997	Apr. 17	2892	625	121	2107
Oil-flask.....	G. Graham and W. Lovelace.....	815,158	Mar. 13	2326	486	121	563
Oil-flushing system.....	M. D. Mitchell.....	825,745	July 10	2217	463	123	586
Oil-furnace for automatically heating metal blanks.....	H. Hoopes.....	825,537	July 10	1755	369-70	123	470
Oil-gage.....	C. F. Schwennker.....	819,604	May 1	1105	244	122	248
Oil generator. Crude.....	W. H. Neher.....	814,866	Mar. 13	1729	362-3	121	436
Oil on dusty roads. Means to sprinkle crude.....	J. F. Blunt.....	821,152	May 22	4363	928	122	1150
Oil or hydrocarbon burner.....	A. M. Hunt and T. Mirk.....	827,372	July 31	5477	1139	123	1445
Oil-press.....	J. C. Richardson.....	814,987	Mar. 13	1963	413	121	482
Oil-press.....	C. Nelson.....	817,930	Apr. 17	2762	598	121	2077
Oil-press.....	G. Koeber.....	818,265	Apr. 17	3429	736-7	121	2220
Oil-press.....	F. Oliver.....	836,701	Nov. 27	3600	767-8	125	1019
Oil-press box.....	J. H. Hubbell.....	825,462	July 10	1587	330	123	432
Oil-press heating device.....	J. W. Winfrey.....	809,547	Jan. 9	1892	393	120	449
Oil-press mat.....	R. F. Werk.....	820,275	May 8	2543	551	122	630
Oil-ring.....	H. Geisenhöner.....	831,506	Sept. 18	3203	677	124	861
Oil-saver.....	W. A. Williamson.....	816,284	Mar. 27	4655	988	121	1171
Oil-saver.....	J. T. Callanan.....	818,740	Apr. 24	4394	940	121	2482
Oil-separator.....	C. H. Gameson.....	818,431	Apr. 24	3757	807-8	121	2345
Oil-separator.....	H. G. Miller.....	832,616	Oct. 9	1210	244	124	1545
Oil-separator.....	R. D. Jeffreys.....	835,243	Nov. 6	739	154	125	187
Oil-separator for steam-pipes.....	R. Schulz.....	835,919	Nov. 13	2027	431	125	550
Oil-switch. High-tension.....	H. P. Ball.....	839,703	Dec. 25	4818	1030	125	2674
Oil system.....	H. C. Marmon.....	810,959	Jan. 30	4803	998	120	1203
Oil-tank.....	J. J. Tokheim.....	826,912	July 24	4533	943	123	1197
Oil-tank indicator.....	W. Torst, Jr.....	809,542	Jan. 9	1884	391	120	448
Oil-trap.....	E. J. Clarke.....	825,807	July 10	2325	485	123	613
Oil-waste-cleaning apparatus.....	J. I. Orkin.....	838,640	Dec. 18	2721	583	125	2115
Oil with oxidizing agents. Treating wood.....	A. Kronstein.....	833,063	Oct. 9	2092	124	1757	
Oils and unsaturated organic compounds. Hardening and solidifying.....	A. Kronstein.....	826,860	July 24	4422	123	1169	
Oils, &c. Apparatus for extracting.....	H. A. Silveira.....	838,658	Dec. 18	2759	590	125	2125

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. E.	Vol.	Page.
Oils obtained by destructive distillation of resinous substances. Purifying pitch and other ethereal substances.	A. Hesse.....	835,907	Nov. 13	2008		125	546
Oils. Refining and purifying hydrocarbon.....	D. T. Day.....	826,089	July 17	2871	595	123	764
Oils. Treating marine-animal.....	M. Potolowsky.....	823,361	June 12	2286	478	122	2275
Oils. Vaporizing hydrocarbon.....	A. Hayes.....	832,728	Oct. 9	1430	289	124	1597
Oiler.....	D. Herrmann.....	822,045	May 29	6123	1304	122	1596
Oiler.....	J. R. Dean.....	835,815	Nov. 13	1849	391	125	511
Oiler.....	H. B. Anderson and A. Winton.....	837,024	Nov. 27	4267	908	125	1184
Oiler and wiper for piston-rods. Combined.....	W. L. Rudd and W. E. Stout.....	838,650	Dec. 18	2743	588	125	2121
Oiler. Automatic.....	J. Cooper.....	810,621	Jan. 23	4128	853	120	1022
Oiler. Automatic.....	A. H. Taylor.....	810,686	Jan. 23	4232	877	120	1046
Oiler for gas-engines and the like.....	G. W. Goehns.....	837,680	Dec. 4	810	184	125	1556
Oiler for vehicle-wheels.....	A. E. Wilcox.....	814,104	Mar. 6	203	41	121	44
Oiler. Overhead.....	N. J. Tubbs.....	828,907	Aug. 21	2439	518	123	2339
Oiler. Shaft.....	T. Hughes.....	819,280	May 1	502	105	122	116
Oiler. Wheel-flange.....	F. S. Baird and E. W. Carroll.....	837,774	Dec. 4	988	222	125	1599
Oilers. Distributing device for.....	M. E. Woods.....	832,111	Oct. 2	178	36	124	1257
Oilers. Filling attachment for sight-feed.....	F. B. Garretson.....	811,051	Jan. 30	4960	1036	120	1238
Oiling tracks and applying the air-brakes for stopping railway-trains. Means for.....	E. S. Gunn and H. R. Romberger.....	814,371	Mar. 6	753	152	121	166
Oilstone-box.....	C. F. Pippy.....	816,599	Apr. 3	106	23	121	1380
Onion-picker.....	E. C. Jones.....	831,613	Sept. 25	3442	723	124	959
Opera-chair.....	J. G. Flanagan, Sr.....	838,016	Dec. 11	1460	315-16	125	1760
Opera-chair hat and wrap rack.....	F. D. Lanterman.....	818,542	Apr. 24	3991	856	121	2392
Opera-glass.....	E. B. Meyrowitz.....	822,215	May 29	6443	1369	122	1670
Operating-table.....	J. Schoettl, C. Jaeger, and P. Walstenben.....	812,240	Feb. 13	1468	322	120	1860
Operating-table.....	J. D. Williams.....	828,007	Aug. 7	639	130-1	123	1829
Operator's key.....	A. Carliss.....	836,668	Nov. 27	3522	572	125	999
Optical appliance. Electrically-controlled.....	J. C. Fredell.....	830,217	Sept. 4	645	129-30	124	163
Optical device.....	G. W. MacDonald.....	839,016	Dec. 18	3395	733	125	2279
Optical instrument.....	A. Swasey and G. L. Fecker.....	812,464	Feb. 13	1898	419	120	1953
Optical instrument.....	A. Swasey and G. L. Fecker.....	819,948	May 8	1818	393	122	470
Optical tool.....	L. E. Capps.....	816,845	Apr. 3	589	123	121	1489
Optical tubes. Means for preventing condensation in.....	L. Y. Spear.....	832,219	Oct. 2	411	77	124	1312
Optometer.....	W. B. Brown.....	814,512	Mar. 6	1025	211-12	121	223
Orange-clipper.....	J. G. Kyle.....	836,388	Nov. 20	2955	626	125	828
Ordinance.....	I. F. Good.....	830,222	Sept. 4	655	131	124	166
Ordinance. Breech-loading.....	R. B. Dashiell.....	818,420	Apr. 24	3731	801-2	121	2338
Ordinance breech mechanism.....	A. T. Dawson and G. T. Buckham.....	812,643	Feb. 13	2265	492-3	120	2025
Ordinance-mount.....	W. H. Bevans.....	814,348	Mar. 6	710	143	121	156
Ordinance. Range-indicator for.....	A. T. Dawson and J. Horne.....	839,274	Dec. 25	3959	851	125	2463
Ordinance. Rapid-fire.....	J. W. Dearborn.....	830,825	Sept. 11	1886	393-5	124	506
Ordinance-sight.....	S. A. S. Hammar.....	810,644	Jan. 23	4166	860	120	1031
Ordinance sighting apparatus.....	A. T. Dawson and G. T. Buckham.....	826,836	July 24	4377	911-12	123	1159
Ordinance sighting apparatus.....	A. T. Dawson and G. T. Buckham.....	838,957	Dec. 18	3289	711	125	2251
Ordinance. Telescopic sight for.....	A. König.....	835,625	Nov. 13	1491	318	125	421
Ore and coal crushing machine.....	J. F. Sauerman.....	814,085	Mar. 6	167	33	121	37
Ore. Apparatus for conveying and cooling.....	H. F. Campbell.....	827,502	July 31	5828	1208	123	1531
Ore. Apparatus for magnetic separation of iron.....	G. Gröndal.....	812,170	Feb. 6	1301	284	120	1754
Ore-briquet calcining or burning furnace.....	F. J. Bergendal.....	832,358	Oct. 2	678	130-1	124	1376
Ore-cleaner.....	A. McDougall.....	822,753	June 5	1043	214	122	1957
Ordinance concentrating apparatus.....	J. F. C. Abelspies.....	814,896	Mar. 13	1781	373	121	447
Ore-concentrating table.....	F. W. Sherman.....	838,058	Dec. 11	1549	332-3	125	1784
Ore concentration.....	H. L. Sulman, H. F. Kirkpatrick-Picard, and J. Ballot.....	835,120	Nov. 6	493	100	125	127
Ore concentration.....	H. L. Sulman.....	835,143	Nov. 6	546	111	125	139
Ore concentration.....	H. L. Sulman, H. F. Kirkpatrick-Picard, and J. Ballot.....	835,479	Nov. 6	1196	258	125	300
Ore-concentrator.....	G. M. Whitney.....	809,765	Jan. 9	2324	481	120	543
Ore-concentrator.....	E. Deister.....	810,847	Jan. 23	4530	943	120	1011
Ore-concentrator.....	J. W. Pinder.....	812,520	Feb. 13	2017	442	120	1978
Ore-concentrator.....	B. Ballentyne.....	818,334	Apr. 17	3562	762-3	121	2247
Ore-concentrator.....	J. G. Kirksey.....	821,874	May 29	5790	1233-4	122	1520
Ore-concentrator.....	W. R. Thurston.....	829,443	Aug. 28	3569	752	123	2669
Ore-concentrator.....	W. R. Thurston.....	829,493	Aug. 28	3682	777	123	2697
Ore-concentrator.....	W. E. Ford.....	830,425	Sept. 4	1060	221	124	262
Ore-concentrator.....	P. A. Hardwick.....	832,971	Oct. 9	1914	399	124	1711
Ore-concentrator.....	F. E. Pearson.....	833,415	Oct. 16	2830	600	124	1992
Ore-concentrator.....	W. Lerchen.....	837,082	Nov. 27	4391	931	125	1216
Ore-cooling apparatus.....	H. F. Campbell, D. H. Campbell, and T. H. Smith.....	857,057	July 24	4808	1001-2	123	1264
Ore-crusher.....	I. N. Bonsal.....	825,699	July 10	2123	443	123	565
Ore-crushers. Mercury-feeder for.....	P. Kirkegaard.....	838,191	Dec. 11	1843	395	125	1859
Ore-crushers. Stamp-actuating mechanism for.....	W. S. McKinney.....	811,079	Jan. 30	5006	1046	120	1248
Ore-crushing mill. Roller.....	W. E. Wild.....	835,694	Nov. 13	1603	341-2	125	447
Ore-cyaniding apparatus.....	T. L. Rankin.....	830,615	Sept. 11	1460	303	124	391
Ore-feeder.....	F. H. Blanding.....	831,595	Sept. 25	3402	714	124	948
Ore for the manufacture of iron and steel therefrom. Apparatus for the treatment of.....	M. Moore and T. J. Heskett.....	814,557	Mar. 6	1114	232-3	121	241
Ore-hoist.....	C. W. Hunt.....	830,836	Sept. 11	1908	399	124	511
Ore. Magnetic separation of iron.....	G. Gröndal.....	812,172	Feb. 6	1304	285	120	1755
Ore, &c. Manufacturing briquets of.....	H. Schulte-Steinberg.....	833,005	Oct. 9	1977		124	1728
Ore or flue-dust. Sintering comminuted.....	G. L. Davison.....	811,040	Jan. 30	4946		120	1236
Ore-pulverizing machine.....	A. J. Millross.....	832,801	Oct. 9	1583	325	124	1632
Ore-reducing furnace.....	H. F. Brown.....	817,415	Apr. 10	1723	363	121	1796
Ore. Reducing iron.....	G. M. Westman.....	812,247	Feb. 13	1485	325	120	1863
Ore-roaster.....	J. W. Boileau.....	820,088	May 8	2184	476	122	550
Ore-roaster.....	R. E. Wickham.....	829,819	Aug. 28	4371	923	123	2867
Ore roasting and oxidizing apparatus.....	F. C. Butterfield.....	832,292	Oct. 2	554	105	124	1347
Ore roasting, chloridizing, or drying furnace.....	A. V. Leggo.....	830,904	Sept. 11	2027	427	124	541
Ore-roasting furnace.....	I. Sanfilippo.....	820,138	May 8	2277	495	122	570
Ore-roasting furnace.....	C. H. Rider.....	824,263	June 26	4026	862	122	2769
Ore-roasting furnace.....	W. A. Maddern.....	831,232	Sept. 18	2678	563	124	726
Ore-roasting furnace.....	T. Edwards.....	832,248	Oct. 2	474	38	124	1327

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Ore-roasting furnace.	O. W. Davis.	839,734	Dec. 25	4884	1044	125	2689
Ore-roasting furnace. Mechanically-rabbled.	T. Edwards.	836,871	Nov. 27	3931	839-40	125	1105
Ore-roasting furnace. Tilting.	T. Edwards.	825,446	July 10	1557	321-2	123	425
Ore-screening machine.	A. Schwarz.	825,081	July 3	783	163	123	210
Ore separating and concentrating machine.	J. L. Hellyer.	824,927	July 3	501	99	123	133
Ore-separator.	G. Moore.	817,655	Apr. 10	2180	463	121	1891
Ore-separator.	E. A. Sperry.	819,093	May 1	118	26	122	31
Ore-separator.	H. C. Groves.	820,568	May 15	3141	676	122	820
Ore-separator.	A. Perry.	821,430	May 22	4932	1048	122	1275
Ore-separator.	F. B. Finley.	822,515	June 5	563	113-14	122	1850
Ore-separator.	S. J. Rogers.	825,758	July 10	2238	466	123	591
Ore-separator.	W. B. Frantz.	829,959	Sept. 4	50	9-10	124	12
Ore-separator.	P. A. Hardwick.	832,972	Oct. 9	1917	399-400	124	1712
Ore-separator.	J. G. Kirksey.	833,223	Oct. 16	2435	510-11	124	1892
Ore-separator.	J. Gottlander.	834,613	Oct. 30	5448	1156-7	124	2725
Ore-separator.	A. J. Bauer.	836,553	Nov. 20	3281	699-700	125	909
Ore separator and classifier.	E. J. Swyny and S. G. Plucknett.	831,252	Sept. 18	2725	574	124	739
Ore separator and classifier. Magnetic.	G. H. Waring.	834,175	Oct. 23	4572	970-1	124	2460
Ore-separator. Magnetic.	G. Gröndal.	812,171	Feb. 6	1303	285	120	1755
Ore-separator. Magnetic.	G. Gröndal.	812,173	Feb. 6	1306	285	120	1755
Ore-separator. Magnetic.	R. R. Moffatt.	816,491	Mar. 27	5106	1083	121	1265
Ore-separator. Magnetic.	H. H. Wait.	823,234	June 12	2053	426	122	2225
Ore-separator. Magnetic.	J. Weatherby, Jr.	824,893	July 3	433	84-5	123	118
Ore-separator. Magnetic.	R. R. Moffatt.	825,672	July 19	2076	433	123	553
Ore-separator. Magnetic.	H. H. Wait.	832,642	Oct. 9	1260	253-4	124	1557
Ore-separator. Magnetic.	H. H. Wait and F. T. Snyder.	832,821	Oct. 9	1619	333	124	1642
Ore-separator. Magnetic.	H. H. Wait and F. T. Snyder.	832,822	Oct. 9	1621	333	124	1642
Ore-separator. Magnetic.	H. H. Wait.	832,823	Oct. 9	1623	333-4	124	1642
Ore-separator. Magnetic.	H. H. Wait.	832,824	Oct. 9	1626	334-5	124	1643
Ore-separator. Magnetic.	H. H. Wait.	832,826	Oct. 9	1632	336	124	1644
Ore-separator. Magnetic.	H. H. Wait.	832,827	Oct. 9	1635	336	124	1645
Ore-separator. Magnetic.	H. H. Wait.	832,828	Oct. 9	1637	336-7	124	1645
Ore-separator. Magnetic.	C. E. Knowles.	833,169	Oct. 16	2311	485	124	1860
Ore separator or filter.	C. P. Christensen.	824,905	July 3	461	90-1	123	123
Ore-separator. Wet magnetic.	F. J. Odling and W. Jameson.	815,113	Mar. 13	2227	468	121	540
Ore-sizing screen.	C. E. Ratcliff and J. A. Cohenour.	831,681	Sept. 25	3609	757	124	1006
Ore-slimer.	I. F. Monell.	820,234	May 8	2449	530-1	122	608
Ore-slimer.	W. F. Smith.	832,091	Oct. 2	131	28	124	1244
Ore-slimes from settling-tanks. Device for removing.	H. Earle.	829,516	Aug. 28	3738	794	123	2712
Ore-sorting belt.	F. W. Jacques.	812,270	Feb. 13	1544	336-7	120	1878
Ore-washing machine.	A. S. Mitchell.	815,853	Mar. 20	3801	803	121	934
Ore-washing plant.	F. Eggers.	810,196	Jan. 16	3197	662	120	782
Ores. Agglomerating fine.	F. E. Bachman.	835,232	Nov. 6	709	146	125	179
Ores and metalliferous sands. Applying heat for the treatment of.	W. J. Jackson.	808,754	Jan. 2	264		120	61
Ores and tailings. Apparatus for treatment of.	A. Soderling.	822,398	June 5	327	67-8	122	1797
Ores, &c. Automatic drying apparatus for.	J. Hickey.	836,187	Nov. 20	2550	536-7	125	730
Ores. Briqueting friable.	C. Reinke.	833,630	Oct. 16	3277		124	2096
Ores. Combined screen sizing and jigging apparatus for.	G. O. Marrs.	826,178	July 17	3025	627	123	801
Ores containing iron sulfids. Treating refractory.	L. V. Atkinson.	824,699	July 3	2		123	3
Ores. Electrical apparatus for determining the location of metallic.	F. H. Brown.	817,749	Apr. 17	2365	508	121	1988
Ores. Extracting metal values from.	R. Baggaley.	832,833	Oct. 9	1647	338-40	124	1647
Ores. Machine for crushing and amalgamating metalliferous.	H. Jones.	822,052	May 29	6133	1306	122	1598
Ores. Melting primary baths for dissolving.	R. Baggaley and C. M. Allen.	822,712	June 5	975		122	1943
Ores, &c. Nodulizing.	C. Dellwik.	822,929	June 12	1389	290	122	2078
Ores of the precious metals. Treating.	A. C. Atwater.	817,411	Apr. 10	1716		121	1794
Ores. Recovering values from sulfid.	E. C. Pohlé.	811,085	Jan. 30	5018		120	1251
Ores. Reducing.	H. F. Brown.	817,414	Apr. 10	1721	362-3	121	1796
Ores. Reducing.	J. Herman.	831,160	Sept. 18	2544	536	124	694
Ores. Reduction of.	C. P. Townsend.	815,881	Mar. 20	3856		121	944
Ores. Reduction of.	W. Koehler.	824,663	June 26	4824	1029	122	2939
Ores. Separator for use in the concentration of.	A. Schwarz.	825,080	July 3	781	163	123	209
Ores, &c. Sulfatizing.	E. Enke.	826,925	July 24	4554		123	1203
Ores. Treating.	J. H. Haynes and W. D. Engle.	808,839	Jan. 2	420		120	93
Ores. Treating.	J. Savelsberg.	810,572	Jan. 23	4028		120	1000
Ores. Treating.	E. W. Arnold.	812,473	Feb. 13	1915	422	120	1956
Ores. Treating.	C. E. Baker and A. W. Burwell.	816,061	Mar. 27	4218	894	121	1077
Ores. Treating.	J. O. Handy.	821,637	May 29	5321		122	1418
Ores. Treating.	F. J. Crane.	827,620	July 31	6070	1259	123	1593
Ores. Treating.	F. T. Snyder.	834,644	Oct. 30	5509	1169-70	124	2741
Ores. Treating.	W. A. Hendryx.	836,380	Nov. 20	2934	623	125	824
Ores. Treating.	J. E. Greenawalt.	839,065	Dec. 18	3492	755-6	125	2303
Ores. Treating complex sulfid.	W. G. Rumbold and G. Patchin.	832,341	Oct. 2	655		124	1370
Ores. Treating nickel.	C. Langer.	815,717	Mar. 20	3490	730	121	869
Ores, &c. Treating refractory metal-bearing.	J. W. H. James.	833,394	Oct. 16	2791	589-91	123	1983
Ores. Treating vanadium.	J. H. Haynes and W. D. Engle.	828,850	Aug. 14	2311		123	2275
Ores. Treating vanadium.	J. O. Handy.	831,289	Sept. 18	2793		124	757
Ores. Treatment of pyritic.	W. Blackmore and A. Howard.	839,451	Dec. 25	4305		125	2549
Ores. Utilizing as fuel the volatile portions of sulfid.	R. Baggaley, C. M. Allen, and E. W. Lindquist.	822,713	June 5	977		122	1944
Organ-action. Electric.	C. J. Landin.	824,079	June 19	3673	782	122	2634
Organ and piano.	F. M. Howard.	818,539	Apr. 24	3978	855	121	2390
Organ pipe-valve.	J. Binnig.	825,294	July 10	1204	254	123	332
Organ. Reed.	P. C. Preston.	811,087	Jan. 30	5023	1049	120	1252
Organs and pianos. Foot-release valve for pneumatic actions for.	J. R. England.	828,726	Aug. 14	2079	437-8	123	2217
Organic substances in presence of vanadium compounds. Treating.	O. Herrmann.	812,995	Feb. 20	2944	648	120	2217
Ornament-making machine.	E. Oppermann.	823,435	June 12	2420		122	2302
Ornamental comb.	C. A. Maddox.	834,213	Oct. 23	4647	985-6	124	2479
Ornamental material.	W. J. Metcalf and J. W. Pickering.	809,574	Jan. 9	1951	405	120	461
	J. Schurek.	824,444	June 26	4392	934	122	2543

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Ornamentation. Protecting the inside of vessels during the process of	E. L. Toy	836,415	Nov. 20	3017	639	125	844
Ornamenting surfaces with granular substances	V. Badagliacca	829,753	Aug. 28	4224		123	2830
Orthopedic appliance for curing knock-knees, &c.	O. Semeleider	810,355	Jan. 16	3546	729	120	857
Oscillaphone	W. W. Massie	819,779	May 8	1479	316	122	391
Oscillating engine	J. L. Pilling	815,632	Mar. 20	3313	694	121	830
Oscillating-piston engine	J. Bergesen	821,398	May 22	4862	1031	122	1260
Oscillation-responsive device	L. De Forest	824,637	June 26	4777	1018	122	2929
Oscillation-responsive device	L. De Forest	824,638	June 26	4780	1018	122	2930
Oscillation-responsive device	L. De Forest	836,070	Nov. 13	2282	486	125	613
Oscillation-responsive device	L. De Forest	836,071	Nov. 13	2284	486	125	613
Oscillator, go-cart, sled, and step-ladder. Combined.	J. A. Crandall	828,197	Aug. 7	997	208	123	1915
Outlet-box	R. M. Thomas	826,072	July 17	2835	588	123	756
Outlet-box	S. D. Slocum	832,509	Oct. 2	977	195	124	1447
Outlet-box	M. J. McGowan, Jr.	838,886	Dec. 18	3166	682	125	2224
Outlet-box and light-fixture. Combined.	E. D. Weber	825,254	July 3	1119	237	123	291
Outlet-gate and hopper	W. A. Bishop	835,595	Nov. 13	1429	306-7	125	405
Outlet or junction box	C. C. Sibley and G. A. Lutz	820,321	May 8	2626	572	122	648
Oven	H. C. G. Kreutzkamp	818,832	Apr. 24	4584	983	121	2523
Oven	G. R. Moon	823,288	June 12	2156	450	122	2247
Oven. Bake	J. Faulds	819,417	May 1	771	165-6	122	174
Oven. Baker's	W. H. Perry	823,695	June 19	2955	625	122	2479
Oven. Baker's	G. H. Petri	831,239	Sept. 18	2693	566	124	730
Oven. Baking	G. H. Petri	830,524	Sept. 11	1269	264	124	340
Oven. Baking	F. M. Peters	838,270	Dec. 11	2017	434	125	1898
Oven. Cooking	J. McGuire	834,159	Oct. 23	4542	964	124	2453
Oven. Cooking	V. W. Blanchard	834,231	Oct. 23	4679	991	124	2486
Oven. Gas	T. E. Taylor	818,131	Apr. 17	3149	678	121	2160
Oven-regulator. Automatic	J. P. Farmer	817,106	Apr. 3	1089	226	121	1600
Oven. Sectional	R. Crawford	836,245	Nov. 20	2682	569-70	125	763
Oven stop mechanism. Baker's	J. J. Linden	824,553	June 26	4615	980	122	2993
Ovens. Apparatus for feeding articles into	W. Stender	818,573	Apr. 24	4046	868-9	121	2404
Ovens. Automatic stop mechanism for rotary	A. S. Cairncross	831,829	Sept. 25	3883	814	124	1075
Overalls	F. H. Brigham	815,063	Mar. 13	2125	447	121	518
Overalls	R. S. Breckenridge	829,944	Sept. 4	12	3	124	4
Overcheck-loop	F. G. McAlpin	832,921	Oct. 9	1825	376	124	1691
Overedge-machine	K. Maier	833,074	Oct. 9	2116	445	124	1764
Overedge-machine	K. Maier	833,075	Oct. 9	2117	446	124	1764
Overhead line	E. Giraud	812,561	Feb. 13	2114	463	120	1997
Overlay	C. W. Combs	809,095	Jan. 2	954	198	120	211
Overload safety apparatus	P. J. Darlington	829,371	Aug. 21	3412	719	123	2583
Overseaming-machine	L. Onderdonk	829,349	Aug. 21	3363	708-9	123	2573
Overseaming-machine	L. Onderdonk and R. G. Woodward	837,106	Nov. 27	4436	940-1	125	1228
Overshoe	A. E. Roberts	808,948	Jan. 2	645	141	120	142
Overshoe	C. L. Higgins	823,331	June 12	2237	466	122	2265
Overshoe	A. E. Roberts	838,751	Dec. 18	2919	629	125	2164
Overshoe attachment	W. H. Tillson	827,330	July 31	5399	1122	123	1427
Overshoe-fastener	W. O. Brockway	809,905	Jan. 9	2571	532	120	598
Overshoes. Manufacturing	S. Schwarzschild	832,277	Oct. 2	525	100	124	1340
Overshoes. Manufacturing	S. Schwarzschild	832,278	Oct. 2	527	100	124	1341
Overshoe-retainer	O. E. Hubbell	813,897	Feb. 27	4745	1049	120	2665
Overshoes to shoes. Device for securing	B. S. Howell	831,349	Sept. 18	2920	619	124	789
Oxids. Apparatus for the preparation of metallic	L. Fink-Huguenot	813,785	Feb. 27	4517	997	120	2616
Oxids. Producing metallic	L. Fink-Huguenot	813,786	Feb. 27	4519	997	120	2616
Oxyacids of chlorine. Producing salts of	A. E. Gibbs	827,721	Aug. 7	47		123	1681
Oyster-bed	A. M. Willis	831,200	Sept. 18	2618	551	124	711
Oyster-dredging hoist	P. P. G. Hall	821,411	May 22	4887	1038	122	1266
Oyster-fryer	L. Mitchell	839,307	Dec. 25	4017	863	125	2477
Oyster-opener	E. M. Colford and G. H. Thomas	829,693	Aug. 28	4110	871	123	2802
Oyster-shucking knife	J. A. Rand	829,353	Aug. 21	3372	711	123	2575
Ozone-generator	C. F. Birman	811,364	Jan. 30	5581	1165-6	120	1372
Ozone-ventilator	F. de Mare	820,656	May 15	3285	705-6	122	850
Ozonizers. Apparatus for mounting and cooling	M. Otto	827,387	July 31	5506	1145	123	1453
statical							
Package	J. Herr	809,948	Jan. 16	2681	553	120	675
Package and letter delivering and collecting system	J. M. Case	813,542	Feb. 27	4048	886-8	120	2516
Package and the like carrier	G. Staib	839,081	Dec. 18	3532	764	125	2314
Package-carrier	J. W. Clark	831,705	Sept. 25	3664	766	124	1022
Package-carrier and basket. Combined	E. A. Henry	834,726	Oct. 30	5666	1202	124	2781
Package carrier and closure for bags and the like	I. A. Cammett and H. W. Fellows	824,904	July 3	460	90	123	122
Package. Coffee	H. D. Terrell	827,581	July 31	5977	1240	123	1567
Package. Mush	C. W. Jackson	834,474	Oct. 30	5169	1098	124	2655
Package or mail despatching system	A. F. Johnson	824,024	June 19	3578	763	122	2613
Package-tie	J. S. Williamson	814,758	Mar. 13	1530	324	121	394
Package-tie	E. M. Constock	818,354	Apr. 17	3598	771	121	2254
Package-tie	J. A. Gray	819,648	May 1	1203	264	122	270
Package-tie	I. M. Sanders	828,512	Aug. 14	1656	349	123	2110
Package-tie	C. H. Amann	835,656	Nov. 13	1549	331	125	434
Packages. Machine for forming cylindrical	H. C. Herr	823,276	June 12	2132	445-6	122	2243
Packages. Machine for use in making metal-bound	J. J. Miller	815,197	Mar. 13	2415	503-5	121	586
Packages of interfolded sheets. Producing	S. Wheeler	821,562	May 22	5162	1101	122	1324
Packages. Tool for fastening self-secured	J. F. Craft	819,859	Nov. 8	1642	350	122	432
Packaging-machine	I. Lazaga and F. W. Lev	836,690	May 27	3580	763-4	125	1014
Packer	G. A. Spang	820,149	May 8	2300	502	122	575
Packet-holder	F. E. Blacker	815,505	Mar. 20	3065	639	121	776
Packing	J. Ostrander	808,775	Jan. 2	312	67	120	70
Packing	C. Restein	809,581	Jan. 9	1961	407	120	463
Packing	H. E. Longwell and F. Hodgkinson	813,723	Feb. 27	4393	969	120	2589
Packing	A. O. Van Dervort	821,682	May 29	5422	1154	122	1436
Pack ng	P. Schou	829,546	Aug. 28	3803	807	123	2727
Packing	C. Restein	831,099	Sept. 18	2443	515	124	671
Packing	N. C. Davis	831,603	Sept. 25	3423	718	124	954
Packing apparatus	A. L. Holton	831,437	Sept. 18	3078	652-3	124	829

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Packing. Automatic.	E. S. Lea and J. Degen.	811,934	Feb. 6	799	176	120	1652
Packing. Automatic.	E. S. Lea and J. Degen. (Reissue).	12,573	Dec. 11	2464	535	125	2008
Packing-box or carrier for oranges.	I. Naylor.	814,069	Mar. 6	135	26	121	30
Packing-box. Pump-plunger.	C. L. Heisler.	825,832	July 10	2373	494-5	123	626
Packing-case.	G. H. Leathers.	810,060	Jan. 16	2936	611	120	730
Packing-case.	A. R. Speer.	820,445	May 15	2880	626	122	762
Packing-case.	A. R. Speer.	827,124	July 31	4965	1036	123	1315
Packing-case.	A. R. Speer.	828,579	Aug. 14	1790	378	123	2144
Packing-case, box, &c.	F. A. Wilson.	828,165	Aug. 7	936	192	123	1900
Packing-case. Metal.	A. R. Speer.	821,760	May 29	5579	1187-8	122	1474
Packing-case. Partitioned.	A. R. Speer.	813,246	Feb. 20	3440	758	120	2323
Packing. Condenser-tube.	J. Allen.	826,009	July 17	2711	560	123	725
Packing device. Rod.	O. J. Garlock.	831,717	Sept. 25	3682	771	124	1026
Packing. Engine or machine.	G. W. Beldam.	835,744	Nov. 13	1694	361	125	471
Packing for elastic-fluid turbines.	J. G. Callan.	819,635	May 1	1177	257	122	264
Packing for fluid-pump pistons.	E. J. Feeny.	832,726	Oct. 9	1426	288	124	1596
Packing for joints.	E. J. Ober.	834,992	Nov. 6	224	.....	125	59
Packing for joints between stationary and moving parts of machinery.	G. W. Price.	834,848	Oct. 30	5930	1259	124	2847
Packing for piston-rods. Metallic.	J. H. Lewis and L. G. Kunzer.	832,068	Oct. 2	75	17	124	1230
Packing for rotary engines.	D. Morell.	823,428	June 12	2407	507	122	2300
Packing for rotary machines. Labyrinth.	R. Schulz.	835,836	Nov. 13	1877	398	125	517
Packing for shafts and rotary-valve stems.	J. H. Hoyer.	819,227	May 1	389	82	122	92
Packing for stuffing-boxes. Metallic.	A. Siemens.	828,249	Aug. 7	1087	229	123	1935
Packing for the end faces of pairs of rollers. Lateral.	F. E. F. Neumann.	813,320	Feb. 20	3601	791	120	2356
Packing-gasket.	J. A. Landsberger.	816,803	Apr. 3	488	109	121	1464
Packing-gasket.	H. C. Wiedeman.	830,392	Sept. 4	1001	209	124	247
Packing joints. Means for.	J. H. Jones.	819,437	May 1	814	175	122	183
Packing-machine.	J. A. Keyes.	814,454	Mar. 6	919	188-9	121	200
Packing-machine.	J. A. Keyes.	817,375	Apr. 10	1634	345-6	121	1777
Packing-machine.	J. B. Cornwall.	821,463	May 22	4986	1059	122	1288
Packing-machine.	W. Rose.	822,988	June 12	1505	312-13	122	2105
Packing-machine.	J. A. Keyes.	823,051	June 12	1641	339-40	122	2135
Packing-machine.	D. L. Eustice.	826,553	July 24	3821	792	123	1017
Packing. Metal.	R. Kube.	833,932	Oct. 23	3930	833-4	124	2305
Packing. Metallic.	E. M. Cook.	812,114	Feb. 6	1155	254	120	1723
Packing. Metallic.	S. T. Hiatt.	824,692	June 26	4889	1040	122	2951
Packing. Metallic.	H. Mann.	824,799	July 3	230	41-2	123	65
Packing. Metallic.	H. A. Kilborn and R. Maker.	828,554	Aug. 14	1745	367	123	2132
Packing. Metallic.	G. D. Rollins.	830,530	Sept. 11	1286	206	124	345
Packing. Metallic.	G. Westinghouse.	833,273	Oct. 16	2531	529	124	1917
Packing. Metallic rod.	W. Sudekum.	832,434	Oct. 2	834	161	124	1413
Packing of filter-plates.	L. Anker.	834,864	Oct. 30	5960	1265	124	2854
Packing. Piston.	W. H. Myers.	819,448	May 1	831	179	122	187
Packing. Piston.	C. A. Gullum.	825,455	July 10	1573	326	123	429
Packing. Piston.	T. W. W. Smith.	828,143	Aug. 7	898	185	123	1892
Packing. Piston-rod.	P. H. Weaver.	811,603	Feb. 6	132	29	120	1514
Packing. Piston-rod.	E. Bader.	818,653	Apr. 24	4218	906	121	2444
Packing. Piston-rod.	J. H. Hoyer.	821,100	May 22	4257	906	122	1126
Packing. Piston-rod.	C. A. Peverall.	826,741	July 24	4192	871	123	1111
Packing. Piston-rod.	L. H. Martell.	829,116	Aug. 21	2872	603	123	2451
Packing. Piston-rod.	A. L. Shaffer.	830,858	Sept. 11	1948	409	124	522
Packing-receptacles. Follower for.	R. C. Hansell.	837,925	Dec. 11	1280	281	125	1715
Packing-ring.	H. Kirschning.	816,478	Mar. 27	5082	1078	121	1260
Packing-ring.	O. Q. Sellers.	832,816	Oct. 9	1609	331	124	1639
Packing-ring for shafting.	W. L. R. Emmet.	818,365	Apr. 17	3617	775	121	2259
Packing. Rod.	O. J. Garlock.	818,023	Apr. 17	2948	636	121	2118
Packing. Rod.	O. J. Garlock.	818,432	Apr. 24	3759	808	121	2345
Packing. Rod.	G. and G. F. Stewart.	832,431	Oct. 2	830	160	124	1412
Packing. Rotary-shaft.	W. F. Gomes.	836,408	Nov. 20	2998	636	125	839
Packing. Sectional.	J. E. Willcox.	838,291	Dec. 11	2048	442	125	1905
Packing. Shaft.	J. Wilkinson.	822,802	June 5	1131	233	122	1976
Packing. Steam-turbine.	R. A. McKee.	815,973	Mar. 27	4027	853	121	1033
Packing. Stuffing-box.	J. Williamson.	830,394	Sept. 4	1005	.....	124	248
Packing. Stuffing-box.	S. M. Guss.	833,961	Oct. 23	4086	871	124	2335
Packing. Stuffing-box.	S. M. Guss.	833,962	Oct. 23	4088	871	124	2335
Packing. Water-tube-boiler.	G. F. Miller and J. Kronier.	815,930	Mar. 20	3946	836	121	964
Packings. Machine for making fibrous.	W. B. Fenn.	819,269	May 1	476	98-100	122	111
Pad:							
See Apparel-pad.	Heating-pad.						
Ball-player's pad.	Hoof-pad.						
Blotter or blotting-pad.	Horse-pad.						
Blotting-pad.	Horseshoe-pad.						
Collar-pad.	Inking-pad.						
Davenport-pad.	Ironing-wax pad.						
Desk-pad.	Knee-pad.						
Furniture-pad.	Neck-pad.						
Garment-pad.	Stocking-supporter-loop pad.						
Gas-check pad.	Therapeutic pad.						
Harness-pad.	Trousers-pad.						
Hat sweat-pad.							
Pad-holder.	L. J. Hopkins.	809,615	Jan. 9	2042	424	120	480
Pad or bustle.	F. M. Whitney.	836,790	Nov. 27	3796	808	125	1075
Pads of matted or felted fibers. Machine for finishing garment-	G. Goldman.	838,615	Dec. 18	2666	573	125	2101
Paddle-wheel.	J. Best.	812,805	Feb. 20	2565	564	120	2133
Paddle-wheel.	G. A. Wiman and F. Schauman.	814,495	Mar. 6	996	204-5	121	217
Paddle-wheel.	J. B. Heggem.	817,711	Apr. 10	2269	488	121	1909
Paddle-wheel. Feathering.	E. A. Young.	815,776	Mar. 20	3633	763-4	121	898
Paddle-wheel. Feathering.	W. N. Cruchon.	827,216	July 31	5184	1076	123	1376
Paddle-wheel. Feathering-blade.	J. A. Hicks.	818,825	Apr. 24	4573	980	121	2520
Padlock.	Y. Q. Caldwell.	823,919	June 19	3369	719	122	2570
Padlock.	F. W. Schroeder.	824,593	June 26	4694	998	122	2912
Padlock.	S. R. Slaymaker.	834,027	Oct. 23	4250	901	124	2378
Padlock.	H. P. Townsend.	834,339	Oct. 30	4906	1039	124	2588

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Padlock. Combination.....	L. B. Gaylor.....	832,604	Oct. 9	1180	237	124	1539
Padlock. Combination.....	F. M. Indelli.....	835,304	Nov. 6	854	181	125	216
Padlock. Keyless.....	C. Liaci.....	834,917	Nov. 6	80	16	125	23
Padlock. Permutation.....	R. Gibson.....	830,500	Sept. 11	1217	255	124	329
Paging-machine.....	G. Stahl.....	810,577	Jan. 23	4042	831	120	1003
Pail and analogous article. Milk-	S. E. Oviatt.....	832,556	Oct. 2	1067	214	124	1470
Pail and lantern. Lunch.....	T. D. Comer.....	829,390	May 15	2771	601	122	741
Pail and strainer. Milk.....	A. T. Gunderson.....	810,408	Jan. 23	3696	761	120	925
Pail-cover fastener.....	T. K. Parrish.....	829,887	Aug. 28	4513	952	123	2901
Pail. Dinner.....	G. L. Gerlach.....	821,795	May 29	5650	1204	122	1491
Pail. Dinner.....	A. J. Smith.....	824,156	June 26	3810	813	122	2723
Pail. Dinner.....	L. C. Harding.....	832,789	Oct. 9	1553	320	124	1626
Pail. Garbage.....	W. Bloomberg.....	824,775	July 3	180	32	123	53
Pail-handle.....	O. Boiteau.....	831,700	Sept. 25	3656	764	124	1019
Pail holder. Milk.....	A. M. Graf.....	822,362	June 5	267	56	122	1784
Pail. Lunch.....	J. Walter.....	814,578	Mar. 6	1154	241	121	250
Pail. Milk.....	J. Lowe.....	817,575	Apr. 10	2044	430	121	1861
Pail. Milk.....	G. A. Jones.....	822,051	May 29	6131	1306	122	1598
Pail. Milk.....	L. Leavitt.....	828,222	Aug. 7	1044	219	123	1925
Pail. Milk.....	T. J. Wing.....	833,655	Oct. 16	3319	706	124	2107
Pail. Milking.....	A. M. Lorentz.....	832,868	Oct. 9	1727	356	124	1668
Pail. Minnow.....	S. A. Jones.....	821,040	May 22	4137	879	122	1099
Pail. Oyster.....	W. Heyser.....	836,499	Nov. 20	3172	672	125	882
Pail-stand. Detachable.....	N. H. C. Pihl.....	833,800	Oct. 23	3615	773	124	2223
Pail support. Milk.....	J. Kuhn.....	827,734	Aug. 7	75	15	123	1689
Paint.....	P. R. Herschman.....	822,947	June 12	1421	.....	122	2084
Paint.....	D. J. Joslin.....	827,534	July 31	5901	.....	123	1548
Paint.....	C. A. Lundquist.....	827,546	July 31	5925	.....	123	1554
Paint.....	H. N. Potter.....	830,737	Sept. 11	1742	.....	124	470
Paint and the like base.....	M. C. Jaquet.....	837,684	Dec. 4	817	.....	125	1557
Paint and varnish remover.....	C. Ellis.....	811,044	Jan. 30	4951	.....	120	1237
Paint and varnish remover. Non-inflammable.....	C. Ellis.....	817,141	Apr. 3	1164	.....	121	1618
Paint-box. Artist's.....	S. H. Donaldson.....	825,266	July 3	1147	243	123	299
Paint-can.....	G. W. Weber.....	830,122	Sept. 4	449	90	124	114
Paint composition.....	F. L. Buchanan.....	831,497	Sept. 18	3185	.....	124	857
Paint. Composition of matter to be used as.....	P. R. Herschman.....	822,946	June 12	1421	.....	122	2084
Paint displaying, testing, and demonstrating device.....	C. Shannon.....	830,679	Sept. 11	1597	330	124	428
Paint. Liquid cementing.....	H. Abraham.....	824,898	July 3	448	.....	123	120
Paint. Making.....	H. N. Potter.....	830,740	Sept. 11	1744	.....	124	471
Paint-mixer and lead-breaker.....	E. G. Appleton.....	833,498	Oct. 16	3016	640	124	2034
Paint or composition. Non-corrosive and antifouling.....	F. E. Dunnett.....	824,069	June 19	3654	.....	122	2630
Paint-remover.....	G. Michaelis.....	812,582	Feb. 13	2153	.....	120	2005
Paint-remover.....	G. Michaelis.....	823,801	June 19	3154	.....	122	2522
Paint, varnish, &c. Composition of matter for removing old.....	A. Neidhardt.....	816,359	Mar. 27	4844	.....	121	1210
Painting and preserving wood. Composition of matter for.....	E. Chevigny.....	824,974	July 3	599	.....	123	159
Painting machine. Card.....	J. W. Stocker.....	823,645	June 19	2867	605-6	122	2461
Painting machine. Wheel.....	J. C. Beardslee.....	834,249	Oct. 30	4746	1004	124	2548
Painting machine. Wheel.....	J. C. Beardslee and W. J. Critchley.....	834,250	Oct. 30	4749	1005	124	2549
Painting overhead wires. Device for.....	G. Welman.....	825,785	July 10	2288	476	123	604
Paintings. Producing copies of oil.....	H. Bogaerts.....	827,606	July 31	6023	1253	123	1578
Palette. Artist's.....	D. C. Smith.....	817,196	Apr. 10	1288	267	121	1704
Pallet.....	C. S. Long.....	822,139	May 29	6292	1341	122	1635
Pallet. Metallic.....	J. H. Earley.....	822,194	May 29	6407	1360	122	1662
Pallet setting and adjusting tool.....	W. B. Brosius.....	817,955	Apr. 17	2817	610	121	2089
Pan: See Ash-pan. Dust-pan. Baking-pan. Evaporating-pan. Bed-pan. Locomotive ash-pan. Cook and frying pan. Pie-pan. Drip-pan. Vacuum-pan. Dross-pan.							
Pan-and-roller mill for crushing and grinding.....	J. C. Wegerif.....	810,830	Jan. 23	4497	936	120	1103
Pan attachment.....	E. Kope.....	839,158	Dec. 25	3725	804	125	2408
Pan-lifter.....	A. G. Johnson.....	820,577	May 15	3157	680	122	824
Pans and the like to prevent burning. Attachment for.....	M. T. Roemer.....	823,699	June 19	2960	627	122	2480
Pans. Making.....	E. Katzinger.....	820,976	May 22	4007	851-2	122	1072
Panel cut-out and receptacle.....	F. T. Wheeler.....	809,873	Jan. 9	2513	522	120	586
Panel-board.....	E. R. Le Manquais.....	814,146	Mar. 6	286	57	121	63
Panel-board.....	J. J. Wesley.....	839,530	Dec. 25	4476	955	125	2590
Panel-board. Electric.....	M. H. Johnson.....	831,666	Sept. 25	3580	751	124	999
Panel construction.....	P. M. Wege.....	837,014	Nov. 27	4251	905	125	1181
Panel switch and cut-out.....	J. H. Trumbull.....	820,076	May 8	2160	470	122	545
Panorama-sight.....	A. Swasey.....	815,657	Mar. 20	3361	703	121	840
Pantaloon-creaser.....	J. Kulhawik.....	817,718	Apr. 10	2279	491-2	121	1912
Pantaloon. Means for suspending.....	C. J. Cleveland.....	824,907	July 3	465	91	123	124
Pantograph.....	N. H. Brown.....	809,246	Jan. 2	1267	257-8	120	280
Pantograph.....	A. Shaker.....	811,333	Jan. 30	5526	1152	120	1379
Pantograph.....	R. Hanssen.....	834,470	Oct. 30	5160	1096	124	2652
Paper.....	J. A. Wilkinson.....	818,500	Apr. 24	3879	834	121	2369
Paper.....	J. H. Greenstreet.....	827,863	Aug. 7	341	.....	123	1766
Paper and book holder. Combined.....	E. Pashley.....	822,691	June 5	935	191	122	1935
Paper and folding the same. Device for perforating or slitting sheets of.....	C. A. Sturtevant.....	839,046	Dec. 18	3457	747	125	2294
Paper and producing the same. Manifold.....	E. E. Linfoot.....	831,559	Sept. 25	3331	699-700	124	930
Paper and pulp screen.....	F. M. Chapman.....	814,587	Mar. 6	1170	245	121	254
Paper and the like. Device for cutting cylinder.....	F. G. J. Post.....	837,340	Dec. 4	125	32	125	1386
Paper-bag machine.....	F. E. Strasburg.....	809,230	Jan. 2	1208	246-7	120	268
Paper-bag machine.....	F. E. Strasburg.....	812,378	Feb. 13	1740	381-3	120	1921
Paper-bag machine.....	E. E. Claussen.....	813,280	Feb. 20	3499	771-2	120	2336
Paper-bag machine.....	W. Liddell.....	814,006	Feb. 27	4958	1098-9	120	2707
Paper-bag machine.....	F. E. Strasburg.....	816,193	Mar. 27	4486	951-3	121	1134
Paper-bag machine.....	W. M. Stone.....	820,678	May 15	3336	716	122	861
Paper-bag machine.....	W. A. Lorenz and J. Merritt.....	822,618	June 5	780	158-9	122	1900
Paper-bag machine.....	G. Hartman.....	823,776	June 19	3108	658-9	122	2512

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr:g.	Vol.	Page.
Paper-bag machine	E. Stanley	830,259	Sept. 4	725	146-51	124	183
Paper-bag machine	C. E. and W. T. Dulin	832,850	Oct. 9	1689	347-8	124	1660
Paper-bag machine	P. L. Bartholomew	837,275	Dec. 4	9	2-5	125	1357
Paper-bag machine. Self-closing	O. Desrosiers	822,252	June 5	48	11	122	1739
Paper-bag machines. Conveying mechanism for	O. Hesser	813,208	Feb. 20	3373	743	120	2309
Paper-bag-making machine	O. Hesser	813,207	Feb. 20	3366	740-2	120	2308
Paper-bag-making machine	T. P. Smith	820,071	May 8	2147	467-8	122	542
Paper bag or envelop	C. A. Meadows	824,878	July 3	397	76	123	109
Paper-bag rack	N. C. Halbert	811,142	Jan. 30	5146	1075-6	120	1276
Paper bags. Combined carrier and fastener for	H. J. Mortensen	835,455	Nov. 6	1162	251	125	292
Paper bags. Finishing or packaging press for	C. E. Dullin	838,392	Dec. 11	2241	485	125	1953
Paper-binder	F. N. Volkert	816,691	Apr. 3	291	68	121	1424
Paper-board. Corrugated	J. T. Ferris	825,307	July 10	1232	259	123	339
Paper bottle, cup, or other container	J. C. Kimsey	809,812	Jan. 9	2406	499	120	562
Paper bottles, cups, &c. Manufacture of	J. C. Kimsey and H. R. Heyl	809,813	Jan. 9	2408	499	120	562
Paper box	P. R. Warren	821,907	May 29	5854	1244	122	1537
Paper box	F. Knobloch	825,541	July 10	1771	372-3	123	475
Paper box	C. W. Hobbs	826,784	July 24	4272	888	123	1134
Paper box	H. M. L. Anderson	829,563	Aug. 28	3838	815	123	2737
Paper box	F. Knobloch	834,142	Oct. 23	4511	957-8	124	2445
Paper box	F. Knobloch	835,191	Nov. 6	637	131	125	162
Paper box	J. H. Mitchell	837,324	Dec. 4	95	25	125	1378
Paper-box-blank-stripping machine	L. C. Palmer	810,971	Jan. 30	4821	1002-3	120	1207
Paper box. Knockdown	F. H. Berold, Jr.	822,037	May 29	6108	1301	122	1593
Paper-box machine	J. H. Shearn	834,080	Oct. 23	4365	927-9	124	2404
Paper-box machines. Measuring attachment for	A. Bell	824,464	June 26	4443	943	122	2856
Paper-box-making machine	A. Oesterreich	815,626	Mar. 20	3297	690-1	121	826
Paper-box-making machine	C. E. White	824,769	July 3	162	28-30	123	48
Paper-box-making machine	E. H. Taylor	827,762	Aug. 7	138	29-31	123	1704
Paper box or carton	T. J. Landrum	812,212	Feb. 13	1413	307	120	1848
Paper box or container	J. C. Kimsey	816,338	Mar. 27	4794	1015	121	1199
Paper boxes. Machine for applying laces and flies to	P. S. Smith	825,009	July 3	657	133-4	123	172
Paper boxes. Machine for making necks for	A. Oesterreich	836,399	Nov. 20	2981	632	125	835
Paper boxes. Manufacture of	A. Oesterreich	815,858	Mar. 20	3813	807-8	121	936
Paper-cabinet	J. W. Meaker	810,293	Jan. 16	3407	705	120	827
Paper-cabinet	J. W. Meaker	810,294	Jan. 16	3410	705	120	827
Paper-cabinet	J. W. Meaker	810,295	Jan. 16	3414	706	120	828
Paper-cabinet	S. Wheeler	819,482	May 1	895	195-6	122	200
Paper carton	L. G. Reynolds	816,124	Mar. 27	4349	921	121	1104
Paper-clip	J. McLean	812,800	Feb. 13	2553	562	120	2086
Paper-clip	H. E. Hawkins	815,348	Mar. 20	2751	573	121	706
Paper-clip	J. Küster	817,574	Apr. 10	2043	430	121	1861
Paper-clip	A. G. Bowen	819,717	May 8	1351	292	122	364
Paper-clip	F. J. Klein	819,766	May 8	1459	312	122	386
Paper-clip	F. J. Klein	820,361	May 8	2702	589	122	665
Paper-clip	L. P. Hazen	834,801	Oct. 30	5831	1237	124	2822
Paper-coating machine	J. O. Parker	836,336	Nov. 20	2856	607	125	806
Paper. Colorably coating	E. J. and E. Taylor	835,579	Nov. 13	1399	300	125	398
Paper-cutter	F. Vandeven	834,540	Oct. 30	5288	1124	124	2686
Paper-cutter die attachment	W. E. Stirling	819,615	May 1	1127	249-50	122	253
Paper cutter. Roll	H. Helmeke	823,120	June 12	1803	371	122	2168
Paper cutting and folding apparatus. Toilet	J. H. Spoerl	839,521	Dec. 25	4457	950	125	2585
Paper cutting and pasting machine	J. S. Hughes and C. J. Prankard	838,252	Dec. 11	1984	425-6	125	1890
Paper cutting and smashing machine. Combined	T. C. Dexter	836,637	Nov. 20	3432	733	125	942
Paper-cutting machine	W. J. Ward	818,065	Apr. 17	3017	653	121	2132
Paper-cutting machine	A. Bredenbergh	819,718	May 8	1352	292-3	122	364
Paper-cutting machine	J. G. Hardie	823,119	June 12	1796	369-70	122	2167
Paper-cutting machine	F. L. Cross	826,480	July 17	3610	751-2	123	943
Paper-cutting machine	E. Z. Taylor	828,688	Aug. 14	1996	420-1	123	2196
Paper-cutting machine	F. Lipowsky	833,470	Oct. 16	2959	628	124	2022
Paper-cutting machine	S. K. White	839,351	Dec. 25	4100	881-2	125	2499
Paper-cutting mechanism	W. S. Truax	825,989	July 17	2661	553	123	712
Paper-cutting mechanism	C. W. Hobbs	837,683	Dec. 4	815	185	125	1556
Paper cutting or dividing machinery	B. Karfoll	835,190	Nov. 6	635	130-1	125	161
Paper-delivery	F. B. Davidson	815,008	Mar. 13	2009	422	121	492
Paper. Device for measuring the thickness of	B. S. Hudson	812,042	Feb. 6	1023	225-4	120	1697
Paper-drying machine	W. M. Barber	829,686	Aug. 28	4094	868	123	2798
Paper-embossing apparatus	T. Hawkins	816,657	Apr. 3	233	54	121	1412
Paper engine or beater	H. McGill	838,265	Dec. 11	2004	429	125	1895
Paper-fastener	J. C. Logan	834,625	Oct. 30	5475	1162	124	2732
Paper-fastener	G. L. Wheelock	837,363	Dec. 4	173	41	125	1399
Paper-fastener	H. L. Cowing	837,449	Dec. 4	346	81	125	1442
Paper-feeding and stencil-duplicating apparatus	A. B. Dick	828,465	Aug. 14	1557	329-30	123	2083
Paper-feeding apparatus	M. Baumgartner	824,401	June 26	4293	915	122	2823
Paper-feeding device	C. J. Lucy	820,804	May 15	3595	769	122	920
Paper-feeding machine	C. B. Stilwell	808,883	Jan. 2	510	110-15	120	114
Paper-feeding machine	H. Bradshaw	810,391	Jan. 23	3651	751-3	120	915
Paper-feeding machine	A. Bug	829,439	Aug. 28	3621	760-1	123	2683
Paper-feeding machine	T. C. Dexter	829,854	Aug. 28	4436	937-8	123	2882
Paper-feeding machine	G. R. Williams	836,164	Nov. 20	2501	525-6	125	718
Paper-feeding mechanism	C. Williams	813,127	Feb. 20	3226	707-8	120	2280
Paper-feeding mechanism	H. J. Williams	813,128	Feb. 20	3228	708	120	2280
Paper fixture. Toilet	H. J. Williams	819,488	May 1	907	199	122	202
Paper fixture. Toilet	H. J. Williams	819,682	May 1	1268	276	122	285
Paper-folding machine	A. E. Sexton	813,593	Feb. 27	4147	909-10	120	2537
Paper-folding machine	C. H. and W. D. Cooley	826,544	July 24	3806	788-9	123	1013
Paper-folding machine	J. H. Adams	836,235	Nov. 20	2646	557-8	125	754
Paper-folding machine	F. G. Nind and F. Julyan	839,313	Dec. 25	4023	865-7	125	2479
Paper for lithographic prints. Producing	L. W. Noyes	816,497	Mar. 27	5119	1085	121	1268
Paper from one roll to another. Roll for the accurate winding of a sheet of	W. B. Fleming	822,517	June 5	567	114	122	1851
Paper-gage	W. Smith	836,055	Nov. 13	2250	481	125	604
Paper. Grease and moisture proof	A. Weingartner	828,004	Aug. 7	634		123	1828
Paper, &c. Grease-proofing and moisture-proofing	L. P. Brown	838,607	Dec. 18	2656		125	2099
Paper hanger. Wall	C. O. Shirk	836,714	Nov. 27	3625	773	125	1025
Paper-hanger's handy device	A. C. Harris and E. C. Jarman	812,740	Feb. 13	2444	536	120	2062

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Paper-hanger's straight-edge holder.....	A. Schipke.....	835,892	Nov. 13	1984	419	125	540
Paper hobby-horse.....	M. Bellian.....	830,762	Sept. 11	1779	367	124	478
Paper-holder.....	J. Sim.....	809,330	Jan. 9	1445	293	120	352
Paper-holder.....	A. E. Sexton.....	813,594	Feb. 27	4149	910	120	2537
Paper holder and cutter. Roll.....	J. F. Finan.....	814,598	Mar. 6	1191	249	121	258
Paper holder and cutter. Roll.....	F. Kaufman.....	826,665	July 24	4047	839	123	1075
Paper holder and cutter. Roll.....	F. Kaufman.....	826,666	July 24	4051	839	123	1077
Paper holder and cutter. Roll.....	O. C. Fletcher.....	838,312	Dec. 11	2080	450	125	1914
Paper holder. Sticky-fly.....	G. and G. C. G. Laube.....	828,128	Aug. 7	876	180	123	1887
Paper holder. Toilet.....	H. T. af Zellen.....	830,400	Sept. 4	1014	212	124	250
Paper holder. Toilet.....	W. Pitschke.....	833,238	Oct. 16	2471	517	124	1901
Paper holder. Toilet.....	S. Lazar.....	837,479	Dec. 4	402	92	125	1456
Paper-knife. Cigar-cutting.....	H. H. James.....	824,023	June 19	3577	763	122	2613
Paper-machine.....	J. W. Packer.....	813,820	Feb. 27	4578	1011-13	120	2629
Paper-machine.....	J. Walsh.....	827,197	July 31	5150	1069	123	1367
Paper, &c. Machine for cutting and delivering sheets of.....	C. P. Cottrell.....	827,422	July 31	5617	1162	123	1479
Paper. Machine for facing corrugated.....	E. C. Rinner.....	833,243	Oct. 16	2477	519	124	1902
Paper. Machine for moistening and severing strips of gummed.....	L. W. Merriam.....	820,512	May 15	3032	653	122	797
Paper-machine head-box.....	W. McNaught.....	809,073	Jan. 2	882	187-8	120	195
Paper-machines. Felt-regulating device for.....	T. Hancock.....	813,288	Feb. 20	3524	777	120	2342
Paper. Magazine for holding toilet.....	L. T. Ellis.....	815,337	Mar. 20	2724	568	121	699
Paper-making apparatus.....	P. Couper.....	819,004	Apr. 24	4899	1052	121	2591
Paper-making. Apparatus for dissolving size for.....	B. Kniffler.....	816,864	Apr. 3	630	131	121	1498
Paper-making apparatus for separating sand, metal, and other impurities from pulp.....	J. Macnaughton.....	813,984	Feb. 27	4904	1086	120	2697
Paper-making. Dissolving size for.....	B. Kniffler.....	816,863	Apr. 3	629	131	121	1498
Paper-making. Dissolving size for.....	B. Kniffler.....	816,865	Apr. 3	632	131	121	1499
Paper-making machine.....	J. W. Moore and J. A. White.....	809,832	Jan. 9	2436	506	120	569
Paper-making machine.....	A. Aldrich.....	811,527	Jan. 30	5867	1230	120	1430
Paper-making machine.....	C. Tittel.....	816,402	Mar. 27	4938	1049-50	121	1230
Paper-making machine.....	W. F. Pickles.....	824,810	July 3	260	46	123	72
Paper-making machine.....	J. D. Pickles.....	824,830	July 3	310	57	123	86
Paper-making machine.....	W. F. Pickles.....	825,612	July 10	1909	405	123	507
Paper-making machines. Dandy-roll stand for.....	W. C. Nash.....	830,165	Sept. 4	533	108	124	135
Paper-making machines for the manufacture of one-side-colored, clouded-colored, and marbled papers. Apparatus for supplying coloring material in.....	C. Tittel.....	815,763	Mar. 20	3611	758	121	893
Paper-making machinery.....	R. B. Wolf and H. E. Tidmarsh.....	828,167	Aug. 7	939	193-4	123	1901
Paper. Making photographic.....	I. Hoffsummer.....	828,652	Aug. 14	1925	.....	123	2178
Paper. Manufacturing lined or enveloped tubes of parchment.....	G. H. Sachsenroder.....	809,846	Jan. 9	2467	513	120	576
Paper-marking apparatus.....	H. Rehlinghaus.....	831,744	Sept. 25	3720	778	124	1035
Paper or other material. Machinery for cutting and delivering sheets of.....	C. P. Cottrell.....	831,774	Sept. 25	3777	791	124	1050
Paper or other sheet material. Apparatus for perforating or dividing.....	B. Karfiol.....	835,283	Nov. 6	813	169-70	125	206
Paper package. Toilet.....	D. W. Underdown.....	839,439	Dec. 25	4285	916	125	2544
Paper packages. Producing interfolded.....	S. Wheeler.....	837,892	Dec. 4	1209	268	122	1654
Paper, paint, &c. Moistener or softener for wall.....	M. E. Hamill.....	827,864	Aug. 7	342	73	123	1755
Paper pasting and cutting device. Wall.....	M. A. Roberts.....	830,616	Sept. 11	1463	303	124	392
Paper pasting and turning-in machine.....	C. F. Root and B. O. Conn.....	822,480	June 5	480	98-9	122	1839
Paper-perforating machine.....	E. Southworth.....	824,044	June 19	3615	770	122	2621
Paper-perforating machine. Automatic.....	H. L. Davis.....	811,621	Feb. 6	168	37-8	120	1522
Paper. Perforating or dividing.....	B. Karfiol.....	835,189	Nov. 6	632	130	125	160
Paper-pulp-assorting apparatus.....	B. Kihlgren.....	811,938	Feb. 6	790	173	120	1650
Paper-pulp. Making.....	J. L. Coker, Jr.....	830,570	Sept. 11	1375	.....	124	369
Paper-pulp. Manufacture of.....	M. L. des Varannes and A. R. de Vains.....	818,206	Apr. 17	3310	.....	121	2195
Paper-pulp-refining engine.....	M. A. Mills.....	818,039	Apr. 17	2975	642-4	121	2123
Paper-pulp, terpenes, and resinous substances. Treating wood for the production of.....	G. P. Craighill and G. A. Kerr.....	817,960	Apr. 17	2825	.....	121	2091
Paper-rack.....	C. E. Gilbert.....	819,989	May 8	1950	430	122	495
Paper receptacle.....	J. C. Kimsey.....	833,607	Oct. 16	3240	689	124	2088
Paper receptacle.....	C. F. Jenkins.....	838,416	Dec. 11	2286	495	125	1965
Paper receptacle. Roll.....	W. A. Knilans.....	830,236	Sept. 4	678	136	124	171
Paper receptacles. Making.....	J. C. Kimsey.....	811,409	Jan. 30	5660	1186	120	1388
Paper-reel.....	E. Oberbeck.....	825,674	July 10	2079	434	123	554
Paper-refining engines. Driving mechanism for.....	E. C. Crocker.....	823,109	June 12	1776	366	122	2162
Paper-roll adjustment.....	F. B. Davidson.....	823,848	June 19	3240	686	122	2541
Paper-roll core.....	S. H. Smart.....	812,305	Feb. 13	1613	354	120	1894
Paper-roll holder.....	W. H. Hoell.....	828,115	Aug. 7	856	176	123	1883
Paper-rolls. Machine for making plugs for.....	E. Carver.....	818,016	Apr. 17	2933	634-5	121	2115
Paper-rolls. Paper-lifting device for.....	E. S. Brown.....	823,318	June 12	2217	462	122	2260
Paper-slitter.....	W. J. Lupton.....	823,797	June 19	3143	666	122	2520
Paper softening and sterilizing machine.....	C. E. Pope.....	834,488	Oct. 30	5205	1106	124	2664
Paper-stock. Machine for reducing rags for.....	J. L. Perkins.....	822,765	June 5	1062	218	122	1961
Paper-stock-refining engine.....	H. G. Saecker.....	820,522	May 15	3054	657-8	122	871
Paper strips or the like. Apparatus for perforating.....	A. Pollák.....	829,932	Aug. 28	4619	972	123	2929
Paper strips. Process and apparatus for making metal-coated.....	G. Bräunlein.....	818,144	Apr. 17	3187	685-6	121	2168
Paper-tarring apparatus.....	A. F. Millington.....	825,744	July 10	2215	462	123	586
Paper transmitting and controlling device.....	W. Scott.....	824,313	June 26	4107	878-9	122	2786
Paper tray.....	H. J. Brown.....	815,004	Mar. 13	1999	420	121	490
Paper tray.....	F. B. Davidson.....	815,007	Mar. 13	2007	422	121	492
Paper tray.....	F. B. Davidson.....	816,302	Mar. 27	4692	996	121	1179
Paper tray.....	F. B. Davidson.....	823,847	June 19	3238	685	122	2541
Paper tray.....	F. B. Davidson.....	823,934	June 19	3400	727	122	2577
Paper tray.....	F. B. Davidson.....	836,923	Nov. 27	4069	868	125	1137
Paper tray or receptacle.....	H. P. Shotts.....	823,898	June 19	3334	710	122	2563
Paper-trimmer.....	A. J. Perks.....	817,271	Apr. 10	1444	304	121	1736
Paper-trimmer. Rotary.....	F. M. Smith.....	821,757	May 29	5574	1186	122	1473
Paper trimming and pasting machine. Wall.....	J. Vogt.....	834,087	Oct. 23	4385	932-3	124	2410
Paper trimming and slitting machine.....	A. Aldrich.....	823,250	June 12	2085	434	122	2233
Paper vessel.....	C. T. Bloomer.....	822,910	June 12	1355	281-2	122	2071

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Paper. Wall-.....	J. J. Janeway.....	839,767	Dec. 25	4953	1057	125	2707
Paper. Watermarking of.....	W. K. Trotman.....	821,206	May 22	4456	949	122	1169
Paper web in paper-making machines. Apparatus for smoothing the.....	C. Tittel.....	828,149	Aug. 7	907	186	123	1893
Paper-winder.....	J. Butler.....	830,296	Sept. 4	803	164-5	124	201
Paper-winding machine.....	J. A. White.....	817,025	Apr. 3	955	196-7	121	1571
Paper-winding machine.....	J. A. White.....	817,026	Apr. 3	958	197	121	1571
Papers and the like. Making illuminated wall-.....	F. E. Holbrook.....	828,653	Aug. 14	1926	404	123	2178
Papers. Compound for protecting commercial.....	A. C. Knight.....	822,209	May 29	6434	.....	122	1668
Papers. Device for fastening folded.....	S. Schwarzschild.....	822,556	June 5	638	.....	122	1867
Papering-board and bucket-holding attachment therefor.....	W. R. Coon.....	812,115	Feb. 6	1156	254	120	1724
Parcel-bundling machine.....	E. B. Lamb.....	835,826	Nov. 13	1865	394	125	514
Parcel carrier or case. Collapsible.....	G. H. Adshead.....	823,751	June 19	3050	645-6	122	2498
Parcel-carrying strap.....	G. F. Albro.....	829,617	Aug. 28	3947	835	123	2763
Parcel-rack.....	J. A. Burton and E. H. Roy.....	823,258	June 12	2102	438	122	2236
Parchment. Manufacturing artificial.....	F. L. McClelland.....	815,201	Mar. 13	2426	506	121	589
Parer.....	G. Sachsenröder.....	821,434	May 22	4939	.....	122	1277
Parer for apples and other fruit.....	T. M. Guest.....	830,710	Sept. 11	1680	345	124	453
Parer. Potato-.....	D. F. Hunt.....	824,300	June 26	4085	873-4	122	2781
Parer. Vegetable.....	H. A. Mitchell and T. D. Singleton.....	811,652	Feb. 6	228	49	120	1535
Parer. Vegetable.....	W. F. Jetter.....	821,103	May 22	4260	906	122	1126
Paring device.....	O. P. G. Radsch.....	836,140	Nov. 20	2457	516-17	125	708
Partition-block.....	W. A. McCormack.....	818,276	Apr. 17	3446	741	121	2223
Partition construction.....	A. G. Pierce.....	834,024	Oct. 23	4245	900	124	2377
Partition structure.....	A. C. Raymond.....	829,671	Aug. 28	4049	858	123	2789
Party-line exchanges. Automatic release for.....	A. R. Speer.....	823,557	June 19	2698	571	122	2421
Party-line selector or lock-out.....	C. A. Anderson and W. Hagstrom.....	832,946	Oct. 9	1870	388	124	1701
Paste and making same. Discharging-.....	A. Marchand.....	831,364	Sept. 18	2941	624-5	121	794
Paste-applying apparatus.....	K. Reinking.....	820,889	May 15	3798	.....	122	964
Paste holding and applying device.....	W. L. Marsh.....	833,747	Oct. 23	3498	746	124	2195
Paste-pot.....	A. L. Smith.....	823,298	June 12	2172	453	122	2251
Paste-pot cover.....	R. P. Frist.....	813,086	Feb. 20	3125	685	120	2257
Paste-press.....	E. Hoffman.....	816,659	Apr. 3	235	55	121	1412
Paste. Weatherproof.....	S. Tofanelli.....	814,410	Mar. 6	842	173-4	121	183
Pasting-machine.....	M. Hennen.....	823,330	June 12	2237	.....	122	2265
Pasting-machine.....	U. G. Lee.....	826,039	July 17	2762	572	123	737
Pasteboard box.....	C. Owens.....	826,055	July 17	2801	581	123	746
Pasteboard-bending machine.....	F. P. Klein.....	834,527	Oct. 30	5268	1119	124	2680
Pasteurizer.....	I. L. Sheldon.....	815,479	Mar. 20	3018	629-30	121	763
Pasteurizer.....	C. H. Loew.....	817,495	Apr. 10	1889	398	121	1830
Pasteurizer or cooler.....	J. C. Miller.....	820,981	May 22	4023	855-6	122	1074
Pasteurizing apparatus.....	D. W. Payne.....	811,170	Jan. 30	5204	1088	120	1289
Pasteurizing process.....	H. E. Weber.....	831,813	Sept. 25	3844	805	124	1065
Pasty and confectionery molding machine.....	H. E. Weber.....	831,812	Sept. 25	3842	805	124	1065
Pastry. Hollow roll.....	C. M. Caboz.....	828,711	Aug. 14	2040	430	123	2206
Pathological conditions requiring a sitting position. Supporting apparatus for.....	F. Diener.....	809,100	Jan. 2	964	200	120	213
Pathological-work projector.....	D. G. Storms.....	810,580	Jan. 23	4050	833	120	1004
Pattern.....	H. A. Hughes.....	835,431	Nov. 6	1127	243	125	283
See Chair-hub pattern.....							
Pattern. Adjustable skirt.....	V. H. Goff.....	824,784	July 3	194	34-5	123	57
Pattern-chart.....	G. F. Parker and M. E. M. Whiting.....	823,738	June 19	3029	640-1	122	2493
Pattern-plates. Apparatus for use in manufacturing small metallic.....	P. Bonvillain.....	814,638	Mar. 6	1266	266	121	274
Pattern-plates. Manufacturing.....	P. Bonvillain.....	814,263	Mar. 6	514	107	121	111
Patterns. Applying powder to.....	F. Damhorst, A. Kemper, and E. Utke.....	815,297	Mar. 13	2597	.....	121	625
Patterns. Dovetail for.....	J. P. Exton and J. M. Hahn.....	821,997	May 29	6027	1284	122	1574
Patterns from molds. Apparatus for drawing.....	J. H. B. Bryan.....	827,416	July 31	5606	1159-60	123	1476
Patterns. Machine for transferring.....	H. P. Ball.....	819,263	May 1	452	95-6	122	412
Pavement.....	J. I. McDonald.....	814,797	Mar. 13	1617	339	121	106
Pavement.....	P. C. Reilly.....	829,293	Aug. 21	3248	684	123	2543
Pavement.....	P. C. Reilly.....	829,294	Aug. 21	3250	685	123	2543
Pavement. Anchored-block.....	A. W. Van Hafften and J. L. Gilmore.....	825,564	July 10	1806	382	123	483
Pavement and laying the same.....	W. E. Hassam.....	819,652	May 1	1210	.....	122	272
Pavement. Apparatus for raising asphalt.....	W. E. Kerns.....	819,142	May 1	207	43	122	52
Pavement mixture.....	W. S. Wilkinson.....	836,059	Nov. 13	2257	.....	125	605
Pavement or roadway.....	T. N. Badger.....	829,247	Aug. 21	3142	662	123	2517
Pavements. Draining apparatus and dust-collector for.....	W. H. Redemeyer.....	838,450	Dec. 11	2338	507	125	1978
Pavements. Producing.....	H. J. Rufi.....	839,424	Dec. 25	4253	.....	125	2537
Paving and building block.....	E. H. Mills.....	829,480	Aug. 28	3660	773	123	2693
Paving. Compressible packing for wood-block road-.....	C. W. Gregory, Jr.....	810,529	Jan. 23	3945	812	120	983
Paving. Means for removing asphalt.....	J. Gammie.....	828,734	Aug. 14	2093	442	123	2220
Paving or flag stone.....	S. W. Lerch.....	823,473	June 12	2486	525	122	2317
Paving-stones. Manufacturing artificial.....	W. Schumacher.....	809,225	Jan. 2	1199	.....	120	265
Paving. Wood.....	J. Duffy.....	829,002	Aug. 21	2619	552	123	2384
Pawl and ratchet.....	J. S. Fletcher.....	815,084	Mar. 13	2163	456	121	526
Pawl-and-ratchet mechanism.....	W. Trehwella.....	824,963	July 3	580	116	123	154
Pawl-and-ratchet tools. Shifter-lock for.....	Z. T. Furbish.....	819,536	May 1	990	217	122	223
Pea and bean hulling machine.....	W. E. Jones.....	838,862	Dec. 18	3133	675	125	2217
Pea-grader.....	J. H. Empson.....	827,909	Aug. 7	411	88	123	1772
Pea hulling and separating machine.....	J. E. Sanders.....	838,277	Dec. 11	2025	436-7	125	1900
Peanut-stemmer.....	C. F. Nelms.....	829,348	Aug. 21	3362	708	123	2572
Peanut-stemming machine.....	P. D. Gwaltney.....	828,736	Aug. 14	2095	443	123	2221
Peanut-thresher.....	J. T. Delk.....	809,097	Jan. 2	957	199	120	212
Peat and other materials. Method of and apparatus for compacting.....	F. Farrow.....	834,568	Oct. 30	5341	1135	124	2698
Peat-drier.....	P. J. Buckley.....	825,957	July 17	2604	541	123	605
Peat-mill.....	F. A. Pritschau.....	813,520	Feb. 27	4012	879-80	120	2508
Peat or turf. Apparatus for treating wet.....	M. Ekenberg.....	830,311	Sept. 4	832	171	124	209

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. & G.	Vol.	Page.
Peat-oven.....	P. J. Buckley.....	816,214	Mar. 27	4523	960-1	121	1142
Peat-turf. Production of half-stuff from.....	C. Esser.....	836,069	Nov. 13	2280		125	612
Pebble-mill.....	G. S. Emerick.....	820,559	May 15	3127	672	122	817
Pebble-mill.....	M. F. Abba.....	828,591	Aug. 14	1812	381	123	2149
Pedal-action. Noiseless.....	C. E. Forsythe.....	829,004	Aug. 21	2622	553	123	2384
Pedal and toe-clip. Combination.....	J. Fox.....	827,356	July 31	5445	1132	123	1438
Pedal attachment for pneumatically-operated instruments.....	N. D. Hosley.....	832,673	Oct. 9	1323	267	124	1571
Pedal. Extension.....	H. Taussig.....	816,512	Mar. 27	5151	1092	121	1276
Pedal-guard.....	C. H. Woodall.....	816,834	Apr. 3	570	119	121	1486
Pedal-mat.....	G. Winters.....	837,021	Nov. 27	4260	907	125	1183
Pedal mechanism.....	P. Richardson.....	831,100	Sept. 18	2444	515	124	671
Pedal. Self-locking.....	G. F. Discher.....	837,043	Nov. 27	4320	917	125	1198
Pedemobile.....	D. D. Wells.....	833,100	Oct. 9	2158	454-5	124	1774
Pedestal-mount.....	J. F. Meigs and H. G. Jakobsson.....	814,859	Mar. 13	1717	359	121	433
Pedestal-table.....	G. A. Davis.....	810,265	Jan. 16	3354	695	120	815
Pedestal-table.....	T. C. Beach.....	812,394	Feb. 13	1780	390	120	1928
Peel-blade tip.....	A. H. Swan, F. J. Finnegan, and E. G. Skillings.....	829,809	Aug. 28	4352	920	123	2862
Peeling machine. Vegetable.....	H. Robinson.....	809,582	Jan. 9	1962	408	120	463
Pegging-machine.....	B. F. Mayo.....	834,923	Nov. 6	92	18	125	26
Pellet-coating machine.....	J. Mangin.....	815,608	Mar. 20	3257	683	121	817
Pelt-cleaner.....	J. Hemingway.....	816,466	Mar. 27	5056	1073-4	121	1254
Pelt-stretcher. Universal.....	A. Hirsch.....	823,170	June 12	1896	391	122	2189
Pen.....	E. E. Kepner.....	818,258	Apr. 17	3420	733	121	2217
Pen.....	J. Schuchmann.....	827,393	July 31	5522	1149	123	1457
Pen and pencil case. Revolving.....	G. Kohlmeyer.....	827,539	July 31	5912	1225	123	1551
Pen and pencil holder.....	S. Cotler.....	816,783	Apr. 3	457	102	121	1458
Pen and pencil holder.....	E. O. Bulman.....	820,908	May 15	3834	818	122	972
Pen and pencil holder.....	C. Weaver.....	828,158	Aug. 7	923	189	123	1897
Pen and pencil holder.....	R. M. Dowlin.....	829,389	Aug. 28	3445	724	123	2638
Pen and pencil rack.....	F. Wenke.....	815,241	Mar. 13	2501	521	121	604
Pen. Automatically-adjustable drawing.....	J. A. Martin-Cooke.....	821,878	May 29	5796	1235	122	1522
Pen, blotter, and other appliance. Combined fountain.....	H. I. Lurye and N. H. Lewis.....	836,516	Nov. 20	3207	681	125	890
Pen cap and barrel. Fountain.....	J. N. Whitehouse.....	836,905	Nov. 27	4031	861-2	125	1129
Pen cap. Fountain.....	W. R. Kennedy.....	832,981	Oct. 9	1931	404	124	1716
Pen. Drawing.....	A. Mertes.....	817,861	Apr. 17	2608	563	121	2041
Pen-filling device. Fountain.....	R. G. Lockwood.....	816,345	Mar. 27	4809	1018-19	121	1202
Pen-filling device. Fountain.....	H. B. Smith.....	823,975	June 19	3486	744	122	2595
Pen for fountain-pens.....	V. L. Ochoa.....	825,153	July 3	924	196	123	213
Pen. Fountain.....	J. A. L. Snyder.....	808,880	Jan. 2	504	110	120	113
Pen. Fountain.....	F. M. Kegrize.....	810,284	Jan. 16	3392	702	120	824
Pen. Fountain.....	M. R. Crossman.....	810,327	Jan. 16	3482	720	120	843
Pen. Fountain.....	G. Sweetser.....	813,534	Feb. 27	4036	884	120	2513
Pen. Fountain.....	R. Conklin.....	814,520	Mar. 6	1040	215	121	227
Pen. Fountain.....	E. De la Rue.....	814,805	Mar. 13	1630	342	121	415
Pen. Fountain.....	J. Sinnott.....	814,990	Mar. 13	1969	414	121	483
Pen. Fountain.....	J. R. Robinson.....	815,217	Mar. 13	2455	512	121	595
Pen. Fountain.....	J. R. Robinson.....	815,218	Mar. 13	2457	512	121	595
Pen. Fountain.....	W. C. Luther.....	815,721	Mar. 20	3496	732	121	870
Pen. Fountain.....	W. N. Lancaster.....	816,344	Mar. 27	4808	1018	121	1202
Pen. Fountain.....	W. R. Rothwell.....	818,052	Apr. 17	2996	647	121	2127
Pen. Fountain.....	O. E. Weidlich.....	818,803	Apr. 24	4529	968	121	2511
Pen. Fountain.....	H. B. Levy.....	819,294	May 1	523	110	122	121
Pen. Fountain.....	F. C. Brown.....	819,719	May 8	1357	293	122	365
Pen. Fountain.....	J. Holland.....	821,940	May 29	5922	1260	122	1551
Pen. Fountain.....	A. Hall.....	823,328	June 12	2232	466	122	2263
Pen. Fountain.....	S. W. Jameson.....	824,700	July 3	205	37	123	39
Pen. Fountain.....	F. W. Bender.....	825,442	July 10	1551	320	123	423
Pen. Fountain.....	C. Dunn.....	826,552	July 24	3820	792	123	1016
Pen. Fountain.....	B. F. Flint.....	827,004	July 24	4692	977	123	1235
Pen. Fountain.....	D. B. Kaufmann.....	827,022	July 24	4724	985	123	1243
Pen. Fountain.....	G. F. Brandt.....	828,920	Aug. 21	2465	523	123	2345
Pen. Fountain.....	W. W. Sanford.....	828,973	Aug. 21	2563	542	123	2369
Pen. Fountain.....	F. O. Ellis.....	834,373	Oct. 30	4988	1056	124	2609
Pen. Fountain.....	W. A. Welty.....	834,541	Oct. 30	5289	1124	124	2686
Pen. Fountain.....	W. A. Welty.....	834,542	Oct. 30	5290	1124	124	2686
Pen. Fountain.....	J. J. Mead.....	834,744	Oct. 30	5692	1208	124	2787
Pen. Fountain drafting.....	G. P. Smith and P. Stokes.....	827,758	Aug. 7	126	28	123	1701
Pen. Fountain marking.....	J. Ballance.....	826,399	July 17	3446	715	123	902
Pen holding and releasing device.....	J. O. and H. E. Dodge.....	825,197	July 3	1007	213	123	263
Pen. Knocking.....	G. Schmidt and F. Schmidgall.....	811,958	Feb. 6	853	188	120	1662
Pen leaflet. Writing.....	C. Breul.....	825,296	July 10	1211	255	123	334
Pen. Marking.....	G. W. Lovering.....	839,164	Dec. 25	3738	807	125	2411
Pen-point guard.....	G. E. Woodbury.....	826,913	July 24	4534	943	123	1198
Pen-rack.....	D. Campbell.....	820,094	May 8	2197	478	122	553
Pen-rack.....	W. F. and M. H. Duryea.....	826,233	July 17	3136	651	123	826
Pen-rack and inkstand-holder. Combined.....	L. Tripodi.....	809,646	Jan. 9	2112	437	120	494
Pen. Reservoir.....	P. Orlywall.....	809,319	Jan. 9	1432	289	120	349
Pen. Reservoir.....	R. T. Gillespie.....	812,647	Feb. 13	2272	495	120	2027
Pen. Self-filling fountain.....	J. Ullrich.....	835,267	Nov. 6	785	164	125	198
Pen. Self-filling fountain.....	R. Conklin.....	836,180	Nov. 20	2534	532	125	727
Pen. Self-filling fountain.....	J. N. Whitehouse.....	836,906	Nov. 27	4033	862	125	1129
Pen-stamping machine.....	J. Gabrielson.....	837,049	Nov. 27	4332	919	125	1201
Pen support or holder. Fountain.....	W. M. Webb.....	831,394	Sept. 18	2998	637	124	838
Pen-wiper.....	J. R. Foster.....	816,086	Mar. 27	4281	907	121	1091
Pen-wiper.....	C. F. Perkins.....	826,270	July 17	3202	663	123	842
Pen-wiper.....	E. M. Phillips.....	832,078	Oct. 2	95	22	124	1234
Pen-wiper.....	J. S. Stull, Jr., and C. P. Berkes.....	835,332	Nov. 6	921	194	125	232
Pen-wiper.....	C. F. R. Stupe.....	836,149	Nov. 20	2477	520	125	713
Pens, &c. Holder for fountain.....	D. W. Beaumel.....	839,537	Dec. 25	4486	957	125	2592
Pens. Opener for fountain and similar.....	A. F. Cole.....	832,239	Oct. 2	456	84	124	1323
Pens, pencils, and the like. Holder for.....	G. B. de Schwertenberg.....	825,985	July 17	2650	550	123	709
Pens, pencils, and the like. Holder for.....	N. P. Rosdahl.....	836,652	Nov. 20	3463	739	125	950
Pens. Valve attachment for fountain.....	F. O. Conill.....	830,885	Sept. 11	1990	418	124	532

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Penholder	O. Johnson	809,692	Jan. 9	2194	454-5	120	514
Penholder	C. W. Boman	820,907	May 15	3333	818	122	971
Penholder	C. Dunn	821,993	May 29	6020	1283	122	1572
Penholder	A. H. Meach	822,008	May 29	6046	1288	122	1578
Penholder	R. H. Waller	826,633	July 24	3998	827	123	1063
Penholder	I. Stevens	833,646	Oct. 16	3309	703	124	2104
Penholder	M. L. Little	837,234	Nov. 27	4677	992	125	1287
Penholder and other finger-held tool	C. Holborn	824,863	July 3	370	70	123	101
Pencil	F. L. Rousseau	813,522	Feb. 27	4017	880	120	2509
Pencil	J. A. Stahle	823,705	June 19	2968	628	122	2482
Pencil	J. A. Stahle	823,706	June 19	2970	629	122	2482
Pencil and like sharpeners. Manufacture of cutters for	K. T. Weber	838,289	Dec. 11	2046	441	125	1905
Pencil and pen holder	L. Milliron	812,763	Feb. 13	2485	546	120	2070
Pencil attachment	R. A. Koehler	833,744	Oct. 23	3493	745	124	2194
Pencil-box	C. C. Fleming	820,773	May 15	3517	754	122	903
Pencil-case	A. L. Searle	831,480	Sept. 18	3159	668	124	850
Pencil-holder	I. C. Reesor	809,135	Jan. 2	1021	211	120	224
Pencil-holder	E. J. Brandt	814,670	Mar. 13	1354	282	121	354
Pencil-holder	E. M. Cyphers	815,515	Mar. 20	3083	642	121	779
Pencil-holder	A. R. Eldredge	818,879	Apr. 24	4668	1002	121	2540
Pencil-knife	J. H. Galland	827,860	Aug. 7	338	71	123	1754
Pencil, penholder, and like article	T. F. Handly	828,737	Aug. 14	2097	444	123	2221
Pencil-point protector	F. G. Benson	837,911	Dec. 11	1254	275	125	1708
Pencil-pointer	A. B. Dick	826,837	July 24	4379	912	123	1159
Pencil-sharpener	H. H. A. Schwarz	811,798	Feb. 6	501	112	120	1592
Pencil-sharpener	P. Garst	818,433	Apr. 24	3760	808-9	121	2345
Pencil-sharpener	J. A. Webster	819,104	May 1	140	29	122	36
Pencil-sharpener	J. A. Clough	819,123	May 1	182	37	122	47
Pencil-sharpener	F. Lagerholm	822,375	June 5	290	59	122	1789
Pencil-sharpener	R. M. Kantos	824,987	July 3	624	125	123	164
Pencil-sharpener	O. E. Hammond	830,663	Sept. 11	1572	324	124	423
Pencil-sharpener	F. J. Stutesman and B. F. Ferkick	831,753	Sept. 25	3733	781	124	1038
Pencil-sharpener	H. F. Hambruch	831,861	Sept. 25	3961	828	124	1093
Pencil-sharpener	W. H. Fern and S. D. Roberts	832,050	Oct. 2	45	11-12	124	1224
Pencil-sharpener	E. N. Gillilan	832,054	Oct. 2	50	13	124	1225
Pencil-sharpener	F. E. V. Baines	832,446	Oct. 2	861	166	124	1420
Pencil-sharpener	J. H. Cook	836,094	Nov. 20	2342	494	125	684
Pencil-sharpener	D. D. Rush	836,712	Nov. 27	3620	772	125	1024
Pencil-sharpener	G. Oberbeck	838,508	Dec. 11	2448	533	125	2005
Pencil sharpener. Lead	F. F. Esser	837,617	Dec. 4	681	156	125	1524
Pencil sharpening device. Lead and other	H. A. H. Guhl	830,662	Sept. 11	1571	323	124	422
Pencil-tip	F. McIntyre	813,108	Feb. 20	3173	694	120	2269
Pendulum-beat adjuster	E. W. Sartor	819,809	May 8	1550	329	122	409
Perambulator	G. Lauterer	839,009	Dec. 18	3381	730	125	2274
Perch-bracket	J. J. Droseskey	838,851	Dec. 18	3111	670	125	2211
Perch-support	F. E. Heierding	818,538	Apr. 24	3978	854	121	2390
Percolator	C. E. Trehwella	816,514	Mar. 27	5153	1093	121	1276
Percolator	G. E. Savage	821,124	May 22	4306	916	122	1135
Percolator	G. E. Savage and J. W. Chapman	821,125	May 22	4307	916	122	1136
Percolator	J. H. Wilson	832,108	Oct. 2	174	35	124	1256
Percolator	C. Wightman, J. W. Bishop, and W. H. Andreck	834,430	Oct. 30	5091	1081	124	2633
Percolator	H. C. Wright	835,804	Nov. 13	1826	385	125	505
Percolator	C. E. Trehwella	838,224	Dec. 11	1912	410	125	1874
Percussive device	J. Murphy	834,152	Oct. 23	4531	961	124	2450
Perforating and similar machines. Selecting mechanism for	P. J. Meahl	837,318	Dec. 4	83	22	125	1375
Perforating-machine	H. D. Jacobson	808,661	Jan. 2	79	17	120	19
Perforating-machine	H. S. Bergen	811,816	Feb. 6	527	118	120	1598
Perforating-machine	B. J. Lindgren	813,049	Feb. 20	3043	670-1	120	2238
Perforating-machine	J. S. Bancroft	828,449	Aug. 14	1520	320-1	123	2073
Perforating-machine	F. Hart	828,546	Aug. 14	1720	362-4	123	2125
Perforating-machine	S. D. Sturgis	838,147	Dec. 11	1763	378	125	1837
Perforating-machine. Electric	G. H. Davis	832,849	Oct. 9	1681	346-7	124	1651
Perforating-machines. Paper-feed for	P. J. Meahl	837,319	Dec. 4	85	23	125	1376
Perforator	C. A. Weidner	836,658	Nov. 20	3473	741	125	952
Perforator line-measuring mechanism	J. French	828,470	Aug. 14	1567	331	123	2086
Permutation-lock	E. Hertenstein	815,166	Mar. 13	2339	489	121	566
Permutation-lock	C. E. Blechschmidt	816,842	Apr. 3	583	121	121	1488
Permutation-lock	G. Eller	817,551	Apr. 10	2001	422	121	1853
Permutation-lock	W. Streeter and E. Wallis	821,548	May 22	5138	1096	122	1319
Permutation-lock	O. Katzenberger	825,735	July 10	2191	458	123	581
Permutation-lock	J. Clement	830,207	Sept. 4	626	126	124	159
Permutation-lock	C. A. E. Anröchte	831,921	Sept. 25	4096	853	124	1128
Permutation-lock	A. J. Stolt	839,333	Dec. 25	4071	873	125	2492
Peroxide of hydrogen. Stable solution of	W. Heinrich	825,883	July 10	2462	123	123	645
Petroleum. Apparatus for the rectification of	E. A. Barbet	836,732	Nov. 27	3680	785-6	125	1041
Petroleum-burner	G. Carl and A. Sohns	810,908	Jan. 30	4683	976	120	1175
Petroleum distillate. Deodorizing	J. Armstrong	837,655	Dec. 4	758	125	125	1542
Petroleum. Eliminating sulfur from the sulfur-containing constituents of	H. S. Blackmore	809,087	Jan. 2	932	194	120	206
Petroleum. Extracting sulfur from the sulfur-containing constituents of	H. S. Blackmore	809,086	Jan. 2	929	194	120	206
Pharmaceutical compound	F. Hofmann	822,370	June 5	281	122	122	1787
Phase-splitter	H. H. Cutler	821,023	May 22	4104	873	122	1093
Phonograms. Duplicating	M. Joyce	831,668	Sept. 25	3583	752	124	999
Phonograph	E. M. Robinson	813,670	Feb. 27	4296	945-6	120	2569
Phonograph	P. Weber	821,071	May 22	4205	894	122	1114
Phonograph	W. W. Rosenfield	831,630	Sept. 25	3474	729	124	966
Phonograph	W. W. Rosenfield	831,895	Sept. 25	4048	843	124	1116
Phonograph	E. Sollors	832,703	Oct. 9	1380	278	124	1584
Phonograph	E. C. Smith	836,470	Nov. 20	3118	662	125	867
Phonograph	C. W. Noyes	836,940	Nov. 27	4098	875	125	1144

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Phonograph and graphophone records. Portable cabinet-carrying case for	H. W. Topham	822,875	June 5	1276	263-4	122	2005
Phonograph and stereopticon. Combined	J. Ballance	823,022	June 12	1591	329	122	2124
Phonograph attachment	Z. T. Grover	811,633	Feb. 6	202	43	120	1529
Phonograph attachment	J. V. Cruso	829,848	Aug. 28	4428	935	123	2880
Phonograph for duplicating phonographic records	F. L. Capps	836,089	Nov. 20	2332	492-3	125	679
Phonograph, gramophone, and other similar sound-reproducing machines.	F. F. Shanks	822,024	May 29	6074	1294	122	1585
Phonograph-horn	C. A. Senné	811,877	Feb. 6	651	142-3	120	1623
Phonograph-horn	J. T. Brown	813,999	Feb. 27	4937	1092	120	2704
Phonograph-horn	P. Weber	820,158	May 8	2317	506	122	579
Phonograph-horn	W. S. Fernan	829,066	Aug. 21	2758	580	123	2420
Phonograph-horn. Folding	J. T. Brown	811,900	Feb. 6	703	154	120	1634
Phonograph-horn. Separable	E. Weislowits	835,338	Nov. 6	932	197	125	235
Phonograph-horn support	L. P. Halladay	836,031	Nov. 13	2207	473	125	593
Phonograph-horn support. Extensible	J. K. Ziegenhorn	819,966	May 8	1895	419	122	483
Phonograph-machine	B. Dubinski	817,756	Apr. 17	2378	511	121	1991
Phonograph. Magazine	C. C. Shigley	816,608	Apr. 3	123	27-8	121	1384
Phonograph-record	V. M. Harris	837,927	Dec. 11	1285	281	125	1716
Phonograph-record cabinet	B. C. Carman	817,956	Apr. 17	2819	610	121	2090
Phonograph-record cabinet	F. Buehler	832,954	Oct. 9	1887	392	124	1706
Phonograph-record cleaner	H. A. Place	831,987	Sept. 25	4213	880	124	1158
Phonograph-record cleaner	F. E. Forsell	832,249	Oct. 2	477	88	124	1328
Phonograph record or blank	T. A. Edison	839,372	Dec. 25	4139	888	125	2509
Phonograph record-roll	C. C. Shigley and S. H. Paxton	822,485	June 5	500	101	122	1835
Phonograph-records. Apparatus for applying pigment to engraved ends of	J. F. Ott	813,514	Feb. 27	3997	876-7	120	2503
Phonograph-records. Apparatus for duplicating	I. Kitsee	833,689	Oct. 16	3394	723	124	2123
Phonograph-records. Duplicating	V. M. Harris	837,061	Nov. 27	4356	923	125	1208
Phonograph repeating attachment	E. L. Aiken	810,018	Jan. 16	2826	584-5	120	704
Phonograph repeating attachment	E. L. Aiken	820,165	May 8	2332	508	122	581
Phonograph repeating attachment	E. L. Crabb	828,598	Aug. 14	1821	383-4	123	2152
Phonograph reversing-gear	A. W. Cole	829,195	Aug. 21	3051	639	123	2497
Phonograph sound-box	A. Fischer	825,119	July 3	855	177	123	227
Phonograph speed-index	P. Weber	811,010	Jan. 30	4896	1021	120	1224
Phonograph tone-regulator	E. M. Robinson	831,188	Sept. 18	2599	547	124	706
Phonographs and other talking-machines. Returning device for	T. F. Morrissey	831,455	Sept. 18	3110	658-9	124	837
Phonographs and the like. Sound-box for	P. Lebedzinski	825,738	July 10	2199	459	123	582
Phonographs, ear-trumpets, &c. Horn for	G. H. Villy. (Reissue)	12,442	Jan. 30	5888	1235	120	1435
Phonographs. Frictional reproducing attachment for	A. N. Pierman	829,123	Aug. 21	2884	605	123	2455
Phonographic horn. Folding	M. L. Munson	813,814	Feb. 27	4565	1009	120	2626
Phonographic-outfit case	M. Hemstreet, Jr.	827,528	July 31	5887	1218-19	123	1545
Phonographic records. Mandrel for	W. H. Gates	825,045	July 3	719	151	123	193
Phonographic sound-records. Production of	W. F. Nehr	834,485	Oct. 30	5190	1103	124	2660
Phosphorus compound and making same	G. Martell	820,587	May 15	3170	.....	122	827
Photo-holder	J. Wallick	811,008	Jan. 30	4893	1020	120	1223
Photograph and making same. Diffraction color	H. E. Ives	817,569	Apr. 10	2034	429	121	1859
Photograph-developing apparatus. Automatic	G. N. Pifer	833,626	Oct. 16	3269	696	124	2095
Photograph-printing apparatus	E. I. Brown	810,907	Jan. 30	4681	976	120	1175
Photographs. Apparatus for permitting the successive exhibition of	C. Fougerat	808,830	Jan. 2	405	89	120	90
Photographs. Daylight developer for	F. C. Bradburn	837,541	Dec. 4	514	119	125	1484
Photographs in natural colors. Production of	J. Szczepanik	821,200	May 22	4445	946	122	1168
Photographs. Material for printing multiple	H. C. J. Deeks	834,048	Oct. 23	4288	910	124	2387
Photographs or pictures. Mounting	J. M. Elliot	818,084	Apr. 17	3058	659	121	2140
Photographer's return-envelope	T. Edean	814,437	Mar. 6	894	183	121	195
Photographic apparatus	A. D. Erickson	823,465	June 12	2474	523	122	2314
Photographic apparatus	C. Mottl	838,042	Dec. 11	1516	326	125	1775
Photographic appliance	S. De Vall and J. Tait	833,448	Oct. 16	2905	616	124	2011
Photographic developer	B. L. Williams	838,488	Dec. 11	2417	.....	125	1997
Photographic developing apparatus	C. E. Harris	817,768	Apr. 17	2409	516	121	1997
Photographic developing apparatus	G. Eastman	822,437	June 5	394	82	122	1810
Photographic developing apparatus	A. W. McCurdy	823,623	June 19	2814	597	122	2447
Photographic developing apparatus	C. Fennell	834,463	Oct. 30	5148	1093	124	2649
Photographic developing-cabinet	E. O. Kepler	810,418	Jan. 23	3714	766	120	929
Photographic-film cartridge	H. L. Gray	820,492	May 15	2978	643	122	784
Photographic-film exposing and developing machine	G. C. Beidler	810,388	Jan. 23	3637	749-50	120	911
Photographic-film package	I. de Caeste	839,107	Dec. 25	3622	782	125	2381
Photographic-film roll	E. C. Davidson	832,460	Oct. 2	888	171	124	1426
Photographic films. Developing-receptacle for	S. W. Smith	816,392	Mar. 27	4919	1045	121	1226
Photographic films. Magazine-box for	J. Carpentier	832,237	Oct. 2	453	84	124	1322
Photographic flash-light apparatus	T. C. Smith and W. A. Martin	814,243	Mar. 6	469	97-8	121	102
Photographic-lens mount	E. Bausch	830,820	Sept. 11	1876	391-2	124	503
Photographic mask	F. A. Hillhouse	810,143	Jan. 16	3092	638	120	761
Photographic paper. Self-toning	C. S. Poulsen	836,461	Nov. 20	3109	.....	125	865
Photographic papers. Manufacturing	I. Hoffsummer	812,204	Feb. 13	1399	.....	120	1844
Photographic plate and film lifter	J. J. Lintz	808,936	Jan. 2	615	134	120	136
Photographic-plate carrier	E. L. Lumière	811,498	Jan. 30	5810	1216	120	1418
Photographic plate for color photography	A. and L. Lumière	822,532	June 5	590	119	122	1856
Photographic-plate holder	G. Geiger	824,352	June 26	4190	895	122	2803
Photographic plate or film holder	G. Wishart	830,950	Sept. 11	2107	445	124	559
Photographic plates. Developing-table for	M. S. Clawson	838,167	Dec. 11	1800	386	125	1847
Photographic plates. Washing-box for	D. S. Jacobus	820,646	May 15	3263	702	122	847
Photographic postal or mailing card	G. N. Pifer	817,663	Apr. 10	2195	468	121	1894
Photographic-printing apparatus	W. L. Bierbrauer	827,954	Aug. 7	521	107	123	1802
Photographic-printing apparatus	H. V. Siim-Jensen	833,488	Oct. 16	2997	636	124	2030
Photographic-printing cabinet	O. C. Courtwright and A. D. Mika	815,267	Mar. 13	2537	533	121	611
Photographic-printing cabinet	W. J. Maddox	832,141	Oct. 2	251	48	124	1274
Photographic-printing device	W. H. Brown	812,816	Feb. 20	2558	569	120	2513
Photographic-printing frame	J. R. Spencer	813,531	Feb. 27	4033	884	120	2513
Photographic-printing-frame attachment	J. C. F. Nyser	815,206	Mar. 13	2435	508	121	591
Photographic-printing frames. Shutter for	J. Kaut	836,928	Nov. 27	4082	871	125	1140
Photographic-printing machine	G. N. Winslow	836,660	Nov. 20	3478	742	125	953
Photographic prints for reproduction. Preparing	J. H. Eggers	838,610	Dec. 18	2660	571	125	2100

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Photographic proofs. Producing multicolored.....	S. Vathis.....	809,651	Jan. 9	2118		120	496
Photographic purposes. Automatic device for.....	W. H. Greene.....	809,369	Jan. 9	1531	311	120	371
Photographic sensitive emulsions. Base or support for.....	J. Findlay.....	822,107	May 29	6233		122	1621
Photographic sensitized surfaces. Light-tight packet for.....	O. Becker.....	838,939	Dec. 18	3263	705	125	2244
Photographic sheet.....	W. H. James.....	816,861	Apr. 3	625	130	121	1497
Photographic shutter.....	H. B. Perry.....	815,552	Mar. 20	3156	661	121	794
Photographic shutter.....	G. Dietz.....	827,513	July 31	5850	1212	123	1536
Photographic shutter.....	A. Wollensak.....	831,202	Sept. 18	2622	551-2	124	711
Photographic shutter.....	A. Wollensak.....	831,256	Sept. 18	2732	575-6	124	741
Photographic shutter.....	M. Klaiber.....	834,812	Oct. 30	5850	1241	124	2826
Photographic shutter.....	R. Klein.....	839,154	Dec. 25	3710	801	125	2405
Photographic shutter.....	R. Klein.....	839,155	Dec. 25	3715	802	125	2406
Photographic-shutter casing.....	E. W. Parker.....	826,269	July 17	3200	663	123	841
Photographic shutters. Automatic tripping device for.....	A. E. Watts.....	809,346	Jan. 9	1483	300	120	362
Photographic shutters, color-screens, &c., to photographic-lens mounts. Means for clamping.....	A. Wollensak.....	819,110	May 1	151	31	122	38
Photographic vignetter.....	G. F. Fraley.....	837,048	Nov. 27	4330	918	125	1200
Photographically-printed sheets. Finishing.....	C. F. Pease.....	831,520	Sept. 18	3241	684	124	872
Photography.....	J. W. Ippers.....	812,748	Feb. 13	2453	538-9	120	2064
Photography.....	C. E. C. Kinney.....	835,623	Nov. 13	1484	317	125	418
Photography. Color.....	W. C. South.....	827,188	July 31	5137		123	1364
Photography. Color.....	N. H. Hyde.....	827,241	July 31	5225	1085	123	1385
Photography. Frame with triple plate-holders for color.....	J. Frachebourg.....	833,782	Oct. 23	3567	762	124	2212
Photography. Reducing agent or composition for use in.....	H. E. Smith.....	816,751	Apr. 3	389		121	1445
Photography. Trichromatic.....	B. Jumeaux and W. N. L. Davidson.....	814,215	Mar. 6	418		121	91
Photolithography and the like. Half-tone.....	A. Stephan.....	818,574	Apr. 24	4048		121	2405
Photometer. Flicker-.....	J. T. Dempster.....	815,800	Mar. 20	3685	777	121	909
Physical-culture appliance.....	M. A. Wilcox.....	822,329	June 5	212	42	122	1773
Pianissimo action.....	H. O. Clark.....	828,460	Aug. 14	1549	327	123	2081
Pianissimo device.....	C. Morgan.....	823,616	June 19	2801	593	122	2444
Piano.....	W. D. Callow.....	816,641	Apr. 3	202	47	121	1405
Piano.....	J. A. Weser.....	818,496	Apr. 24	3870	833	121	2367
Piano.....	G. W. Weser.....	824,224	June 26	3949	846	122	2753
Piano.....	R. Eastwood.....	825,202	July 3	1022	216	123	266
Piano.....	F. Gehring.....	833,923	Oct. 23	3917	830	124	2301
Piano.....	J. H. Taylor.....	835,580	Nov. 13	1400	301	125	398
Piano.....	T. J. Howard.....	839,478	Dec. 25	4362	933	125	2562
Piano-action.....	J. W. Darley, Jr.....	810,920	Jan. 30	4717	984-5	120	1185
Piano-action.....	W. C. Vogel and H. K. Snell.....	812,705	Feb. 13	2375	520	120	2047
Piano-action.....	E. Werner.....	813,263	Feb. 20	3470	766	120	2330
Piano-action.....	F. B. Long.....	814,972	Mar. 13	1924	404	121	475
Piano-action.....	J. L. Wilson.....	819,328	May 1	602	127	122	138
Piano-action.....	C. A. Lambert.....	820,506	May 15	3018	649	122	793
Piano-action.....	L. H. Battalia.....	827,952	Aug. 7	518	106	123	1800
Piano-action bracket.....	J. Davenport.....	814,117	Mar. 6	231	45	121	50
Piano-action flange.....	F. C. Billings.....	810,701	Jan. 23	4264	884	120	1053
Piano-action flange.....	F. C. Billings.....	822,716	June 5	983	200	122	1945
Piano-action, mechanical player.....	P. Krumscheid.....	818,630	Apr. 24	4170	897	121	2432
Piano-action. Pneumatic.....	A. Anderson.....	821,917	May 29	5874	1249	122	1541
Piano-action. Repetition.....	H. Hauser.....	821,288	May 22	4612	984	122	1204
Piano-actions. Damper-lever flange for.....	W. W. McCall.....	809,970	Jan. 16	2728	561	120	684
Piano-actions. Hammer-butt flange for.....	W. W. McCall.....	831,176	Sept. 18	2573	542	124	702
Piano-actions. Hammer-supporting flange for.....	C. F. Blinn.....	809,042	Jan. 2	825	177	120	182
Piano-actions. Rail attachment for.....	F. G. Billings.....	821,455	May 22	4975	1057	122	1285
Piano attachment.....	W. C. Creighton and C. M. Banker.....	811,279	Jan. 30	5424	1130-1	120	1338
Piano attachment. Automatic.....	F. P. Smith.....	828,293	Aug. 7	1205	251	123	967
Piano attachment. Automatic.....	J. A. Smith. (Reissue).....	12,562	Nov. 20	3493	744	125	956
Piano attachment. Self-playing.....	J. W. Darley, Jr.....	813,356	Feb. 20	3665	804	120	2370
Piano attachment. Self-playing.....	J. W. Darley, Jr.....	838,501	Dec. 11	2438	529-30	125	2070
Piano. Automatic combination.....	N. D. Hosley.....	816,726	Apr. 3	346	79-80	121	1437
Piano-bridge.....	F. Meyer.....	812,510	Feb. 13	1994	437	120	1973
Piano card-punching machine.....	R. Johnston.....	834,136	Oct. 23	4502	955	124	2442
Piano-case-lid support.....	C. Kohler.....	836,689	Nov. 27	3579	763	125	1014
Piano. Combined manually and mechanically operated.....	E. J. Knabe, Jr., and H. Mallebro.....	837,687	Dec. 4	821	186	125	1558
Piano-hammer extractor.....	C. H. Lang.....	812,503	Feb. 13	1976	434	120	1968
Piano-key.....	J. Doyle.....	820,289	May 8	2582	562	122	638
Piano-orchestration.....	J. C. Hofmann.....	831,072	Sept. 18	2375	500	124	658
Piano-pedal.....	E. Bornhoeft.....	820,622	May 15	3228	694	122	839
Piano-pedal extension. Adjustable.....	J. R. Drew.....	839,276	Dec. 25	3963	851	125	2464
Piano-pedal guard.....	M. E. Clements.....	810,325	Jan. 16	3480	719	120	842
Piano-player. Automatic.....	J. Sampere.....	816,605	Apr. 3	118	26	121	1383
Piano-player. Electrical.....	P. B. Kehoe.....	809,305	Jan. 9	1393	283-4	120	342
Piano-player. Mechanical.....	J. O'Connor.....	811,082	Jan. 30	5011	1047	120	1249
Piano-players. Detachable key-changer for pneumatic.....	E. E. Flora.....	815,412	Mar. 20	2910	603	121	741
Piano-players. Expression mechanism for mechanical.....	I. B. Smith.....	825,618	July 10	1925	408	123	511
Piano-players. Music-sheet mechanism for.....	J. J. Healy.....	839,758	Dec. 25	4936	1054	125	2703
Piano-playing attachment.....	H. McPhaill.....	808,774	Jan. 2	304	66-7	120	69
Piano-playing mechanism. Electrical.....	C. E. Brown.....	822,881	June 5	1288	265	122	2008
Piano-playing mechanisms. Motor for.....	A. A. and H. S. Hasselquist.....	837,828	Dec. 4	1081	241-2	125	1622
Piano-protector.....	W. Hoskin and J. A. Noonan.....	814,544	Mar. 6	1094	227	121	238
Piano-repairer's tool.....	S. M. King.....	810,285	Jan. 16	3395	702	120	824
Piano. Self-playing.....	J. W. Darley, Jr.....	813,355	Feb. 20	3664	803-4	120	2370
Piano. Self-playing.....	G. W. Burchett.....	817,545	Apr. 10	1986	420	121	1851
Piano. Self-playing.....	J. W. Darley, Jr.....	839,557	Dec. 25	4521	964	125	2600
Piano. Self-playing.....	J. W. Darley, Jr.....	839,558	Dec. 25	4523	965	125	2601
Piano. Self-playing.....	J. W. Darley, Jr.....	839,559	Dec. 25	4525	965-6	125	2602
Piano. Self-playing.....	E. J. Knabe, Jr.....	839,602	Dec. 25	4603	982-3	125	2621
Piano-shield.....	M. Tuggle.....	814,174	Mar. 6	336	68	121	73

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr.g.	Vol.	Page.
Piano sound-deflector.	T. W. Freeborne.	831,852	Sept. 25	3935	822	124	1088
Piano sounding-board.	T. Wolfram.	838,154	Dec. 11	1773	381	125	1839
Piano-stringing hammer.	C. J. Hundman.	820,418	May 15	2833	617	122	751
Piano swinging frames. Regulating-hinge for.	I. E. Bretzfelder and R. K. Thumler.	809,043	Jan. 2	827	177	120	182
Piano-tone-modulating device.	J. Sampere.	812,237	Feb. 13	1462	320-1	120	1859
Piano touch-regulating attachment.	L. Harriss.	838,711	Dec. 18	2849	612-13	125	2147
Piano. Violin-	J. L. Warner.	836,844	Nov. 27	3889	830	125	1095
Piano wrest-plank.	R. Cable, Jr.	835,129	Nov. 6	514	103	125	132
Pianos. Disappearing pedal for automatic.	M. Clark.	821,460	May 22	4982	1058	122	1287
Pianos or musical instruments. Pedal-board and pedal for self-playing	W. F. Cooper.	830,823	Sept. 11	1883	392	124	505
Pianos. Presser-bar for.	J. E. and J. W. Matthews.	824,498	June 26	4500	954	122	2869
Pianos. Repetition-action for.	J. Schaaf.	818,473	Apr. 24	3824	823	121	2358
Pianoforte.	J. W. Galloway.	813,791	Feb. 27	4524	999	120	617
Pick.	W. G. Fine.	827,432	July 31	5637	1168	123	1484
Pick.	J. B. Lucas.	834,479	Oct. 30	5182	1101	124	2658
Pick.	A. Bohy.	838,944	Dec. 18	3272	707	125	2246
Pick-carrier.	J. B. Kitterman.	839,298	Dec. 25	4001	859	125	2474
Pick-finding device.	J. G. King.	839,485	Dec. 25	4376	935-6	125	2565
Pick holder and carrier.	J. G. Bird.	828,805	Aug. 14	2219	472	123	2253
Pick. Miner's.	W. S. Palmer.	817,512	Apr. 10	1925	406	121	1838
Pick. Miner's.	J. Beeton.	828,299	Aug. 14	1239	256	123	2000
Pick-point. Removable.	C. Bourque.	836,856	Nov. 27	3906	834	125	1100
Picker:							
See Casein-picker.	Cucumber-picker.						
Corn-picker.	Fruit-picker.						
Cotton-picker.	Onion-picker.						
Cranberry-picker.	Loom-picker.						
Picker-check.	F. O'Donnell.	828,676	Aug. 14	1966	414	123	2188
Picker-drum-operating means.	C. Walmstey.	820,838	May 15	3681	785	122	938
Picker-stick back-stop.	P. L. Peterson.	8 3,025	Sept. 25	4282	895	124	1175
Picket-pointing machine.	E. Demarest.	826,517	July 24	3813	790	123	1014
Pickle-grading machine.	T. C. Yeager.	814,762	Mar. 13	1540	326	121	397
Pickling-cradle.	W. H. Richards.	837,120	Nov. 27	4464	947	125	1235
Pickling-vat cage.	R. Richards.	838,456	Dec. 11	2355	511	125	1982
Picture and curtain hanger.	E. J. Hawks.	833,066	Sept. 18	2364	498	124	655
Picture and sound reproducing apparatus.	W. H. Baker.	814,663	Mar. 13	1338	279-80	121	351
Picture apparatus. Moving.	R. C. Wagner.	811,341	Jan. 30	5544	1156-7	120	1363
Picture, cardboard, and the like hanger.	J. D. Walsh.	823,379	June 12	2315	486	122	2280
Picture-displaying apparatus.	S. Zaesek and E. O. Gottlieb.	811,610	Feb. 6	146	32-3	120	1517
Picture-exhibiting apparatus. Moving.	N. Bower.	809,981	Jan. 16	2746	564-5	120	688
Picture-exhibiting machines. Film-holder for.	M. Smith.	824,406	Mar. 6	835	172	121	181
Picture-exhibitor.	J. J. Todd.	824,266	June 26	4031	863	122	2776
Picture-exhibitor and phonograph. Combined.	E. L. Crabb.	832,508	Oct. 16	3032	643-4	124	2038
Picture-frame.	E. G. Anthony.	811,355	Jan. 30	5566	1161	120	1366
Picture-frame.	A. G. Schrick.	822,633	June 5	812	165	122	1907
Picture frame and mount. Combined.	F. W. Sweet.	828,984	Aug. 21	2586	546	123	2374
Picture frame and mounting.	F. B. Stovel.	823,307	June 12	2197	458	122	2256
Picture-frame hanger.	L. Feldmann, Jr.	821,159	May 22	4371	930	122	1152
Picture-frame jointer.	J. E. Braggins.	817,466	Apr. 10	1839	385	121	1820
Picture-frames. Protective cover for.	F. L. Brown.	836,010	Nov. 13	2173	466	125	584
Picture-hanger.	W. W. Pursell.	814,163	Mar. 6	318	64	121	69
Picture-hanger.	C. S. Armstrong.	828,012	Aug. 7	646	132	123	1890
Picture-hanging device.	L. Horinko.	822,048	May 29	6127	1305	122	1597
Picture machine. Motion.	J. E. Cahill and C. F. Jenkins.	819,514	May 1	950	208	122	212
Picture machines. Automatic shutter for moving.	A. D. Palmer.	826,524	July 17	3743	776	123	982
Picture-mount.	R. A. Averitt.	831,109	Oct. 9	2182	458	124	1780
Picture or similar frame.	W. I. Sherwood.	838,816	Dec. 18	3048	657	125	2195
Pictures and the like. Means for displaying.	A. E. Peake.	811,432	Jan. 30	5707	1195	120	1396
Pictures. Apparatus for exhibiting moving.	N. Power.	826,112	July 17	2917	605	123	775
Pictures. Apparatus for producing moving.	H. A. Farrand.	822,730	June 5	1008	205-6	122	1950
Pictures. Projecting.	B. A. Levy.	829,276	Aug. 21	3212	675	123	2535
Pictures. Protective gate for moving.	L. Bories.	823,913	June 19	3361	716	122	2568
Pie-crimper and crust-cutter.	N. F. Clem.	820,553	May 15	3113	670	122	814
Pie-crust-rolling machine.	O. Colborne and F. Deuerling.	820,860	May 29	5765	1227	122	1515
Pie cutter and crimper.	W. A. Beamer.	831,208	Sept. 18	2635	554	124	715
Pie guard. Pastry-	E. L. Cole.	830,492	Sept. 11	1205	252	124	326
Pie-machine.	O. Colborne and F. Deuerling.	837,042	Nov. 27	4318	917	125	1197
Pie-making machine.	J. C. Hutchison.	817,488	Apr. 10	1876	395	121	1827
Pie-making machine.	O. Colborne.	821,784	May 29	5623	1198-9	122	1484
Pie-making machine.	J. C. Hutchison.	835,756	Nov. 13	1726	367-8	125	477
Pie-making-machine conveyer.	J. C. Hutchison.	815,707	Mar. 20	3471	724	121	865
Pie-pan.	F. T. Blynt.	835,212	Nov. 6	676	139	125	172
Pier. Bridge-	C. E. Fowler.	828,469	Aug. 14	1566	331	123	2086
Pier construction. Cylinder-	W. H. Healy.	814,959	Mar. 13	1898	399	121	470
Piers and the like. Construction of.	A. N. Spooner.	839,434	Dec. 25	4269	913-14	125	2541
Piers. Constructing.	F. Shuman.	831,481	Sept. 18	3160	669	124	850
Pig-iron-breaking apparatus.	C. L. Taylor.	819,818	May 8	1566	333	122	413
Pigments by electrolysis. Producing.	E. D. Chaplin.	836,177	Nov 20	2530	532	125	726
Pigments. Producing carbonaceous.	D. J. Ogilvy.	813,911	Feb. 27	4776		120	2672
Pigs' feet. Machine for splitting.	W. A. Brooks.	835,055	Nov. 6	367	74-5	125	98
Pile and like clamp.	P. Sheridan.	818,794	Apr. 24	4515	965	121	2508
Pile. Composite metal.	W. Stubblebine.	828,982	Aug. 21	2580	545	123	2373
Pile-driver.	A. Bishop.	809,242	Jan. 2	1259	256	120	278
Pile-driver.	F. P. Mayo.	822,620	June 5	786	160	122	1901
Pile-driver and stone-breaker.	W. A. Williams.	839,246	Dec. 25	3902	839	125	2450
Pile-driving machine.	C. H. R. Schwarz.	820,992	May 22	4043	859-60	122	1079
Pile fabric. Tufted.	T. Cooper.	813,951	Feb. 27	4847	1070	120	2685
Pile fabric. Woven.	M. J. Whittall.	810,012	Jan. 16	2814	582	120	702
Pile fabric. Woven.	M. J. Whittall.	810,013	Jan. 16	2817	582	120	702
Pile fabric. Woven.	A. G. Robertson.	812,596	Feb. 13	2178	476	120	2009
Pile fabric. Woven.	J. Zimmerman.	813,130	Feb. 20	3234	709	120	2281
Pile fabric. Woven.	J. Zimmerman.	813,131	Feb. 20	3235	709-10	120	2282
Pile fabric. Woven.	W. V. Lowe.	820,003	May 8	1995	437	122	507
Pile fabric. Woven.	T. B. Dornan.	823,996	June 19	3529	753	122	2604
Pile fabric. Woven.	F. A. Whitmore.	829,189	Aug. 21	3040	636	123	2494

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pile fabric. Woven.	E. S. Craddock.	834,001	Oct. 23	4194	889	124	2362
Pile-gage.	J. Zimmerman.	813,132	Feb. 20	3238	710	120	2282
Pile. Steel.	W. Clarke.	831,142	Sept. 18	2516	531	124	686
Pile-tube.	J. McGranaghan.	810,551	Jan. 23	3989	821	120	992
Piles. Forming.	C. Johns and W. D. Eynon.	837,933	Dec. 11	1293	283	125	1718
Piles. Means for protecting.	A. M. Hunt.	819,282	May 1	503	106	122	116
Piles. Sinking and building concrete.	R. A. Cummings.	822,588	June 5	721	145	122	1887
Piles. Sinking concrete.	R. A. Cummings.	822,589	June 5	723	146	122	1888
Piling. Cap for sheet.	E. A. Bern.	834,866	Oct. 30	5962	1266	124	2855
Piling. Interlocking metal sheet.	G. E. Nye.	832,407	Oct. 2	779	151	124	1400
Piling. Interlocking metal sheet.	G. E. Nye.	836,987	Nov. 27	4198	893	125	1169
Piling. Interlocking sheet.	G. E. Nye.	816,994	Apr. 3	900	186	121	1558
Piling. Metal.	J. J. Harold.	808,838	Jan. 2	420	92	120	93
Piling. Metal.	J. J. Harold.	808,985	Jan. 2	728	157	120	161
Piling. Metal.	J. J. Harold.	820,304	May 8	2605	567	122	643
Piling. Metal.	J. J. Harold.	820,970	May 22	3990	847	122	1069
Piling. Metal sheet.	J. R. Williams.	818,327	Apr. 17	3549	760	121	2245
Piling. Metal sheet.	J. R. Williams.	818,596	Apr. 24	4099	880-1	121	2416
Piling. Metal sheet.	R. H. Stevens.	824,513	June 26	4532	961	122	2876
Piling. Metal sheet.	C. H. Quimby, Jr.	826,801	July 24	4303	894	123	1141
Piling. Metal sheet.	J. R. Williams.	836,725	Nov. 27	3647	777	125	1032
Piling. Metal sheet.	J. R. Williams.	836,792	Nov. 27	3798	809	125	1075
Piling. Metal sheet.	R. V. Sage.	836,832	Nov. 27	3869	825	125	1090
Piling. Metal sheet.	J. R. Williams.	838,152	Dec. 11	1770	380	125	1838
Piling. Metallic.	W. Hunter.	819,067	May 1	61	14	122	17
Piling. Metallic.	F. W. Lang.	837,692	Dec. 4	830	188	125	1560
Piling. Metallic sheet.	R. V. Sage.	836,833	Nov. 27	3870	825	125	1090
Piling section. Sheet.	T. Hill.	829,399	Aug. 28	3463	728	123	2642
Piling. Sheet.	H. L. Zander.	816,770	Apr. 3	434	98	121	1454
Piling. Sheet.	G. Webster.	823,982	June 19	3503	748	122	2598
Piling. Sheet.	J. J. Noltz.	829,596	Aug. 28	3904	827	123	2753
Piling. Sheet.	T. Hill.	831,665	Sept. 25	3579	851	124	998
Piling. Sheet.	L. P. Friestedt.	834,051	Oct. 23	4304	914	124	2391
Piling. Sheet.	C. C. Tomkinson.	834,086	Oct. 23	4384	932	124	2410
Piling. Sheet.	T. Larssen.	839,608	Dec. 25	4612	985	125	2623
Piling. Sheet-metal.	M. J. Haney.	825,458	July 10	1583	329	123	430
Piling system.	G. A. Le Fevre.	823,129	June 12	1820	374-5	122	2172
Pill and tablet counting machine.	S. A. Haseltine.	817,852	Apr. 17	2586	558	121	2037
Pill-mass rolls. Machine for forming.	H. Copleston.	822,101	May 29	6221	1326	122	1619
Pillow and the like.	E. M. Schnadig.	834,643	Oct. 30	5507	1169	124	2741
Pillow. Cool.	C. B. Hurst.	830,837	Sept. 11	1909	399	124	512
Pillow. Sham.	B. F. Cary.	830,970	Sept. 11	2139	453	124	567
Pillow-slip holder.	I. E. Gilmore.	827,008	July 24	4699	979	123	1237
Pillows, bolsters, and cushions. Slip for.	F. Coakley.	823,930	June 19	3396	725	122	2576
Pillows, bolsters, or cushions. Slip or case for.	F. Coakley.	823,929	June 19	3395	725	122	2576
Pilot-wire control system. Single.	C. M. Clark.	829,139	Aug. 21	2928	614	123	2466
Pin.							
See Bowling-alley pin.	Insulator-pin.						
Channeling-pin.	Napkin-pin.						
Clothes-pin.	Safety-pin.						
Clothes-line pin.	Splicing-pin.						
Hair-pin.	Stake-pin.						
Hat-pin.	Stick-pin.						
Heat-radiating pin.	Upholstering-pin.						
Horse-blanket pin.							
Pin.	C. F. Markham.	814,465	Mar. 6	940	193	121	205
Pin.	F. J. Kristofek.	816,728	Apr. 3	349	80	121	1437
Pin.	W. E. Henderson.	828,286	Aug. 7	1194	249	123	1964
Pin and joint.	F. E. Farnham.	834,895	Nov. 6	37	8	125	13
Pin attachment.	G. W. Fletcher.	830,777	Sept. 11	1805	374	124	485
Pin-guard.	M. C. Rypinski.	814,084	Mar. 6	166	33	121	37
Pin holding and delivery device.	D. A. Lawton and L. L. Withey.	810,952	Jan. 30	4787	996	120	1200
Pin-hook.	J. H. Best.	823,317	June 12	2216	462	122	2260
Pin-making machine. Safety-	W. D. Middlebrook.	812,762	Feb. 13	2480	544-5	120	2069
Pin-retainer.	W. C. Maynard.	811,421	Jan. 30	5688	1191	120	1392
Pin-setting apparatus.	W. S. Morgan and S. W. Fellows.	814,227	Mar. 6	437	90	121	94
Pin-spotter.	W. J. Treman.	832,885	Oct. 9	1760	363	124	1676
Pin-tongue.	T. G. Hunt.	826,854	July 24	4411	919	123	1167
Pin-tongue and hinge-joint.	E. W. Morehouse.	825,403	July 10	1440	302	123	392
Pins. Safety attachment for scari-	E. L. Schreiber.	823,743	June 19	3038	643	122	2495
Pins. bar.	E. A. Patterson.	820,985	May 22	4033	857	122	1077
Pinene derivative and making same.	N. Thurlow.	833,095	Oct. 9	2148	124	1771	
Pinion-actuating device.	E. P. Lehmann.	828,614	Aug. 14	1851	390	123	2160
Pinking-machine.	P. H. Sweet.	812,465	Feb. 13	1901	419	120	1954
Pintle-retainer.	C. W. Morris.	836,199	Nov. 20	2577	543	125	735
Pipe.							
See Blowpipe.	Railway stand-pipe.						
Bubble-pipe.	Sewer-pipe.						
Drain-pipe.	Sheet-metal pipe.						
Flexible pipe.	Smoking-pipe.						
Lock-bar pipe.	Stovepipe.						
Lock-seam pipe.	Tobacco-pipe.						
Lubrication-pipe.	Waste-pipe.						
Metal pipe.	Water-closet flush-						
Radiator supply-pipe.	pipe.						
Pipe.	C. E. Ongley.	815,318	Mar. 13	2651	554	121	636
Pipe.	C. Elkin.	818,819	Apr. 24	4563	978	121	2518
Pipe.	C. Elkin.	818,820	Apr. 24	4564	978	121	2518
Pipe.	W. J. Hayes and J. Fernandez.	823,218	June 12	2010	419	122	2215
Pipe.	L. E. Dare.	823,716	June 19	2991	633	122	2486
Pipe.	R. D. Gates.	825,597	July 10	1874	396	123	499
Pipe.	A. C. F. Schröder.	828,516	Aug. 14	1666	351	123	2111
Pipe and tube coupling.	H. J. Wilks and M. Klaiber.	821,564	May 22	5165	1102	122	1324
Pipe. Apparatus for forming beads on cast-iron.	C. N. Church.	814,519	Mar. 6	1038	215	121	226
Pipe. Apparatus for the manufacture of.	A. M. Saunders.	825,420	July 10	1501	311	123	409
Pipe. Apparatus for the manufacture of.	A. M. Saunders.	825,421	July 10	1503	311	123	410

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pipe. Apparatus for the manufacture of.	A. M. Saunders.	825,486	July 10	1629	339	123	442
Pipe. Apparatus for the manufacture of.	A. M. Saunders.	825,487	July 10	1631	340	123	442
Pipe-bending machine.	J. H. Mull.	811,516	Jan. 30	5845	1224	120	1425
Pipe-bending machine.	G. H. Reynolds.	828,338	Aug. 14	1311	277	123	2020
Pipe-bowl.	E. L. Gaylord.	826,098	July 17	2890	600	123	769
Pipe-bracket. Adjustable.	J. E. Rollins.	813,588	Feb. 27	4140	907	120	2535
Pipe-carrier.	C. F. Porteous.	828,050	Aug. 7	723	148	123	1849
Pipe-case.	N. E. Neustadt.	825,750	July 10	2227	464	123	589
Pipe, cigar, or cigarette holder.	B. A. Levett.	815,443	Mar. 20	2960	616	121	753
Pipe-clamp.	E. L. Rieske.	809,327	Jan. 9	1442	292	120	351
Pipe-clamp. Adjustable.	J. J. Meyer.	821,426	May 22	4921	1045-6	122	1273
Pipe clamp and wrench. Combined.	J. W. Harris.	820,866	May 15	3724	795	122	948
Pipe-cleaner.	F. A. Falt.	808,826	Jan. 2	400	87	120	89
Pipe-cleaners. Package for.	A. Speirs.	827,045	July 24	4777	997	123	1256
Pipe-collar.	C. Riegger.	828,424	Aug. 14	1476	311	123	2062
Pipe-collar.	W. H. Buxton.	839,106	Dec. 25	3620	782	125	2380
Pipe-connecting member.	J. D. Tschopik. (Reissue)	12,517	July 31	6254	1299	123	1643
Pipe connection.	A. W. Cram.	834,362	Oct. 30	4961	1051	124	2602
Pipe connection. Flexible.	J. P. McCann.	833,408	Oct. 16	2817	597	124	1989
Pipe-core-forming machine.	F. D. Dimmick and A. M. Ford.	814,028	Mar. 6	65	12	121	16
Pipe-coupling.	A. T. Herrick.	808,922	Jan. 2	594	130	120	130
Pipe-coupling.	A. T. Herrick.	808,923	Jan. 2	595	131	120	130
Pipe-coupling.	J. P. Eustis.	809,792	Jan. 9	2375	490	120	555
Pipe-coupling.	A. W. Graham.	811,631	Feb. 6	199	42-3	120	1528
Pipe-coupling.	A. W. Graham.	811,632	Feb. 6	201	43	120	1529
Pipe-coupling.	D. Landau.	813,437	Feb. 27	3846	842	120	2468
Pipe-coupling.	L. C. Sands.	814,806	Mar. 13	1630	342	121	415
Pipe-coupling.	O. E. David.	817,300	Apr. 10	1497	314	121	1747
Pipe-coupling.	A. G. Flyberg.	820,774	May 15	3518	755	122	903
Pipe-coupling.	P. J. A. Schnoor.	825,354	July 10	1331	281	123	365
Pipe-coupling.	B. Jones.	826,431	July 17	3504	729	123	917
Pipe-coupling.	J. S. F. Marks.	826,678	July 24	4076	845	123	1084
Pipe-coupling.	A. J. Michel.	828,230	Aug. 7	1060	223	123	1929
Pipe-coupling.	T. C. Wood.	831,588	Sept. 25	3388	712	124	944
Pipe-coupling.	T. Pendergast.	832,501	Oct. 2	966	193	124	1444
Pipe-coupling.	A. T. Herrick.	834,618	Oct. 30	5463	1160	124	2729
Pipe-coupling.	H. Day.	834,891	Nov. 6	27	6	125	10
Pipe-coupling.	W. P. F. Ayer.	839,090	Dec. 25	3585	775	125	2371
Pipe-coupling.	A. W. Graham.	839,750	Dec. 25	4923	1052	125	2699
Pipe coupling. Automatic air.	P. Settimo and P. Hoover.	812,532	Feb. 13	2042	447	120	1983
Pipe coupling. Automatic train.	L. C. Cary.	819,408	May 1	756	161-2	122	171
Pipe coupling. Automatic train.	G. A. Elwell.	834,277	Oct. 30	4802	1015	124	2562
Pipe coupling. Conduit.	J. G. Miller.	826,437	July 17	3516	732	123	920
Pipe coupling for railway-coaches. Train.	T. J. Murphy.	838,043	Dec. 11	1520	327	125	1777
Pipe-coupling for water-closets, &c.	C. F. Plunkett.	818,393	Apr. 17	3676	789	121	2271
Pipe-coupling for water-closets, &c.	C. F. Plunkett.	833,239	Oct. 16	2472	518	124	1901
Pipe-coupling ring.	W. W. Price.	821,536	May 22	5118	1089	122	1315
Pipe-coupling ring.	W. W. Price.	821,537	May 22	5118	1090	122	1315
Pipe-coupling ring.	W. W. Price.	821,538	May 22	5119	1090	122	1315
Pipe coupling. Steam.	W. J. Pine and L. P. Hynes.	813,235	Feb. 20	3423	754	120	2319
Pipe-coupling support. Train.	J. E. Forsyth.	815,280	Mar. 13	2557	538	121	616
Pipe coupling. Train.	J. A. Frenzel.	813,637	Feb. 27	4237	931	120	2556
Pipe coupling. Train.	L. M. Sartain.	814,733	Mar. 13	1482	311	121	384
Pipe coupling. Train.	L. M. Sartain.	829,895	Aug. 28	4525	954	123	2904
Pipe coupling. Train.	E. E. Gold.	837,558	Dec. 4	552	129	125	1493
Pipe-cover and ash-retainer.	A. Speirs.	838,593	Dec. 18	2626	566	125	2093
Pipe-covering and making same.	J. A. McConnell.	829,483	Aug. 28	3666	774	123	2694
Pipe crushing and shearing machine.	F. I. Ellis.	823,326	June 12	2228	465	122	2262
Pipe-cutter.	E. H. Hollingshead and C. P. Jennings.	810,764	Jan. 23	4375	908	120	1078
Pipe-cutter.	A. Kovacs.	812,210	Feb. 13	1409	306-7	120	1847
Pipe-cutter.	L. Leyes.	823,796	June 19	3140	665-6	122	2519
Pipe-cutter.	W. S. Wakeley.	824,764	July 3	141	26	123	40
Pipe-cutter.	F. W. Förster.	833,035	Oct. 9	2030	427	124	1739
Pipe-cutter.	J. J. Delehant.	837,805	Dec. 4	1043	233	125	1612
Pipe cutting or indenting machine.	W. Haas, K. Gerzábek, and A. Lampel.	827,800	Aug. 7	228	46	123	1728
Pipe-cutting tool.	D. L. Holland.	825,215	July 3	1053	222	123	275
Pipe-dressing tool.	W. Ritschard.	812,366	Feb. 13	1712	376	120	1916
Pipe-expander.	F. H. Knead.	814,300	Mar. 6	587	123	121	126
Pipe-fastening device. Gas.	E. Bartholomay.	833,662	Oct. 16	3332	709	124	2110
Pipe-fitting.	J. W. Kelly.	814,295	Mar. 6	577	121	121	124
Pipe-flange.	E. L. Maxwell.	823,346	July 12	2264	472	122	2271
Pipe-flange. Welded.	W. W. Doolittle.	826,154	July 17	2982	620	123	791
Pipe-forming apparatus.	W. McKee.	829,990	Sept. 4	151	25	124	37
Pipe grapple or puller.	H. B. Chidress.	823,667	June 19	2911	615	122	2470
Pipe-grip.	C. C. Griffin.	827,011	July 24	4702	980	123	1238
Pipe guard. Vent.	C. M. Breen.	809,667	Jan. 9	2144	444	120	501
Pipe-hanger.	J. Crawford.	823,108	June 12	1774	366	122	2162
Pipe-hanger.	G. Hossege.	824,544	June 26	4592	976	122	2888
Pipe-hanger.	G. W. Hayden.	826,161	July 17	3001	623	123	796
Pipe-hanger.	A. Share.	831,245	Sept. 18	2708	571	124	734
Pipe-hanger.	C. P. Coggeshall.	832,296	Oct. 2	562	107	124	1349
Pipe-hanger.	C. P. Maier.	833,613	Oct. 16	3248	691	124	2090
Pipe-heading machine.	J. S. F. Marks.	826,679	July 24	4077	845-6	123	1084
Pipe-holder.	W. M. Price.	839,638	Dec. 25	4695	1002	125	2642
Pipe holder. Conductor.	T. N. E. Schebler.	820,991	May 22	4042	859	122	1079
Pipe-joint.	M. Dean.	816,155	Mar. 27	4415	933	121	1119
Pipe-joint.	R. T. Crane.	826,146	July 17	2970	617	123	787
Pipe-joint.	J. Libert.	837,482	Dec. 4	408	93	125	1458
Pipe-joint.	C. H. Kennedy and J. W. Lawrence.	839,297	Dec. 25	4000	859	125	2474
Pipe-joint. Balanced compensating.	G. A. Oliver.	836,989	Nov. 27	4202	894	125	1169
Pipe-joint. Flexible.	W. A. Greenlaw.	812,202	Feb. 13	1395	303	120	1843
Pipe-joint. Separable.	A. C. Lynch.	815,968	Mar. 27	4021	851	121	1031
Pipe-joints. Tool for pressing and piercing seamless.	C. Schmid.	817,876	Apr. 17	2645	574	121	2048

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Pipe-laying device.....	C. De Lay.....	809,910	Jan. 9	2593	534	120	603
Pipe-laying machine.....	C. A. Huffmaster.....	833,055	Oct. 9	2073	436-7	124	1752
Pipe-line. Fluid.....	J. B. Speed.....	808,782	Jan. 2	327	70	120	72
Pipe-line. Helically-ripped fluid.....	D. J. Isaacs and J. B. Speed.....	808,752	Jan. 2	262	57	120	60
Pipe-lines. Automatic air-relief for.....	C. Covell.....	815,268	Mar. 13	2540	533	121	612
Pipe-main testing-plug.....	P. J. Coleman.....	821,223	May 22	4482	954	122	1175
Pipe-making machine.....	H. A. Williams.....	817,209	Apr. 10	1313	274-5	121	1710
Pipe mold. Drain or sewer.....	J. B. Hill.....	810,276	Jan. 16	3378	699	120	820
Pipe-mold-drying apparatus.....	H. A. Croxton.....	826,147	July 17	2970	617-18	123	787
Pipe. Mold for making bell-mouthed concrete.....	A. P. Melton.....	826,181	July 17	3030	628	123	803
Pipe-mold-forming apparatus.....	J. K. Dimmick.....	828,601	Aug. 14	1827	385	123	2153
Pipe-molding apparatus. Collapsible core for.....	N. Baldwin.....	838,934	Dec. 18	3255	704	125	2242
Pipe or conduit.....	C. H. Wilson.....	822,705	June 5	963	197	122	1941
Pipe or hose and manufacturing the same.....	P. Sechiari.....	824,446	June 26	4393	934	122	2843
Pipe or hose coupling.....	C. E. Lingenfelter.....	827,739	Aug. 7	90	19	123	1692
Pipe or tile cutting machine.....	R. L. Heafer.....	818,959	Apr. 24	4814	1035	121	2573
Pipe or tube cutter.....	T. W. Myrick.....	821,816	May 29	5693	1213	122	1500
Pipe-puller.....	J. W. Walker.....	818,928	Apr. 24	4757	1023	121	2559
Pipe-pulling device.....	R. G. Coates.....	836,065	Nov. 13	2270	485	125	608
Pipe-pulling jack.....	H. B. Cunningham.....	817,363	Apr. 10	1610	340-1	121	1772
Pipe-rack.....	H. L. Wilson.....	826,300	July 17	3256	673	123	856
Pipe-reamer.....	C. P. Arnold.....	830,760	Sept. 11	1776	366	124	478
Pipe return-bend. Double.....	F. H. Niles.....	811,318	Jan. 30	5496	1145	120	1353
Pipe-rievting machine. Hydraulic.....	C. Wigtel.....	819,193	May 1	305	65-6	122	76
Pipe-rievting machine. Hydraulic.....	C. Wigtel.....	819,194	May 1	309	66-7	122	77
Pipe-section coupling-joint.....	I. Schaad.....	813,454	Feb. 27	3870	848	120	2474
Pipe-sections. Guide for joining.....	H. W. Phillips.....	820,126	May 8	2252	490	122	565
Pipe spacer and holder. Heating.....	W. P. Hussey.....	823,869	June 19	3277	695	122	2550
Pipe-stem cleaner.....	B. F. Eshelman.....	817,633	Apr. 10	2146	455	121	1884
Pipe system. Flexible.....	829,609	Aug. 28	3932	832	123	2759	
Pipe system. Stand.....	W. F. Conran, Jr.....	816,152	Mar. 27	4405	931-2	121	1117
Pipe thimble. Steam.....	G. Mehrling.....	814,976	Mar. 13	1930	406	121	477
Pipe-threading and like machines. Work-holding device for.....	M. H. Spear.....	836,613	Nov. 20	3383	721	125	931
Pipe-threading machine.....	J. A. Hock and E. Bernheim.....	820,114	May 8	2233	485-6	122	561
Pipe-threading machine.....	B. Borden.....	828,808	Aug. 14	2224	473	123	2254
Pipe-tongs.....	G. W. Baker.....	838,514	Dec. 18	2477	537	125	2055
Pipe tongs or wrench.....	E. Duggins.....	809,102	Jan. 2	966	200	120	213
Pipe. Treating metal.....	G. A. Benney.....	832,288	Oct. 2	546	124	1345	
Pipe-union.....	M. Dean.....	815,581	Mar. 20	3206	674	121	805
Pipe-welding.....	J. H. Taylor.....	837,976	Dec. 11	1388	302	125	1742
Pipe-wrench.....	R. Adams.....	808,801	Jan. 2	357	77	120	79
Pipe-wrench.....	G. W. Waite.....	809,152	Jan. 2	1046	217	120	290
Pipe-wrench.....	J. H. Vinton.....	810,096	Jan. 16	2997	624	120	744
Pipe-wrench.....	L. V. Remion.....	810,304	Jan. 16	3441	711	120	834
Pipe-wrench.....	H. C. Barlow.....	810,365	Jan. 16	3566	733	120	863
Pipe-wrench.....	S. A. Fesler.....	810,738	Jan. 23	4326	899	120	1067
Pipe-wrench.....	E. Fisher. (Reissue).....	12,438	Jan. 23	4652	970	120	1135
Pipe-wrench.....	W. Gormley.....	813,645	Feb. 27	4251	934	120	2559
Pipe-wrench.....	F. Fisher.....	815,694	Mar. 20	3446	719	121	860
Pipe-wrench.....	C. L. Dunham.....	818,877	Apr. 24	4663	1001	121	2539
Pipe-wrench.....	A. Meffert.....	818,901	Apr. 24	4705	1009	121	2548
Pipe-wrench.....	F. A. Headson.....	819,428	May 1	793	171	122	179
Pipe-wrench.....	E. M. Porter.....	819,795	May 8	1526	324	122	404
Pipe-wrench.....	J. Roemer.....	822,017	May 29	6062	1292	122	1582
Pipe-wrench.....	C. H. Thurston.....	822,407	June 5	342	70	122	1800
Pipe-wrench.....	H. S. West.....	824,836	July 3	322	59	123	89
Pipe-wrench.....	J. G. Lind.....	826,728	July 24	4170	866	123	1106
Pipe-wrench.....	A. Meffert.....	827,458	July 31	5693	1179	123	1500
Pipe-wrench.....	J. W. Lind.....	827,873	Aug. 7	356	76	123	1759
Pipe-wrench.....	J. A. Smith.....	831,750	Sept. 25	3728	780	124	1037
Pipe-wrench.....	M. G. Ewer.....	833,516	Oct. 16	3046	646	124	2041
Pipe-wrench.....	A. Meierhoff.....	834,216	Oct. 23	4652	987	124	2480
Pipe-wrench.....	C. L. Mahnicke.....	834,920	Nov. 6	85	17	125	24
Pipe-wrench.....	D. D. Barnum.....	836,733	Nov. 27	3685	786	125	1042
Pipe-wrench.....	J. J. Dixon.....	837,809	Dec. 4	1048	234	125	1613
Pipe-wrench.....	E. Sutherland.....	838,665	Dec. 18	2771	594	125	2128
Pipe-wrench. Adjustable.....	G. E. Witt.....	831,130	Sept. 18	2497	527	124	683
Pipe-wrench. Automatic adjustable-grip.....	W. H. Dalby.....	818,419	Apr. 24	3730	801	121	2338
Pipes and cigar and cigarette holders. Mouthpiece for.....	M. Borgen.....	838,606	Dec. 18	2655	571	125	2099
Pipes and other articles. Machine for turning.....	C. H. McCready.....	823,804	June 19	3159	668	122	2523
Pipes. Apparatus for holding, turning, threading, and cutting.....	M. H. Spear.....	813,530	Feb. 27	4031	883	120	2513
Pipes. Cap for.....	J. C. Lauth.....	821,876	May 29	5793	1234	122	1521
Pipes. Clean-out for soil.....	J. J. Phelan.....	838,642	Dec. 18	2726	584	125	2117
Pipes, &c. Machine for flanging, socketing, or otherwise shaping earthenware.....	R. O. Clark, Jr.....	817,045	Apr. 3	991	203	121	1579
Pipes of artificial stone. Making.....	J. Hall.....	809,680	Jan. 9	2172	449-50	120	510
Pipette.....	S.-I. Takaki.....	813,256	Feb. 20	3461	763	120	2328
Pistol.....	O. F. Mossberg.....	837,867	Dec. 4	1168	258-9	125	1644
Pistol and revolver sight.....	E. M. Canto.....	811,033	Jan. 30	4936	1030	120	1233
Pistol-grip.....	G. C. Bourne.....	822,646	June 5	838	171	122	1913
Pistol-grip.....	G. C. Bourne. (Reissue).....	12,502	July 10	2465	514	123	646
Piston.....	G. H. Stallman.....	811,255	Jan. 30	5379	1122	120	1328
Piston.....	E. Moran.....	817,330	Apr. 10	1547	325	121	1757
Piston.....	H. T. Jones.....	822,053	May 29	6135	1306	122	1599
Piston cross-pins. Device for securing.....	H. M. Hart.....	828,402	Aug. 14	1427	301	123	2049
Piston. Horizontal-cylinder.....	F. L. Bates.....	818,860	Apr. 24	4633	995	121	2533
Piston-rod and cross-head connection. Adjustable.....	C. G. Sprado.....	815,312	Mar. 13	2638	552	121	633
Piston-rod connection.....	C. T. McElvaney.....	818,277	Apr. 17	3448	741	121	2224
Piston-rod connection.....	L. Anderson.....	838,603	Dec. 18	2648	570	125	2097
Piston-rod-cooling device.....	R. Hartwig.....	821,640	May 29	5329	1135	122	1419
Piston-rod lubricator.....	J. B. Barnes.....	813,398	Feb. 27	3763	826	120	2450
Piston-rod lubricator.....	C. J. Bushmeyer.....	837,915	Dec. 11	1261	277	125	1709
Piston-rod-moving device.....	H. Linke.....	813,158	Feb. 20	3277	720	120	2290

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Piston-rod piston connection.	L. Andersbn.	839,446	Dec. 25	4292	918	125	2546
Piston-support.	J. Brammer.	820,695	May 15	3365	721	122	867
Pitcher. Ice.	J. Krakauer.	817,123	Apr. 3	1130	234	121	1611
Pitcher. Syrup.	M. Bradford.	823,663	June 19	2899	613	122	2468
Pitchforks. Blank for forming five and three tined.	C. K. Jansen, F. and K. Eisbrenner.	832,732	Oct. 9	1436	290	124	1598
Pitchforks. Blank for forming six-tined.	C. K. Jansen, F. and K. Eisbrenner.	832,733	Oct. 9	1438	290	124	1599
Pitching-machine.	A. Kieffer and H. Rebsamen.	831,006	Sept. 11	2208	466	124	584
Pitman.	A. M. Akin.	828,700	Aug. 14	2021	426	123	2202
Pitman connection.	W. V. Miller.	810,961	Jan. 30	4808	999	120	1204
Pitman-rod. Extensible.	W. R. O'Neill.	810,798	Jan. 23	4453	924	120	1094
Pitometers. Street connection for.	J. A. Cole.	811,763	Feb. 6	425	94	120	1579
Pivot connection.	F. H. Richards.	823,137	June 12	1832	378	122	2175
Pivot-gaging machine.	D. H. Church.	809,248	Jan. 2	1272	259-61	120	281
Pivot-joint.	C. D. King.	831,354	Sept. 18	2928	621	124	791
Place and position indicator.	F. H. Schaufler.	831,382	Sept. 18	2980	633	124	804
Placket-clasp.	S. M. Fischer.	818,823	Apr. 24	4569	979	121	2519
Placket-closer.	J. P. Baumgartner.	833,501	Oct. 16	3021	641	124	2035
Placket fastener. Dress.	G. Burrows.	813,945	Feb. 27	4839	1068	120	2683
Plaiter.	D. S. Kolbeck.	828,486	Aug. 14	1607	339	123	2097
Plaiting apparatus.	A. Holmes.	836,322	Nov. 20	2830	601	125	801
Plane.	C. E. Mitchell.	814,718	Mar. 13	1456	305	121	378
Plane.	H. B. Sargent.	818,472	Apr. 24	3823	822	121	2358
Plane.	A. O. Jones.	819,888	May 8	1704	365-6	122	446
Plane.	J. D. Leffel.	820,215	May 8	2419	525	122	602
Plane.	A. N. Gabrielson.	820,639	May 15	3252	699	122	845
Plane.	J. H. Shaw.	824,954	July 3	554	110	123	147
Plane.	L. D. Smith.	827,473	July 31	5773	1197	123	1517
Plane.	J. A. S. Glans.	831,153	Sept. 18	2534	534	124	692
Plane. Bench.	J. A. Traut.	830,541	Sept. 11	1311	270-1	124	353
Plane. Carpenter's.	A. Kalla.	816,335	Mar. 27	4784	1013-14	121	1198
Plane. Cooper's.	H. Schneider.	821,543	May 22	5131	1094	122	1317
Plane-handle. Adjustable.	F. A. Shontz.	817,096	Apr. 3	1073	222	121	1596
Planes. Reversible handle attachment for.	R. Hunter.	816,980	Apr. 3	873	181	121	1552
Planer.	D. L. Chandler.	826,476	July 17	3601	750	123	941
Planer attachment.	J. H. Bauer.	825,797	July 10	2309	481	123	609
Planer. Circular.	D. C. Robinson.	831,893	Sept. 25	4044	842	124	1115
Planer. Crank.	H. Lutter and E. A. Gies.	835,543	Nov. 13	1326	284-5	125	378
Planer-head.	J. B. Forbes.	811,769	Feb. 6	438	95	120	1581
Planer-head and cutter.	J. B. Forbes.	811,768	Feb. 6	437	95	120	1581
Planer. Type-high.	E. C. Williams.	837,763	Dec. 4	968	218-19	125	1595
Planing-machine.	G. A. Ensign.	819,828	May 1	976	213-14	122	219
Planing-machine.	C. H. Amidon.	830,330	May 8	2640	576	122	651
Planing-machine.	A. Becker.	828,398	Aug. 14	1228	256	123	999
Planing-machine.	G. A. Smith and A. C. Strickland.	830,378	Sept. 4	969	202	124	238
Planing-machine.	S. L. Crowe.	834,970	Nov. 6	169	35	125	46
Planing-machine knife. Wood.	J. W. Ruth and D. Harden.	824,589	June 26	4689	997	122	2911
Planing machine. Metal.	H. E. and F. L. Eberhardt.	821,932	May 29	5906	1256-7	122	1547
Planing machine. Metal.	H. Robinson.	822,985	June 12	1497	311	122	2104
Planing machine. Metal.	C. O. Harley.	837,060	Nov. 27	4353	923	125	1207
Planing-machine presser-bar.	B. S. Loveland.	832,264	Oct. 2	505	95	124	1335
Planing-machine tool-feed.	F. Harrington and C. L. Smith.	820,416	May 15	2830	616	122	751
Planing machinery.	J. R. Thomas.	821,137	May 22	4334	922	122	1143
Planetarium.	P. Lindberg.	831,231	Sept. 18	2675	562-3	124	725
Plant and animal exterminator.	J. L. Janeway.	835,357	Nov. 6	966	206	125	245
Plant-bed-steaming appliance.	J. H. L. Johnson.	835,621	Nov. 13	1480	316	125	417
Plant-excavator.	R. D. Kline.	813,717	Feb. 27	4384	967	120	2587
Plant-marker.	F. Bateman.	833,663	Oct. 16	3333	709	124	2110
Plant or flower pot.	A. J. Eggleton.	814,595	Mar. 6	1184	248	121	256
Plant-shield.	N. L. Clarke.	831,706	Sept. 25	3666	766	124	1022
Plant-support.	C. Lund.	812,942	Feb. 20	2845	628	120	2196
Plant-supporting device.	W. Maxfield.	836,328	Nov. 20	2842	604	125	803
Plants. Degumming fibrous.	C. Colahan.	833,507	Oct. 16	3031	.....	124	2037
Planter.	W. S. Graham.	812,925	Feb. 20	2804	617-18	120	2186
Planter.	G. C. Brimmon and O. A. Nelson.	815,328	Mar. 20	2709	564-5	121	696
Planter.	O. Phillips.	815,554	Mar. 20	3159	661-2	121	795
Planter.	P. C. White.	815,771	Mar. 20	3620	760	121	895
Planter.	H. P. Kline.	817,376	Apr. 10	1639	347	121	1779
Planter.	J. N. Taylor.	818,799	Apr. 24	4522	966	121	2510
Planter.	P. Owen.	824,576	June 26	4654	990	122	2901
Planter.	A. Aikele, Jr.	826,079	July 17	2851	591	123	760
Planter.	E. B. Hackburn, W. C. Willett, and D. F. Deppe.	829,204	Aug. 21	3070	645-6	123	2502
Planter.	S. Hogan.	830,071	Sept. 4	322	64-5	124	79
Planter.	W. B. Hampton.	835,066	Nov. 6	394	80-1	125	104
Planter.	W. Sobey.	836,471	Nov. 20	3120	662-3	125	868
Planter and fertilizer-distributor.	T. M. Ledbetter.	831,289	Sept. 18	2808	592	124	761
Planter and fertilizer-distributor. Combined corn.	J. D. Davis.	812,983	Feb. 20	2923	644	120	2212
Planter and marker. Automatic check-row corn.	E. Hermon.	820,305	May 8	2606	567-8	122	643
Planter and marker. Automatic check-row corn.	R. F. Fleak.	827,857	Aug. 7	332	70	123	1753
Planter attachment.	G. Weidinger.	838,366	Dec. 11	2185	474	125	1939
Planter attachment. Corn.	E. D. Fisher.	831,850	Sept. 25	3928	821-2	124	1086
Planter carriage. Double-row.	E. G. Graves.	833,831	Oct. 23	3702	788-9	124	2245
Planter. Check-row corn.	J. L. Miller.	812,666	Feb. 13	2299	509	120	2032
Planter. Combined potato and corn.	W. A. Hall, Sr.	818,956	Apr. 24	4807	1033-4	121	2571
Planter. Combined seed.	J. W. Little.	838,345	Dec. 11	2142	464	125	1930
Planter. Corn.	A. J. Brown.	810,103	Jan. 16	3009	627	120	746
Planter. Corn.	E. E. Englund.	811,554	Feb. 6	30	7-8	120	1491
Planter. Corn.	I. A. Weaver.	811,977	Feb. 6	892	196-8	120	1670
Planter. Corn.	C. W. Lanham.	812,755	Feb. 13	2468	541-2	120	2066
Planter. Corn.	W. J. Anderson and J. W. Horney.	814,182	Mar. 6	348	71	121	76
Planter. Corn.	A. C. Lindgren.	815,603	Mar. 20	3242	681	121	814
Planter. Corn.	J. N. Frame.	818,532	Apr. 24	3969	852	121	2389
Planter. Corn.	R. E. Cheesman.	819,409	May 1	758	162	122	172
Planter. Corn.	S. G. Lohr.	822,617	June 5	778	158	122	1900

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Planter. Corn.....	L. E. Waterman.....	823,245	June 12	2076	432	122	2231
Planter. Corn.....	J. F. and N. P. Devenney.....	824,176	June 26	3849	821	122	2731
Planter. Corn.....	E. A. Johnston.....	825,059	July 3	739	155-6	123	198
Planter. Corn.....	L. D. Benner.....	828,267	Aug. 7	1122	237	123	1944
Planter. Corn.....	L. H. McCormac.....	830,517	Sept. 11	1256	260	124	338
Planter. Corn.....	M. Meyer.....	832,022	Sept. 25	4278	895	124	1174
Planter. Corn.....	W. McCarthy.....	832,873	Oct. 9	1733	358	124	1670
Planter. Corn.....	J. Tuggle.....	835,084	Nov. 6	426	65	125	113
Planter. Corn.....	C. W. Robinson.....	835,640	Nov. 13	1522	325	125	428
Planter. Corn.....	A. Dubach.....	835,941	Nov. 13	2065	441	125	559
Planter. Corn.....	J. O. Brown, Sr.....	836,917	Nov. 27	4052	866	125	1154
Planter. Corn.....	H. W. Thomasson.....	838,476	Dec. 11	2397	520	125	1992
Planter. Corn and cotton.....	F. K. Lathrop.....	829,112	Aug. 21	2860	600	123	2449
Planter. Cotton.....	J. H. Goodwin.....	835,610	Nov. 13	1465	313	125	413
Planter-coverer.....	G. Stapp and N. K. Robertson.....	836,901	Nov. 27	3995	853	125	1124
Planter. Double-row cotton.....	F. H. Seeley.....	832,088	Oct. 2	122	26	124	1242
Planter. Hand seed.....	T. J. Banks.....	835,743	Nov. 13	1692	360-1	125	470
Planter marker attachment. Corn.....	J. C. Liston.....	831,961	Sept. 25	4167	808	124	1146
Planter marker. Corn.....	O. B. James.....	830,505	Sept. 11	1226	256	124	331
Planter. Potato.....	H. J. Springer.....	812,695	Feb. 13	2352	515	120	2042
Planter. Potato.....	L. V. McEvers.....	836,129	Nov. 20	2431	513	125	701
Planter. Potato.....	I. Petermann, Jr.....	836,210	Nov. 20	2598	548	125	742
Planter. Seed.....	J. W. Little.....	812,057	Feb. 6	1050	229	120	1703
Planter. Seed.....	P. Le Sueur.....	812,278	Feb. 13	1557	340	120	1881
Planter. Seed.....	J. L. Floyd.....	815,413	Mar. 20	2911	604	121	742
Planter. Seed.....	D. M. Pearce.....	823,358	June 12	2283	477-8	122	2274
Planter. Seed.....	L. S. Bortree.....	825,376	July 10	1379	290-1	123	378
Planter. Seed.....	W. F. Jacobs.....	825,601	July 10	1881	398-9	123	501
Planter. Seed.....	I. A. Weaver.....	827,131	July 31	4982	1039-40	123	1320
Planter. Seed.....	L. D. Benner.....	832,031	Oct. 2	8	2-3	124	1214
Planter. Seed.....	P. C. Mitchell.....	834,839	Oct. 30	5910	1252	124	2842
Planter seed-cup.....	W. Fetzner.....	827,003	July 24	4690	977	123	1234
Planter-wheel.....	G. C. Avery.....	809,888	Jan. 9	2538	526	120	591
Planters. Drop mechanism for corn.....	E. H. Snyder.....	835,040	Nov. 6	327	70	125	84
Planters. Marker for corn.....	L. J. Lindsay.....	821,593	May 22	5219	1114	122	1337
Planters. Marker for corn.....	P. Christiansson.....	837,386	Dec. 4	219	55	125	1410
Planters. Riding attachment for one-row walking grain and seed.....	J. Fisk.....	836,312	Nov. 20	2813	597	125	797
Planters. Seed-dropping mechanism for corn.....	E. A. Johnston.....	831,352	Sept. 18	2923	620	124	790
Planters. Valve mechanism for seed.....	A. C. Lindgren.....	823,884	June 19	3305	703	122	2557
Planting machine. Corn.....	J. S. Berkey.....	821,451	May 22	4966	1056	122	1284
Planting machine. Seed.....	L. D. Benner.....	832,449	Oct. 2	866	167	124	1421
Plaster and concrete structures. Form for the construction of.....	G. H. Pegram.....	826,878	July 24	4461	928-9	123	1178
Plaster and making same. Adhesive.....	P. S. Bauer.....	825,291	July 10	1195	252	123	330
Plaster and mortar. Apparatus for mixing and making.....	A. Dellamore, S. T. and A. M. Norton.....	816,156	Mar. 27	4416	933-4	121	1119
Plaster-board.....	H. Kimmel.....	820,793	May 15	3570	763	122	915
Plaster composition.....	C. R. Harris and C. C. Barrick.....	824,012	June 19	3559	.....	122	2610
Plaster. Sticking.....	F. L. Piro.....	832,621	Oct. 9	1223	246	124	1548
Plaster-supporting slab.....	F. A. Seifert.....	815,751	Mar. 20	3587	754	121	889
Plaster. Wall.....	J. W. Chase.....	812,978	Feb. 20	2915	.....	120	2211
Plastered surfaces. Composition of matter for the treatment of newly-.....	W. Affelhof.....	839,534	Dec. 25	4483	.....	125	2591
Plasterer's float.....	O. M. Spangler.....	830,683	Sept. 11	1607	332	124	431
Plasterer's hawk.....	G. Bunker.....	832,036	Oct. 2	21	5	124	1217
Plasterer's running-mold.....	A. Turton.....	837,981	Dec. 11	1400	304	125	1745
Plastering and decorating walls. Composition of matter used in.....	A., J. P., and E. Fish.....	831,503	Sept. 18	3199	.....	124	860
Plastering. Composition of matter for.....	B. E. Noble.....	835,831	Nov. 13	1871	.....	125	516
Plastering construction.....	J. Barbagelata, Jr.....	816,420	Mar. 27	4973	1056	121	1237
Plastering device.....	N. C. Petersen.....	833,893	Oct. 23	3846	817	124	2281
Plastic articles. Die for making ornamented.....	J. L. Mahoney.....	819,150	May 1	222	47	122	55
Plastic-block machine.....	G. W. Crichfield.....	819,005	Apr. 24	4901	1052-3	121	2591
Plastic-block-molding machine.....	J. J. Cox.....	814,358	Mar. 6	727	147	121	161
Plastic composition.....	G. C. Wyatt.....	812,108	Feb. 6	1145	.....	120	1722
Plastic composition.....	J. E. Beck.....	834,101	Oct. 23	4413	.....	124	2417
Plastic material. Apparatus for forming articles of.....	H. P. Orr.....	826,442	July 17	3527	734	123	923
Plastic material into lumps. Machine for forming.....	C. Bristow.....	833,576	Oct. 16	3172	673-4	124	2072
Plastic material. Machine for making continuously-formed articles from.....	J. K. Williams.....	815,571	Mar. 20	3188	670	121	801
Plastic material. Machine for molding.....	J. Lovett.....	831,620	Sept. 25	3452	725-6	124	961
Plastic material. Method of and apparatus for making striped fabric from.....	J. L. Mahoney.....	817,080	Apr. 3	1046	217	121	1590
Plastic-material mold.....	A. S. Watts.....	811,602	Feb. 6	131	29	120	1514
Plastic-material-molding apparatus.....	J. A. McConnell.....	812,148	Feb. 6	1243	270	120	1744
Plastic material. Treating.....	A. A. Scott.....	816,385	Mar. 27	4895	1040-1	121	1221
Plastic material. Treating.....	A. A. Scott.....	816,386	Mar. 27	4904	1041-2	121	1223
Plastic material. Treating.....	A. A. Scott.....	816,387	Mar. 27	4910	1042-3	121	1224
Plastic materials. Machine for molding articles from.....	H. W. N. Cole.....	809,554	Jan. 9	1912	397	120	454
Plastic-molding machine.....	W. S. Godwin and C. I. Williams.....	829,712	Aug. 28	4146	877-8	123	2810
Plastic objects. Apparatus for making reproductions of.....	T. C. P. Treleven.....	837,757	Dec. 4	959	216	125	1593
Plastic or flexible material. Machine for crimping or bending the ends of cylinders formed of.....	A. J. Moxham.....	822,068	May 29	6161	1313-14	122	1605
Plastics. Affixing.....	E. J. Winslow.....	815,886	Mar. 20	3865	819	121	945
Plastics. Apparatus for molding.....	G. T. McIntyre.....	817,383	Apr. 10	1648	349-50	121	1780
Plate and tablet-holder. Division.....	T. C. Belding.....	833,768	Oct. 23	3543	755	124	2207
Plate cooling and conveying apparatus.....	L. E. Edgar.....	823,400	June 12	2353	495	122	2288
Plate-holder loader.....	C. P. Klenck.....	828,669	Aug. 14	1953	411-12	123	2185
Plate-holder. Magazine.....	A. A. Brooks and G. A. Watson.....	819,403	May 1	747	158	122	169
Plate-holder. Magazine.....	J. Carpenter.....	826,920	July 24	4545	945	123	1201
Plate or negative squaring machine.....	J. L. Perkins.....	837,112	Nov. 27	4450	944	125	1232
Plate, pan, or pot lifter.....	W. L. Schafer.....	820,141	May 8	2284	497	122	572
Plate-press.....	R. Turner and B. R. Corley.....	809,036	Jan. 2	808	174	120	178
Plate-press.....	G. Rowden.....	821,380	May 22	4818	1023-4	122	1251

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Plate-securer.....	T. Frazier.....	817,109	Apr. 3	1092	227	121	1601
Plate-shears.....	C. Swan.....	818,578	Apr. 24	4056	870	121	2406
Plates to cylinders. Means for fastening.....	H. F. Bechman.....	823,099	June 12	1754	361	122	2158
Plating and dipping rack. Wired.....	J. P. Clark.....	811,375	Jan. 30	5602	1170	120	1376
Plating. Apparatus for nickel.....	J. W. Aylsworth.....	817,152	Apr. 10	1190	246-7	121	1684
Plating compound.....	G. H. Thime.....	838,148	Dec. 11	1764	.....	125	1837
Platform: <i>See</i> Tilting platform.							
Platform-supporting bracket. Adjustable.....	C. Mills.....	829,537	Aug. 28	3787	804	123	2723
Players. Roll mechanism for automatic.....	W. R. Crippen.....	837,610	Dec. 4	669	154	125	1521
Playing-ball.....	H. Ritchie.....	818,050	Apr. 17	2994	647	121	2127
Pliers.....	A. Tracht.....	816,278	Mar. 27	4647	986	121	1169
Pliers.....	P. Broadbooks.....	818,343	Apr. 17	3579	766	121	2250
Pliers.....	R. C. Koch.....	819,439	May 1	817	175-6	122	184
Pliers.....	H. F. Kellemen, A. J. Fasoldt, and E. Triebel.....	832,200	Oct. 2	368	68	124	1301
Pliers for bending metal pipe.....	F. Kober.....	831,356	Sept. 18	2930	621	124	791
Pliers for cutting, forming, and clenching staples.....	E. F. Chandler and W. N. Richardson.....	838,008	Dec. 11	1442	312-13	125	1755
Pliers. Holding and gripping.....	J. Carter.....	819,121	May 1	177	36	122	46
Pliers. Jewel-setting.....	B. E. Byrd.....	818,347	Apr. 17	3585	767	121	2252
Pliers. Jeweler's.....	E. C. Chamberlin.....	836,861	Nov. 27	3914	836	125	1102
Plow.....	W. Connor.....	808,727	Jan. 2	213	45-6	120	49
Plow.....	S. H. Steele.....	809,757	Jan. 9	2305	477	120	539
Plow.....	S. S. Weaver.....	809,870	Jan. 9	2510	521	120	585
Plow.....	J. H. Baker.....	811,814	Feb. 6	524	117	120	1597
Plow.....	C. H. Little.....	812,056	Feb. 6	1050	228	120	1702
Plow.....	L. N. Schultz.....	813,118	Feb. 20	3201	700	120	2275
Plow.....	J. J. McManmon.....	813,988	Feb. 27	4920	1089	120	2700
Plow.....	R. E. Lunsford.....	814,551	Mar. 6	1106	230	121	240
Plow.....	A. Morrison.....	814,721	Mar. 13	1460	306	121	379
Plow.....	A. G. Perry.....	815,036	Mar. 13	2079	436	121	509
Plow.....	R. L. Kearney.....	815,092	Mar. 13	2181	460	121	530
Plow.....	H. Morton.....	816,173	Mar. 27	4448	941	121	1125
Plow.....	R. Nelson.....	816,360	Mar. 27	4844	1027	121	1210
Plow.....	H. Wiard.....	816,518	Mar. 27	5163	1094-5	121	1279
Plow.....	E. M. Heylman.....	817,114	Apr. 3	1101	228-30	121	1603
Plow.....	F. B. Niesz and J. M. Stewart.....	817,441	Apr. 10	1783	375	121	1808
Plow.....	J. H. Moore.....	817,793	Apr. 17	2478	530	121	2012
Plow.....	F. L. Woodward.....	818,598	Apr. 24	4104	881	121	2417
Plow.....	J. Buchanan.....	819,038	May 1	8	3	122	5
Plow.....	T. J. Warren.....	819,390	May 1	722	153	122	164
Plow.....	W. G. Danielsen.....	819,737	May 8	1393	300	122	372
Plow.....	J. Q. A. Johnston.....	820,202	May 8	2396	520-1	122	596
Plow.....	F. A. Hamilton and W. A. Linker.....	821,486	May 22	5031	1071	122	1297
Plow.....	H. S. Harker.....	821,713	May 29	5489	1169	122	1453
Plow.....	T. W. Marcum.....	823,799	June 19	3152	667	122	2522
Plow.....	L. A. Lohrke.....	823,951	June 19	3435	733-4	122	2585
Plow.....	R. R. Hayward.....	824,014	June 19	3561	760	122	2610
Plow.....	F. H. Nichols.....	824,136	June 26	3766	804	122	2713
Plow.....	J. W. Hudson.....	825,127	July 3	869	182	123	230
Plow.....	W. H. McDonald.....	827,650	July 31	6132	1274	123	1610
Plow.....	W. H. Gant.....	828,104	Aug. 7	838	173	123	1878
Plow.....	S. V. Weeks.....	828,160	Aug. 7	926	190	123	1898
Plow.....	A. Lindgren.....	830,341	Sept. 4	881	181-2	124	219
Plow.....	P. F. Freeman.....	830,657	Sept. 11	1562	321-2	124	420
Plow.....	T. B. Hansford.....	832,477	Oct. 2	921	179	124	1433
Plow.....	J. Triplett.....	832,759	Oct. 9	1489	299-300	124	1612
Plow.....	C. F. MacNair.....	832,989	Oct. 9	1948	407	124	1720
Plow.....	H. T. Hudson.....	833,392	Oct. 16	2788	588-9	124	1983
Plow.....	J. E. Becker.....	834,445	Oct. 30	5116	1086	124	2641
Plow.....	J. W. Hair.....	834,519	Oct. 30	5254	1116	124	2677
Plow.....	J. E. Huckabee.....	834,809	Oct. 30	5846	1240	124	2825
Plow.....	W. H. Williams.....	835,997	Nov. 13	2151	461	125	578
Plow.....	W. T. M. Brunnemer.....	836,238	Nov. 20	2651	558-9	125	755
Plow.....	A. G. Perry.....	836,530	Nov. 20	3239	689	125	597
Plow.....	F. A. Bressmer.....	837,258	Nov. 27	4726	1001	125	1298
Plow.....	H. Oldendorph.....	837,494	Dec. 4	427	96	125	1462
Plow.....	G. B. Thrasher.....	838,477	Dec. 11	2400	521	125	1992
Plow.....	W. E. Vance.....	838,480	Dec. 11	2404	522	125	1993
Plow.....	W. M. Horne.....	838,411	Dec. 11	2273	491	125	1961
Plow and attachments. Subsoil.....	S. B. Lassiter.....	813,722	Feb. 27	4391	969	120	2588
Plow and cultivator.....	W. L. Chase.....	829,766	Aug. 28	4252	901	123	2837
Plow and cultivator. Combined furrowing.....	H. F. Weaver.....	821,070	May 22	4202	893	122	1114
Plow and planter.....	A. Shearer.....	810,575	Jan. 23	4033	830	120	1001
Plow and planter. Combined lister.....	W. H. Williams.....	811,606	Feb. 6	136	30-1	120	1515
Plow and seeder.....	F. Thirrid.....	823,374	June 12	2308	483	122	2279
Plow attachment.....	S. H. Clark.....	810,467	Jan. 23	3819	784	120	955
Plow attachment.....	W. J. Payette.....	812,085	Feb. 6	1104	243	120	1713
Plow attachment.....	A. Thielen.....	812,382	Feb. 13	1753	384	120	1923
Plow attachment.....	L. E. Landis and W. S. Myers.....	815,441	Mar. 20	2958	615	121	753
Plow attachment.....	F. Smith.....	820,147	May 8	2297	502	122	574
Plow attachment.....	G. A. Schultz.....	821,128	May 22	4312	918	122	1137
Plow attachment.....	H. D. Taylor.....	827,403	July 31	5543	1153	123	1463
Plow attachment.....	N. G. Mercer.....	828,132	Aug. 7	881	181	123	1888
Plow attachment.....	J. Spoden.....	828,782	Aug. 14	2181	461	123	2242
Plow attachment.....	W. H. Cole.....	829,692	Aug. 28	4109	870	123	2802
Plow attachment.....	J. M. De Loach.....	833,028	Oct. 9	2018	424	124	1737
Plow attachment.....	E. Wilke.....	835,695	Nov. 13	1608	342	125	448
Plow attachment.....	N. T. Lien.....	838,342	Dec. 11	2138	463	125	1930
Plow attachment. Shovel.....	R. L. Burnett.....	828,638	Aug. 14	1901	400	123	2172
Plow-beam.....	R. T. Huggins.....	819,997	May 8	1978	436	122	504
Plow. Clay-cutting.....	J. B. Hall.....	833,832	Oct. 23	3704	789	124	2245
Plow-colters. Means for cleaning.....	A. E. Underwood and A. D. Mowers.....	827,334	July 31	5408	1124	123	1429
Plow. Convertible.....	S. V. Weeks.....	829,560	Aug. 28	3833	814	123	2736

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Plow. Cultivating-.....	F. M. Rivers.....	829,802	Aug. 28	4342	918	123	2860
Plow. Disk.....	W. S. Cook.....	810,620	Jan. 23	4125	852	120	1022
Plow. Disk.....	E. Fowler.....	819,533	May 1	983	215-16	122	221
Plow. Disk.....	M. Lundin.....	820,057	May 8	2112	460	122	534
Plow. Disk.....	S. V. Weeks.....	829,558	Aug. 28	3822	813	123	2732
Plow. Disk.....	S. V. Weeks.....	829,559	Aug. 28	3828	813-14	123	2734
Plow. Disk.....	N. Sanders.....	831,190	Sept. 18	2604	548	124	707
Plow. Disk.....	J. Moore.....	836,773	Nov. 27	3748	800	125	1058
Plow. Disk.....	W. D. Cook.....	837,799	Dec. 4	1033	230	125	1609
Plow. Disk breaking-.....	P. McKerson.....	820,242	May 8	2474	535	122	613
Plow. Disk gang-.....	C. H. Melvin.....	825,145	July 3	903	190-1	123	259
Plow disk-jointer.....	809,477	Jan. 9	1769	365	120	422	
Plow. Ditching-.....	P. R. Thorne and R. D. Welton.	811,424	Jan. 30	5695	1192	120	1394
Plow. Ditching and grading.....	J. F. Mikolasek.....	832,839	Oct. 9	1660	342	124	1650
Plow. Double.....	R. Cardinal.....	837,539	Dec. 4	511	118	125	1483
Plow draft-lutch. Gang-.....	E. Bippart.....	821,231	May 22	4496	957	122	1179
Plow. Expanding wheeled.....	R. R. Frey.....	822,632	June 5	810	165	122	1906
Plow-fender.....	N. Sanders.....	835,684	Nov. 13	1592	339	125	444
Plow-frame and attachment.....	R. R. Jones.....	824,633	June 26	4771	1017	122	2928
Plow gage-wheel.....	J. G. Evans.....	829,710	Aug. 28	4143	876	123	2809
Plow. Gang-.....	E. T. Garrett.....	813,446	Feb. 27	3858	845-6	120	2471
Plow. Gang-.....	E. F. Piper.....	814,046	Mar. 6	92	17-18	121	21
	P. S. Houghton and R. H. Deyarmond.						
Plow. Gang-.....	G. R. Marriage.....	814,552	Mar. 6	1107	230	121	240
Plow. Gang-.....	G. A. Anderson.....	818,219	Apr. 17	3334	714-15	121	2200
Plow. Garden-.....	W. E. Hawkins.....	830,430	Sept. 4	1073	223	124	265
Plow. Hand disk.....	G. A. Brantner.....	831,531	Sept. 25	3275	690	124	914
Plow harrow attachment.....	J. L. Crisler.....	819,733	May 8	1386	298-9	122	370
Plow harrow attachment.....	J. L. Crisler.....	819,861	May 8	1645	351	122	432
Plow harrow attachment.....	W. Walker.....	837,986	Dec. 11	1405	306	125	1747
Plow harrow attachment. Sulky-.....	K. Schaal.....	839,038	Dec. 18	3440	743-4	125	2290
Plow marking attachment.....	W. H. Sutton.....	834,030	Oct. 23	4257	902	124	2379
Plow. Motor.....	H. J. Kyle.....	809,704	Jan. 9	2212	458-9	120	518
Plow. Motor.....	A. J. Holland.....	818,962	Apr. 24	4818	1036	121	2573
Plow. Motor.....	J. W. McGuire.....	820,887	May 15	3793	809-10	122	963
Plow. Motor.....	S. E. Kurtz. (Reissue).....	12,575	Dec. 11	2469	536	125	2010
Plow. Motor-driven.....	W. H. Milton.....	838,796	Dec. 18	3007	648-50	125	2184
Plow or harrow. Disk.....	T. Howard.....	833,213	Oct. 16	2419	506	124	1888
Plow. Orchard-.....	C. A. Fox.....	820,635	May 15	3245	698	122	843
Plow-point.....	J. L. Brinly.....	820,035	May 8	2064	451	122	522
Plow-point fastener.....	W. H. Stedham and J. N. Miller.	838,474	Dec. 11	2395	519	125	1992
Plow. Potato-.....	J. M. Drake.....	836,018	Nov. 13	2186	469	125	587
Plow. Reversible disk.....	W. G. Jobling.....	816,663	Apr. 3	242	57	121	1414
Plow. Rotary disk.....	W. Hay.....	830,431	Sept. 4	1074	224	124	265
Plow-rudder.....	C. W. Bixby.....	830,637	Sept. 11	1516	313	124	407
Plow seeding attachment.....	F. P. Wilhelm.....	839,532	Dec. 25	4480	956	125	2591
Plow-shovel.....	J. J. McManmon.....	836,986	Nov. 27	4198	893	125	1168
Plow-skimmer.....	A. A. Lundy.....	829,592	Aug. 28	3895	825	123	2751
Plow. Steam gang-.....	A. G. Kern.....	837,074	Nov. 27	4376	927-8	125	1213
Plow-stock.....	G. W. Whitehurst and F. Bradshaw.	830,390	Sept. 4	997	209	124	246
Plow. Subsoil-.....	J. B. Harris.....	816,548	Mar. 27	5225	1108	121	1294
Plow. Subsoil-.....	J. C. Ogden.....	821,958	May 29	5956	1269	122	1557
Plow. Subsoil-.....	E. Kraai.....	822,847	June 5	1219	252	122	1994
Plow. Subsoil-.....	E. Bippart.....	836,007	Nov. 13	2168	465	125	583
Plow. Sulky.....	W. L. Beall.....	816,771	Apr. 3	435	98	121	1454
Plow. Sulky.....	I. Desy.....	839,122	Dec. 25	3646	786-7	125	2387
Plow. Unloading-.....	S. L. G. Knox.....	837,688	Dec. 4	824	186-7	125	1559
Plow. Wheel disk.....	E. Fowler.....	819,532	May 1	981	214-15	122	220
Plow wheel-support.....	S. and J. Moeller.....	821,520	May 22	5089	1084	122	1309
Plow. Wheeled.....	A. C. Lindgren.....	810,779	Jan. 23	4110	914-15	120	1085
Plow. Wheeled.....	L. E. Waterman.....	823,241	June 12	2068	430	122	2229
Plow. Wheeled.....	L. E. Waterman.....	823,244	June 12	2072	431-2	122	2230
Plow. Wheeled.....	H. S. Smith.....	837,348	Dec. 4	144	36	125	1391
Plows and the like. Hitch for.....	J. Tauscher.....	833,902	Oct. 23	3867	821	124	2399
Plows. Bearing and scraper for disk.....	E. Fowler.....	819,701	May 1	1310	285	122	294
Plows. Foot-lift for sulky-.....	G. A. Pennock and W. E. Johnson.	830,000	Sept. 4	172	30-1	124	42
Plows. Landing-lever for sulky-.....	W. L. Paul.....	838,894	Dec. 18	3186	687	125	2228
Plows. Lifting device for gang and sulky.....	F. J. Kelly.....	812,273	Feb. 13	1551	338-9	120	1879
Plows. Means for actuating gang-.....	W. Gregory.....	819,423	May 1	781	168-9	122	177
Plows. Means for raising and lowering gang-.....	B. H. Stover.....	831,752	Sept. 25	3731	781	124	1037
Plows. Sod-turner for disk.....	J. J. Travis.....	813,065	Feb. 20	3094	678	120	2251
Plowing attachment. Rotary-disk.....	E. C. Erb and A. L. Fowlison.....	816,543	Mar. 27	5216	1106-7	121	1291
Plowshare. Boltless.....	F. Huff.....	827,729	Aug. 7	68	13-14	123	1687
Plowshare-rolling machine.....	C. F. Sperry.....	826,695	July 24	4108	852-3	123	1092
Plug.....	M. W. Gartshore and J. H. Foster.	816,856	Apr. 3	613	128	121	1495
Plug and receptacle. Flush.....	C. E. Avery.....	824,700	July 3	3	1	123	3
Plug. Attachment.....	D. E. Bown.....	837,184	Nov. 27	4583	972	125	1263
Plug for soil-pipe. Testing-.....	R. Meister.....	834,393	Oct. 30	5028	1064	124	2618
Plug. Sparking.....	J. G. Kingsbury.....	834,580	Oct. 30	5369	1139	124	2704
Plug-switch. Interlocking.....	A. R. Smith.....	839,430	Dec. 25	4262	912	125	2538
Plug. Wall-.....	L. Patterson.....	831,092	Sept. 18	2432	512	124	668
Plug. Wall-.....	G. H. Carlson.....	838,007	Dec. 11	1441	312	125	1755
Plumb and level.....	J. J. Greene.....	824,985	July 3	621	125	123	163
Plumb-bob.....	H. M. Curry.....	831,775	Sept. 25	3779	791	124	1050
Plumb-bob.....	L. S. Starrett.....	833,699	Oct. 16	3408	726	124	2126
Plumb-bob and rule. Combined.....	R. McDonald.....	821,371	May 22	4797	1019	122	1247
Plumb, level, and inclinometer.....	W. A. Dimick.....	815,690	Mar. 20	3438	718	121	857
Plumber's clamp.....	R. Parker.....	817,513	Apr. 10	1926	406	121	1839
Plumber's fitting and pipe-support. Combined.....	J. C. Polson.....	831,095	Sept. 18	2437	513	124	670
Plumbers, &c. Testing device for.....	J. L. Fruin.....	817,110	Apr. 3	1093	227	121	1601
Plumber's trap.....	N. B. Feather.....	836,874	Nov. 27	3940	841-2	125	1109
Plumbing system.....	J. F. McCartney.....	809,971	Jan. 16	2729	561	120	684
Plunger. Gear-operated screw-.....	J. L. Fruin.....	810,047	Jan. 16	2896	597	120	720
Plunger-lubricator.....	C. Dorn.....	832,657	Oct. 9	1294	200	124	1504
	L. A. B. Johnson.....	809,809	Jan. 9	2400	497-8	120	560

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'E.	Vol.	Page.
Pneumatic alarm.	J. Cairns.	816,430	Mar. 27	4989	1059	121	1240
Pneumatic-carrier indicator.	H. W. Rottel.	818,471	Apr. 24	3822	822	121	2358
Pneumatic coupler.	F. L. Wood.	826,397	July 17	3442	714-15	123	901
Pneumatic cushion.	V. H. Podstata.	819,452	May 1	838	180	122	188
Pneumatic cushion for vehicle-springs.	C. S. Gurney.	838,106	Dec. 11	1660	358	125	1812
Pneumatic cushion for vehicles.	A. M. Lockett.	837,086	Nov. 27	4397	932	125	1218
Pneumatic-cushion wheel.	C. A. Lee.	810,061	Jan. 16	2938	612	120	730
Pneumatic-despatch apparatus.	F. S. Smith.	816,261	Mar. 27	4610	980	121	1161
Pneumatic-despatch apparatus.	F. S. Smith.	816,262	Mar. 27	4617	980	121	1163
Pneumatic-despatch-tube apparatus.	E. A. Fordyce.	813,636	Feb. 27	4234	930	120	2555
Pneumatic-despatch-tube system.	J. S. Jacques.	812,271	Feb. 13	1546	337-8	120	1878
Pneumatic-despatch-tube system.	J. S. Jacques.	812,792	Feb. 13	2540	558-9	120	2082
Pneumatic-despatch tubes. Clamping-sleeve for.	J. F. Skirrow.	813,674	Feb. 27	4303	947	120	2570
Pneumatic-despatching-tube system.	J. J. Stoetzel.	817,016	Apr. 3	939	193-4	121	1567
Pneumatic drill.	H. Brousseau.	820,345	May 8	2670	583-4	122	657
Pneumatic drill.	A. P. Hanscom.	822,367	June 5	272	57	122	1785
Pneumatic economizer and air-injector.	E. Hoxie.	823,278	June 12	2141	447	122	2244
Pneumatic hoist.	J. L. Pilling.	810,884	Jan. 23	4620	963	120	1129
Pneumatic instruments. Pedal attachment for.	C. H. Hubbell.	833,215	Oct. 16	2421	507	124	1888
Pneumatic machinery. Lubricating.	E. A. Emery.	827,519	July 31	5871	1215	123	1541
Pneumatic-machinery lubricator.	E. A. Emery.	827,518	July 31	5868	1215	123	1540
Pneumatic malting-drum.	F. B. Giesler.	827,690	July 31	6234	1294-5	123	1638
Pneumatic motor.	L. U. Jobs.	809,919	Jan. 9	2609	537-8	120	607
Pneumatic motor.	R. A. Norling.	817,384	Apr. 10	1653	350-1	121	1781
Pneumatic motor.	P. Wiggen.	825,997	July 17	2685	556-7	123	719
Pneumatic recoil apparatus.	J. A. Deport.	838,694	Dec. 18	2826	606-7	125	2141
Pneumatic-tired wheel.	T. B. Jeffery.	815,430	Mar. 20	2939	610	121	749
Pneumatic-tube carrier.	B. C. Batcheller.	808,623	Jan. 2	11	3	120	1
Pneumatic tube for store service.	T. Bemis.	812,162	Feb. 6	1288	282	120	1756
Pneumatic-tube service.	E. Roberts.	839,646	Dec. 25	4712	1007	125	2654
Pneumatic tubes. Combined door lock and indicator for carriers used in.	P. J. Madigan.	808,768	Jan. 2	291	63	120	66
Pneumatic wheel.	R. Thew and H. H. Harris.	818,060	Apr. 17	3010	657	121	2130
Pneumatic wheel.	G. H. Treadgold.	836,716	Nov. 27	3630	774	125	10-6
Pneumatics. Controlling device for striking.	G. Billau.	829,382	Aug. 28	3435	723	123	2655
Pneumatically-actuated devices. Means for automatically controlling.	G. P. Brand.	835,777	Nov. 13	1765	376	125	487
Poacher, steamer, and heater. Combined.	J. Truman.	827,894	Aug. 7	392	83	123	1767
Pocket.	J. G. Clark and L. F. Mehder.	825,189	July 3	995	209	123	260
Pocket-book.	P. Schmitter.	833,487	Oct. 16	2995	636	124	2029
Pocket-book.	C. L. Hille.	833,834	Oct. 23	3705	790	124	2246
Pocket-book lock.	A. J. Smith.	815,225	Mar. 13	2468	514	121	598
Pocket-book protector.	C. T. Marshall.	836,693	Nov. 27	3589	765	125	1016
Pocket-box. Sheet-metal.	I. J. Marcuse.	812,175	Feb. 6	1309	286	120	1756
Pocket-case for mileage-books, baggage-checks, &c.	C. A. Hawes.	814,205	Mar. 6	391	79	121	86
Pocket. Cigar.	O. L. Parmenter.	837,954	Dec. 11	1334	292	125	1727
Pocket-clasp.	M. Fischer.	837,294	Dec. 4	42	13	125	1364
Pocket-fastener.	E. S. Earhart.	822,834	June 5	1197	245	122	1990
Pocket-filling machine.	T. A. Edison.	813,491	Feb. 27	3947	866-7	120	2493
Pocket-knife.	G. Schrade.	812,601	Feb. 13	2189	477	120	2011
Pocket-knife.	E. Kaufmann.	817,249	Apr. 10	1395	294	121	1727
Pocket-knife.	A. S. Roberts.	824,148	June 26	3792	810	122	2719
Pocket. Safety.	A. M. Fitzkee.	811,045	Jan. 30	4952	1034	120	1237
Pocket. Safety.	M. C. Dexter.	813,362	Feb. 20	3682	809	120	2374
Pocket. Safety.	W. J. McCauley.	827,258	July 31	5253	1091	123	1392
Pocket. Watch.	L. Greenwald.	827,010	July 24	4701	980	123	1137
Poi-machine.	E. Köpke.	809,571	Jan. 9	1946	403-4	120	460
Pointer.	T. H. Costello.	830,495	Sept. 11	1209	253	124	327
Poison-distributor.	F. Splittstoser.	817,813	Apr. 17	2511	538	121	2019
Poison-indicator.	P. H. Jones.	823,873	June 19	3285	697	122	2552
Poke. Animal.	P. O. Holmgren.	836,039	Nov. 13	2221	475	125	597
Poke. Animal.	L. Sims.	839,659	Dec. 25	4736	1012	125	2652
Pole.	C. A. McKinney.	832,554	Oct. 2	1065	213-14	124	1469
Pole-and-yoke connection.	E. F. Wrench.	826,005	July 17	2707	560	123	724
Pole-base.	H. H. Clough.	833,202	Oct. 16	2399	502	124	1883
Pole carrier. Wagon.	G. L. Hupp and C. C. Houck.	838,185	Dec. 11	1835	393	125	1857
Pole-changer.	R. M. Newbold.	819,160	May 1	238	51	122	59
Pole. Coupling.	G. C. Nienow.	831,888	Sept. 25	4037	840	124	1114
Pole. Coupling.	D. B. Campbell.	838,497	Dec. 11	2434	528	125	2001
Pole for electric wires and other purposes. Composite.	E. M. Johnson.	839,151	Dec. 25	3706	800	125	2404
Pole-guard.	J. Soderberg.	825,683	July 10	2093	436	123	558
Pole holes. Means for closing sliding.	J. Stevenson.	837,007	Nov. 27	4233	901	125	1177
Pole-ring.	D. M. Sarkisian.	825,762	July 10	2247	467	123	594
Pole-step.	J. H. Haycock.	829,336	Aug. 21	3335	702	123	2566
Pole. Sterilized erected.	H. P. Folsom and H. Jones.	837,820	Dec. 4	1070	238	125	1619
Pole. Telescopic.	H. H. Bremer.	838,519	Dec. 18	2485	539	125	2057
Pole-tip.	T. Rowe.	819,807	May 8	1546	328	122	408
Pole tip. Vehicle.	G. J. Johnson.	838,254	Dec. 11	1988	426	125	1891
Poles. Apparatus for treating the butt-ends of.	J. T. Logan.	836,592	Nov. 20	3344	713	125	923
Poles, derricks, &c. Anchor or stay for.	A. McGilivray and E. Frye.	814,229	Mar. 6	440	91	121	95
Poles. Water-brake for.	E. E. P. Petery and J. O. Jackson.	810,880	Jan. 23	4603	959	120	1126
Policeman's nippers.	A. Mercer.	832,143	Oct. 2	254	49	124	1274
Polish on furniture and the like. Obtaining high.	V. Lutter.	826,791	July 24	4284	891	123	1137
Polishing apparatus.	A. Pongracz.	837,502	Dec. 4	439	99-100	125	1465
Polishing device.	E. Franke.	819,271	May 1	485	100	122	113
Polishing-machine.	J. Nelson.	810,554	Jan. 23	3994	822-3	120	993
Polishing-machine.	J. A. Stowell.	811,454	Jan. 30	5739	1201	120	1403
Polishing-machine.	F. Terramorse.	813,839	Feb. 27	4637	1026	120	2642
Polishing-machine.	J. Lehnbeuter.	814,787	Mar. 13	1592	335	121	408
Polishing-machine.	J. R. Peirce.	817,798	Apr. 17	2487	532	121	2014
Polishing-machine.	G. Tüschel.	820,748	May 15	3466	743	122	892
Polishing-machine.	D. McCance.	823,540	June 19	2666	562	122	2414
Polishing-machine.	O. Tverdahl.	834,421	Oct. 30	5075	1077-8	124	2629
Polishing-machine feed mechanism.	J. D. Walsh.	821,143	May 22	4347	924	122	1146
Polishing-machines. Universal work-holder for.	I. L. Pomeroy.	835,320	Nov. 6	890	189-90	125	225
Polishing-mitten.	R. E. Hills and V. E. Brevoort.	827,530	July 31	5893	1220-1	123	1547

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Diag.	Vol.	Page.
Polishing or buffing wheel.....	C. G. Backus.....	817,462	Apr. 10	1830	384	121	1818
Pollen-collecting device.....	E. Moulié.....	834,746	Oct. 30	5695	1209	124	2788
Polo apparatus. Water.....	J. F. Conkling.....	814,674	Mar. 13	1360	284	121	356
Polo. Parlor.....	L. S. Carter.....	829,947	Sept. 4	16	4	124	5
Polyphase motor. Variable-speed.....	R. D. Mershon.....	839,612	Dec. 25	4618	986	125	2625
Pompadour-wave.....	F. M. and S. E. Delavan.....	816,969	Apr. 3	849	175	121	1546
Pool and billiard table. Convertible.....	T. R. Treiber.....	834,694	Oct. 30	5606	1189-90	124	2766
Pool-frame register.....	M. T. Helms.....	831,068	Sept. 18	2366	498	124	655
Pool-table. Automatic registering.....	G. Kindling.....	823,687	June 19	2942	622	122	2476
Pool-table register.....	G. C. Beck.....	811,195	Jan. 30	5262	1101-2	120	1302
Pop-gun.....	J. Seibold, T. Curran, and M. L. Bacon.....	815,223	Mar. 13	2465	514	121	597
Porous-hearth furnace.....	J. E. Greenawalt.....	839,064	Dec. 18	3490	755	125	2303
Port-closing device.....	G. L. Pratt.....	826,060	July 17	2809	582	123	749
Portable bath.....	D. F. Fowler.....	821,230	May 22	4495	957	122	1179
Portable bracket or scaffolding.....	B. C. Alberty.....	829,312	Aug. 21	3279	691	123	2551
Portable elevator.....	J. E. Camp.....	825,109	July 3	834	173-4	123	221
Portable elevator.....	T. J. McCarthy.....	831,518	Sept. 18	3235	683	124	870
Portable house.....	W. M. Ducker.....	819,129	May 1	192	39	122	49
Portable house.....	J. A. Walker.....	831,810	Sept. 25	3838	804	124	1064
Portable table.....	J. D. Camfield.....	811,480	Jan. 30	5777	1209-10	120	1411
Post:							
See Anchor-post. Fence and other post.							
Binding-post. Hitching-post.							
Cement post. Metal post.							
Composition post. Metallic post.							
Concrete fence-post. Mooring-post.							
Concrete or cement saddle-post.							
post. Stone post.							
Corner-post. Tool-post.							
Fence-post. Window corner-post.							
Post:							
Post and wire-stretcher. Combined.....	J. D. Morse.....	811,313	Jan. 30	5486	1144	120	1350
Post-base.....	W. W. Wilcox.....	813,338	Feb. 20	3632	797	120	2363
Post-card. Pictorial.....	G. W. Thomas.....	810,232	Jan. 16	3283	679	120	800
Post-cards and the like. Card-holder for pictorial.....	J. W. Beard and J. Salter.....	817,742	Apr. 17	2349	504	121	1985
Post-cards. Holder for illustrated.....	K. Münster.....	812,515	Feb. 13	2004	439	120	1975
Post-driving machine.....	W. A. B. Clare.....	835,178	Nov. 6	610	125	125	154
Post-hole digger.....	E. J. Early.....	816,904	Apr. 3	708	146	121	1515
Post-hole digger.....	L. H. Ketcham.....	819,764	May 8	1454	311	122	385
Post-hole digger.....	C. W. Van de Walker and R. T. Jenney.....	815,133	Mar. 13	2276	476	121	552
Post-hole digger.....	O. K. Neste.....	819,791	May 8	1520	323	122	403
Post-hole digger.....	C. Butcher.....	827,682	July 31	6213	1291	123	1631
Post-hole digger.....	W. J. Wall.....	835,944	Nov. 13	2146	460	125	578
Post or letter card.....	R. C. Baker.....	827,840	Aug. 7	298	62	123	1744
Post-retaining band.....	O. Olson.....	817,332	Apr. 10	1550	326	121	1758
Postal cabinet.....	R. O'Reilly.....	823,630	June 19	2836	600	122	2453
Postal card.....	E. M. Miner.....	838,880	Dec. 18	3159	680	125	2222
Postal service. Machine for the manufacture of fac- ing-slips for the.....	J. E. Ray.....	821,122	May 22	4293	914-15	122	1133
Postal system. Electric telpher.....	R. T. Piscicelli.....	828,678	Aug. 14	1969	414-16	123	2189
Postmarking and stamp-canceling machine.....	J. H. Barr. (Reissue).....	12,505	July 17	3750	778-9	123	983
Postmarking or canceling machine.....	N. A. Krag and G. A. Hansen.....	829,657	Aug. 28	4025	852-3	123	2783
Pot:							
See Coffee-pot. Paste-pot.							
Coffee and tea pot. Plant or flower pot.							
Dash-pot. Sewing-machine wax- pot.							
Fire-pot. Tea or coffee pot.							
Glass-melting pot.....							
Pot and tank furnace. Combined.....	J. A. Chambers.....	828,839	Aug. 14	2283	486-7	123	2270
Pot-cover.....	C. W. Lasher.....	819,441	May 1	820	176	122	184
Pot-litter.....	W. Whitten.....	820,460	May 15	2909	632	122	769
Pot-rack.....	E. B. Cloninger.....	812,546	Feb. 13	2089	458	120	1992
Pot-stirrer.....	F. M. Leaf.....	822,528	June 5	586	118	122	1855
Pots, &c. Locking device for.....	A. Hoefler.....	829,786	Aug. 28	4311	911	123	2852
Potassium chlorid from seaweed. Extracting.....	D. M. Balch.....	825,953	July 17	2599	540	123	694
Potato-bagging machine.....	G. E. Rehberger.....	821,314	May 22	4667	994-5	122	1215
Potato-cutter.....	I. B. Lamson.....	821,652	May 29	5352	1140	122	1423
Potato cutter and planter.....	J. J. Simon.....	827,946	Aug. 7	507	104	123	1798
Potato cutter and planter. Automatic.....	J. J. Putney.....	809,396	Jan. 9	1606	325-6	120	386
Potato-digger.....	J. Hist.....	808,746	Jan. 2	252	54	120	58
Potato-digger.....	J. Hist.....	809,259	Jan. 2	1302	265	120	286
Potato-digger.....	J. Hist.....	809,260	Jan. 2	1302	265	120	287
Potato-digger.....	J. Johengen and E. A. Fedick.....	810,765	Jan. 23	4377	909	120	1078
Potato-digger.....	D. O. Bowman.....	812,007	Feb. 6	971	211-12	120	1687
Potato-digger.....	T. N. Oium.....	812,673	Feb. 13	2318	504-5	120	2036
Potato-digger.....	F. W. Benjamin.....	814,346	Mar. 6	708	142	121	156
Potato-digger.....	J. Vorbach.....	815,051	Mar. 13	2106	444	121	515
Potato-digger.....	H. I. Smith and C. H. Fisher.....	830,185	Sept. 4	557	114-15	124	141
Potato-digger.....	O. Knoerzer.....	831,008	Sept. 11	2214	467-8	124	584
Potato-digger.....	C. E. Friel.....	831,784	Sept. 25	3796	795	124	1055
Potato-digger.....	J. Moreau.....	834,315	Oct. 30	4865	1028	124	2577
Potato-digger attachment.....	G. E. Chute.....	810,716	Jan. 23	4294	892	120	1059
Potato-digging machines. Halm-plucking mechan- ism for.....	M. Altstock.....	817,891	Apr. 17	2677	582	121	2054
Potato-digging machines. Shield for.....	F. M. Murray.....	816,730	Apr. 3	351	81	121	1438
Potato dropper and planter.....	F. R. Albright and J. S. Joseph.....	817,612	Apr. 10	2108	446	121	1875
Potato-feeding mechanism.....	I. J. Kaar.....	825,466	July 10	1594	332	123	433
Potato-masher.....	C. C. Naeve.....	827,112	July 31	4939	1031	123	1310
Potato separator. Sliced.....	H. Hanson.....	824,861	July 3	366	69	123	100
Potatoes. Knife for cutting seed.....	W. O. Cassidy.....	827,906	Aug. 7	409	87	123	1772
Potential-indicator.....	J. B. Taylor.....	830,938	Sept. 11	2086	440-1	124	554
Potential-indicator. Portable.....	J. B. Taylor.....	822,319	June 5	189	37	122	1769
Potentiometer.....	M. E. Leeds and E. F. Northrup.....	819,355	May 1	655	137-8	122	150
Pottery. Decorating.....	J. W. Young.....	838,155	Dec. 11	1773	381	125	1839

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pottery. Saggar for baking.....	J. W. Lyons.....	817,722	Apr. 10	2297	495	121	1918
Pouch.....	U. D. Ezell.....	824,634	June 26	4773	1017	122	2928
Poultry appliance.....	E. J. Shanahan.....	817,448	Apr. 10	1794	377	121	1810
Poultry-carrier.....	D. A. Garber.....	819,056	May 1	43	9	122	13
Poultry-dusting device. Automatic.....	M. A. Hawley.....	829,207	Aug. 21	3076	647	123	2503
Poultry-fount.....	H. B. Sinclair.....	837,742	Dec. 4	935	211	125	1587
Poultry-fountain.....	G. F. Gillenwaters.....	811,914	Feb. 6	733	160	120	1640
Poultry-fountain.....	W. O. Rastetter.....	839,422	Dec. 25	4250	909	125	2536
Poultry fountain or feed device.....	L. J. Davis.....	825,382	July 10	1392	292	123	380
Poultry-house.....	E. H. Oakman.....	826,600	July 24	3931	815	123	1045
Poultry-house.....	G. C. Scott, (Reissue).....	12,513	July 24	4855	1011	123	1275
Powder and making same. Gun.....	F. I. Du Pont.....	813,020	Feb. 20	2995	.....	120	2229
Powder and making same. Smokeless.....	W. J. Williams.....	825,168	July 3	960	.....	123	251
Powder. Blasting.....	B. Eberle.....	820,854	May 15	3709	.....	122	945
Powder box or can. Sifter-top.....	G. F. Miller.....	834,314	Oct. 30	4864	1028	124	2577
Powder-container top.....	F. W. Murray.....	830,611	Sept. 11	1443	300	124	386
Powder cup. Tooth.....	I. W. Lyon.....	835,861	Nov. 13	1925	406	125	526
Powder-distributor.....	M. P. Cannon.....	828,383	Aug. 14	1390	294	123	2040
Powder-distributor.....	C. H. Leggett.....	831,669	Sept. 25	3585	752-3	124	1000
Powder. Explosive coherer.....	F. Schneider.....	838,216	Dec. 11	1897	.....	125	1871
Powder for dusting patterns.....	F. Damhorst, A. Kemper, and E. Utko.....	820,099	May 8	2207	.....	122	555
Powder. Machine for making comb.....	C. Dobbs and J. R. Pitman.....	821,865	May 29	5772	1229	122	1517
Powder. Machine for making comb.....	C. Dobbs and J. R. Pitman.....	821,866	May 29	5775	1230	122	1517
Powder. Machine for making grains or flakes of.....	C. Dobbs and J. R. Pitman.....	823,672	June 19	2919	617-18	122	2472
Powder. Manufacturing smokeless.....	G. W. Gentieu.....	837,463	Dec. 4	375	86	125	1450
Powder. Producing explosive.....	F. I. Du Pont and F. Sparre.....	836,704	Nov. 27	3604	.....	125	1020
Powder receptacle. Toilet.....	P. A. Toomey.....	824,391	June 26	4274	911	122	2819
Powder-strip-cutting machine.....	J. T. Thompson.....	827,674	July 31	6198	1286-8	123	1627
Powder to the person. Device for applying.....	O. H. Huebel.....	811,924	Feb. 6	781	170-1	120	1648
Powdered substances. Means for uniformly distributing.....	G. O. Schultze and O. Schüssler.....	838,404	Dec. 11	2376	515	125	1987
Power. See Churn-power. Pumping power. Horse-power. Tide-power.							
Power apparatus. Compressed-air.....	A. C. Eastwood.....	827,515	July 31	5864	1214	123	1539
Power-brake.....	L. Pfingst.....	829,032	Aug. 21	2684	565-6	123	2398
Power by electric currents. Means for transmitting.....	W. Stanley.....	818,715	Apr. 24	4342	931	121	2470
Power by electric currents. Transmitting.....	W. Stanley.....	819,028	Apr. 24	4950	1062-3	121	2603
Power-carrying lines. Support for.....	J. Reid.....	813,913	Feb. 27	4778	1054-5	120	2672
Power control. Magnetic.....	D. Bacon.....	834,355	Oct. 30	4942	1047	124	2598
Power-converting apparatus.....	G. H. Morgan.....	828,497	Aug. 14	1624	343	123	2101
Power device.....	C. J. Coleman.....	820,701	May 15	3379	724	122	870
Power device.....	N. H. Nelson.....	831,371	Sept. 18	2959	628	124	798
Power from car-axes. Mechanism for transmitting.....	D. E. Johnson.....	830,839	Sept. 11	1918	402	124	515
Power from waves, tides, or the like. Apparatus for generating.....	J. Hutchings.....	832,482	Oct. 2	928	181	124	1435
Power from waves, tides, or the like movements of water. Means and apparatus employed in generating motive.....	J. Hutchings.....	827,639	July 31	6109	1269	123	1603
Power-generating apparatus.....	W. L. R. Emmet.....	822,259	June 5	66	13	122	1743
Power-generating apparatus.....	W. L. R. Emmet.....	822,260	June 5	68	14	122	1743
Power-generating apparatus.....	J. Flindall.....	822,264	June 5	76	15-16	122	1745
Power-generating apparatus. Hydraulic.....	G. A. McPettridge.....	835,310	Nov. 6	869	184	125	220
Power-generating device.....	D. C. Tubbs.....	818,986	Apr. 24	4866	1045	121	2583
Power generation and storage system.....	W. G. Clark.....	826,313	July 17	3290	680	123	865
Power-generation system.....	L. G. Selover.....	814,237	Mar. 6	454	94	121	98
Power-generator. Electromagnetic.....	J. L. Potter.....	812,949	Feb. 20	2857	630	120	2200
Power in varying directions. Mechanism for transmitting.....	A. H. Edwards.....	828,815	Aug. 14	2236	476	123	2257
Power-lift sweep-rake.....	J. F. Hazel.....	831,865	Sept. 25	3971	830	124	1096
Power-machine. Motor.....	A. Flores.....	818,366	Apr. 17	3618	775-6	121	2259
Power. Means and method of transmitting.....	W. Stanley.....	817,998	Apr. 17	2894	625	121	2107
Power mechanism.....	J. W. Wahlborg.....	813,757	Feb. 27	4455	984	120	2602
Power mechanism.....	B. J. Arnold.....	818,512	Apr. 24	3922	844	121	2378
Power mechanism.....	J. C. Dunkelbarger.....	821,226	May 22	4485	955	122	1176
Power-operated brake.....	F. E. Case.....	834,107	Oct. 23	4426	940	124	2420
Power plant.....	R. Moran.....	812,668	Feb. 13	2302	501	120	2033
Power-press.....	J. E. Dobson.....	810,195	Jan. 16	3194	662	120	781
Power-roller.....	T. George.....	835,130	Nov. 6	515	104	125	132
Power shears. Hand.....	F. A. Richards.....	812,452	Feb. 13	1884	415	120	1950
Power-shovel.....	O. J. Olson.....	826,051	July 17	2785	577	123	742
Power-station. Submerged.....	H. A. E. C. von Schon.....	838,587	Dec. 18	2617	564	125	2090
Power system.....	W. L. R. Emmet.....	822,261	June 5	70	14	122	1744
Power-table and power attachment for tables.....	J. T. and D. Beswick.....	828,083	Aug. 7	796	164	123	1868
Power transmission.....	G. Morrice and C. G. Grim.....	820,122	May 8	2244	488	122	563
Power transmission.....	C. Phillips.....	822,629	June 5	805	163	122	1905
Power transmission.....	F. G. Harbord.....	836,575	Nov. 20	3318	707	125	916
Power transmission and distribution. Electric.....	J. Kruyswijk.....	823,055	June 12	1649	340-3	122	2136
Power-transmission apparatus.....	W. D. Hawk.....	831,065	Sept. 18	2360	497-8	124	653
Power-transmission apparatus.....	W. L. R. Emmet.....	839,375	Dec. 25	4144	888	125	2510
Power-transmission connection.....	R. J. Hoffman.....	836,882	Nov. 27	3960	846	125	1115
Power-transmission device.....	G. W. Marble.....	808,769	Jan. 2	293	63-4	120	66
Power-transmission device.....	F. de Coligny.....	812,483	Feb. 13	1942	428	120	1962
Power-transmission device.....	H. E. White.....	838,600	Dec. 18	2637	568-9	125	2095
Power transmission device. Dynamo-magnetic.....	J. O. Heinze, Jr.....	816,912	Apr. 3	726	149-50	121	1519
Power-transmission device for motor-cars, &c.....	W. von Pittler.....	827,117	July 31	4947	1033	123	1312
Power-transmission device. Non-grinding.....	D. S. Grant.....	818,161	Apr. 17	3217	692	121	2175
Power transmission. Driving-clutch for.....	J. K. Stewart.....	814,093	Mar. 6	184	37	121	40
Power-transmission means.....	A. J. Lindsay.....	816,022	Mar. 27	4140	877	121	1059
Power-transmission mechanism.....	J. H. Thompson.....	810,176	Jan. 16	3148	652	120	773
Power-transmission mechanism.....	R. A. Morton.....	818,107	Apr. 17	3093	667-8	121	2147
Power-transmission mechanism.....	M. Hendrickson.....	826,851	July 24	4406	917-18	123	1166
Power-transmission mechanism.....	C. P. Smith.....	834,082	Oct. 23	4370	930	124	2406
Power-transmission mechanism.....	D. M. Wright.....	834,438	Oct. 30	5104	1084	124	2637

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr & G.	Vol.	Page.
Power-transmission mechanism.....	R. A. Weinhardt.....	836,159	Nov. 20	2493	524	125	716
Power-transmission mechanism.....	R. Symmonds.....	838,666	Dec. 18	2772	594-5	125	2128
Power-transmission mechanism. Frictional.....	I. Larsen and R. Hardie.....	823,178	June 12	1909	394-5	122	2192
Power-transmission system.....	R. Williams.....	817,604	Apr. 10	2093	442	121	1872
Power-transmitter.....	W. and V. Lorenc.....	810,780	Jan. 23	4414	916	120	1086
Power-transmitter. Self-replenishing fluid.....	P. F. Rice.....	833,087	Oct. 9	2131	449	124	1763
Power-transmitting apparatus.....	W. L. Wilson.....	812,626	Feb. 13	2232	486	120	2019
Power-transmitting apparatus.....	J. Trainer.....	821,003	May 22	4064	864	122	1084
Power-transmitting device.....	O. Hoffmann.....	828,116	Aug. 7	857	176	123	1882
Power-transmitting device.....	T. L. and T. J. Sturtevant.....	829,128	Aug. 21	2894	608	123	2457
Power-transmitting device. Flexible-speed.....	P. F. Rice.....	825,416	July 10	1493	309	123	407
Power-transmitting device. Speed-multiplying.....	J. K. Stewart.....	824,216	June 26	3936	843	122	2750
Power-transmitting gear.....	S. E. Farnham.....	825,815	July 10	2336	487	123	616
Power-transmitting machine.....	E. Prouty.....	838,581	Dec. 18	2602	561	125	2087
Power-transmitting means.....	W. D. Goff.....	837,398	Dec. 4	241	61	125	1416
Power-transmitting mechanism.....	J. B. King.....	810,869	Jan. 23	4581	954	120	1121
Power-transmitting mechanism.....	H. H. Taylor.....	811,258	Jan. 30	5383	1123	120	1329
Power-transmitting mechanism.....	J. Petrelli.....	812,519	Feb. 13	2012	441-2	120	1977
Power-transmitting mechanism.....	A. T. Brown.....	814,268	Mar. 6	521	108	121	112
Power-transmitting mechanism.....	T. C. Dexter.....	820,920	May 15	3866	823-4	122	979
Power-transmitting mechanism.....	T. C. Dexter.....	821,864	May 29	5769	1228-9	122	1516
Power-transmitting mechanism.....	C. A. Dahl.....	824,234	June 26	3968	850	122	2757
Power-transmitting mechanism.....	H. B. Collins.....	829,507	Aug. 28	3716	789-90	123	2705
Power-transmitting mechanism.....	E. H. Anderson.....	829,827	Aug. 28	4383	925-6	123	2870
Power-transmitting mechanism.....	H. H. Roosa.....	831,300	Sept. 18	2826	596-7	124	765
Power-transmitting mechanism.....	T. W. Flory.....	832,308	Oct. 2	593	111-12	124	1356
Power-transmitting mechanism.....	D. H. Reimers.....	833,177	Oct. 16	2329	489	124	1866
Power-transmitting mechanism.....	W. H. Saunders.....	833,552	Oct. 16	3112	661	124	2057
Power-transmitting mechanism.....	T. L. and T. J. Sturtevant.....	834,592	Oct. 30	5392	1144	124	2710
Power-transmitting mechanism.....	J. L. Nelson.....	836,601	Nov. 20	3360	716	125	927
Power-transmitting mechanism. Variable-speed.....	F. H. Everhart.....	836,103	Nov. 20	2361	499	125	684
Power-transmitting mechanism. Variable-speed.....	F. H. Everhart.....	836,104	Nov. 20	2367	439	125	686
Power-transmitting system.....	G. P. Finnigan and G. T. Hanchett.....	834,570	Oct. 30	5348	1135	124	2699
Precious-metal-bearing materials. Treating.....	C. W. Merrill.....	825,920	July 17	2527	.....	123	674
Precious metals. Apparatus for recovering.....	E. J. Garvin.....	809,939	Jan. 16	2655	549	120	668
Precious metals. Apparatus for recovering.....	E. J. Garvin.....	822,940	June 12	1409	295	122	2081
Precious metals. Apparatus for treating slimes, &c., for the recovery of the.....	C. Gluyas.....	812,418	Feb. 13	1823	399-400	120	1937
Precious metals from ores, &c. Recovery of.....	J. A. Just.....	814,294	Mar. 6	572	.....	121	123
Precious metals from their ores. Apparatus for extracting.....	S. T. Muffy.....	820,811	May 15	3610	771	122	924
Precious metals from their ores. Extracting.....	S. T. Muffy.....	820,810	May 15	3606	771	122	923
Precious metals from zinc ores. Extraction of.....	A. R. Meyer.....	815,614	Mar. 20	3266	.....	121	819
Precious metals. Recovering.....	J. A. Just.....	820,000	May 8	1989	.....	122	506
Precious metals. Refining hydrometallurgical products containing.....	C. W. Merrill.....	815,851	Mar. 20	3799	.....	121	933
Preparatory machine and spinning, doubling, winding, and like processes and apparatus therefor.....	H. Doll.....	815,075	Mar. 13	2146	452	121	523
Prepayment-meter.....	J. J. Wood.....	826,814	July 24	4323	900	123	1146
Preserves. Heating.....	S. Gabriel.....	820,638	May 15	3250	699	122	844
Preserving.....	E. B. Melton.....	821,947	May 29	5942	.....	122	1554
Preserving apparatus.....	T. Widdop.....	817,208	Apr. 10	1312	273-4	121	1709
Preserving box or tin. Vegetable.....	W. J. Holsboer.....	825,729	July 10	2182	456	123	578
Preserving by liquid air. Apparatus for.....	W. T. Scheele.....	820,442	May 15	2871	625	122	759
Preserving-can. Vacuum-sealing.....	H. B. Williams.....	812,968	Feb. 20	2808	639	120	2207
Preserving foods. Means for.....	J. M. Cole.....	818,353	Apr. 17	3597	770	121	2254
Preserving mixture.....	C. Pontin.....	833,696	Oct. 16	3404	.....	124	2125
Preserving organic matter.....	W. T. Scheele.....	818,979	Apr. 24	4857	1044	121	2582
Preserving prunes.....	J. L. Bowers.....	830,407	Sept. 4	1028	.....	124	254
Preserving-receptacle. Vacuum.....	H. C. Ferguson.....	815,081	Mar. 13	2158	455	121	526
Press:							
See Apple-box press.	Hand-press.						
Automatic press.	Hat-press.						
Baling-press.	Hay-press.						
Barrel-press.	Hydraulic press.						
Barrel-heading press.	Hydro pneumatic press.						
Block-press.	Jelly-press.						
Block or tile press.	Link-closing press.						
Brick-press.	Mandrel-press.						
Briquet-press.	Molding-press.						
Briquet-making press.	Multicolor-press.						
Briquetting-press.	Oil-press.						
Bundling-press.	Paste-press.						
Butter-press.	Plate-press.						
Cement-brick press.	Power-press.						
Cement or plastic block molding press.	Printing-press.						
Cheese-press.	Printing and embossing press.						
Chocolate-press.	Punch-press.						
Cider-press.	Rolling-press.						
Concrete-building-block press.	Seal-press.						
Copying-press.	Sheet-metal hollow-ware drawing-press.						
Cotton-press.	Shingle-press.						
Die-press.	Stamping-press.						
Drawing-press.	Stave-press.						
Drill-press.	Tempering-press.						
Embossing-press.	Tile-press.						
Filter-press.	Tobacco-press.						
Fly-press.	Transfer-press.						
Fruit-box press.	Trousers-press.						
Glass-press.	Veneer-press.						
Glue-press.							
Press.....	O. Smith.....	808,694	Jan. 2	134	31-2	120	32
Press.....	H. Thurston.....	812,101	Feb. 6	1137	248-9	120	1720

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr g.	Vol.	Page.
Press.	G. B. Lamb.	814,054	Mar. 6	106	20-1	121	24
Press.	J. C. Fiddymont and J. J. McNally.	816,446	Mar. 27	5014	1064-5	121	1245
Press.	J. C. Fiddymont and J. J. McNally.	816,447	Mar. 27	5017	1065	121	1246
Press.	R. B. Campbell.	817,735	Apr. 10	2332	501-2	121	1927
Press.	J. E. Donaldson.	819,414	May 1	764	163	122	173
Press.	A. Marshall.	821,517	May 22	5082	1082-3	122	1308
Press.	C. E. Brooks.	827,847	Aug. 7	308	64-5	123	1746
Press.	I. J. Lockwood.	828,325	Aug. 14	1287	272	123	2014
Press.	V. D. Anderson.	829,314	Aug. 21	3285	693-4	123	2553
Press.	V. D. Anderson.	829,315	Aug. 21	3289	694	123	2553
Press.	P. L. Simpson.	835,566	Nov. 13	1365	293-4	125	387
Press.	F. Oliver.	836,776	Nov. 27	3755	800	125	1060
Press.	J. L. Wilder.	837,652	Dec. 4	756	172	125	1541
Press-box.	L. W. Haskell and E. W. Thompson.	815,291	Mar. 13	2584	544	121	623
Press-feeder.	W. E. Tate.	819,949	May 8	1820	393	122	470
Press for punching, shearing, stamping, and other purposes.	J. Clippel.	832,593	Oct. 9	1156	231-2	124	1533
Press-operating device.	J. L. Haverfield.	813,292	Feb. 20	3533	779	120	2343
Press reel. Copying.	G. Bluen.	838,373	Dec. 11	2200	477	125	1942
Press registering device.	W. J. Ramsaier.	818,191	Apr. 17	3285	703	121	2190
Press roll-feed attachment. Platen.	J. Bruckman and A. E. Maiden.	830,766	Sept. 11	1783	368	124	479
Presses and the like. Feeding mechanism for.	A. Eschenbach.	822,661	June 5	861	177	122	1919
Presses. Bed-lock for ink-table distribution.	J. C. Bermingham.	812,914	Feb. 20	2782	612	120	2181
Presses. Blanket for lithographic and other.	T. C. Sheehan.	839,214	Dec. 25	3847	827	125	2436
Presses. Expandable head for.	M. B. Corcoran.	831,265	Sept. 18	2755	580-1	124	747
Presses. Form for cylinder.	J. H. Matthews.	823,062	June 12	1665	345	122	2139
Presses. Impression throw-off for bed-and-platen.	M. Gally.	814,282	Mar. 6	546	114	121	118
Presses. Paper-guide for.	F. B. Davidson.	823,849	June 19	3242	686	122	2542
Presser-foot and mechanism for operating the same.	J. N. Whipple.	812,159	Feb. 6	1273	279	120	1749
Presser-foot mechanism.	C. Pedersen.	836,209	Nov. 20	2595	547	125	741
Pressing and squeezing appliance.	K. T. K. Gilje.	825,203	July 3	1023	216	123	267
Pressing-machine.	W. Pool.	837,116	Nov. 27	4457	946	125	1233
Pressing machine. Clothing.	F. G. Norton.	811,241	Jan. 30	5347	1117	120	1321
Pressure and moving jack.	P. Denphis.	811,131	Jan. 30	5129	1071	120	1272
Pressure and suction device.	E. Roth.	811,330	Jan. 30	5521	1150-1	120	1358
Pressure-exerting machine.	G. W. Greenwood.	814,955	Mar. 13	1890	397-8	121	469
Pressure-gage.	G. Spencer.	829,551	Aug. 28	3814	811	123	2730
Pressure-gage.	G. Spencer.	829,552	Aug. 28	3815	811	123	2731
Pressure-gage.	G. Spencer.	829,553	Aug. 28	3816	811	123	2731
Pressure indicator and recorder.	W. H. Bristol.	822,244	June 5	25	6	122	1734
Pressure-recorder.	F. L. Wolfe.	829,614	Aug. 28	3942	834	123	2761
Pressure-regulator.	A. B. Carmichael.	812,017	Feb. 6	989	216	120	1690
Pressure-regulator.	E. E. Gold.	814,285	Mar. 6	551	115-16	121	119
Pressure-regulator.	F. M. Ashley.	824,681	June 26	4853	1035	122	2945
Pressure-regulator.	J. R. Schrader.	825,559	July 10	1800	381	123	482
Pressure-regulator.	T. A. Mighill.	827,410	July 31	5557	1156-7	123	1466
Pressure-regulator.	P. H. Reardon.	831,522	Sept. 18	3245	684	124	872
Pressure-regulator.	A. L. Noone.	831,677	Sept. 25	3603	756	124	1004
Pressure-regulator.	A. L. Noone.	831,739	Sept. 25	3712	777	124	1034
Pressure-regulator.	W. O. McCullough.	833,079	Oct. 9	2121	447	124	1765
Pressure-retainer. Automatic.	J. W. Brown.	808,811	Jan. 2	372	80	120	82
Pressure systems. Automatic controller for.	W. J. Richards.	822,223	May 29	6463	1372	122	1675
Pressure-varying device.	W. B. Mason.	822,850	June 5	1223	253	122	1995
Presswork-recorder.	W. F. Palmer and J. Winnacott.	830,923	Sept. 11	2055	433-4	124	547
Price and measure indicator for vessels.	H. F. Dunn.	824,532	June 26	4569	971	122	2884
Primary battery.	C. E. Lockwood and G. A. Lutz.	812,504	Feb. 13	1978	434	120	1969
Primary battery.	C. E. Lockwood and G. A. Lutz.	812,505	Feb. 13	1979	434	120	1969
Prime-mover regulator.	L. Lyndon.	832,072	Oct. 2	80	18-19	124	1231
Priming device.	J. W. Graeme and R. W. McNeely.	831,947	Sept. 25	4139	862	124	1138
Printer and protector. Check.	A. J. Ware and W. Zoller.	812,707	Feb. 13	2378	521	120	2047
Printer and stencil-cutter. Sign.	D. Gerner.	815,808	Mar. 20	3701	780	121	912
Printer. Check.	E. Ocumpaugh.	833,410	Oct. 16	2821	598	124	1990
Printer's and embosser's make-ready.	J. W. Harris and M. M. Kandle.	827,366	July 31	5461	1135	123	1442
Printer's block.	J. Kyle.	823,416	June 12	2380	501	122	2294
Printer's border.	W. D. Palmer.	831,182	Sept. 18	2589	546	124	705
Printer's chase.	S. Moltzrug and W. L. Horner.	821,726	May 29	5512	1175	122	1458
Printer's composing-stick.	F. M. Barker.	808,715	Jan. 2	184	40	120	42
Printer's galley.	J. P. Rivett.	815,980	Mar. 27	4040	855	121	1036
Printer's galley.	C. H. Kellerman.	838,189	Dec. 11	1840	394	125	1858
Printers' leads. Machine for manufacturing.	C. C. Webster.	812,708	Feb. 13	2381	521-3	120	2048
Printer's quoin.	H. A. Hempel.	816,324	Mar. 27	4768	1010	121	1194
Printer's register-hook.	J. E. Lee.	808,663	Jan. 2	83	18	120	20
Printer's registering device.	W. S. Warnock.	819,101	May 1	133	28	122	34
Printers' rollers. Machine for cleaning or treating.	S. Crump and G. Sague.	826,834	July 24	4364	908-9	123	1156
Printers' rollers. Machine for cleaning or treating.	S. Crump and G. Sague.	826,835	July 24	4368	909-11	123	1157
Printer's rule-gage.	A. G. Nelson.	833,477	Oct. 16	2972	630	124	2025
Printer's rules. Machine for forming.	T. F. Dixon.	829,768	Aug. 28	4257	901-2	123	2838
Printer's slug and quad.	H. A. Toren.	839,676	Dec. 25	4766	1019	125	2660
Printing.	J. F. Bell.	819,841	May 8	1614	343	122	425
Printing and addressing machine. Envelop.	M. P. Kenna.	809,957	Jan. 16	2699	556	120	677
Printing and analogous machines. Sheet-feeding mechanism for.	J. F. Johnson.	833,219	Oct. 16	2428	509	124	1890
Printing and auditing machine. Ticket.	F. J. Wills.	820,277	May 8	2545	552-5	122	630
Printing and banding machine. Postal-card.	W. H. Bunce.	812,180	Feb. 13	1350	294	120	1833
Printing and cutting machine. Combined.	J. A. Lyster.	818,699	Apr. 24	4306	923-5	121	2462
Printing and delivering machine. Ticket.	H. H. Cummings.	839,458	Dec. 25	4320	923	125	2552
Printing and delivery mechanism.	W. Scott.	810,886	Jan. 23	4626	964	120	1130
Printing and embossing press.	C. Hawkins.	813,888	Feb. 27	4728	1045-6	120	2662
Printing and embossing press. Plate.	H. G. Turner.	833,185	Oct. 16	2353	492-3	124	1871
Printing and folding machine.	W. Scott.	810,225	Jan. 16	3263	676-7	120	795
Printing and folding machine. Combined rotary web.	H. A. W. Wood.	810,593	Jan. 23	4069	838	120	1009
Printing and issuing machine. Ticket.	J. P. Eastman and T. F. Hawley.	817,421	Apr. 10	1734	365-6	121	1798

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	DrG.	Vol.	Page.
Printing and issuing railway-tickets. Machine for...	R. T. Piscicelli.....	814,985	Mar. 13	1952	410-13	121	480
Printing and numbering machine. Time-	J. C. Wilson.....	816,202	Mar. 27	4503	956	121	1137
Printing and numbering machines. Numbering arrangement for use in connection with	D., Sr. and Jr., A. L., and J. W. Carlaw.	811,372	Jan. 30	5595	1169	120	1374
Printing and other machines. Sheet-receiving apparatus at the delivery end of	W. F. Wood and B. J. J. Goulding.	836,232	Nov. 20	2638	555-6	125	753
Printing and the like machines. Taking-off disk for feeding paper in	J. Hall and M. T. Barber.....	814,539	Mar. 6	1084	224	121	235
Printing apparatus.....	G. H. Gihon.....	810,743	Jan. 23	4332	900-2	120	1068
Printing apparatus.....	J. W. Woodill.....	829,936	Aug. 28	4640	974-5	123	2935
Printing apparatus.....	L. Schlesinger.....	830,617	Sept. 11	1465	303-4	124	392
Printing apparatus. Multiple-	F. S. R. Prentiss.....	824,813	July 3	267	47	123	74
Printing apparatus. Warp-	G. Morton.....	834,396	Oct. 30	5032	1065	124	2619
Printing-block-adjusting device.	W. H. Waldron.....	815,662	Mar. 20	3370	705	121	842
Printing books in type for the blind. Apparatus for	R. Monske.....	811,787	Feb. 6	481	104	120	1588
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	823,673	June 19	2921	.....	122	2473
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	823,674	June 19	2923	.....	122	2473
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	823,675	June 19	2924	.....	122	2473
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	823,676	June 19	2924	.....	122	2473
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	825,526	July 10	1730	.....	123	465
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	825,527	July 10	1731	.....	123	466
Printing. Composition for preventing set-offs in.	G. S. Duncan and G. H. Potts...	825,528	July 10	1732	.....	123	466
Printing-cylinder	D. R. Miller.....	824,803	July 3	240	43	123	67
Printing-cylinders. Forming.....	J. W. McDoe.....	837,102	Nov. 27	4429	939	125	1226
Printing decorative materials and wall-coverings. Machine for	E. C. Baek and R. R. Bertelli...	825,693	July 10	2112	439-40	123	562
Printing, developing, fixing, washing, and drying apparatus. Multiple-	F. S. R. Prentiss.....	830,741	Sept. 11	1745	359	124	471
Printing device.....	P. T. Hahn.....	823,042	June 12	1623	336	122	2131
Printing device.....	A. Holtum.....	823,783	June 19	3120	661	122	2515
Printing device.....	O. D. Safford.....	826,889	July 24	4490	934	123	1186
Printing device.....	W. C. Grant.....	835,903	Nov. 13	2002	424	125	545
Printing device.....	E. J. Brandt.....	837,280	Dec. 4	19	7	125	1359
Printing fabrics.....	P. Jeanmaire and H. Schmid	808,987	Jan. 2	730	.....	120	161
Printing-films. Universal adjuster for	B. Day.....	816,968	Apr. 3	844	173-4	121	1545
Printing-frame.....	A. J. Jarman.....	812,426	Feb. 13	1837	403	120	1940
Printing-frame.....	E. W. Sweigard.....	824,757	July 3	122	23	123	35
Printing-frame.....	E. W. Sweigard.....	835,205	Nov. 6	659	136	125	163
Printing-frame.....	E. Gould.....	838,534	Dec. 18	2515	544	125	2065
Printing in colors. Stencil-plate for	G. Courtot.....	818,521	Apr. 24	3942	849	121	2382
Printing indigo coloring-matter.	H. S. A. Holt and K. Reinking	826,428	July 17	3499	.....	123	916
Printing-machine.....	B. B. Hough.....	813,702	Feb. 27	4359	959-60	120	2582
Printing-machine.....	T. M. North.....	815,857	Mar. 20	3811	807	121	955
Printing-machine.....	G. A. Main.....	816,110	Mar. 27	4323	916	121	1099
Printing-machine.....	T. M. North.....	819,307	May 1	551	117	122	127
Printing-machine.....	W. Scott.....	819,813	May 8	1556	331	122	410
Printing-machine.....	W. H. Brown.....	820,472	May 15	2931	636	122	773
Printing-machine.....	W. Scott.....	823,553	June 19	2690	569	122	2419
Printing-machine.....	S. L. Morgan.....	824,190	June 26	3874	827-8	122	2737
Printing-machine.....	J. Blain.....	826,013	July 17	2716	562	123	727
Printing-machine.....	G. W. Mascord.....	830,448	Sept. 4	1109	232-3	124	274
Printing-machine.....	A. B. Dick.....	831,042	Sept. 18	2290	484	124	638
Printing-machine.....	H. T. Goss.....	831,058	Sept. 18	2335	492-4	124	648
Printing-machine.....	H. A. W. Wood.....	831,257	Sept. 18	2739	576-7	124	743
Printing-machine.....	J. Broome.....	831,323	Sept. 18	2869	608-9	124	776
Printing-machine.....	W. Fullard.....	833,036	Oct. 9	2031	427-8	124	1740
Printing-machine.....	H. A. W. Wood.....	833,192	Oct. 16	2366	495-7	124	1874
Printing-machine.....	J. White.....	833,359	Oct. 16	2708	571	124	1963
Printing-machine.....	L. M. Rash.....	834,490	Oct. 30	5208	1106	124	2665
Printing-machine.....	W. Scott.....	837,130	Nov. 27	4480	950-1	125	1238
Printing-machine.....	L. A. Schmidt.....	837,345	Dec. 4	136	34	125	1389
Printing machine and stencil-sheet to be used therewith. Stencil-	J. Gestetner.....	833,713	Oct. 16	3438	733	124	2133
Printing machine. Blue.....	J. E. Walker.....	826,632	July 24	3997	827	123	1063
Printing machine. Check or ticket.....	F. C. Osborn.....	832,271	Oct. 2	516	98	124	1338
Printing machine. Circular-letter.....	H. C. Sinclair.....	829,440	Aug. 28	3547	743-51	123	2665
Printing-machine. Coin-operated.....	G. A. Moore.....	820,514	May 15	3037	653-4	122	798
Printing-machine. Color.....	C. L. Burdick.....	836,483	Nov. 20	3139	666-7	125	872
Printing-machine. Color.....	C. L. Burdick.....	836,484	Nov. 20	3143	667-8	125	874
Printing-machine cylinder.....	G. F. Read.....	830,527	Sept. 11	1274	265	124	341
Printing-machine cylinder adjustment.....	J. White.....	833,275	Oct. 16	2537	530	124	1918
Printing-machine. Envelop.....	M. P. Kenna.....	819,763	May 8	1450	310	122	384
Printing-machine feed.....	W. Fullard.....	828,281	Aug. 7	1185	247	123	1962
Printing-machine feeding mechanism.....	H. C. Gammeter.....	812,735	Feb. 13	2434	533	120	2060
Printing-machine inking-trough.....	G. Kathe.....	828,667	Aug. 14	1951	411	123	2184
Printing machine. Oil-cloth.....	W. H. Waldron.....	811,342	Jan. 30	5547	1157	120	1364
Printing machine. Plate.....	G. H. Kendall.....	823,878	June 19	3290	698-9	122	2553
Printing machine. Rotary web.....	R. C. Annand.....	834,602	Oct. 30	5413	1148-52	124	2715
Printing machine. Stencil.....	J. A. Ambler.....	829,049	Aug. 21	2726	572	123	2412
Printing machine. Stencil.....	J. A. Ambler.....	833,497	Oct. 16	3013	639	124	2034
Printing machine. Stencil.....	D. Gestetner.....	835,303	Nov. 6	852	179-81	125	215
Printing-machine trip-motion.....	J. White.....	833,276	Oct. 16	2539	531	124	1919
Printing machine. Warp.....	A. C. Schoen.....	839,083	Dec. 18	3535	765	125	2315
Printing machine. Web.....	L. C. Crowell.....	836,669	Nov. 27	3526	752-3	125	1001
Printing-machines. Impression mechanism of cylinder	H. A. W. Wood.....	810,016	Jan. 16	2821	583-4	120	703
Printing machines. Means for supplying rolls of paper to web-	R. C. Annand.....	827,072	July 31	4865	1013	123	1292
Printing-machines. Mechanism for controlling the ink-supply of	D. W. Jones.....	833,220	Oct. 16	2430	509-10	124	1890
Printing-machines. Sheet-feeding device for	G. Kleim.....	819,352	May 1	644	136	122	147
Printing-machines. Side-lay apparatus for	T. M. North.....	825,408	July 10	1447	303-4	123	394
Printing mechanism.....	J. C. Barclay.....	811,995	Feb. 6	946	207	120	1681
Printing mechanism.....	J. F. Kachline.....	832,199	Oct. 2	367	68	124	1301

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Printing mechanism for warp-printing devices.....	F. Schmidt.....	822,308	June 5	168	34-5	122	1765
Printing. Multicolor.....	E. C. Jessurun.....	832,911	Oct. 9	1807	373	124	1687
Printing on tin plates or the like. Machine for.....	G. C. H. Wichmann and A. B. Evans.....	823,835	June 19	3218	680-1	122	2537
Printing or reproducing apparatus.....	W. G. Fuerth.....	826,159	July 17	2994	622	123	794
Printing. Photomechanical.....	J. W. Ippers.....	809,955	Jan. 16	2693	555	120	677
Printing. Photomechanical.....	H. L. Reckard.....	810,434	Jan. 23	3742	771	120	935
Printing. Photomechanical.....	J. W. Ippers.....	812,495	Feb. 13	1962	431	120	1966
Printing. Photomechanical.....	H. L. Reckard.....	815,310	Mar. 13	2631	551	121	632
Printing. Photomechanical multicolor.....	M. N. Weyl.....	809,157	Jan. 2	1055	219	120	232
Printing-plate holder.....	E. R. Storm.....	809,229	Jan. 2	1204	246	120	266
Printing-plate holder.....	C. F. Rockstroh.....	811,328	Jan. 30	5516	1149-50	120	1357
Printing-plates. Means for holding.....	C. Wagner.....	838,512	Dec. 11	2459	534	125	2007
Printing-plates. Means for holding and registering.....	R. Miehle.....	838,039	Dec. 11	1508	325	125	1773
Printing. Poster and color.....	C. S. Heermance.....	824,016	June 19	3563	760	122	2610
Printing-press.....	T. B. Dooley.....	811,488	Jan. 30	5792	1213	120	1415
Printing-press.....	T. B. Dooley.....	811,515	Jan. 30	5841	1223	120	1424
Printing-press.....	T. G. Claridge and T. A. Randall.....	812,545	Feb. 13	2084	456-8	120	1991
Printing-press.....	C. B. Swink.....	813,466	Feb. 27	3900	855	120	2480
Printing-press.....	E. M. Couch.....	813,778	Feb. 27	4501	994-5	120	2612
Printing-press.....	W. Holland.....	814,785	Mar. 13	1584	334	121	405
Printing-press.....	J. E. Roy.....	817,276	Apr. 10	1453	306	121	1738
Printing-press.....	C. L. Post.....	819,310	May 1	556	119	122	128
Printing-press.....	C. H. Palmer and J. W. Denmead.....	819,375	May 1	694	147	122	158
Printing-press.....	P. M. Randall, Jr.....	819,923	May 8	1767	380	122	459
Printing-press.....	C. B. Swink.....	824,889	July 3	426	82-3	123	116
Printing-press.....	C. L. Post.....	825,677	July 10	2084	435	123	556
Printing-press.....	F. P. Sharp and R. C. Andrus.....	827,886	Aug. 7	379	81	123	1764
Printing-press.....	B. B. Carter.....	829,505	Aug. 28	3707	782-8	123	2704
Printing-press.....	T. W. Barber.....	833,018	Oct. 9	1998	417-18	124	1733
Printing-press.....	J. F. Ames.....	833,908	Oct. 23	3882	823-4	124	2291
Printing-press.....	A. B. Sherwood.....	834,026	Oct. 23	4248	901	124	2377
Printing-press.....	W. H. Golding.....	834,612	Oct. 30	5414	1155-6	124	2724
Printing-press.....	C. L. Post.....	835,637	Nov. 13	1517	324	125	427
Printing-press.....	J. L. Firm.....	836,311	Nov. 20	2810	596-7	125	797
Printing-press.....	S. G. Goss.....	836,749	Nov. 27	3711	792	125	1050
Printing-press.....	C. M. Kneppeler.....	838,790	Dec. 18	2907	646	125	2182
Printing-press.....	T. C. Sheehan.....	838,912	Dec. 18	3218	695	125	2234
Printing-press air-cushion.....	R. Miehle.....	836,268	Nov. 20	2722	580	125	773
Printing-press attachment.....	C. R. Clare.....	813,279	Feb. 20	3498	771	120	2336
Printing-press attachment.....	C. M. Dana and E. Kibben.....	815,071	Mar. 13	2137	450-1	121	521
Printing-press attachment.....	H. J. Schoen.....	833,553	Oct. 16	3116	662	124	2058
Printing-press attachment. Platen.....	W. Mayer.....	824,256	June 26	4015	859	122	2766
Printing-press automatic sheet-adjusting device.....	F. H. Tibbetts.....	812,901	Feb. 20	2757	607	120	2176
Printing-press bed and cylinder motion.....	M. J. Barnett.....	808,806	Jan. 2	364	79	120	81
Printing-press bronzing attachment.....	S. R. Kramer.....	829,074	Aug. 21	2773	583	123	2425
Printing-press cutting attachment.....	J. W. Smith and G. U. Harn, Jr.....	816,945	Apr. 3	802	164-5	121	1536
Printing-press delivery apparatus.....	S. G. Goss.....	812,923	Feb. 20	2795	615-16	120	2184
Printing-press delivery mechanism.....	C. B. Swink.....	810,231	Jan. 16	3281	679	120	799
Printing-press delivery mechanism.....	M. J. Barnett.....	826,825	July 24	4346	904	123	1151
Printing-press feeder.....	M. J. Barnett.....	829,248	Aug. 21	3143	662-3	123	2518
Printing-press feeding attachment.....	W. S. Brown and H. W. Enderis.....	815,262	Mar. 13	2530	531	121	610
Printing-press. Flat-bed web.....	H. F. Bechman.....	809,241	Jan. 2	1257	256	120	277
Printing-press gripper.....	F. R. Stearns.....	822,027	May 29	6079	1295	122	1586
Printing-press gripper.....	F. I. Macauley.....	822,967	June 12	1462	305	122	2094
Printing-press gripper and means for operating same.....	M. J. Barnett.....	818,338	Apr. 17	3570	764	121	2249
Printing-press ink-distributor.....	J. S. McKinley.....	809,521	Jan. 9	1847	383	120	440
Printing-press ink-distributor.....	T. P. Rawlings.....	839,199	Dec. 25	3809	822	125	2427
Printing-press ink-distributing device.....	R. Marx.....	815,850	Mar. 20	3795	801-2	121	932
Printing-press ink-roller-driving mechanism.....	B. Hall.....	810,051	Jan. 16	2920	608	120	726
Printing-press inking apparatus.....	J. A. Noel.....	819,371	May 1	686	144	122	157
Printing-press inking apparatus.....	H. F. Bechman.....	823,098	June 12	1752	360-1	122	2158
Printing-press inking arrangement.....	G. P. Fenner.....	818,238	Apr. 17	3381	725-6	121	2209
Printing-press inking device.....	J. C. Padgett.....	836,528	Nov. 20	3233	688-9	125	896
Printing-press inking-fountain.....	M. F. Dehler.....	835,784	Nov. 13	1786	378	125	495
Printing-press inking mechanism.....	S. L. Morgan.....	824,191	June 26	3880	828	122	2738
Printing-press inking-roll truck.....	J. E. Lee.....	834,308	Oct. 30	4856	1025	124	2575
Printing-press mechanism.....	J. J. Mosher.....	809,004	Jan. 2	757	164	120	167
Printing-press. Multicolor.....	F. H. Mowbray, W. Black, and R. Warriner.....	819,157	May 1	232	50	122	58
Printing-press. Multicolor.....	C. L. Post.....	819,309	May 1	553	118	122	127
Printing-press. Multiroll web-perfecting.....	S. G. Goss.....	836,750	Nov. 27	3713	793	125	1050
Printing-press numbering mechanism.....	G. H. Kendall.....	811,508	Jan. 30	5830	1220-1	120	1422
Printing-press. Oscillating-cylinder.....	J. Lutz.....	831,962	Sept. 25	4169	869	124	1146
Printing-press perforating attachment.....	H. Caton.....	821,217	May 22	4473	952	122	1173
Printing-press plate-holder.....	H. A. Maley.....	810,067	Jan. 16	2948	614	120	732
Printing-press. Platen.....	R. E. and A. Kemper.....	819,069	May 1	63	14-17	122	18
Printing-press platen-lock.....	J. E. Lee.....	834,309	Oct. 30	4857	1026	124	2575
Printing-press. Power plate.....	H. J. Schoen.....	813,241	Feb. 20	3432	756-7	120	2322
Printing-press registering mechanism.....	H. A. W. Wood.....	824,325	June 26	4135	885	122	2792
Printing-press roller-protector.....	C. L. Matheson and T. M. Dale.....	824,732	July 3	63	13	123	20
Printing-press. Rotary.....	H. F. Bechman.....	814,510	Mar. 6	1017	209-11	121	222
Printing-press. Rotary.....	B. F. Berry.....	823,387	June 12	2328	488	122	2283
Printing-press. Rotary.....	F. M. Turk.....	830,751	Sept. 11	1762	363-4	124	475
Printing-press sheet-manipulating mechanism.....	L. E. Morrison.....	818,974	Apr. 24	4844	1041-2	121	2579
Printing-press sheet-manipulating mechanism.....	L. E. Morrison.....	819,699	May 1	1307	284	122	294
Printing-press. Two-revolution cylinder.....	B. F. Berry.....	812,632	Feb. 13	2244	487	120	2621
Printing-press. Two-revolution cylinder.....	B. F. Berry.....	819,716	May 8	1349	292	122	363
Printing-press tripping mechanism.....	L. E. Morrison.....	818,903	Apr. 24	4707	1010	121	2549
Printing-press. Web-perfecting.....	E. J. Barker.....	810,608	Jan. 23	4102	845-7	120	1017
Printing-presses and other machines. Reciprocating bed-actuating apparatus for.....	A. Anderson.....	817,215	Apr. 10	1326	277	121	1713
Printing-presses and other machines. Sheet-handling machinery for.....	T. C. Dexter and H. Hallstream.....	814,522	Mar. 6	1044	216-17	121	228
Printing-presses. Attachment for ink-fountains of.....	R. J. Greenway, Jr.....	814,037	Mar. 6	78	14	121	18

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Printing-presses. Automatic sheet-retarding device for	B. Gustafson.....	832,968	Oct. 9	1907	397	124	1710
Printing-presses. Pressure-controlling device for the air-springs of	C. P. Cottrell.....	810,624	Jan. 23	4132	854	120	1023
Printing-presses. Safety device for two-revolution.	M. Rockstroh.....	809,748	Jan. 9	2292	474	120	536
Printing-presses. Support for paper fed to	E. W. Carpenter.....	833,997	Oct. 23	4181	886	124	2359
Printing-presses. Tympan-offset paper for	A. E. Dubéy.....	812,553	Feb. 13	2100	460	120	1994
Printing-presses. Type-holder for box-	J. F. Ames.....	826,303	July 17	3261	674	123	857
Printing-roller composition on fabrics. Mold for depositing	J. F. Ames.....	816,144	Mar. 27	4390	928	121	1114
Printing roller wrapping-paper. Machine for	H. Barnard.....	819,709	May 8	1335	289	122	360
Printing slug. Line-	J. R. Rogers.....	836,710	Nov. 27	3617	771	125	1024
Printing-surfaces. Producing	H. Barth.....	818,656	Apr. 24	4227	909	121	2446
Printing. Tapestry-yarn	B. H. Gledhill.....	817,313	Apr. 10	1519	319	121	1751
Printing. Transfer-	J. F. Thorpe.....	831,582	Sept. 25	3380	.....	124	943
Printing upon metal. Press for	G. Kreiling.....	810,950	Jan. 30	4781	995	120	1198
Printing yarns. Apparatus for	A. Holtmann.....	816,796	Apr. 3	476	106	121	1462
Prints. Producing multicolor	J. Bachmann.....	814,108	Mar. 6	208	.....	121	45
Profiling-machine driving mechanism	E. W. Bullard.....	812,818	Feb. 20	2593	569-70	120	2140
Projectile	E. M. Johnson.....	814,378	Mar. 6	767	155	121	169
Projectile	E. Niehoff.....	820,818	May 15	3628	775	122	928
Projectile	J. F. Meigs and E. A. Gathmann.	823,953	June 19	3439	734	122	2556
Projectile	J. B. Semple.....	835,714	Nov. 13	1644	350	125	457
Projectile and its band	C. V. Wheeler and A. G. McKenna.	815,992	Mar. 27	4065	861	121	1041
Projectile. Illuminating	W. H. Rose.....	825,419	July 10	1498	310-11	123	409
Projectile. Steel	A. Haase.....	816,577	Apr. 3	41	11	121	1363
Projectiles for small-arms. Apparatus for casting	F. Wicks.....	810,591	Jan. 23	4065	837	120	1008
Projectiles for small-arms. Apparatus for casting	F. Wicks.....	810,832	Jan. 23	4501	937	120	1104
Projectiles. Indicating the trajectory of	J. B. Semple.....	809,988	Jan. 16	2759	567	120	691
Projecting apparatus	F. Schwanhauser.....	826,446	July 17	3535	736	123	925
Propagating-beds. Apparatus for heating	H. Austin.....	810,835	Jan. 23	4506	938	120	1105
Propeller	A. T. Brown.....	810,082	Jan. 16	2863	591-2	120	712
Propeller	W. F. Hunter.....	813,430	Feb. 27	3829	838	120	2463
Propeller	G. Mechttersheimer.....	816,347	Mar. 27	4816	1020	121	1204
Propeller	R. W. Shaw.....	818,125	Apr. 17	3140	675-6	121	2158
Propeller	F. C. Gordon.....	819,540	May 1	995	218	122	224
Propeller	R. A. Workman.....	829,747	Aug. 28	4215	893	123	2828
Propeller	J. Crowther.....	833,586	Oct. 16	3191	677	124	2077
Propeller	A. S. Littlejohn.....	834,624	Oct. 30	5474	1161-2	124	2731
Propeller	J. Fola.....	838,313	Dec. 11	2081	450	125	1914
Propeller attachment for boats	A. E. Hauck.....	818,245	Apr. 17	3398	728	121	2212
Propeller attachment for rowboats	E. G. Wallof.....	812,534	Feb. 13	2046	448-9	120	1984
Propeller. Boat	C. E. Barber.....	812,475	Feb. 13	1919	423	120	1957
Propeller. Boat	C. E. Barber.....	813,074	Feb. 20	3107	681	120	2254
Propeller. Boat	H. B. Prosser.....	815,738	Mar. 20	3545	744	121	880
Propeller. Boat	F. C. Tambling and H. Charles.	829,681	Aug. 28	4071	862	123	2794
Propeller for boats. Endless	G. R. Horton.....	813,648	Feb. 27	4254	934-5	120	2559
Propeller for boats. Steering	H. W. Hellmann.....	816,163	Mar. 27	4431	937	121	1122
Propeller for marine vessels	L. D. Mallory.....	817,981	Apr. 17	2856	619	121	2098
Propeller for marine vessels	J. Dela Mar.....	823,476	June 12	2505	526	122	2321
Propeller for navigable vessels	J. A. Arthur.....	833,364	Oct. 16	2717	573	124	1966
Propeller for navigable vessels. Screw-	T. Eaton.....	837,391	Dec. 4	226	56-7	125	1412
Propeller for vehicles that travel in a fluid	A. Gambin.....	838,098	Dec. 11	1647	355	125	1809
Propeller. Reversible	F. Gray.....	811,287	Jan. 30	5445	1135	120	1342
Propeller. Reversible	W. C. Fischer.....	838,532	Dec. 18	2512	543-4	125	2064
Propeller. Reversible or feathering screw-	H. K. Milham.....	822,064	May 29	6153	1312	122	1603
Propeller. Screw	E. K. Purvis.....	815,740	Mar. 20	3549	745	121	880
Propeller. Screw	E. E. Adams.....	816,836	Apr. 3	573	120	121	1486
Propeller. Screw	D. W. Taylor.....	832,173	Oct. 2	314	59	124	1289
Propeller. Screw	G. J. O'Flynn.....	835,313	Nov. 6	876	186	125	222
Propeller shafts. Protecting-sleeve for screw-	F. R. Cedervall.....	810,187	Jan. 16	3180	659	120	779
Propeller-wheel	F. Chimzar.....	808,814	Jan. 2	378	81	120	84
Propeller-wheel	A. H. Little.....	817,494	Apr. 10	1888	398	121	1830
Propeller-wheel	H. J. Perkins.....	821,534	May 22	5115	1089	122	1315
Propeller-wheel	N. R. Smith.....	833,850	Oct. 23	3743	795	124	2256
Propeller-wheel. Reversible	F. M. Spaulding.....	817,728	Apr. 10	2320	499	121	1925
Propellers. Operation of ships'	C. Del Proposto.....	832,622	Oct. 9	1224	246	124	1548
Propellers. Pitch-lock for reversible	B. N. Pierce.....	834,076	Oct. 23	4355	925-6	124	2402
Propelling and steering apparatus for boats. Combined	C. W. Post.....	817,935	Apr. 17	2770	600	121	2079
Propelling and steering mechanism. Vessel	N. P. Nelson.....	830,356	Sept. 4	915	189	124	226
Propelling apparatus for boats	A. L. Russell.....	834,324	Oct. 30	4881	1033	124	2581
Propelling device	O. E. Hagaman.....	818,536	Apr. 24	3975	854	121	2390
Propelling device. Self-	B. Shorthouse.....	819,609	May 1	1113	245	122	250
Propelling device. Vessel	P. Carlson.....	808,634	Jan. 2	28	7	120	9
Propelling mechanism	F. Pébissier.....	816,368	Mar. 27	4858	1030	121	1213
Propelling mechanism	D. W. Rantine.....	817,091	Apr. 3	1062	220-1	121	1593
Propelling mechanism for vessels	W. W. Cox.....	827,619	July 31	6069	1259	123	1593
Propelling mechanism for vessels	P. A. Coupal.....	829,378	Aug. 21	3425	721	123	2586
Propelling mechanism. Universal	D. W. Rantine.....	812,450	Feb. 13	1880	414	120	1949
Propelling mechanism. Vessel	M. B. Hunter.....	837,568	Dec. 4	567	132-3	125	1497
Propelling row-boats. Means for	V. Johnson.....	839,595	Dec. 25	4501	980	125	2618
Propelling ships	A. Gambin.....	822,732	June 5	1011	207	122	1951
Propulsion and lighting. Marine	G. G. Schroeder.....	830,011	Sept. 4	196	34-5	124	49
Propulsion. Means for vessel	T. Rönstrom.....	829,033	Aug. 21	2700	566	123	2405
Propulsion of vessels	T. Davids.....	815,270	Mar. 13	2542	535	121	612
Protective apparatus	F. B. Cook.....	810,914	Jan. 30	4698	981-2	120	1179
Pruning device	J. Allen.....	825,885	July 17	2469	515	123	661
Pruning implement	J. S. Rohrer.....	812,528	Feb. 13	2037	447	120	1983
Pruning implement	J. W. Payne.....	822,764	June 5	1060	218	122	1961
Pruning implement	J. McNair.....	828,764	Aug. 14	2141	453	123	2232
Pruning-shears	W. Cronk.....	834,564	Oct. 30	5330	1132	124	2695
Pruning-shears	V. W. Kelly.....	835,791	Nov. 13	1794	380	125	497
Pruning-shears	A. J. Hammond.....	838,504	Dec. 11	2442	531	125	2003
Puff-box	E. A. Bagby.....	828,365	Aug. 14	1365	288	123	2033
Pull-rod link, hook, and tongue	J. M. Farnsworth.....	826,775	July 24	4258	885	123	1130

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Puller:							
See Beet-puller.	Pipe-puller.						
Bottle-cap and cork puller.	Spike-puller.						
Grub-puller.	Staple-puller.						
Hay and straw puller.	Stump-puller.						
Hose-puller.	Tack-puller.						
Nail-puller.	Weed-puller.						
Pulley	H. T. Hallowell	811,290	Jan. 30	5450	1136	120	1343
Pulley	H. C. Grannatt	820,410	May 15	2810	612	122	748
Pulley	J. T. Johnson	821,169	May 22	4387	933	122	1155
Pulley	W. M. Rockwood	821,379	May 22	4817	1023	122	1251
Pulley	H. A. Bubb	827,346	July 31	5428	1128	123	1434
Pulley	H. J. Gilbert	833,596	Oct. 16	3212	683	124	2082
Pulley	S. Abbott	834,700	Oct. 30	5618	1192	124	2769
Pulley	A. Johnston	839,596	Dec. 25	4593	980	125	2618
Pulley. Automatic release	B. C. Swaggert	839,228	Dec. 25	3869	832	125	2441
Pulley. Belt	D. T. McNeil	817,439	Apr. 10	1778	373-4	121	1807
Pulley. Belt	D. T. McNeil	826,185	July 17	3037	630-1	123	804
Pulley-block	F. P. Whiteside	811,191	Jan. 30	5249	1099	120	1300
Pulley-block	W. S. Tuttle	816,196	Mar. 27	4493	953	121	1135
Pulley-block	J. M. Boyd	827,680	July 31	6207	1290	123	1629
Pulley-block	F. Burge	827,959	Aug. 7	534	109	123	1805
Pulley-block	A. Porter and L. Anderson	832,026	Sept. 25	4283	895	124	1175
Pulley-block	J. Bass	835,877	Nov. 13	1949	413	125	532
Pulley-block. Automatic safety	F. W. Carter	835,152	Nov. 6	560	114	125	1588
Pulley-block. Ball-bearing	E. E. La Rose	817,074	Apr. 3	1036	215	121	1588
Pulley. Clothes-line	H. Koorie	809,815	Jan. 9	2411	500	120	563
Pulley. Clutch	W. J. Hilliard. (Reissue)	12,583	Dec. 18	3566	772	125	2325
Pulley device	G. Merritt	815,613	Mar. 20	3264	685	121	819
Pulley. Expanding	A. L. Noel	818,280	Apr. 17	3452	743	121	2224
Pulley. Expansible	J. P. Brennan	809,169	Jan. 2	1075	224	120	236
Pulley. Expansible	C. J. Reed	816,184	Mar. 27	4472	947	121	1131
Pulley. Expansible	E. E. James	824,022	June 19	3575	762	122	2613
Pulley. Expansible	G. S. Cox	837,261	Nov. 27	4732	1002	125	1300
Pulley for hay-sling carriers. Compression-	G. A. Olson	827,031	July 24	4743	990	123	1248
Pulley-frame	L. Zamboni	828,698	Aug. 14	2018	426	123	2201
Pulley-frame	L. Zamboni and R. H. Bowen	828,699	Aug. 14	2019	426	123	2201
Pulley. Guide	A. B. Ferdinand	819,874	May 8	1672	359	122	438
Pulley hanger and window-frame head. Sash-cord-	W. H. Mullins and W. C. Hare	825,001	July 3	646	130	123	169
Pulley-housing. Sheet-metal	P. Dosch	817,228	Apr. 10	1352	284	121	1719
Pulley. Loose	R. C. Nugent	817,724	Apr. 10	2300	495	121	1918
Pulley. Loose	C. Moore	835,546	Nov. 13	1334	286	125	380
Pulley lubricator. Loose	I. C. Hobart	822,046	May 29	6124	1304	122	1597
Pulley-mounting	W. T. McDermott and W. F. Betzel	809,390	Jan. 9	1591	323	120	383
Pulley or wheel. Loose	J. B. Ettinger	825,813	July 10	2334	486	123	615
Pulley. Sash	C. J. Caley	809,489	Jan. 9	1790	370	120	427
Pulley. Sash	D. G. Clark	818,231	Apr. 17	3364	720	121	2206
Pulley. Sash	M. H. Ballew and R. A. Mead	818,335	Apr. 17	3566	763	121	2248
Pulley. Sash	F. S. Clarkson	827,618	July 31	6067	1259	123	1593
Pulley. Sash	A. Johnston	837,475	Dec. 4	396	90	125	1455
Pulley. Self-lubricating	C. B. McKown	827,171	July 31	5104	1061	123	1365
Pulley. Self-lubricating loose	L. O. Goodwin	821,632	May 29	5309	1133	122	1414
Pulley. Split	O. A. Nelson	816,117	Mar. 27	4338	919	121	1103
Pulley. Split	H. Romünder	825,982	July 17	2645	549-50	123	708
Pulley. Split or divided	E. A. Hildreth	821,715	May 29	5493	1170	122	1454
Pulley stop mechanism. Expansible	C. J. Reed	814,986	Mar. 13	1961	413	121	482
Pulley-tackle	E. and P. Guitel	817,848	Apr. 17	2581	556	121	2036
Pulley. Track	F. S. Clarkson	827,850	Aug. 7	320	67	123	1750
Pulley. Wood split	E. L. Pence	829,424	Aug. 28	3517	738	123	2656
Pulleys. Adjusting mechanism for expansible	C. J. Reed and R. Parsons	836,783	Nov. 27	3778	805	125	1067
Pulleys and checks. Check attachment for	R. Kurella	822,058	May 29	6144	1309-10	122	1601
Pulleys to shafting. Means for adjustably securing	D. F. Stayman	831,116	Sept. 18	2471	522	124	677
Pulleys. Yoke for split sheet-metal	E. T. Shepard	823,483	June 12	2525	530	122	2326
Pulmonary tuberculosis. Rarefied-air apparatus for the treatment of	J. E. Harper	826,029	July 17	2745	568	123	734
Pulp-board-making machine	A. W. Case	838,686	Dec. 18	2812	604	125	2138
Pulp-digesters. Outlet connection for	G. S. Van Voorhis	832,935	Oct. 9	1855	384	124	1697
Pulp-distributor	D. Lonie	838,196	Dec. 11	1853	397	125	1861
Pulp-fiber-disk-forming machine	R. W. Goeb	829,645	Aug. 28	4005	848-9	123	2778
Pulp from waste water. Reclaiming	H. Parker	828,500	Aug. 14	1630	344	123	2102
Pulp kegs or packages. Machine for crimping or bending the bodies of	E. Moxham	832,075	Oct. 2	90	20	124	1233
Pulp. Manufacture of chemical or sulfite wood-	R. Roe, Jr.	833,750	Oct. 23	3504		124	2197
Pulp-molding machine	G. R. Ward	827,765	Aug. 7	158	32-3	123	1708
Pulp-molding machine	C. D. Ormiston	827,815	Aug. 7	254	51-2	123	1734
Pulp-molding machine	M. O. Kasson	828,408	Aug. 14	1438	303	123	2052
Pulp-molding machine	G. R. Ward	828,909	Aug. 21	2442	518-19	123	2329
Pulp or paper stock screen	W. W. Wells	830,389	Sept. 4	995	209	124	245
Pulp-screen	C. E. Chapman	818,230	Apr. 17	3362	720	121	2205
Pulp-screen	E. Meurer	830,349	Sept. 4	900	185	124	223
Pulp-screen	O. H. Moore	833,617	Oct. 16	3252	692	124	2091
Pulp-screen	F. M. Chapman	834,192	Oct. 23	4606	976	124	2468
Pulp-screen. Centrifugal	J. H. Baker, G. F. Shevlin, and F. H. Baker	809,041	Jan. 2	821	176	120	181
Pulp-screening machine. Centrifugal	C. W. Thomas	809,642	Jan. 9	2104	435-6	120	492
Pulp-screening machine	E. W. Goodrick	815,421	Mar. 20	2922	606-7	121	745
Pulp-screening machine	E. W. Goodrick	822,599	June 5	746	151-2	122	1892
Pulp-screening machine. Fibrous	P. R. Thom	814,748	Mar. 13	1512	320-1	121	391
Pulp-strainer	J. W. Walters	834,596	Oct. 30	5400	1145-6	124	2712
Pulp-strainer. Oscillating cylindrical	H. Sanguinetti	810,813	Jan. 23	4474	929-30	120	1098
Pulp-strainer. Oscillating cylindrical	H. Sanguinetti	817,007	Apr. 3	921	190	121	1562
Pulp-straining cylinder	P. Reinicque	826,193	July 17	3058	634	123	809
Pulp-treating machine	H. Parker	811,660	Feb. 6	244	53-4	120	1538
Pulp, wood, &c., and the resulting material. Treating	C. F. Mabery	832,799	Oct. 9	1579		124	1631

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pulp-wood chips. Apparatus for assorting	N. M. Jones	819,889	May 8	1705		122	446
Pulverizer	G. Raymond and J. H. Finlay	812,231	Feb. 13	1454	318-19	120	1857
Pulverizer	C. C. Scoullar and E. E. Hill	828,517	Aug. 14	1668		352	121
Pulverizer	J. C. Clark	828,927	Aug. 21	2478		525	123
Pulverizing-machine	G. L. Pratt	826,062	July 17	2814	583-4	125	750
Pulverizing-mill	E. H. Hurry	814,961	Mar. 13	1902		400	121
Pulverizing-mill	S. R. Krom	823,127	June 12	1814	373-4	122	2170
Pulverizing-mill	G. L. Pratt	826,061	July 17	2811		583	123
Pulverizing-mill	A. J. Sackett	829,173	Aug. 21	3012		629	123
Pulverizing-mill	J. H. Elspass	835,104	Nov. 6	467	94-5	125	122
Pulverous material. Process and press for pressing.	C. von Pelchrzim and J. Thümmel	808,776	Jan. 2	313		68	120
Pulverulent materials. Concentrator for	R. G. Neumann	821,819	May 29	5696	1214	122	1501
Pump	A. K. Miller	808,857	Jan. 2	451		99	120
Pump	P. A. Myers	809,389	Jan. 9	1588		323	120
Pump	H. Beau	810,182	Jan. 16	3165		655	120
Pump	P. H. Lynch	813,051	Feb. 20	3052		671	120
Pump	L. T. Weiss	814,179	Mar. 6	343		70	121
Pump	E. M. Nevins	814,312	Mar. 6	624		128	121
Pump	W. Neil and G. Alstad	814,867	Mar. 13	1733	363-4	121	436
Pump	W. T. Fiers	815,082	Mar. 13	2160		455	121
Pump	G. W. Kellogg	816,476	Mar. 27	5079		1077	121
Pump	C. F. Wray	816,520	Mar. 27	5167		1096	121
Pump	E. W. Stroup	818,001	Apr. 17	2901		626	121
Pump	A. E. Guy	820,778	May 15	3524		756	122
Pump	A. C. Berry	822,178	May 29	6378	1354-5	122	1654
Pump	P. H. Deis	823,207	June 12	1985	413-14	122	2210
Pump	F. W. Machlet	825,671	July 10	2073	432-3	123	552
Pump	J. J. Reilly	826,064	July 17	2818	584-5	123	751
Pump	H. Terry	826,071	July 17	2832		588	123
Pump	E. T. Betker and W. D. Snyder	827,205	July 31	5163		1072	123
Pump	J. Jordan	829,017	Aug. 21	2654		559	123
Pump	A. Schluter	829,355	Aug. 21	3374		712	123
Pump	H. A. Metz	829,723	Aug. 28	4171		883	123
Pump	W. A. Mitchell	830,484	Sept. 4	1185		247	124
Pump	P. A. Myers	831,175	Sept. 18	2571		542	124
Pump	A. E. Pray and L. M. Philbrick	831,679	Sept. 25	3606		756	124
Pump	M. Johnson	832,734	Oct. 9	1439		291	124
Pump	J. Ferries	833,160	Oct. 16	2289		481	124
Pump	T. T. Johnston	834,384	Oct. 30	5009	1060-1	124	2614
Pump	A. J. Ross and M. J. Morton	837,342	Dec. 4	132		33	155
Pump	E. P. Worden	837,995	Dec. 11	1422		309	125
Pump	H. and J. E. Nagel	838,887	Dec. 18	3167		683	125
Pump	J. W. Myer	839,020	Dec. 18	3405		734	125
Pump	S. P. Hatfield	839,757	Dec. 25	4935		1054	125
Pump. Adjustable pressure	E. S. Clark	816,964	Apr. 3	839		172	121
Pump. Air	D. Mills	809,002	Jan. 2	754		163	120
Pump. Air	N. W. Dible	827,714	Aug. 7	34		8	123
Pump. Ammonia	A. H. Eddy	815,911	Mar. 20	3916	828-9	121	957
Pump and liquid-measure. Tank	J. H. Sherrard	819,088	May 1	109		23	122
Pump and measure. Combined oil	W. B. Haines	810,532	Jan. 23	3949		812	120
Pump and motor. Rotary	E. M. Fraser	815,522	Mar. 20	3098		647	121
Pump and propeller. Spiral	V. Sjöström	815,224	Mar. 13	2467		514	121
Pump apparatus. Computing	F. P. Dunn	816,305	Mar. 27	4697		997	121
Pump attachment	W. H. Zorn	837,532	Dec. 4	501		116	125
Pump attachment for windmills	H. F. Gebhart	837,461	Dec. 4	370		86	125
Pump. Automatic boiler	S. A. Reeve	824,142	June 26	3776	806-7	122	2715
Pump. Balanced suction and force	P. H. J. Paindavoine and P. A. Paindavoine-Dufour	813,821	Feb. 27	4581		1013	120
Pump-bucket	A. M. Zimmerman	834,959	Nov. 6	153		31	125
Pump. Centrifugal	J. H. C. Petersen	810,975	Jan. 30	4830		1004	120
Pump. Centrifugal	F. W. and C. A. Krogh	815,439	Mar. 20	2954	613-14	121	752
Pump. Centrifugal	F. W. Krogh	815,540	Mar. 20	3136		656	121
Pump. Centrifugal	R. Pitman	823,077	June 12	1693		350	122
Pump. Centrifugal	W. I. Bettis	832,230	Oct. 2	439	81-2	124	1319
Pump. Centrifugal	W. I. Bettis	832,651	Oct. 9	1280		258	124
Pump. Centrifugal	E. S. Lea and J. Degen. (Reissue)	12,584	Dec. 18	3570	772-3	125	2326
Pump. Centrifugal, turbine, and similar	F. Ray	820,439	May 15	2865		624	122
Pump. Centrifugal turbine or similar	F. Ray	808,682	Jan. 2	114		26	120
Pump. Compound air	H. Wixon	817,538	Apr. 10	1971		418	121
Pump. Compound air	H. Wixon	832,567	Oct. 2	1088		218	124
Pump. Compound centrifugal	W. O. Webber	837,988	Dec. 11	1408		306	125
Pump, compressor, motor, engine, and like machinery. Rotary	F. J. Rochow	819,674	May 1	1255	273-4	122	282
Pump connection for windmills	W. E. Holmes	837,405	Dec. 4	257		64	125
Pump. Cycle	D. K. Bryson	819,690	May 1	1294		281	122
Pump. Dirt-elevating	S. W. Chiles	834,606	Oct. 30	5428	1153	124	2719
Pump. Double-acting deep-well	W. S. Berry and L. A. Sturgeon	816,064	Mar. 27	4227		896	121
Pump. Duplex	P. F. Oddie	818,907	Apr. 24	4715	1011-12	121	2550
Pump. Duplex steam	J. Kofod	830,723	Sept. 11	1707		352	124
Pump. Electrically-driven	H. F. Gurney	823,118	June 12	1793		369	122
Pump for atomizers. Door-operated air	W. H. Rose	812,883	Feb. 20	2725		599	120
Pump for carbonators. Commingling	A. W. Southey and J. J. Megirian	833,257	Oct. 16	2506	523-4	124	1910
Pump for hydraulic jacks and other purposes	H. Hammond	833,457	Oct. 16	2933		623	124
Pump for wells	A. N. Ellis	819,986	May 8	1945		429	122
Pump. Gas	R. Whitaker	821,563	May 22	5163	1102	122	1324
Pump-governor	H. W. Geare	822,519	June 5	570		115	122
Pump-governor	N. G. Copley	830,972	Sept. 11	2141		453	124
Pump-governor. Electric	E. H. Dewson	834,274	Oct. 30	4794		1014	124
Pump-jack	F. M. York	811,114	Jan. 30	5074		1061	120
Pump-jack	J. L. Friesner	829,708	Aug. 28	4141		875	123
Pump. Lift	H. M. Crow	816,965	Apr. 3	840		172	121
Pump. Liquid-measuring	G. Yanacopoulos	831,758	Sept. 25	3744		783	124
Pump. Lubricating	L. M. G. Delaunay-Belleville	833,678	Oct. 16	3355	713-14	124	2117
Pump-lubricating apparatus. Air	P. Beahm	819,401	May 1	744	157-8	122	169
Pump mechanism	S. W. Luitwieler	819,295	May 1	525	110-11	122	121
Pump motor. Oil	A. J. West	821,147	May 22	4355		926	122

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pump motor. Oil.....	W. S. Sherman.....	821,195	May 22	4437	945	122	1166
Pump motor. Oil.....	W. S. Sherman and W. E. Richardson.....	821,196	May 22	4438	945	122	1166
Pump. Oil.....	L. M. G. Delaunay-Belleville.....	817,630	Apr. 10	2142	454	121	1882
Pump. Oil.....	H. L. Leilich and J. P. Burger.....	825,547	July 10	1779	375	123	477
Pump. Oil.....	H. L. Leilich and J. P. Burger.....	825,548	July 10	1782	376	123	477
Pump. Oil.....	C. W. Manzel.....	828,326	Aug. 14	1289	273	123	2014
Pump. Oil.....	W. L. Folden.....	832,573	Oct. 2	1099	222	124	1478
Pump. Oil-well.....	R. E. Bole.....	817,543	Apr. 10	1983	419	121	1850
Pump-operating mechanism.....	W. Goble.....	817,639	Apr. 10	2156	457	121	1885
Pump or compressor. Air.....	C. O. Sobinski.....	829,441	Aug. 28	3561	751	123	2668
Pump-piston.....	S. Munch.....	819,077	May 1	86	20	122	23
Pump-piston.....	T. H. Gallagher.....	837,266	Nov. 27	4740	1004	125	1302
Pump-piston and packing therefor.....	W. M. Maloney.....	823,344	June 12	2260	472	122	2270
Pump-piston attachment.....	J. McEwen.....	818,636	Apr. 24	4178	899	121	2434
Pump-regulating system.....	G. E. Chamberlain and J. J. Merrill.....	822,184	May 29	6388	1356-7	122	1656
Pump-regulator.....	J. P. Watson and F. L. Jahn.....	809,590	Jan. 9	1982	411	120	467
Pump regulator. Air.....	W. Hildebrand.....	821,870	May 29	5783	1232	122	1519
Pump-rod balance.....	J. McKay.....	817,794	Apr. 17	2481	530	121	2013
Pump-rod clamp.....	A. Knocker.....	815,178	Mar. 13	2376	496	121	576
Pump-rod clamp.....	D. W. Sterling.....	834,688	Oct. 30	5593	1186	124	2763
Pump-rod clamp-guide.....	A. T. Ames.....	821,274	May 22	4586	976	122	1199
Pump-rod connection.....	W. Dickson.....	830,136	Sept. 4	473	95	124	119
Pump-rod coupling.....	J. R. Boals.....	813,613	Feb. 27	4192	919	120	2546
Pump-rod coupling.....	L. Pitcher.....	838,448	Dec. 11	2336	507	125	1978
Pump-rod ejector.....	W. Hoekstra.....	812,131	Feb. 6	1187	260	120	1731
Pump-rod-equalizing device.....	J. D. Shipman.....	817,675	Apr. 10	2212	472	121	1899
Pump-rod lifter.....	W. R. Johnson.....	821,645	May 29	5340	1137	122	1421
Pump-rod. Windmill.....	J. Lueck.....	816,586	Apr. 3	68	15-16	121	1371
Pump. Rotary.....	H. R. Comly.....	831,933	Sept. 25	4116	858	124	1133
Pump. Sand and cavings.....	H. R. Hardenburg.....	819,063	May 1	51	11	122	15
Pump. Self-cleaning.....	E. J. Feeny.....	834,569	Oct. 30	5344	1135	124	2698
Pump. Self-measuring oil.....	J. B. Davis.....	829,001	Aug. 21	2616	552	123	2383
Pump. Self-regulating air.....	M. Loewenstein.....	813,982	Feb. 27	4900	1085	120	2696
Pump spring attachment.....	J. O. Bane.....	812,716	Feb. 13	2394	526	120	2050
Pump. Steam.....	J. C. Dean.....	819,864	May 8	1651	352-3	122	434
Pump. Steam.....	W. H. Shaler.....	821,674	May 29	5402	1151	122	1433
Pump. Steam.....	P. Paulsen.....	832,806	Oct. 9	1592	326-7	124	1634
Pump. Steam-engine air.....	W. Weir.....	825,950	July 17	2594	539	123	693
Pump. Treadle.....	J. Cox.....	818,522	Apr. 24	3943	849	121	2382
Pump valve-operating means. Hydraulic.....	B. Obeart.....	812,444	Feb. 13	1869	411-12	120	1946
Pump. Well.....	A. T. Evans and V. C. Gahagan.....	814,365	Mar. 6	743	150	121	165
Pumps and similar devices. Means for automatically controlling the operation of beer or other pumps and the like. Making leather packing-rings for hydraulic.....	A. C. Griscom.....	818,686	Apr. 24	4277	918-19	121	2456
Pumps. Automatic windmill-pull-out mechanism for.....	J. B. Walsh.....	816,197	Mar. 27	4495	954	121	1136
Pumps. Means for balancing centrifugal.....	T. Stebbins.....	833,645	Oct. 16	3307	703	124	2103
Pumps. Safety attachment for windmill.....	J. Degen.....	814,902	Mar. 13	1792	375-6	121	449
Pumps. Time controlling mechanism for.....	A. Jensen.....	814,607	Mar. 6	1210	253	121	262
Pumps with air. Means to replenish the air-chambers of.....	I. Flowers.....	818,946	Apr. 24	4792	1030	121	2568
Pumps. Working barrel for oil and other.....	H. T. Hazard.....	812,423	Feb. 13	1833	402	120	1939
Pumping apparatus.....	W. H. Westernman.....	814,491	Mar. 6	991	203	121	216
Pumping apparatus.....	C. C. Hill.....	812,266	Feb. 13	1534	334-5	120	1875
Pumping apparatus.....	H. W. Kimes.....	813,008	Feb. 20	2971	654	120	2222
Pumping apparatus.....	A. E. Guy.....	820,779	May 15	3525	756	122	905
Pumping apparatus.....	D. C. McIntire.....	828,624	Aug. 14	1872	394	123	2165
Pumping apparatus.....	I. G. Mitchell.....	829,346	Aug. 21	3357	706-7	123	2571
Pumping apparatus.....	R. Contrader.....	831,143	Sept. 18	2517	531	124	687
Pumping apparatus. Liquid.....	G. L. Waterhouse.....	811,110	Jan. 30	5065	1059	120	1260
Pumping apparatus. Oil-well.....	M. W. Quick.....	828,680	Aug. 14	1974	417	123	2190
Pumping apparatus. Water-actuated.....	A. E. Jones.....	836,504	Nov. 20	3179	673	125	884
Pumping device.....	J. A. Hellstrom.....	837,831	Dec. 4	1090	243	125	1625
Pumping device. Steam.....	E. C. Pollard.....	826,355	July 17	3368	696	123	884
Pumping-engine. Steam.....	F. M. Metcalf.....	814,793	Mar. 13	1606	337-8	121	410
Pumping-engine. Steam.....	J. A. Groshon.....	827,149	July 31	5041	1051	123	1338
Pumping liquids. Means for.....	J. E. Starr.....	814,883	Mar. 13	1763	369	121	443
Pumping-power frame.....	W. Hurd and W. Wright.....	810,945	Jan. 30	4775	993	120	1197
Pumping power. Oil-well.....	G. H. Luther.....	828,560	Aug. 14	1755	369	123	2135
Pumping system.....	M. R., Jr., and J. S. Mucklé and T. C. Smith.....	826,953	July 24	4589	956-7	123	1211
Pumping system.....	M. R., Jr., and J. S. Mucklé and T. C. Smith. (Reissue.).....	12,547	Oct. 23	4710	997-8	124	2493
Pumping system.....	W. M. Myers.....	836,775	Nov. 27	3753	800	125	1060
Pumping system. Oil-well.....	R. J. Hoffman.....	809,805	Jan. 9	2394	496	120	559
Punch.....	E. D. Tucker.....	813,843	Feb. 27	4643	1027	120	2643
Punch.....	W. S. Van Emon.....	833,265	Oct. 16	2520	526	124	1914
Punch and cutter. Belt.....	P. E. Cohen.....	821,281	May 22	4600	980	122	1202
Punch and die press.....	G. H. Bartlett.....	831,763	Sept. 25	3755	786	124	1044
Punch and shears. Combined.....	E. E. Gardner.....	812,645	Feb. 13	2269	494	120	2026
Punch and shears. Power.....	L. Van Dorin.....	819,621	May 2	1140	251-2	122	256
Punch and time-stamp. Combined.....	W. L. Lee.....	808,994	Jan. 2	742	160-1	120	164
Punch. Automatic prick.....	G. T. Gilbert.....	813,641	Feb. 27	4242	932	120	2558
Punch. Belt.....	F. E. Walden.....	835,740	Nov. 13	1689	359	125	470
Punch. Blacksmith's.....	J. F. Kidder.....	834,139	Oct. 23	4506	956	124	2443
Punch-bowl.....	J. Simms.....	821,545	May 22	5133	1094	122	1318
Punch. Center.....	C. A. Fisk.....	834,973	Nov. 6	185	39	125	49
Punch. Check.....	A. W. Proctor.....	824,814	July 3	268	48	123	74
Punch. Container.....	W. F. Hobbs.....	809,804	Jan. 9	2393	495	120	559
Punch-cutting or engraving apparatus.....	F. Wicks.....	822,089	May 29	6198	1321	122	1614
Punch for metal.....	C. L. Gerds.....	839,577	Dec. 25	4558	972	125	2610
Punch. Hand.....	T. F. Philippi.....	818,783	Apr. 24	4489	961	121	2502
Punch-holder.....	W. H. Froggatt, Jr.....	816,722	Apr. 3	341	78	121	1436
Punch holder. Swivel.....	L. H. Vold.....	826,130	July 17	2943	611	123	781
Punch. Knife-blade leather.....	S. L. Alvord.....	833,146	Oct. 16	2268	476	124	1849

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Punch. Multiple.	L. H. Vold.	833,811	Oct. 23	3637	778-80	124	2228
Punch or perforator. Ticket.	J. F. Ohmer.	819,917	May 8	1752	377	122	455
Punch or riveter.	S. S. Caskey.	832,294	Oct. 2	557	106	124	1347
Punch or riveter.	S. S. Caskey.	836,630	Nov. 20	3415	729	125	937
Punch or shears.	C. E. Macbeth.	812,576	Feb. 13	2141	469	120	2003
Punch-press.	F. Schulz.	814,167	Mar. 6	323	65	121	71
Punch-press.	A. Coon.	833,123	Oct. 9	2201	463	124	1784
Punch. Ticket.	H. Killacky.	829,273	Aug. 21	3208	674	123	2534
Punch. Ticket.	R. Woodman.	835,485	Nov. 6	1206	261	125	303
Punch. Ticket.	H. H. North and J. Urien.	839,410	Dec. 25	4220	903	125	2527
Punch. Typographic paper.	T. E. Melvin.	813,907	Feb. 27	4766	1052	120	2670
Punching and like machines. Feeding mechanism for.	A. Wilzin.	836,424	Nov. 20	3040	645	125	848
Punching and printing system.	E. C. Albree.	817,291	Apr. 10	1480	311	121	1743
Punching and shearing machine.	L. D. Jannell.	825,731	July 10	2184	456-7	123	579
Punching and shearing machine.	C. Adams.	833,496	Oct. 16	3012	639	124	2033
Punching and shearing mechanism.	G. J. Blum.	833,294	Oct. 16	2584	540	124	1931
Punching-bag.	P. J. Conroy.	811,546	Feb. 6	21	5	120	1489
Punching-bag.	C. McKenzie.	825,860	July 10	2416	504	123	636
Punching-bag apparatus.	W. J. Bryon, Jr.	815,677	Mar. 20	3404	711	121	851
Punching-bag apparatus.	H. E. Cary.	829,257	Aug. 21	3174	668	123	2526
Punching-bag. Coin-controlled.	R. H. Hartley.	822,664	June 5	866	178	122	1920
Punching-bag multiple ball-bearing support.	J. F. Frazee.	823,595	June 19	2763	585	122	2436
Punching-bag support.	R. E. Bied.	818,604	Apr. 24	4118	885	121	2421
Punching-bag support.	J. F. Frazee.	823,594	June 19	2761	585	122	2436
Punching-machine.	J. Nelson.	810,796	Jan. 23	4451	923-4	120	1093
Punching-machine.	J. A. Bell.	813,939	Feb. 27	4829	1066	120	2682
Punching-machine.	C. Weatherston.	823,148	June 12	1850	382	122	2178
Punching-machine.	R. G. Whitlock.	826,394	July 17	3435	712	123	899
Punching-machine.	W. E. Lindsay.	829,277	Aug. 21	3213	675-6	123	2535
Punching-machine.	G. P. Thomas.	835,123	Nov. 6	499	101-2	125	129
Punching-machine.	F. G. Oldenburg.	836,700	Nov. 27	3599	767	125	1018
Punching-machine driving and controlling mechanism.	R. G. Whitlock.	826,395	July 17	3437	712-13	123	899
Punching-machine feeding mechanism.	A. Wilzin.	838,292	Dec. 11	2050	442-3	125	1906
Punching-machine. Hand-operated.	R. Hinchliffe.	828,650	Aug. 14	1922	403	123	2177
Punching-machine. Metal.	G. C. Andrews.	808,712	Jan. 2	172	39	120	39
Punching-machine. Work-feeding.	O. S. Beyer.	829,250	Aug. 21	3148	663-5	123	2518
Punching or like machines. Feeding mechanism for.	A. Wilzin.	836,423	Nov. 20	3037	644-5	125	848
Punching, perforating, or like machine.	R. G. Whitlock.	826,396	July 17	3439	713-14	123	900
Punching, stamping, and like machine.	A. Wilzin.	835,998	Nov. 13	2155	461-2	125	580
Punching tubing. Press for.	J. Gibson.	814,200	Mar. 6	384	78	121	84
Purse and means for suspending the same.	J. Facette.	815,277	Mar. 13	2552	537	121	614
Purse. Book.	E. L. Sweet.	818,202	Apr. 17	3303	706	121	2194
Purse. Change.	L. B. Weissbrod.	839,529	Dec. 25	4475	954	125	2590
Purse for money, &c. Foldable.	R. W., Sr., and E. W. Harvey, Jr.	830,448	Sept. 4	494	100	124	124
Push-button.	F. A. Schneider.	825,448	July 10	1633	340	123	443
Push-buttons. Press-tool for the manufacture of.	G. F. and A. J. Grove.	827,799	Aug. 7	226	45-6	123	1727
Push device.	E. J. Brandt.	824,841	July 3	334	62	123	62
Push-drill.	Z. T. Furbish.	814,529	Mar. 6	1064	219	121	231
Push-rake.	W. W. Miller.	813,569	Feb. 27	4111	901	120	2529
Pushing device.	L. N. Brouillard.	817,693	Apr. 10	2242	481	121	1904
Putting-mat.	E. Smith.	815,649	Mar. 20	3350	701	121	838
Putty.	T. Nadeau.	824,736	July 3	70	123	22	22
Putty knife and chisel.	C. S. Leland.	821,176	May 22	4399	936	122	1158
Puzzle.	J. Bigham.	809,898	Jan. 9	2557	529	120	595
Puzzle.	E. C. Pfeiffer.	811,321	Jan. 30	5503	1147	120	1354
Puzzle.	W. W. Smith.	818,128	Apr. 17	3145	677	121	2160
Puzzle.	B. Dorstrom.	819,345	May 1	628	134	122	145
Puzzle.	B. S. McCain.	821,182	May 22	4407	938	122	1160
Puzzle.	F. W. Jacob.	822,740	June 5	1021	209	122	1952
Puzzle.	W. E. McGraw and A. M. Goodale.	822,862	June 5	1249	257	122	2000
Puzzle.	W. W. Smith.	826,902	July 24	4515	940	123	1193
Puzzle.	E. D. Falkner.	828,880	Aug. 21	2380	507	123	2323
Puzzle.	J. S. Curtiss.	832,299	Oct. 2	570	108	124	1351
Puzzle.	R. M. Lea.	832,614	Oct. 9	1207	243	124	1544
Puzzle.	H. H. Knoll.	834,065	Oct. 23	4332	921	124	2397
Puzzle.	J. E. Van Antwerp.	838,919	Dec. 18	3229	698	125	2237
Puzzle.	W. A. Davenport.	839,733	Dec. 25	4883	1043	125	2689
Pyrimidin derivatives. Making.	M. Conrad and W. Beckh.	811,827	Feb. 6	547	120	1601	1601
Pyrimidin derivatives. Making.	M. Conrad and W. Beckh.	811,828	Feb. 6	548	120	1601	1601
Pyrimidin derivatives. Making.	M. Conrad and W. Beckh.	811,829	Feb. 6	548	120	1602	1602
Pyrometer.	E. Bennett.	822,338	June 5	225	46	122	1775
Pyrometer.	F. J. Albrecht.	830,278	Sept. 4	770	158	124	193
Pyrometer. Portable hot-blast.	E. Brown.	818,867	Apr. 24	4648	998	121	2536
Pyromotor.	W. W. French.	824,474	June 26	4459	946	122	2859
Pyrotechnic device.	H. J. Pain.	827,939	Aug. 7	482	99	123	1792
Quahog-rake.	O. Norton.	820,595	May 15	3185	685	122	830
Quail-trap.	G. E. Hawkins, H. M. and C. P. Stevens.	814,207	Mar. 6	394	80	121	87
Quartz-mill.	J. Y. Bvers and J. W. Myer.	828,456	Aug. 14	1542	326	123	2079
Quick-acting wrench.	F. Norwood.	823,541	June 19	2668	562	122	2415
Quill substance. Machine for treating.	W. Webster.	836,420	Nov. 20	3024	641-3	125	845
Quill substances. Machine for preparing.	W. Webster.	836,621	Nov. 20	3395	723-5	125	934
Quill-treating machine.	F. Holdred.	832,122	June 12	1806	371-2	122	2169
Quill-treating machines. Feed mechanism for.	E. K. Warren.	811,263	Jan. 30	5392	1125	120	1331
Quilting-frame.	D. Massey.	811,650	Feb. 6	226	48-9	120	1535
Quilting-frame.	H. H. Jackson.	813,707	Feb. 27	4367	962	120	2584
Quilting-frame.	J. M. Berglund.	825,799	July 10	2312	482	123	610
Quilting-frame and curtain-stretcher. Combined.	J. R. Monaghan.	820,513	May 15	3035	653	122	797
Quilting-machine.	W. H. Lutz.	825,850	July 10	2402	500-1	123	632
Rabbits. Apparatus for stuffing down into.	W. H. Robinson.	829,738	Aug. 28	4202	890	123	2823
Rabbits or poultry hutches or the like. Means for transporting.	J. Parker.	823,544	June 19	2671	563	122	2415
Race-course machine.	O. Henriksen.	815,165	Mar. 13	2337	489	121	566
Race-course starting-gate. Portable.	M. Cassidy.	808,813	Jan. 2	375	81	120	83

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Race-track. Electric.	T. F. Gaynor.	811,284	Jan. 30	5433	1132	120	1340
Race-track observatory.	M. P. Schetzel.	814,875	Mar. 13	1749	366	121	440
Race-track starting-gate.	L. M. Davis.	825,018	July 3	676	136-7	123	177
Rack:							
<i>See</i> Beet-rack.	Hay-rack.						
Boot and shoe holding rack.	Hay and stock rack.						
Bottle-drying rack.	Hose-rack.						
Bottle-holding rack.	Lantern-globe rack.						
Brick-drying rack.	Meat-rack.						
Broom-rack.	Music-rack.						
Can-rack.	Paper-rack.						
Car-rack.	Paper-bag rack.						
Car-rack.	Parcel-rack.						
Car basket-rack.	Pen-rack.						
Clothes-rack.	Pen and pencil rack.						
Coat-rack.	Pipe-rack.						
Coat, hat, and umbrella rack.	Pot-rack.						
Combination-rack.	Rope-rack.						
Corn-hanging rack.	Routing-rack.						
Cue-rack.	Seale stock-rack.						
Cup and saucer rack.	Segmental rack.						
Display-rack.	Shoe-rack.						
Drying-rack.	Soap and towel rack.						
Fork-rack.	Stall floor-rack.						
Frying-rack.	Table-supporting rack.						
Garment-rack.	Towel-rack.						
Gun-rack.	Trousers-rack.						
Harness-rack.	Wagon-rack.						
Hat and coat rack.	Wardrobe-rack.						
Veil-rack.							
Rack.	B. L. Jessel.	821,364	May 22	4784	1017	122	1244
Rack.	F. G. Hoerlein.	834,057	Oct. 23	4317	917	124	2394
Rack.	A. S. Noonan.	834,486	Oct. 30	5193	1103	124	2661
Rack-and-pinion mechanism.	J. C. Hames.	817,369	Apr. 10	1621	343	121	1774
Racking apparatus.	H. G. Miller and G. R. Lawrence.	808,941	Jan. 2	627	137	120	136
Radiating, cooling, and condensing apparatus. Tube for	J. G. A. Kitchen and L. P. Perkins.	822,372	June 5	283	59	122	1787
Radiator.	W. H. Wyant.	809,486	Jan. 9	1786	369	120	426
Radiator.	I. Brooke.	813,275	Feb. 20	3492	670	120	2335
Radiator.	W. R. Kinnear.	815,354	Mar. 20	2759	575	121	708
Radiator.	J. V. Washburne.	817,287	Apr. 10	1473	309	121	1742
Radiator.	F. Briscoe.	817,692	Apr. 10	2241	481	121	1904
Radiator.	J. Maris.	822,748	June 5	1036	212	122	1956
Radiator.	L. H. Brinkman.	829,625	Aug. 28	3966	839	123	2767
Radiator.	W. E. Roys.	830,369	Sept. 4	946	195	124	233
Radiator.	J. H. Thissen and J. R. Vander Putten.	833,857	Oct. 23	3754	797-8	124	2359
Radiator.	J. H. Davis.	834,364	Oct. 30	4964	1051	124	2603
Radiator.	S. Drew.	838,966	Dec. 18	3302	714	125	2254
Radiator.	J. H. Davis.	839,561	Dec. 25	4529	966	125	2603
Radiator air-valve.	F. W. Leuthesser.	813,011	Feb. 20	2976	655	120	2224
Radiator air-valve. Steam.	J. L. Judge.	816,475	Mar. 27	5077	1077	121	1259
Radiator box-base.	J. F. Geary.	827,093	July 31	4902	1023	123	1301
Radiator-disk.	B. Briscoe.	821,698	May 29	5456	1162	122	1445
Radiator drain-valve.	F. A. Simonds.	820,146	May 8	2295	501	122	573
Radiator dust deflector and catcher.	R. Hawkins.	818,026	Apr. 17	2951	637-8	121	2118
Radiator. Hot-water.	F. H. Wheelock.	830,946	Sept. 11	2102	444	124	557
Radiator. Independent steam-heat.	W. Holstein.	808,925	Jan. 2	600	131	120	132
Radiator. Portable hot-water.	H. T. Offtenderinger.	830,359	Sept. 4	924	192	124	228
Radiator. Sheet-metal.	W. R. Kinnear.	822,613	June 5	769	156	122	1897
Radiator, steam-condenser, &c.	F. Lamplough.	811,853	Feb. 6	603	131-2	120	1612
Radiator supply-pipe and bracket.	J. Collis.	821,787	May 29	5638	1201	122	1487
Radiator-tubes. Machine for making.	F. H. Stolp and C. Wright.	817,939	Apr. 17	2779	601-2	121	2081
Radiator-tubes. Making.	F. H. Stolp and C. Wright.	817,938	Apr. 17	2777	601	121	2080
Radiator valve.	E. H. Packard.	823,632	June 19	2838	601	122	2453
Radiator valve-actuating mechanism.	W. S. Bate.	820,846	May 15	3696	788	122	942
Radiator valve union nipple-wrench.	L. W. Dukerschien and F. Engle.	817,695	Apr. 10	2244	482	121	1905
Radiators. Auxiliary apparatus for supplying steam to	T. A. Fontaine.	817,909	Apr. 17	2720	590	121	2066
Radiators. Construction of metal.	F. Fouché.	838,703	Dec. 18	2839	610	125	2145
Radiators. Dust-collecting shield for.	W. J. Reynolds.	814,234	Mar. 6	450	93	121	97
Radium. Apparatus for application of salts of.	H. Farjas.	839,061	Dec. 18	3486	754	125	2302
Radium surface.	H. Lieber.	821,655	May 29	5361	1143	122	1425
Rafter-gage.	E. H. Horton.	809,686	Jan. 9	2185	452	120	512
Rafter-gage.	V. A. Johndro.	821,168	May 22	4385	933	122	1155
Rafts. Means for securing logs in.	M. F. Brown.	836,627	Nov. 20	3411	728	125	937
Rag-engine.	E. A. Peterson.	836,460	Nov. 20	3108	659	125	865
Rag-shredder.	C. W. Griffin.	827,439	July 31	5646	1170-1	123	1486
Rail.	C. M. Simpson.	814,401	Mar. 6	827	171	121	180
Rail.	G. B. Taylor and C. B. Voynow.	830,623	Sept. 11	1478	306	124	397
Rail-anchor.	J. M. Scott.	814,627	Mar. 6	1250	263	121	271
Rail-anchor.	J. M. Scott.	815,383	Mar. 20	2840	590	121	724
Rail-anchor.	J. M. Scott.	819,175	May 1	269	57	122	68
Rail-anchor.	A. O. Buckius, Jr.	831,140	Sept. 18	2513	530	124	686
Rail and bracket. Toe.	D. L. Tschantz.	827,194	July 31	5147	1068	123	1366
Rail and spike brace. Combined.	G. A. Freeman and C. E. Zortman.	816,452	Mar. 27	5029	1067	121	1249
Rail and tie fastener.	A. S. Dreifelbis.	809,555	Jan. 9	1915	397	120	454
Rail and tie fastener. Combination.	E. M. Crossley.	808,904	Jan. 2	567	125	120	124
Rail-bond.	E. G. Thomas.	812,900	Feb. 20	2752	606	120	2174
Rail-bond.	E. W. Robinson.	823,292	June 12	2162	451	122	2248
Rail-bond.	J. P. Clark.	824,625	June 26	4756	1013	122	2925
Rail-bond.	W. G. Clark.	824,845	July 3	343	63	123	95
Rail-bond.	C. R. Sturdevant.	827,827	Aug. 7	374	56	123	1739
Rail-bond.	F. H. Daniels.	831,776	Sept. 25	3781	791	124	1051
Rail-bond.	J. P. Clark.	831,830	Sept. 25	3884	814	124	1076
Rail-bond.	C. R. Sturdevant.	834,689	Oct. 30	5394	1187	124	2763

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr's.	Vol.	Page.
Rail-bond.....	C. R. Sturdevant.....	834,690	Oct. 30	5596	1187	124	2763
Rail-bond.....	F. D. Masterson.....	839,072	Dec. 18	3508	758	125	2307
Rail-bond and making same. Electric.....	S. P. Cowardin.....	814,771	Mar. 13	1559	329	121	401
Rail-bond compressor.....	C. H. Oslund.....	823,356	June 12	2280	477	122	2274
Rail-bonds. Making.....	W. E. Oakley.....	829,931	Aug. 28	4617	972	123	2929
Rail-bonding tool.....	F. C. Arey.....	812,803	Feb. 20	2561	564	120	2133
Rail-brace.....	C. A. Alkins.....	815,248	Mar. 13	2511	523	121	606
Rail-brace.....	J. F. Kelly.....	825,325	July 10	1274	269	123	349
Rail-brace.....	C. Ropp.....	834,409	Oct. 30	5059	1072	124	2625
Rail-brace.....	G. A. Kahl.....	835,136	Nov. 6	536	109	125	137
Rail-brace.....	W. M. Jenkins.....	839,593	Dec. 25	4588	978-9	125	2617
Rail-brace. Adjustable.....	F. C. Anderson.....	837,175	Nov. 27	4569	969	125	1259
Rail-brace-plate. Guard.....	G. W. Merrell.....	828,949	Aug. 21	2519	534	123	2360
Rail-braces. Means for manufacturing composite.....	W. S. Weston.....	839,531	Dec. 25	4477	955	125	2590
Rail-brake.....	B. V. Gilmore.....	831,055	Sept. 18	2327	491	124	647
Rail-brake.....	W. C. Schulz.....	836,997	Nov. 27	4215	897-8	125	1173
Rail-brake. Emergency.....	P. O. Adams.....	810,316	Jan. 16	3464	715-16	120	839
Rail. Cast manganese-steel.....	W. Brinton.....	812,810	Feb. 20	2578	567	120	2136
Rail-chair.....	A. Bellamy.....	820,545	May 15	3101	667	122	811
Rail-chair and anticreeper.....	F. L. Rager.....	838,900	Dec. 18	3196	690	125	2230
Rail chair and joint combined.....	J. Joynson.....	817,325	Apr. 10	1540	323	121	1756
Rail-clamping device.....	H. Allen.....	837,769	Dec. 4	981	221	125	1598
Rail cleaning and roughing device.....	D. Price and H. C. Zimmerman.....	825,678	July 10	2087	435	123	556
Rail-cleaning apparatus.....	J. Lindall and P. Winsor.....	816,485	Mar. 27	5097	1080	121	1264
Rail-clip.....	L. E. Rodgers.....	813,738	Feb. 27	4417	974	120	2594
Rail column. Hand.....	J. C. Lyle.....	833,746	Oct. 23	3496	746	124	2195
Rail connection. Boltless.....	B. Kreuzberger.....	825,135	July 3	885	187	123	234
Rail-crossing.....	F. A. Lehmann.....	813,387	Feb. 20	3726	819	120	2383
Rail-fastener.....	E. T. Forrester.....	816,788	Apr. 3	464	104	121	1460
Rail-fastener.....	W. G. Tower.....	821,841	May 29	5738	1222	122	1510
Rail-fastener.....	E. W. and E. E. Brimmer.....	825,636	July 10	2000	418	123	534
Rail fastener. Guard.....	H. C. Nunn.....	814,868	Mar. 13	1737	364	121	437
Rail-fastening.....	G. S. Finkle.....	821,408	May 22	4882	1037	122	1265
Rail fastening and support.....	S. J. Scott.....	813,673	Feb. 27	4302	947	120	2570
Rail-fastening device.....	J. L. Dahl.....	821,467	May 22	4994	1062	122	1290
Rail-fastening for metallic ties.....	G. W. Whiteman.....	828,793	Aug. 14	2200	467	123	2248
Rail-fastening for metallic ties.....	G. W. Whiteman.....	828,795	Aug. 14	2204	468	123	2249
Rail frog and switch. Continuous.....	F. H. Shakespeare.....	812,687	Feb. 13	2337	511-12	120	2039
Rail-gage and brace. Combined.....	L. F. Bowman.....	831,597	Sept. 25	3407	715	124	950
Rail. Guard.....	C. M. Hibbets.....	831,553	Sept. 25	3324	697	124	928
Rail. Guard.....	W. H. Guppy.....	833,685	Oct. 16	3386	719	124	2121
Rail. Guard.....	T. Carmichael.....	837,036	Nov. 27	4303	914	125	1194
Rail guard. Point.....	F. C. Anderson.....	830,402	Sept. 4	1018	213	124	251
Rail-holding means.....	J. G. Barrett.....	820,085	May 8	2177	474	122	548
Rail-jack and the like.....	F. Obelhardt.....	812,080	Feb. 6	1095	240	120	1712
Rail-joint.....	C. D. Peters.....	809,217	Jan. 2	1171	242	120	258
Rail-joint.....	R. L. Alexander.....	809,238	Jan. 2	1252	255	120	276
Rail-joint.....	A. W. Chormann and L. L. Combs.....	809,284	Jan. 9	1358	276	120	334
Rail-joint.....	C. H. Stephens.....	809,536	Jan. 9	1875	389	120	446
Rail-joint.....	W. M. Horner and B. F. Landis.....	810,208	Jan. 16	3228	668	120	788
Rail-joint.....	W. W. Anglin.....	810,598	Jan. 23	4077	840	120	1010
Rail-joint.....	J. B. Hensley.....	810,757	Jan. 23	4363	906	120	1075
Rail-joint.....	S. T. Coverstone.....	811,130	Jan. 30	5128	1071	120	1272
Rail-joint.....	J. W. Tracy.....	811,261	Jan. 30	5388	1124	120	1330
Rail-joint.....	C. C. Brown.....	811,369	Jan. 30	5592	1168	120	1374
Rail-joint.....	P. E. Harper.....	811,779	Feb. 6	454	98	120	1584
Rail-joint.....	D. Hewitt.....	812,039	Feb. 6	1021	223	120	1696
Rail-joint.....	U. G. Marcucci.....	812,059	Feb. 6	1054	229	120	1703
Rail-joint.....	L. J. Robichaux, N. Caillouet, and H. F. Delhaye.....	812,296	Feb. 13	1598	351	120	1890
Rail-joint.....	C. M. Rhodes.....	812,594	Feb. 13	2175	475	120	2009
Rail-joint.....	T. W. Mayo.....	813,224	Feb. 20	3405	750	120	2315
Rail-joint.....	A. T. Rowlands.....	813,831	Feb. 27	4617	1022	120	2636
Rail-joint.....	C. E. Christian.....	813,861	Feb. 27	4681	1035	120	2651
Rail-joint.....	G. C. H. Habermann.....	814,443	Mar. 6	903	185	121	197
Rail-joint.....	J. Davies.....	814,772	Mar. 13	1560	329	121	401
Rail-joint.....	E. G. Williams.....	815,243	Mar. 13	2504	521	121	605
Rail-joint.....	N. Sumic.....	815,762	Mar. 20	3609	758	121	893
Rail-joint.....	G. H. Marshall and C. L. Dunn.....	816,671	Apr. 3	257	60	121	1417
Rail-joint.....	W. Daves.....	816,848	Apr. 3	595	124	121	1491
Rail-joint.....	W. A. Hill.....	817,064	Apr. 3	1024	211	121	1585
Rail-joint.....	J. R. Pring.....	817,336	Apr. 10	1558	327	121	1760
Rail-joint.....	R. Romine.....	817,805	Apr. 17	2497	534	121	2017
Rail-joint.....	G. A. Weber.....	817,821	Apr. 17	2526	541	121	2023
Rail-joint.....	G. A. Weber.....	817,822	Apr. 17	2528	541-2	121	2024
Rail-joint.....	G. A. Weber.....	817,823	Apr. 17	2529	542-3	121	2024
Rail-joint.....	G. A. Weber.....	817,824	Apr. 17	2531	544	121	2024
Rail-joint.....	C. E. Lundahl.....	818,385	Apr. 17	3659	786	121	2268
Rail-joint.....	E. Willows.....	818,726	Apr. 24	4364	934	121	2475
Rail-joint.....	J. B. Lobinger.....	818,769	Apr. 24	4462	956	121	2497
Rail-joint.....	J. P. Ank.....	819,035	May 1	2	1	122	3
Rail-joint.....	F. A. Haptonstall.....	819,062	May 1	50	11	122	15
Rail-joint.....	B. F. Lung.....	819,149	May 1	221	47	122	55
Rail-joint.....	L. L. Savoie.....	819,172	May 1	257	55	122	64
Rail-joint.....	H. A. Rhimelander.....	819,456	May 1	842	182	122	189
Rail-joint.....	C. M. Rhodes.....	819,457	May 1	844	182	122	189
Rail-joint.....	S. A. Beeler.....	819,502	May 1	930	204	122	208
Rail-joint.....	E. B. Hardman.....	819,882	May 8	1688	362	122	442
Rail-joint.....	W. Mears.....	820,229	May 8	2443	529	122	607
Rail-joint.....	L. M. Sober.....	820,268	May 8	2533	548-9	122	627
Rail-joint.....	A. H. Kramer.....	820,308	May 8	2609	568	122	644
Rail-joint.....	W. M. Heun.....	820,573	May 15	3152	678	122	823
Rail-joint.....	E. Killing.....	821,420	May 22	4905	1042	122	1270
Rail-joint.....	P. J. Miller.....	821,950	May 29	5945	1266	122	1555

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Rail-joint.....	A. H. Knopf.....	822,896	June 5	1316	271	122	2014
Rail-joint.....	L. B. Leech.....	823,180	June 12	1924	396	122	2196
Rail-joint.....	E. L. Cook.....	824,285	June 26	4056	868	122	2775
Rail-joint.....	W. R. Thomas.....	824,390	June 26	4272	910	122	2819
Rail-joint.....	H. Allen. (Reissue).....	12,497	June 26	4901	1042	122	2954
Rail-joint.....	L. L. Savoie.....	825,007	July 3	655	132	123	172
Rail-joint.....	C. K. Freer.....	825,120	July 3	857	178	123	227
Rail-joint.....	E. B. McCaslin.....	825,401	July 10	1441	302	123	392
Rail-joint.....	H. R. Johnson.....	825,656	July 10	2045	426	123	545
Rail-joint.....	J. Clancy.....	825,806	July 10	2324	485	123	613
Rail-joint.....	H. Bowers.....	826,304	July 17	3264	675	123	857
Rail-joint.....	C. J. Schaefer.....	826,364	July 17	3383	699	123	887
Rail-joint.....	E. P. Wingren.....	826,812	July 24	4320	899	123	1145
Rail-joint.....	O. Blais.....	826,828	July 24	4350	906	123	1153
Rail-joint.....	J. S. Ferrell and J. Stillwell.....	826,840	July 24	4386	913	123	1161
Rail-joint.....	W. D. McCurdy.....	827,111	July 31	4938	1031	123	1310
Rail-joint.....	J. M. Tadlock.....	827,476	July 31	5779	1198	123	1519
Rail-joint.....	J. D. Manese.....	827,741	Aug. 7	93	19	123	1693
Rail-joint.....	G. H. Marshall and C. L. Dunn.....	827,743	Aug. 7	102	102	123	1695
Rail-joint.....	W. J. Overton.....	827,991	Aug. 7	598	121	123	1818
Rail-joint.....	D. A. Bruton.....	828,378	Aug. 14	1384	292	123	2038
Rail-joint.....	S. W. Shaw.....	828,428	Aug. 14	1487	313	123	2065
Rail-joint.....	W. George.....	828,735	Aug. 14	2094	443	123	2221
Rail-joint.....	L. A. Ball.....	829,052	Aug. 21	2730	573	123	2410
Rail-joint.....	A. Ettlin.....	829,065	Aug. 21	2756	579	123	2423
Rail-joint.....	T. Brookfield.....	829,255	Aug. 21	3170	667	123	2525
Rail-joint.....	J. S. Imes.....	830,438	Sept. 4	1093	228	124	270
Rail-joint.....	N. P. Walters.....	830,754	Sept. 11	1769	365	124	476
Rail-joint.....	A. L. Plimpton.....	830,847	Sept. 11	1931	405	124	518
Rail-joint.....	E. T. Brown.....	831,035	Sept. 18	2281	481-2	124	635
Rail-joint.....	G. Murlasits.....	831,292	Sept. 18	2813	593	124	762
Rail-joint.....	W. N. Gordon.....	831,339	Sept. 18	2903	615	124	785
Rail-joint.....	G. McHenry.....	831,458	Sept. 18	3117	660	124	839
Rail-joint.....	W. L. McKnight.....	831,459	Sept. 18	3117	660	124	839
Rail-joint.....	W. P. and S. G. Thomson.....	831,578	Sept. 25	3375	708-9	124	941
Rail-joint.....	W. P. and S. G. Thomson.....	831,580	Sept. 25	3377	709	124	942
Rail-joint.....	W. P. and S. G. Thomson.....	831,581	Sept. 25	3379	710	124	942
Rail-joint.....	D. J. Snyder.....	831,807	Sept. 25	3831	803	124	1063
Rail-joint.....	T. Crane and J. M. Wheeler.....	831,836	Sept. 25	3895	817	124	1078
Rail-joint.....	E. Hamilton.....	832,667	Oct. 9	1314	264	124	1569
Rail-joint.....	W. Nolan and C. H. Pearce.....	832,997	Oct. 9	1965	410-11	124	1725
Rail-joint.....	C. Gibson.....	833,039	Oct. 9	2039	429	124	1742
Rail-joint.....	D. F. Kelly.....	833,221	Oct. 16	2433	510	124	1891
Rail-joint.....	F. M. Vaughn.....	833,494	Oct. 16	3007	638	124	2032
Rail-joint.....	E. A. Gillchrist.....	834,292	Oct. 30	4830	1021	124	2569
Rail-joint.....	W. A. Kelly.....	835,070	Nov. 6	400	82	125	105
Rail-joint.....	T. Wignall and J. O. Kridelbaugh.....	835,087	Nov. 6	430	86	125	114
Rail-joint.....	H. G. Gillmor.....	835,132	Nov. 6	518	105	125	133
Rail-joint.....	J. O. Cashdollar and H. L. Brown.....	835,276	Nov. 6	802	167	125	203
Rail-joint.....	W. C. Weaver.....	835,587	Nov. 13	1414	303	125	402
Rail-joint.....	N. Durand.....	835,668	Nov. 13	1566	335	125	439
Rail-joint.....	R. M. Lynn.....	836,517	Nov. 20	3208	681	125	890
Rail-joint.....	B. Wolhaupter.....	836,953	Nov. 27	4123	880	125	1150
Rail-joint.....	I. Johnson.....	837,070	Nov. 27	4371	926	125	1212
Rail-joint.....	C. E. Schreffler.....	837,129	Nov. 27	4479	950	125	1238
Rail-joint.....	H. D. Shuster.....	837,134	Nov. 27	4495	953	125	1242
Rail-joint.....	L. S. Gordon.....	837,268	Nov. 27	4743	1005	125	1303
Rail-joint.....	C. T. Taylor.....	837,434	Dec. 4	314	75	125	1434
Rail-joint.....	J. F. Barnhill.....	837,999	Dec. 11	1428	310	125	1752
Rail-joint.....	D. H. Gilges.....	838,101	Dec. 11	1651	356	125	1810
Rail-joint.....	C. Tymm.....	838,288	Dec. 11	2045	441	125	1905
Rail-joint.....	J. L. Stoffer.....	838,475	Dec. 11	2396	519	125	1992
Rail-joint.....	J. Witte.....	839,355	Dec. 25	4112	883	125	2502
Rail-joint.....	W. Minnick.....	839,616	Dec. 25	4629	987	125	2628
Rail-joint.....	T. Bowen.....	839,715	Dec. 25	4856	1037	125	2682
Rail-joint and bond therefor. Electrically-conductive.....	B. G. Braine.....	812,781	Feb. 13	2513	553	120	2076
Rail joint and clamp. Continuous.....	W. J. Williams.....	809,417	Jan. 9	1652	339	120	396
Rail-joint and tie. Combined.....	C. J. Larson.....	835,110	Nov. 6	478	97	125	124
Rail-joint-base bond.....	M. W. Williams.....	823,198	June 12	1968	410	122	2207
Rail-joint bridge-plate.....	F. E. Abbott. (Reissue).....	12,518	July 31	6255	1299	123	1643
Rail-joint chair.....	A. M. Ewing.....	809,434	Jan. 9	1684	346	120	402
Rail-joint chair.....	D. and W. L. Mersfelder.....	810,493	Jan. 23	3865	794	120	966
Rail-joint chair.....	H. H. Crawford.....	817,161	Apr. 10	1214	251	121	1690
Rail-joint fastener.....	C. E. Cranford and S. J. Hinton.....	824,909	July 3	468	92	123	124
Rail-joint protector.....	A. Stevens.....	825,498	July 10	1676	350	123	453
Rail-joint support.....	F. Seyhers.....	818,394	Apr. 17	3677	790	121	2271
Rail-joints. Device for use in the manufacture of.....	H. B. Nichols.....	810,074	Jan. 16	2956	616	120	734
Rail-joints. Device for use in the manufacture of.....	H. B. Nichols.....	810,075	Jan. 16	2957	617	120	735
Rail-joints. Device for use in the manufacture of.....	H. B. Nichols.....	826,523	July 17	3742	776	123	981
Rail-plate.....	S. Clary.....	836,436	Nov. 20	3064	650	125	854
Rail. Portable step.....	C. W. McKee and H. Finkbeiner.....	838,266	Dec. 11	2005	430	125	1895
Rail-protector.....	T. Fenwick.....	831,942	Sept. 25	4131	861	124	1136
Rail-sanding device.....	F. J. Burlingame and J. Merrill.....	831,325	Sept. 18	2876	610	124	778
Rail-securing means.....	T. Gardin.....	816,575	Apr. 3	37	10	121	1362
Rail-splice.....	J. K. Bergstrom.....	837,179	Nov. 27	4576	971	125	1261
Rail-splice. Boltless.....	C. L. Sullivan and W. J. Dickinson.....	818,311	Apr. 17	3519	755	121	2239
Rail-splicing device. T.....	W. B. Knight.....	813,157	Feb. 20	3276	720	120	2290
Rail. Steel.....	W. J. Devers.....	837,454	Dec. 4	355	83	125	1444
Rail straightening and leveling device.....	H. M. Stark.....	815,757	Mar. 20	3602	756	121	892
Rail structure. Guard.....	E. S. Hippey.....	836,881	Nov. 27	3958	846	125	1114
Rail-support.....	F. C. Painter.....	809,214	Jan. 2	1167	241	120	257
Rail-support.....	G. M. Cote.....	839,456	Dec. 25	4315	922	125	2551
Rail system for vehicles.....	T. J. Brockway.....	831,702	Sept. 25	3658	765	124	1020
Rail-tie.....	S. B. Ferguson and C. Calhoun.....	810,633	Jan. 23	4146	857	120	1026

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Rail-tie.....	F. Coleman.....	815,065	Mar. 13	2127	448	121	519
Rail-tie.....	F. N. Mihills.....	815,364	Mar. 20	2800	583	121	715
Rail-tie.....	C. H. Brown.....	826,400	July 17	3443	715	123	902
Rail-tie.....	M. McCawley.....	828,499	Aug. 14	1628	344	123	2102
Rail tie and brace.....	N. E. Barnes.....	815,059	Mar. 13	2119	446	121	517
Rail tie and chair.....	E. Butler.....	836,064	Nov. 13	2269	485	125	608
Rail tie and chair. Metallic.....	E. Wheeler.....	819,481	May 1	894	195	122	200
Rail tie and fastener.....	S. L. Anderson.....	839,698	Dec. 25	4810	1028	125	2672
Rail tie and fastening.....	J. G. Snyder.....	826,376	July 17	3405	706	123	892
Rail tie and fastening.....	N. P. Walters.....	830,755	Sept. 11	1770	365	124	476
Rail-tie and rail-joint combined.....	R. P. Cook.....	812,548	Feb. 13	2092	459	120	1993
Rail-track system.....	W. J. Sterling.....	822,399	June 5	329	68	122	1797
Rails. Anchor or sustaining and securing appliance for tramway and like.....	J. Kirkland.....	830,233	Sept. 4	672	135	124	169
Rails. Anticreeping device for.....	J. J. O. Fischer.....	808,648	Jan. 2	54	12	120	14
Rails. Anticreeping device for.....	J. J. O. Fischer.....	839,280	Dec. 25	3969	853	125	2466
Rails. Device for bridging and uniting.....	J. D. Kneedler, N. Van Sickle, B. Couch, and N. T. Hanson.	821,508	May 22	5069	1079	122	1305
Rails. Device for covering and protecting charged.....	G. Egenolf.....	820,186	May 8	2371	515	122	590
Rails. Device for preventing the creeping of.....	G. H. Prentice.....	823,739	June 19	3031	641	122	2494
Rails. Device for preventing the creeping of.....	G. H. Prentice.....	832,699	Oct. 9	1372	277	124	1583
Rails. Device for supporting and spacing guard.....	H. M. Steward.....	821,897	May 29	5832	1241	122	1530
Rails. Iron-framed wood pad for track.....	G. Borini.....	816,774	Apr. 3	441	100	121	1455
Rails. Jim-crow, &c., for bending.....	B. Newman.....	819,161	May 1	240	51-2	122	60
Rails. Means for preventing creeping of.....	C. H. Caspar.....	837,192	Nov. 27	4598	976	125	1266
Rails. Means for securing.....	D. F. Vaughan.....	823,828	June 19	3201	676-7	122	2533
Rails of tramways and the like. Apparatus for cleaning the.....	H. Quertier.....	815,213	Mar. 13	2449	510-11	121	593
Rails or the like. Joint means for.....	W. B. Kline.....	833,396	Oct. 16	2796	591	124	1984
Rails. Renewable cap for permanent way.....	H. W. Perry.....	818,116	Apr. 17	3126	673	121	2155
Rails. Securing means for track.....	J. D. Kneedler.....	821,509	May 22	5070	1080	122	1305
Rails. System of preventing the collection of ice on.....	J. D. Burns.....	814,671	Mar. 13	1355	282-3	121	354
Railway.....	F. English and A. G. Quimby.....	810,479	Jan. 23	3841	789	120	960
Railway.....	G. A. Le Fevre.....	811,855	Feb. 6	607	133	120	1613
Railway.....	L. Ginger.....	813,416	Feb. 27	3795	833	120	2467
Railway.....	W. H. Arnold and H. Smith.....	819,839	May 8	1611	342	122	424
Railway.....	A. H. Wood.....	820,539	May 15	3088	664	122	809
Railway.....	L. Ginger.....	821,796	May 29	5651	1204	122	1491
Railway.....	M. R. Longacre.....	822,745	June 5	1031	211	122	1955
Railway.....	F. W. Parsons.....	839,633	Dec. 25	4688	1001	125	2640
Railway. Amusement.....	A. E. W. Frazer.....	811,211	Jan. 30	5290	1107	120	1308
Railway. Amusement.....	A. C. Cerruti.....	814,939	Mar. 13	1858	389-90	121	463
Railway and other carriages. Automatic coupling for.....	R. B. Parsons.....	835,914	Nov. 13	2018	429	125	549
Railway and other vehicles. Automatic coupling for.....	E. C. Gayer.....	829,582	Aug. 28	3871	821	123	2744
Railway and railway-car.....	P. K. Stern.....	814,245	Mar. 6	474	98-9	121	103
Railway and tramway points, &c. Means or appliance for operating.....	W. Taylor.....	835,896	Nov. 13	1991	420	125	542
Railway and tramway rail.....	S. W. Dalzell.....	815,580	Mar. 20	3205	674	121	805
Railway and tramway truck. Radial.....	J. S. Warner.....	819,189	May 1	295	63-4	122	74
Railway. Apparatus for insuring safety of traffic on single lines of.....	E. Tyer and J. H. Hamilton.....	832,709	Oct. 9	1394	281	124	1588
Railway appliance.....	W. R. Hoyle.....	828,549	Aug. 14	1736	365	123	2129
Railway appliances. Electrofluid pressure mechanism for operating.....	W. J. Bell.....	810,609	Jan. 23	4110	848	120	1018
Railway appliances. Time releasing device for levers controlling.....	J. P. Coleman.....	834,264	Oct. 30	4777	1010-11	124	2556
Railway automatic couplings. Lock-lifter for.....	T. Welch.....	833,812	Oct. 23	3652	780	124	2234
Railway automatic switch. Electric.....	V. Joksch and J. Petrik.....	813,154	Feb. 20	3272	719	120	2289
Railway ballast-plow.....	O. W. Meissner.....	812,222	Feb. 13	1437	313-14	120	1853
Railway block-signal. Automatic.....	H. M. Abernethy.....	829,309	Aug. 21	3271	689-90	123	2549
Railway block-signal system.....	C. M. Kirwan.....	826,256	July 17	3175	658-9	123	835
Railway block-signal system.....	A. L. Bower.....	832,652	Oct. 9	1283	259	124	1562
Railway block-signal system. Electric.....	A. L. Bower.....	810,705	Jan. 23	4268	885	120	1054
Railway block-signal system. Electrically-operated.....	L. Dickey.....	826,999	July 24	4682	976	123	1233
Railway block-signaling. Track instrument for automatic.....	A. J. Stecker.....	817,348	Apr. 10	1583	334-5	121	1766
Railway-brake.....	T. Bell.....	816,702	Apr. 3	308	72	121	1429
Railway-brake.....	W. H. Wood.....	825,099	July 3	814	169-70	123	217
Railway-brake.....	S. Britton.....	828,184	Aug. 7	978	202-3	123	1910
Railway-brake.....	A. H. Marden.....	829,221	Aug. 21	3101	652	123	2508
Railway-brake adjuster.....	R. E. Brooks, F. T. Newitt, and A. J. Smith.....	823,917	June 19	3366	718	122	2569
Railway-brake. Emergency.....	P. W. Counselman and L. M. Crockett.....	828,536	Aug. 14	1702	358	123	2120
Railway-brakes. Retarding valve mechanism for fluid-pressure.....	W. V. Turner and D. M. Lewis.....	837980	Dec. 11	1395	304	125	1743
Railway-carriages and the like. Sliding window for.....	C. S. Snell.....	826,374	July 17	3402	705	123	891
Railway-carriages. Simultaneous locking of doors of.....	N. Dewhurst, J. W. Moore, and R. T. Griffiths.....	815,943	Mar. 27	3970	841	121	1021
Railway cattle-gate.....	C. R. Larkin.....	823,881	June 19	3299	701	122	2555
Railway cattle-guard.....	N. Smith.....	821,439	May 22	4948	1051	122	1280
Railway cattle-guard.....	I. J. Ball.....	823,498	June 19	2576	543	122	2397
Railway cattle-guard.....	Z. T. Story.....	839,225	Dec. 25	3864	831	125	2440
Railway-chair.....	P. Noble.....	818,391	Apr. 17	3673	789	121	2270
Railway-chairs and steel rails. Key or wedge for.....	E. B. Killen.....	837,935	Dec. 11	1296	284	125	1718
Railway-coach chair. Reversible reclining.....	L. Tarwater and C. K. McKnight.....	822,163	May 29	6352	1350	122	1650
Railway-coach chair. Revolvable reclining.....	L. Tarwater and C. K. McKnight.....	822,164	May 29	6354	1351	122	1650
Railway composite tie.....	W. Goldie.....	816,977	Apr. 3	867	179	121	1550
Railway construction.....	P. Holmes.....	821,592	May 22	5217	1114	122	1336
Railway construction.....	J. M. Collins.....	839,731	Dec. 25	4878	1043	125	2687
Railway-controller. Automatic.....	B. F. Carpenter.....	830,472	Sept. 4	1154	242-3	124	285
Railway-coupling.....	C. Lehnert and H. Hülsenbusch.....	835,072	Nov. 6	402	82	125	106
Railway coupling and draw-bar.....	F. W. Parsons.....	817,444	Apr. 10	1786	376	121	1809
Railway cross-tie.....	J. Kahn.....	816,800	Apr. 3	483	108	121	1463
Railway cross-tie.....	A. E. Caskey.....	819,725	May 8	1369	295	122	367

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Railway cross-tie.	L. I. Hart.	824,649	June 26	4798	1023	122	2934
Railway cross-tie.	D. Hoopes.	824,928	July 3	504	100	123	134
Railway cross-tie.	J. M. Griswold.	826,566	July 24	3855	798	123	1025
Railway cross-tie and rail-brace. Metallic.	J. D. Myers.	838,044	Dec. 11	1523	327	125	1777
Railway cross-tie. Composite.	J. H. G. Wolf.	828,991	Aug. 21	2601	549	123	2379
Railway cross-tie, switch-tie, and head-block.	P. H. Madden and H. E. Simpson.	829,278	Aug. 21	3217	677	123	2536
Railway-crossing.	R. N. Walton.	816,178	Jan. 16	3156	653	120	774
Railway-crossing.	G. W. Lancaster.	813,311	Feb. 20	3584	787	120	2355
Railway-crossing.	R. W. Cress.	822,828	June 5	1184	243	122	1987
Railway-crossing.	R. E. Einstein.	829,753	Aug. 28	4182	874	123	2807
Railway-crossing.	C. A. Alden.	831,759	Sept. 25	3745	784	124	1041
Railway-crossing.	B. F. Martin.	832,492	Oct. 2	951	188	124	1441
Railway-crossing.	C. M. McFatrige.	834,158	Oct. 23	4542	963	124	2452
Railway-crossing.	H. A. Baker.	835,898	Nov. 13	1995	422	125	543
Railway-crossing.	R. A. Abbott.	837,371	Dec. 4	191	47	125	1404
Railway-crossing.	A. E. Kaltschmidt.	837,575	Dec. 4	581	135-6	125	1500
Railway-crossing alarm.	A. W. Presley.	837,643	Dec. 4	739	168	125	1537
Railway-crossing. Automatic safety.	T. Squires.	809,028	Jan. 2	796	172	120	175
Railway-crossing gate. Automatic.	C. Hocker.	830,788	Sept. 11	1819	377-8	124	488
Railway-crossing. Movable-point.	F. L. Keim.	812,794	Feb. 13	2546	560	120	2084
Railway-crossing. Movable-point.	W. B. Cooke.	819,520	May 1	957	210	122	214
Railway-crossing. Noiseless.	G. D. Shoop.	835,565	Nov. 13	1363	293	125	387
Railway crossing or frog.	J. E. Lewis.	832,615	Oct. 9	1209	243	124	1545
Railway crossing-signal. Electric.	E. W. Vogel.	828,758	Aug. 14	2191	464-5	123	2244
Railway-crossing track mechanism.	J. W. Renner.	828,054	Aug. 7	726	149	123	1850
Railway-crossings. Apparatus for preventing collisions at	C. R. Barnes and A. Green.	828,871	Aug. 21	2359	502	123	2318
Railway-crossings. Automatic safety alarm apparatus for	R. Stanley.	839,664	Dec. 25	4744	1014	125	2653
Railway-crossover.	G. A. Ransom.	830,927	Sept. 11	2064	435	124	549
Railway-crossover.	E. J. Fogarty.	831,782	Sept. 25	3792	794	124	1054
Railway crossover-switch. Portable.	J. B. and A. L. Aldrich.	824,271	June 26	4036	864	122	2771
Railway-derailer.	W. R. Cochran, Jr.	838,083	Dec. 11	1618	349	125	1801
Railway draft-rigging for tenders, &c.	J. F. O'Connor.	829,729	Aug. 28	4182	885	123	2818
Railway draw-head and air coupling. Combined.	L. Lecompte.	809,705	Jan. 9	2214	459-60	120	518
Railway. Electric.	C. Levinson.	809,120	Jan. 2	993	205	120	219
Railway. Electric.	M. A. Lazareff.	819,293	May 1	521	109	122	121
Railway. Electric.	J. A. Garey.	820,407	May 15	2805	611	122	747
Railway. Electric.	J. A. Garey.	820,488	May 15	2973	642	122	783
Railway. Electric.	B. M. Stack and J. F. Burns.	827,189	July 31	5138	1067	123	1364
Railway. Electric.	G. W. Browne.	827,681	July 31	6210	1291	123	1630
Railway. Electric.	C. J. Kintner.	828,322	Aug. 14	1276	270-1	123	2012
Railway. Electric.	J. Murphy.	831,624	Sept. 25	3462	727	124	963
Railway. Electric.	L. W. Pullen.	832,416	Oct. 2	800	154-5	124	1404
Railway. Electric.	M. E. Bailey.	833,017	Oct. 9	1994	417	124	1732
Railway electric block-signal.	W. E. Sands.	819,808	May 8	1547	328-9	122	408
Railway electric signaling apparatus.	B. F. Wooding.	815,315	Mar. 13	2644	553	121	634
Railway. Electric surface and elevated trolley.	C. D. Smith.	811,101	Jan. 30	5044	1054-5	120	1256
Railway electric switch. Street.	J. A. Posey.	811,519	Jan. 30	5851	1225	120	1427
Railway. Elevated.	W. M. Reed.	815,377	Mar. 20	2821	587	121	720
Railway emergency-chain.	H. E. Brown.	819,265	May 1	460	97	122	107
Railway-frog.	T. L. Brennan.	809,487	Jan. 9	1787	369	120	426
Railway-frog.	J. E. Lewis.	815,719	Mar. 20	3492	731	121	869
Railway-frog.	H. and H. J. Theis.	818,717	Apr. 24	4346	932	121	2471
Railway-frog.	J. G. Flugan, Sr.	820,406	May 15	2803	610	122	746
Railway-frog.	I. K. Dixon.	826,410	July 17	3464	720	123	906
Railway-frog.	E. B. Entwisle.	834,278	Oct. 30	4804	1015	124	2563
Railway-frog.	C. F. Boyens.	834,962	Nov. 6	156	32	125	43
Railway-frog.	F. Y. Dibble.	837,807	Dec. 4	1046	233	125	1613
Railway frog and crossing.	E. Hayward.	816,911	Apr. 3	724	149	121	1519
Railway-frog for turnins and turnouts.	E. M. Rankin.	812,877	Feb. 20	2710	597	120	2166
Railway-gate.	A. Spies.	814,330	Mar. 6	669	134-5	121	146
Railway-gate.	W. M. Lowe.	817,259	Apr. 10	1422	299	121	1732
Railway-gate.	W. W. Moore.	822,065	May 29	6156	1212	122	1644
Railway-gate.	A. Dyer.	830,310	Sept. 4	831	170-1	124	208
Railway-gate.	B. F. Parker.	831,091	Sept. 18	2431	511	124	668
Railway-gate.	H. P. Campbell.	835,214	Nov. 6	679	140	125	173
Railway-gate.	J. B. Hockersmith.	838,992	Dec. 18	3342	724	125	2264
Railway-gate. Automatic train-operated.	C. E. Fanning.	828,308	Aug. 14	1245	262	123	2604
Railway-gate. Electric.	A. Knobel.	822,958	June 12	1445	301	122	2690
Railway-gate. Electric.	A. C. Worland.	827,772	Aug. 7	170	34-5	123	1712
Railway. Gravitation.	J. Thompson.	833,762	Oct. 23	3527	752	124	2203
Railway. Gravity.	L. F. Huntley.	833,835	Oct. 23	3707	790	124	2246
Railway. Inclined.	W. H. Strickler.	817,940	Apr. 17	2782	602	121	2081
Railway. Inclined.	E. C. Bruen.	835,662	Nov. 13	1555	333	125	436
Railway. Inclined suspended.	R. B. Fageol.	817,699	Apr. 10	2249	483-4	121	1905
Railway-joint.	G. M. McClure.	813,057	Feb. 20	3079	674-5	120	2248
Railway-joint.	R. B. Swank.	817,729	Apr. 10	2323	499	121	1926
Railway-joint.	M. W. Bell.	822,817	June 5	1162	239	122	1983
Railway journal-boxes. Means for preventing theft of brasses from	E. J. Noblett.	812,866	Feb. 20	2692	593	120	2161
Railway metal draft.	R. J. Hall.	830,318	Sept. 4	843	173	124	211
Railway metal sleeper.	O. Liss.	830,171	Sept. 4	540	110	124	137
Railway-motor. Electric.	P. J. Collins.	826,315	July 17	3293	680-1	123	865
Railway-motor. Electric.	P. J. Collins.	826,478	July 17	3607	751	123	942
Railway-motors and means for mounting the same.	A. Grammont.	830,830	Sept. 11	1897	396	124	509
Gear-case for							
Railway-motors. Suspension means for electric.	C. A. Psilander.	816,600	Apr. 3	108	23	121	1380
Railway. Multiple-speed.	L. McHarg.	830,733	Sept. 11	1732	358	124	467
Railway. Observation-trolley-car.	L. J. Harris.	810,646	Jan. 23	4168	861	120	1032
Railway or tramway vehicles. Means for controlling the spread of wheels of	J. C. Hinton.	825,834	July 10	2377	495-6	123	627
Railway. Overhead.	B. W. Harris.	822,120	May 29	6265	1334	122	1629
Railway paving plant.	G. Merriman.	819,904	May 8	1728	371-2	122	450
Railway pile-driver and the like.	S. L. G. Knox and W. Ferris.	816,584	Apr. 3	58	14	121	1368

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prtg.	V. l.	Page.
Railway. Pleasure-.....	W. P. Taylor and J. L. Hoard ..	815,986	Mar. 27	4050	857	121	1038
Railway. Pleasure-.....	L. A. Thompson	825,431	July 10	1524	315	123	415
Railway. Pleasure-.....	A. Lauster and F. Pounds ..	827,313	July 31	5363	1114	123	1417
Railway. Pleasure-.....	R. Buchanan, Jr.	828,921	Aug. 21	2468	523	123	2346
Railway. Pleasure-.....	W. J. Browne	829,256	Aug. 21	3172	667-8	123	2526
Railway. Pleasure-.....	A. Bragg	838,074	Dec. 11	1603	345	125	1797
Railway purposes. Interlocking machine for	J. B. Struble	835,820	Dec. 18	3055	658-9	125	2197
Railway-rail	C. F. Graft	811,055	Jan. 30	4968	1037	120	1240
Railway-rail	E. C. Geneux	812,988	Feb. 20	2933	646	120	2214
Railway-rail	J. Moyle	825,975	July 17	2632	547	123	704
Railway-rail	C. W. Landers	826,945	July 24	4580	954	123	1209
Railway-rail	A. M. Clark	828,459	Aug. 14	1548	327	123	2081
Railway-rail	E. Elmore	828,543	Aug. 14	1716	361	123	2124
Railway-rail	S. W. Carter	833,919	Oct. 23	3910	829	124	2299
Railway-rail	W. Goldie	835,020	Nov. 6	288	63	125	75
Railway-rail	W. Goldie	835,062	Nov. 6	385	78	125	102
Railway-rail	W. Goldie	835,063	Nov. 6	386	78	125	102
Railway-rail	J. C. Allendorph	838,295	Dec. 11	2056	443	125	1907
Railway rail and joint	C. E. Powell	836,462	Nov. 20	3109	659	125	865
Railway rail and tie	D. E. Lindsay	820,722	May 15	3420	732	122	881
Railway rail-bond. Steam and electric	F. C. Hoffman	812,040	Feb. 6	1022	223	120	1696
Railway rail-bond. Steam and electric	F. C. Hoffman. (Reissue) ..	12,504	July 17	3750	778	123	983
Railway-rail clamp	H. W. Case	833,578	Oct. 16	3174	674	124	2073
Railway rail-holder and tie. Automatically-tightening	W. H. Brown	817,544	Apr. 10	1985	419	121	1850
Railway-rail joint	E. B. Verneuil	808,705	Jan. 2	158	37	120	36
Railway-rail joint	E. T. Forrester	812,417	Feb. 13	1822	399	120	1936
Railway-rail joint	H. F. Barber	812,717	Feb. 13	2395	526	120	2051
Railway-rail joint	G. H. Grove	815,159	Mar. 13	2327	486	121	564
Railway-rail joint	H. Cramer	816,533	Mar. 27	5190	1101	121	1286
Railway-rail joint	G. A. Weber	817,820	Apr. 17	2523	540	121	2023
Railway-rail joint	E. P. Sandefur	818,298	Apr. 17	3493	750	121	2233
Railway-rail joint	J. Gabriel	819,537	May 1	991	217	122	223
Railway-rail joint	R. D. Creal	819,732	May 8	1386	298	122	370
Railway-rail joint	F. L. Priest	822,768	June 5	1069	220	122	1963
Railway-rail joint	S. S. Deemer	824,099	June 26	3704	790	122	2699
Railway-rail joint	L. M. Mingle	826,045	July 17	2774	575	123	740
Railway-rail joint	S. F. Stever	830,020	Sept. 4	217	41	124	54
Railway-rail joint	W. C. Deuberry	831,542	Sept. 25	3294	693	124	918
Railway-rail joint	W. P. and S. G. Thomson ..	831,579	Sept. 25	3374	709	124	941
Railway-rail joint	F. Bombardier	832,715	Oct. 9	1408	284	124	1591
Railway-rail joint	W. O. Schroyer	836,609	Nov. 20	3372	719	125	929
Railway-rail joint	E. Lewereng	838,429	Dec. 11	2307	499	125	1970
Railway-rail joint. Continuous	F. H. Whomes	838,151	Dec. 11	1769	380	125	1838
Railway-rail-joint support	L. Winans	821,566	May 22	5168	1103	122	1325
Railway-rail splice	A. M. Clark	825,959	July 17	2608	542	123	697
Railway-rail stay	T. D. Henderson	808,921	Jan. 2	592	130	120	130
Railway-rail stay	J. Donovan	811,550	Feb. 6	25	7	120	1490
Railway-rail stay	H. H. Sponenburgh	816,265	Mar. 27	4623	981	121	1164
Railway-rail stay	H. H. Sponenburgh	816,946	Apr. 3	806	165	121	1537
Railway-rail stay	H. H. Sponenburgh	816,947	Apr. 3	808	166	121	1538
Railway-rail stay	H. H. Sponenburgh. (Reissue) ..	12,485	May 22	5246	1118	122	1343
Railway rail. Street-.....	J. McLellan	826,265	July 17	3195	662	123	841
Railway-rail tie	L. W. Mowery and J. A. Humphrey ..	829,282	Aug. 21	3223	678	123	2538
Railway-rail tie-plate and brace	J. W. Levell	839,775	Dec. 25	4972	1061	125	2712
Railway-rail tie-plate or seat	S. J. Grubb	818,370	Apr. 17	3625	778	121	2260
Railway-rails and the like. Means for electrically connecting	J. M. Atkinson	813,996	Feb. 27	4933	1091	120	2703
Railway rails and ties. Appliance and fixture for	F. W. Fick and P. S. Van Wie ..	813,875	Feb. 27	4704	1041	120	2656
Railway-rails. Means for muting vibrations in	J. Anderson	811,535	Feb. 6	4	1	120	1485
Railway-rails. Means for supporting and holding	H. Livesey	824,555	June 26	4620	981-2	122	2804
Railway road-beds. Apparatus for raising the superstructure of and ballasting	G. H. Cravens	816,076	Mar. 27	4258	903	121	1086
Railway rolling-stock	E. M. Canto	832,037	Oct. 2	22	5-7	124	1218
Railway rolling-stock. Frame for	T. E. Adams	830,401	Sept. 4	1016	212-13	124	250
Railway safeguard. Automatic-.....	B. F. Carpenter	815,320	Mar. 13	2654	555-6	121	637
Railway safety apparatus	G. T. and L. Woods	833,193	Oct. 16	2371	497	124	1875
Railway safety apparatus	G. T. and L. Woods	837,022	Nov. 27	4260	907	125	1183
Railway safety appliance	C. J. Kintner	839,969	Sept. 4	76	14-16	124	19
Railway safety device	S. A. Gaede	817,702	Apr. 10	2253	484-5	121	1906
Railway safety device	C. Klinik	832,202	Oct. 2	371	69	124	1302
Railway safety-gate. Automatic	H. E. Bartlett	814,012	Mar. 6	12	3	121	5
Railway safety system	G. Laurence	812,572	Feb. 13	2132	467	120	2001
Railway selective signal system	F. R. McBerty	830,247	Sept. 4	697	139-42	124	176
Railway semaphore	G. S. Willoughby	838 153	Dec. 11	1771	381	125	1839
Railway semaphore-signal	H. M. Abernethy	829,311	Aug. 21	3277	691	123	2550
Railway-signal	M. W. Beans	810,387	Jan. 23	3635	749	120	910
Railway-signal	N. Erschens	812,555	Feb. 13	2101	461	120	1994
Railway-signal	W. Loos	812,941	Feb. 20	2842	627	120	2196
Railway-signal	S. Romain	815,039	Mar. 13	2083	438-9	121	511
Railway-signal	J. E. Adair	817,683	Apr. 10	2230	478	121	1902
Railway-signal	A. Brosious	818,660	Apr. 24	4234	910	121	2447
Railway-signal	R. A. Baldwin	819,397	May 1	735	156	122	167
Railway-signal	J. P. Norwood	821,252	May 22	4536	965-6	122	1188
Railway-signal	J. B. Lineback	821,515	May 22	5078	1082	122	1307
Railway-signal	W. A. D. Short	821,835	May 29	5728	1220	122	1568
Railway-signal	W. C. Burton	821,923	May 29	5887	1251	122	1543
Railway-signal	J. S. Jeffrey	822,951	June 12	1429	298	122	2085
Railway-signal	J. Knight	829,342	Aug. 21	3346	704-5	123	2568
Railway-signal	R. J. Sheehy	829,606	Aug. 23	3926	832	123	2758
Railway-signal	S. D. McMahon	835,032	Nov. 6	313	67	125	81
Railway-signal	J. C. Naginey	837,244	Nov. 27	4697	996	125	1292
Railway-signal	R. E. Dial	837,613	Dec. 4	675	155	125	1523
Railway-signal	E. C. Lombard	837,857	Dec. 4	1143	254	125	1639

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Railway-signal.	B. and D. Samuels.	838,752	Dec. 18	2920	629	125	2164
Railway-signal.	G. P. Finnigan.	838,780	Dec. 18	2984	642-3	125	2179
Railway-signal.	A. L. Carpenter.	839,549	Dec. 25	4510	961	125	2592
Railway signal and gate. Electrically-operated.	J. G. O. and I. D. Combs.	836,243	Nov. 20	2678	568-9	125	768
Railway signal and safety appliance.	C. J. Kintner.	829,968	Sept. 4	68	13-14	124	16
Railway signal apparatus.	W. H. and S. A. Wilson.	817,459	Apr. 10	1820	382-3	121	1817
Railway signal apparatus.	E. L. Nolting.	822,625	June 5	796	162	122	1903
Railway signal apparatus.	E. L. Nolting.	822,626	June 5	799	162	122	1903
Railway signal apparatus.	J. W. Latta.	823,179	June 12	1920	395	122	2196
Railway-signal. Automatic.	J. Neumaier.	817,131	Apr. 3	1141	236-7	121	1613
Railway-signal. Automatic.	J. S. Anderson.	817,293	Apr. 10	1484	312	121	1744
Railway-signal. Automatic.	J. P. Egan.	833,206	Oct. 16	2406	504	124	1885
Railway-signal-controlling circuit.	H. B. Taylor.	818,203	Apr. 17	3304	707	121	2194
Railway signal device.	J. M. Eaton.	822,195	May 29	6408	1360	122	1662
Railway-signal. Electric.	H. W. Parkes and S. L. Vincent.	810,560	Jan. 23	4004	825	120	996
Railway-signal. Electrical.	A. W. Nelson.	813,662	Feb. 27	4283	942	120	2566
Railway-signal-operating mechanism.	W. V. Moak.	816,676	Apr. 3	267	62	121	1419
Railway-signal-operating mechanism.	L. H. Thullen.	821,899	May 29	5841	1241-2	122	1533
Railway signal system.	R. A. Baldwin and G. D. Foote.	817,463	Apr. 10	1831	384	121	1819
Railway signal system.	A. L. Ruthven.	818,855	Apr. 24	4624	993	121	2531
Railway signal system.	H. W. Griffin.	820,412	May 15	2818	614	122	749
Railway signal system.	W. E. Schieble.	827,122	July 31	4961	1035-6	123	1315
Railway signal system.	R. O. Turner.	829,241	Aug. 21	3131	659	123	2515
Railway signal system.	M. G. Voigtlander.	833,765	Oct. 23	3532	753-4	124	2204
Railway signaling.	S. D. Stroh.	809,999	Jan. 16	2778	571-3	120	695
Railway signaling.	S. D. Stroh.	811,105	Jan. 30	5050	1056-7	120	1257
Railway signaling.	J. B. Struble.	819,323	May 1	582	124	122	134
Railway signaling.	L. H. Thullen.	823,648	June 19	2874	607	122	2462
Railway signaling.	T. E. R. Phillips.	827,940	Aug. 7	484	99-101	123	1792
Railway signaling.	P. J. Portman.	831,376	Sept. 18	2967	630	124	800
Railway signaling.	C. M. Jacobs, R. J. Insell, E. F. Newton, and E. A. B. Bowden.	833,603	Oct. 16	3232	687	124	2086
Railway signaling.	C. M. Jacobs and R. J. Insell.	835,951	Nov. 13	2083	445	125	563
Railway signaling and safety system and apparatus.	G. M. Schreiber.	820,143	May 8	2287	497-500	122	572
Railway signaling apparatus.	J. Wheatley.	810,011	Jan. 16	2811	580-2	120	702
Railway signaling apparatus.	W. Skelton and H. D. Chudleigh.	821,754	May 29	5570	1185-6	122	1472
Railway signaling apparatus.	O. A. Kindlund.	828,855	Aug. 14	2317	493	123	2277
Railway signaling apparatus.	J. D. Taylor.	832,174	Oct. 2	316	59	124	1290
Railway signaling apparatus.	W. K. Howe.	832,193	Oct. 2	354	65	124	1298
Railway signaling apparatus.	W. K. Howe.	832,194	Oct. 2	356	65	124	1298
Railway signaling apparatus.	W. K. Howe.	832,195	Oct. 2	358	66	124	1299
Railway signaling apparatus.	A. J. Hitch.	838,542	Dec. 18	2530	547-8	125	2069
Railway signaling apparatus. Acoustic.	E. Coen-Cagli.	813,619	Feb. 27	4201	922-4	120	2548
Railway signaling apparatus. Electric.	J. W. Tatum.	815,131	Mar. 13	2270	475	121	550
Railway signaling device.	S. C. Harvey.	814,376	Mar. 6	761	153-4	121	169
Railway signaling device.	C. H. Smith.	818,795	Apr. 24	4516	965	121	2509
Railway signaling device.	M. McGowan.	832,945	Oct. 9	1962	410	124	1724
Railway signaling device. Electric.	H. A. Hoeschen.	821,801	May 29	5662	1207	122	1494
Railway signaling. Electric circuit and apparatus for.	H. W. Spang.	828,980	Aug. 21	2573	544-5	123	2372
Railway signaling-lantern.	T. L. Moore.	823,615	June 19	2800	593	122	2444
Railway signaling system.	H. W. Griffin.	820,411	May 15	2810	612-13	122	748
Railway signaling system.	H. W. Griffin.	820,413	May 15	2822	614-15	122	750
Railway signaling system.	L. H. Thullen.	821,767	May 29	5595	1192	122	1478
Railway signaling system.	A. Ames, Jr., and J. S. Hobson.	821,916	May 29	5870	1248-9	122	1540
Railway signaling system.	J. B. Struble.	822,028	May 29	6080	1295	122	1587
Railway signaling system.	J. B. Struble.	822,314	June 5	182	36	122	1768
Railway signaling system.	L. H. Thullen.	825,988	July 17	2657	552	123	711
Railway signaling system.	C. P. Breese.	827,054	July 24	4794	1000	123	1260
Railway signaling system.	B. F. Saurman.	832,084	Oct. 2	108	24-5	124	1238
Railway signaling system.	H. L. Johnson.	832,548	Oct. 2	1052	211	124	1467
Railway signaling system.	L. H. Thullen.	837,154	Nov. 27	4534	961-2	125	1250
Railway signaling system.	J. G. Horazdowsky.	837,227	Nov. 27	4657	989	125	1282
Railway signaling system.	G. K. Andrews.	838,492	Dec. 11	2421	526	125	1998
Railway signaling system.	L. H. Thullen.	839,525	Dec. 25	4465	952-3	125	2587
Railway signaling system.	C. E. Scribner.	828,518	Aug. 14	1672	352-3	123	2113
Railway signaling system. Electric.	L. H. Thullen.	836,153	Nov. 20	2481	521	125	713
Railway signaling system. Electrical.	M. H. Loudon.	809,515	Jan. 9	1836	379	120	437
Railway signaling system. Electrical.	C. Mitchell and H. Millingar.	812,433	Feb. 13	1849	406-7	120	1943
Railway. Single-track.	F. P. Derr.	821,863	May 29	5768	1228	122	1516
Railway sleeper or stringer.	W. J. Wilson.	824,324	June 26	4133	884	122	2791
Railway-spike.	R. Anderson.	810,458	Jan. 23	3803	781	120	950
Railway-spike.	D. L. Vaughan.	815,766	Mar. 20	3614	759	121	894
Railway-spike.	C. M. Kerr.	816,802	Apr. 3	487	108	121	1464
Railway spike and tie-plate.	T. G. Peterman.	816,370	Mar. 27	4862	1031	121	1214
Railway stand-pipe.	E. V. Anderson.	811,812	Feb. 6	521	116-17	120	1596
Railway station indicator.	J. D. McEachern.	826,264	July 17	3192	661	123	840
Railway stock-guard.	L. Liesmann.	813,220	Feb. 20	3400	749	120	2314
Railway structure.	E. S. Thomas.	818,800	Apr. 24	4525	967	121	2511
Railway structure.	J. A. Shirley.	833,755	Oct. 23	3512	749	124	2199
Railway. Surface-contact electric.	G. H. McFeaters.	808,773	Jan. 2	303	65	120	69
Railway. Suspended.	G. W. Brower.	818,608	Apr. 24	4124	886-8	121	2422
Railway. Suspended.	L. C. Harrison.	821,799	May 29	5657	1206	122	1492
Railway-switch.	C. B. Brinker.	810,906	Jan. 30	4673	975	120	1174
Railway-switch.	C. A. Mann.	811,160	Jan. 30	5190	1084	120	1286
Railway-switch.	W. P. O'Brien.	811,319	Jan. 30	5498	1146	120	1353
Railway-switch.	L. R. Parsons.	811,738	Feb. 6	379	83	120	1569
Railway-switch.	F. A. Howarth and J. J. McKinnlay.	812,205	Feb. 13	1400	304	120	1844
Railway-switch.	F. Vogel.	813,754	Feb. 27	4447	982-3	120	2600
Railway-switch.	J. M. Smith.	814,172	Mar. 6	333	68	121	73
Railway-switch.	V. Angerer.	814,504	Mar. 6	1009	208	121	220
Railway-switch.	V. Angerer.	814,505	Mar. 6	1010	208	121	220
Railway-switch.	P. Cleveland.	814,673	Mar. 13	1358	284	121	355
Railway-switch.	G. M. Thompson.	815,314	Mar. 13	2642	553	121	634

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Railway-switch.	H. Raymond.	816,254	Mar. 27	4596	978	121	1158
Railway-switch.	A. A. Shaw.	816,257	Mar. 27	4603	979	121	1160
Railway-switch.	W. W. Hoffman and F. W. Powers.	818,378	Apr. 17	3644	782-3	121	2265
Railway-switch.	C. B. Brinker.	818,865	Apr. 24	4642	997	121	2535
Railway-switch.	C. B. Brinker.	818,866	Apr. 24	4646	998	121	2536
Railway-switch.	G. W. Snow.	820,267	May 8	2531	548	122	626
Railway-switch.	E. H. Luthre.	821,001	May 22	4060	863-4	122	1083
Railway-switch.	H. R. Luthre.	821,424	May 22	4914	1044	122	1272
Railway-switch.	L. T. Wever.	821,772	May 29	5603	1194	122	1479
Railway-switch.	E. Wartman.	823,147	June 12	1848	381	122	2178
Railway-switch.	L. T. Wever.	823,453	June 12	2454	519	122	2309
Railway-switch.	C. F. Comer and H. Lightcap.	823,764	June 19	3078	651	122	2505
Railway-switch.	T. Fullbright.	826,024	July 17	2736	566	123	732
Railway-switch.	H. A. Rosback.	827,395	July 31	5523	1150	123	1457
Railway-switch.	W. W. Allen.	827,405	July 31	5545	1153	123	1463
Railway-switch.	C. E. McDonald.	831,370	Sept. 18	2957	627	124	798
Railway-switch.	W. R. Cochran, Jr.	831,708	Sept. 25	3668	767	124	1022
Railway-switch.	J. Herrington.	831,867	Sept. 25	3975	830	124	1096
Railway-switch.	G. S. Shaw.	832,631	Oct. 9	1238	249	124	1551
Railway-switch.	F. C. Carroll and T. Fleming.	832,840	Oct. 9	1661	342-3	124	1651
Railway-switch.	A. W. and H. H. Tucker.	833,264	Oct. 16	2518	526	124	1913
Railway-switch.	J. Biggs.	835,845	Nov. 13	1894	401	125	520
Railway-switch.	L. R. Parsons.	836,135	Nov. 20	2449	515	125	707
Railway-switch.	P. Scott.	836,146	Nov. 20	2472	519	125	712
Railway-switch.	R. E. Murphy.	836,270	Nov. 20	2727	581	125	775
Railway-switch.	W. W. Miller.	836,393	Nov. 20	2968	630	125	832
Railway-switch.	F. Adamson.	837,908	Dec. 11	1249	274	125	1707
Railway-switch.	G. W. Long.	838,430	Dec. 11	2308	499	125	1970
Railway-switch.	H. C. Fenker.	839,743	Dec. 25	4908	1049	125	2696
Railway-switch adjuster. Automatic.	L. C. Brown.	827,138	July 31	4998	1043	123	1325
Railway switch and crossing frog.	J. E. Conley.	812,640	Feb. 13	2258	490	120	2024
Railway switch and signal apparatus safety device.	L. Griffith.	814,537	Mar. 6	1080	223	121	235
Railway switch and signal apparatus safety device.	L. Griffith.	814,658	Mar. 6	1311	276	121	283
Railway switch and signal mechanism.	C. M. Hurst.	810,867	Jan. 23	4578	953	120	1121
Railway-switch. Automatic.	J. M. Faulk.	808,827	Jan. 2	401	87-8	120	89
Railway-switch. Automatic.	R. K. Floeter.	811,627	Feb. 6	194	41	120	1527
Railway-switch. Automatic.	U. A. Woodbury.	815,887	Mar. 20	3867	819	121	946
Railway-switch. Automatic.	U. A. Woodbury.	815,888	Mar. 20	3869	820	121	946
Railway-switch. Automatic.	J. A. MacDonald.	819,296	May 1	526	111	122	122
Railway-switch. Automatic.	A. M. Frish.	822,358	June 5	260	54-5	122	1782
Railway-switch. Automatic.	R. K. Floeter.	831,660	Sept. 25	3570	749	124	996
Railway-switch. Automatic safety.	J. W. Hubbard.	833,601	Oct. 16	3223	686-7	124	2085
Railway-switch construction.	H. L. Young.	826,462	July 17	3569	743	123	934
Railway-switch. Electrically-controlled.	F. T. Kitt.	825,396	July 10	1427	298	123	389
Railway-switch. Electromagnetic.	R. A. Baldwin.	828,014	Aug. 7	650	133	123	1831
Railway-switch. Frogless.	J. E. Canham.	821,016	May 22	4085	870	122	1089
Railway-switch lock.	R. A. Becker.	829,832	Aug. 28	4398	927	123	2873
Railway-switch mechanism.	F. K. Hoffman.	815,533	Mar. 20	3125	654	121	788
Railway-switch mechanism.	T. Bamford.	827,407	July 31	5551	1154	123	1465
Railway-switch mechanism.	C. L. Kee.	831,229	Sept. 18	2669	561	124	724
Railway-switch mechanism.	F. L. Young.	834,439	Oct. 30	5105	1084	124	2637
Railway-switch mechanism.	T. Jackson.	835,532	Nov. 13	1310	280	125	375
Railway-switch opening and closing device. Street.	E. A. Peterson.	834,403	Oct. 30	5048	1069	124	2622
Railway-switch operating and controlling apparatus.	W. W. Salmon.	832,165	Oct. 2	297	56-7	124	1285
Railway-switch-operating apparatus.	C. J. Coleman.	812,825	Feb. 20	2604	572	120	2142
Railway-switch-operating apparatus.	M. M. McNeley.	823,136	June 12	1830	377-8	122	2174
Railway-switch-operating mechanism.	B. McIntosh.	839,407	Dec. 25	4213	902	125	2525
Railway switch. Overhead.	B. W. Harris.	822,121	May 29	6266	1334	122	1630
Railway switch-rod.	W. S. Weston.	822,413	June 5	353	74	122	1803
Railway-switch. Safety.	W. B. Cleveland and F. J. Byrne.	837,387	Dec. 4	221	55	125	1410
Railway-switch stand.	E. L. Morgan.	809,719	Jan. 9	2243	466	120	526
Railway switch. Street.	E. Brownfield.	814,827	Mar. 13	1671	349	121	424
Railway switch. Street.	H. Blanchard.	826,084	July 17	2862	593	123	762
Railway switch. Street.	C. W. Fautoute.	826,774	July 24	4256	884-5	123	1130
Railway-switch structure. Safety.	H. R. Luther.	823,732	June 19	3016	639	122	2491
Railway switch systems. Automatic electric signaling device for.	D. C. Wolfe.	821,914	May 29	5867	1247-8	122	1539
Railway switches and signals. Apparatus for moving.	F. P. J. Patenall.	830,522	Sept. 11	1265	262-3	124	339
Railway switches and signals. Apparatus for operating and controlling.	J. D. Taylor.	821,386	May 22	4833	1026-7	122	1254
Railway-switches. Safety-catch for.	I. M. Brittain.	829,690	Aug. 28	4106	863	123	2801
Railway-switches. System of operating.	A. K. Warren.	818,495	Apr. 24	3867	832-3	121	2366
Railway-switches. Wear-plate for.	W. H. Elliot and J. J. Townsend.	813,874	Feb. 27	4702	1041	120	2656
Railway switching and signaling apparatus.	J. D. Taylor.	821,385	May 22	4828	1025-6	122	1253
Railway switching and signaling apparatus.	W. W. Salmon.	821,435	May 22	4940	1049-50	122	1277
Railway switching and signaling apparatus.	W. K. Howe.	821,495	May 22	5044	1074	122	1299
Railway switching and signaling apparatus.	W. Macomber.	832,137	Oct. 2	235	47	124	1270
Railway switching and signaling apparatus.	W. W. Salmon and F. L. Dodgson.	832,166	Oct. 2	302	57	124	1286
Railway switching and signaling apparatus.	W. K. Howe.	832,192	Oct. 2	351	65	124	1297
Railway switching apparatus.	W. Macomber.	832,138	Oct. 2	240	47	124	1271
Railway switching apparatus.	W. Macomber.	832,139	Oct. 2	243	47	124	1271
Railway switching apparatus.	W. Macomber.	832,140	Oct. 2	246	47-8	124	1272
Railway switching apparatus.	J. D. Taylor.	832,175	Oct. 2	318	59	124	1290
Railway switching mechanism. Electric.	H. L. Young.	817,290	Apr. 10	1477	310-11	121	1743
Railway system.	H. C. Ford.	809,794	Jan. 9	2377	491	120	555
Railway system.	H. C. Ford.	815,086	Mar. 13	2166	457	121	527
Railway system. Electric.	W. N. Haring.	812,790	Feb. 13	2535	557-8	120	2081
Railway system. Electric.	J. L. Moore.	823,067	June 12	1674	346-7	122	2141
Railway system. Electric.	W. M. Brown.	830,131	Sept. 4	464	93-4	124	117
Railway systems. Contact-box for electric.	G. L. Campbell.	812,164	Feb. 6	1292	283	120	1752
Railway-tenders or other cars. Draft-rigging for.	J. R. Mitchell.	832,870	Oct. 9	1729	337	124	1669
Railway-tie.	F. Seyhers.	809,401	Jan. 9	1619	328	120	389
Railway-tie.	T. R. Hasley.	809,682	Jan. 9	2176	450	120	510

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Railway-tie.	J. P. Lancaster.	809,961	Jan. 16	2712	558	120	680
Railway-tie.	E. T. Forrester.	810,200	Jan. 16	3211	665	120	784
Railway-tie.	R. B. Campbell.	810,393	Jan. 23	3666	754	120	918
Railway-tie.	J. Barry.	810,698	Jan. 23	4259	883	120	1052
Railway-tie.	E. Murray.	810,876	Jan. 23	4593	956	120	1124
Railway-tie.	J. E. Walling.	811,262	Jan. 30	5390	1124-5	120	1330
Railway-tie.	Z. T. Booth and J. F. Bittle.	812,807	Feb. 20	2568	565	120	2134
Railway-tie.	S. N. Griffith.	812,991	Feb. 20	2937	647	120	2215
Railway-tie.	J. B. Johnson.	813,006	Feb. 20	2967	654	120	2222
Railway-tie.	C. E. Shannon.	813,243	Feb. 20	3435	757	120	2322
Railway-tie.	W. A. Collins.	814,022	Mar. 6	44	8	121	12
Railway-tie.	W. A. Rollins.	814,327	Mar. 6	665	134	121	145
Railway-tie.	P. Holmes.	814,701	Mar. 13	1425	296	121	371
Railway-tie.	A. J. McCallum.	814,796	Mar. 13	1616	339	121	412
Railway-tie.	W. I. F. Harden.	816,463	Mar. 27	5044	1071	121	1252
Railway-tie.	H. H. Clough.	816,644	Apr. 3	208	48	121	1406
Railway-tie.	H. W. Taylor and D. M. Russell.	816,950	Apr. 3	815	167	121	1539
Railway-tie.	J. F. Bailey.	817,098	Apr. 3	1076	223	121	1596
Railway-tie.	J. Kenny.	817,119	Apr. 3	1124	233	121	1610
Railway-tie.	J. Freund.	817,169	Apr. 10	1229	253	121	1692
Railway-tie.	M. J. Weaver.	818,318	Apr. 17	3529	757	121	2241
Railway-tie.	I. N. Boomer and S. P. Linkswiler.	818,606	Apr. 24	4121	885	121	2421
Railway-tie.	G. A. Belknap.	819,840	May 8	1612	342-3	122	424
Railway-tie.	E. S. De Voe.	820,558	May 15	3125	672	122	817
Railway-tie.	N. J. Campbell.	820,914	May 15	3856	821	122	976
Railway-tie.	M. C. Broderick and B. F. Siber.	821,014	May 22	4083	869	122	1088
Railway-tie.	J. S. Brubaker.	821,853	May 29	5755	1225	122	1513
Railway-tie.	C. A. Miner.	822,217	May 29	6447	1369	122	1671
Railway-tie.	R. C. Doerr.	823,208	June 12	1987	414	122	2210
Railway-tie.	J. E. Smith.	825,357	July 10	1736	282	123	366
Railway-tie.	C. S. Smallwood.	825,492	July 10	1640	341	123	444
Railway-tie.	J. C. Zimmerman, J. C. Stoops, and R. M. Lane.	825,876	July 10	2451	511	123	643
Railway-tie.	J. Murphy.	826,262	July 17	3189	661	123	839
Railway-tie.	J. S. Frazer.	826,718	July 24	4153	863	123	1102
Railway-tie.	H. G. Staab.	826,905	July 24	4520	941	123	1194
Railway-tie.	E. W. Wimberly.	827,769	Aug. 7	166	34	123	1711
Railway-tie.	A. B. Mason.	827,808	Aug. 7	242	49	123	1731
Railway-tie.	J. W. Pepple.	827,881	Aug. 7	372	79	123	1762
Railway-tie.	C. J. Kopf.	828,219	Aug. 7	1040	218	123	1924
Railway-tie.	M. Bartley.	828,367	Aug. 14	1368	288	123	2034
Railway-tie.	W. H. Appenzeller and D. A. House.	828,448	Aug. 14	1519	320	123	2072
Railway-tie.	C. S. Howell.	828,479	Aug. 14	1592	336	123	2093
Railway-tie.	W. W. Green.	829,203	Aug. 21	3069	645	123	2501
Railway-tie.	J. Howell.	829,870	Aug. 28	4474	945	123	2891
Railway-tie.	N. Benjamin.	830,287	Sept. 4	789	161	124	198
Railway-tie.	H. E. Keyes.	830,330	Sept. 4	861	177-8	124	214
Railway-tie.	J. H. Clark.	831,535	Sept. 25	3282	691	124	915
Railway-tie.	A. Heine.	831,787	Sept. 25	3800	796	124	1056
Railway-tie.	C. P. Walter.	832,644	Oct. 9	1263	254	124	1558
Railway-tie.	W. I. F. Harden.	833,048	Oct. 9	2062	434	124	1749
Railway-tie.	A. S. Glasford.	833,739	Oct. 23	3485	743	124	2192
Railway-tie.	W. O. Smith.	833,851	Oct. 23	3744	796	124	2257
Railway-tie.	E. H. Bell.	833,913	Oct. 23	3897	826-7	124	2296
Railway-tie.	D. J. Raddick, Jr.	834,536	Oct. 30	5280	1122	124	2684
Railway-tie.	H. W. Case.	835,009	Nov. 6	264	58	125	69
Railway-tie.	J. A. Westhoff.	835,339	Nov. 6	933	197-8	125	236
Railway-tie.	V. D. Sumner.	835,716	Nov. 13	1647	350	125	458
Railway-tie.	J. S. Killen.	835,730	Nov. 13	1672	355	125	465
Railway-tie.	E. D. Peugh.	836,401	Nov. 20	2984	633	125	535
Railway-tie.	J. B. Porter.	837,955	Dec. 11	1346	294-5	125	1730
Railway-tie.	J. F. Kaminsky.	838,255	Dec. 11	1989	426	125	1891
Railway-tie.	A. R. Latimer.	838,428	Dec. 11	2306	498	125	1970
Railway-tie.	O. O. Fore.	838,971	Dec. 18	3311	715-16	125	2257
Railway-tie and clamp. Metallic.	H. L. Young.	826,398	July 17	3444	715	123	901
Railway-tie and fastener.	J. P. Lancaster.	816,921	Apr. 3	744	154	121	1523
Railway-tie and means for securing rails thereto. Metallic.	F. G. Metcalf.	809,000	Jan. 2	752	163	120	166
Railway-tie and rail.	G. H. Grove.	828,401	Aug. 14	1425	301	123	2049
Railway-tie and rail-brace. Sheet-steel.	F. McCune.	815,972	Mar. 27	4027	852	121	1033
Railway-tie and rail-fastener. Cement.	R. Fullerton.	827,436	July 31	5642	1169	123	1485
Railway-tie and rail-fastening. Metallic.	C. Buhrer.	819,846	May 8	1623	346	122	426
Railway-tie and rail-fastening. Metallic.	A. Warfield.	834,348	Oct. 30	4926	1043	124	2595
Railway-tie and rail-joint.	J. Edwards.	831,270	Sept. 18	2765	582-4	124	750
Railway-tie and rail-joint fastener therefor.	G. S. Myers.	816,731	Apr. 3	353	81	121	1438
Railway-tie. Composite.	F. J. Baivier.	839,702	Dec. 25	4817	1029	125	2673
Railway-tie. Concrete.	W. H. Prunyn, Jr.	812,524	Feb. 13	2025	444	120	1580
Railway-tie fastening.	W. C. Gregg.	826,242	July 17	3148	654	123	829
Railway-tie. Iron.	O. H. Prindle.	813,584	Feb. 27	4133	906	120	2533
Railway-tie. Metal.	G. W. Smith.	819,941	May 8	1805	390	122	467
Railway-tie. Metal.	J. E. Smith.	825,358	July 10	1338	282	123	366
Railway-tie. Metallic.	S. T. Carroll.	810,321	Jan. 16	3473	718	120	841
Railway-tie. Metallic.	P. T. Large.	811,782	Feb. 6	457	99	120	1585
Railway-tie. Metallic.	A. W. Bascom.	813,611	Feb. 27	4190	919	120	2546
Railway-tie. Metallic.	O. S. Pulliam.	813,668	Feb. 27	4291	945	120	2568
Railway-tie. Metallic.	W. Griesser.	814,840	Mar. 13	1694	354	121	428
Railway-tie. Metallic.	W. Griesser.	814,841	Mar. 13	1696	355	121	429
Railway-tie. Metallic.	W. Griesser.	814,842	Mar. 13	1697	356	121	429
Railway-tie. Metallic.	C. L. Mueller.	814,978	Mar. 13	1933	406	121	477
Railway-tie. Metallic.	R. H. Lutz.	818,182	Apr. 17	3266	699	121	2186
Railway-tie. Metallic.	C. Buhrer.	819,977	May 8	1920	425	122	488
Railway-tie. Metallic.	L. C. Sharp.	820,368	May 8	2719	592	122	668
Railway-tie. Metallic.	H. F. Urie.	820,611	May 15	3211	690	122	836
Railway-tie. Metallic.	A. Morrison.	821,951	May 29	5946	1266	122	1555

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Railway-tie. Metallic.	F. H. Urban.	823,311	June 12	2205	459	122	2257
Railway-tie. Metallic.	H. Kipp and J. J. Ross.	829,655	Aug. 28	4020	852	123	2782
Railway-tie. Metallic.	J. M. Van Why.	829,814	Aug. 28	4361	921	123	2865
Railway-tie. Metallic.	J. R. Barker.	835,174	Nov. 6	600	123	125	152
Railway-tie. Metallic.	F. E. French.	838,097	Dec. 11	1646	355	125	1809
Railway-tie plate.	W. B. Johnson.	815,590	Mar. 20	3219	677	121	809
Railway-tie plate.	G. W. Duke.	822,832	June 5	1193	245	122	1989
Railway-tie plate.	F. A. Delano.	835,602	Nov. 13	1447	310	125	409
Railway-tie plate.	W. F. Gould.	838,618	Dec. 18	2676	574	125	2103
Railway-tie plate and means for securing rails there-to.	H. H. Clough.	816,645	Apr. 3	209	48-9	121	1407
Railway-ties. Device for handling.	T. S. Cafferty and A. J. Hayden.	825,638	July 10	2004	418	123	535
Railway-ties. Making composite.	W. Goldie.	816,909	Apr. 3	719	148	121	1518
Railway-ties. Reinforcement for concrete.	H. E. Percival.	819,919	May 8	1755	378	122	456
Railway-track.	J. P. Angell.	824,970	July 3	594	119	123	158
Railway-track.	W. S. Strouger.	826,201	July 17	3081	638	123	813
Railway-track.	W. Goldie.	835,021	Nov. 6	291	63	125	76
Railway-track.	W. Goldie.	835,414	Nov. 6	1091	236	125	275
Railway-track.	E. Molloy.	836,394	Nov. 20	2971	630	125	833
Railway-track adjuster.	W. Wieberg and M. Hausner.	828,359	Aug. 14	1355	286	123	2030
Railway-track appliance.	C. F. Clawson.	828,929	Aug. 21	2481	526	123	2350
Railway-track appliance.	Z. T. Hoskins.	829,528	Aug. 28	3770	800	123	2719
Railway-track construction.	H. F. Beal.	828,453	Aug. 14	1537	324	123	2079
Railway-track construction.	V. Uedelhofen.	830,026	Sept. 4	229	44	124	57
Railway-track construction.	H. B. Nichols and G. B. Taylor.	839,184	Dec. 25	3776	815-16	125	2420
Railway-track construction. Method of and means for	E. E. Clement.	812,018	Feb. 6	990	217	120	1690
Railway track construction. Street and other.	R. D. Culver.	828,718	Aug. 14	2054	433	123	2210
Railway-track crossings. Automatic bell-signal for.	L. Gaskins.	810,112	Jan. 16	3027	630	120	752
Railway-track drill.	E. Cook.	830,054	Sept. 4	288	58-9	124	70
Railway-track gage.	E. A. Brown and A. Williams.	814,826	Mar. 13	1670	349	121	424
Railway-track gage.	O. Renstrom.	839,034	Dec. 18	3434	742	125	2289
Railway-track gage and brace.	J. H. Crowley.	811,384	Jan. 30	5619	1176	120	1380
Railway-track-grading machine.	E. M. Jones.	811,929	Feb. 6	787	172-3	120	1649
Railway-track jack.	J. Stewart.	810,358	Jan. 16	3551	730	120	859
Railway-track-laying apparatus.	G. F. H. Hicks.	832,058	Oct. 2	57	14	124	1227
Railway-track machine.	S. P. Mickey and C. W. Caldwell.	815,727	Mar. 20	3514	738-9	121	874
Railway-track rail.	G. J. Rouse.	835,325	Nov. 6	902	191	125	228
Railway-track scale.	P. B. Kimpler.	824,937	July 3	524	103-4	123	140
Railway-track structure.	G. Shoemaker.	815,869	Mar. 20	3837	813	121	940
Railway-track structure.	V. Angerer.	825,172	July 3	966	203	123	252
Railway-track structure.	W. M. Brown.	829,945	Sept. 4	13	3	124	5
Railway-track structure.	G. M. Ervin.	834,280	Oct. 30	4807	1016	124	2564
Railway-track-structure pattern.	G. M. Ervin.	834,279	Oct. 30	4805	1015-16	124	2564
Railway-track-supporting device.	J. T. Cochran.	816,004	Mar. 27	4100	866	121	1051
Railway-track tie.	J. F. O'Connor.	838,575	Dec. 18	2590	559	125	2084
Railway-tracks. Composite metal-and-wood tie for.	W. H. Miner and J. F. O'Connor.	838,562	Dec. 18	2565	554	125	2077
Railway-tracks. Composite metal-and-wood tie for.	J. F. O'Connor.	838,572	Dec. 18	2586	559	125	2082
Railway-tracks. Composite metal-and-wood tie for.	J. F. O'Connor.	838,573	Dec. 18	2588	559	125	2083
Railway-tracks. Metallic tie for.	J. F. O'Connor.	838,574	Dec. 18	2589	559	125	2083
Railway traffic-control system.	W. Rowe.	812,597	Feb. 13	2179	476	120	2010
Railway traffic-controlling apparatus.	C. W. Coleman.	810,262	Jan. 16	3341	694	120	811
Railway traffic-controlling apparatus.	C. W. Coleman.	814,021	Mar. 6	33	8	121	9
Railway traffic-controlling apparatus.	C. J. Coleman.	822,908	June 5	538	110	122	1843
Railway traffic-controlling apparatus and system.	H. Bezer.	827,411	July 31	5561	1157	123	1467
Railway traffic-controlling system.	C. J. Coleman.	827,143	July 31	5015	1047-8	123	1329
Railway traffic-controlling system.	C. W. Coleman.	829,142	Aug. 21	2935	616-8	123	2468
Railway-train brake. Compressed-air.	A. A. Osoling.	838,442	Dec. 11	2328	505	125	1976
Railway-train-stopping device.	S. L. Crawford.	810,916	Jan. 30	4711	983	120	1184
Railways. Alarm-signal arrangement for use in connection with.	R. W. Clery.	823,668	June 19	2912	616	122	2470
Railway-trains. Automatic apparatus for preventing collision of.	M. Privat.	833,138	Dec. 11	1746	374	125	1833
Railway-trains. Hose-coupling for.	A. F. Morton.	837,098	Nov. 27	4421	937-8	125	1224
Railway-trains. System for transferring passengers and freight to and from moving.	W. H. Rice.	828,340	Aug. 14	1314	278	123	2020
Railway-tunnels or subways. System of ventilating.	W. P. Groom.	832,856	Oct. 9	1701	350-1	124	1662
Railway turn-table.	A. C. Scarr.	830,455	Sept. 4	1120	235	124	277
Railway-vehicles. Braking-sleigh for.	F. Schön.	837,968	Dec. 11	1374	299	125	1738
Railway water-column.	E. E. Johnson.	818,968	Apr. 24	4826	1038-9	121	2575
Railway water-tank.	W. L. Brown.	815,142	Mar. 13	2296	480	121	556
Railways and tramways. Automatic apparatus for controlling and operating the points of electric	W. H. Turner, R. E. Dixon, and T. B. Stewart.	837,522	Dec. 4	479	109	125	1475
Railways. Anticreper for.	J. G. Sullivan.	808,952	Jan. 2	652	142	120	144
Railways. Automatic block-signal system for electric	G. W. Johnston and A. H. Ackermann.	813,898	Feb. 27	4746	1049	120	2665
Railways. Closed conduit for electric.	A. W. Lohmann, Sr., and J. Pruis.	813,101	Feb. 20	3159	691	120	2265
Railways. Combined system of electric signaling and switch-setting for.	B. O. Wagner.	818,133	Apr. 17	3151	679	121	2161
Railways. Concrete road-bed for.	J. W. Schaub.	819,081	May 1	92	21-2	122	25
Railways. Continuous-rail crossing for street.	O. Gottschalk.	818,954	Apr. 24	4804	1033	121	2571
Railways. Device for reversing and automatically blocking trains on electrodynamic traction.	J. Dulait and L. Rosenfeld.	835,103	Nov. 6	464	94	125	122
Railways. Electric block-signal system for.	G. P. Finnigan.	838,854	Dec. 18	3115	671-2	125	2212
Railways. Electric signaling for trolley.	E. W. Lee.	817,256	Apr. 10	1417	298	121	1731
Railways. Electrical contact for trolley systems of electric	W. T. Oviatt.	834,636	Oct. 30	5493	1166	124	2737
Railways. Electrically-operated line-indicator for.	C. D. McPhee.	830,164	Sept. 4	529	107-8	124	134
Railways. Ice-cutter for surface.	W. H. Perry.	812,873	Feb. 20	2705	596	120	2164
Railways, &c. Means for anchoring and securing flat-bottomed rails in the permanent ways of	A. MacLeod-Carey.	830,607	Sept. 11	1435	298	124	383
Railways. Open-ballasted floor for.	J. B. Strauss.	837,647	Dec. 4	746	170-1	125	1539
Railways. Right-angle adjustable crossing for electric	E. E. Gilmore.	832,185	Oct. 2	339	63	124	1294
Railways. Rope-grip for suspended rope.	A. W. Kützer.	821,174	May 22	4394	935	122	1157

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Railways. Rope-grip for suspended rope.	O. Brix.	829,056	Aug. 21	2739	575	123	2415
Railways. Rotary fender and cleaner for surface.	W. H. Perry	815,308	Mar. 13	2627	550	121	631
Railways. Safety system for operating.	W. H. Dammond	823,513	June 19	2608	549	122	2403
Railways. Sectional third-rail system of electric.	C. J. Kintner	828,747	Aug. 14	2114	447	123	2226
Railways. System of automatic signaling for electric.	F. Townsend.	810,687	Jan. 23	4234	877	120	1046
Railways. Take-up device for overhead-cable.	J. G. Wails.	812,621	Feb. 13	2223	484	120	2017
Railways, tramways, &c. Automatic electromagnetic sanding-gear for	C. W. Crosbie and A. Ward.	828,717	Aug. 14	2053	433	123	2210
Railways, &c. Treating the surface of the permanent way of	H. E. Harwood.	832,973	Oct. 9	1919	400	124	1713
Railways. Whip-guard for	W. H. Lawrence and C. A. Schroyer.	819,354	May 1	654	137	122	149
Rain-alarm.	V. A. Dever.	819,525	May 1	968	212	122	217
Raisins to remove cap-stems. Treating.	F. C. Adams.	812,971	Feb. 20	2905	641	120	2209
Rake:							
See Broom-rake.	Power-lift sweep-rake.						
Brush-rake.	Push-rake.						
Garden-rake.	Quahog-rake.						
Hay-rake.	Self-clearing rake.						
Horse-rake.	Side-delivery rake.						
Lawn-rake.							
Rake.	F. A. Rugg.	812,457	Feb. 13	1889	416	120	1951
Rake.	W. W. Irwin.	814,705	Mar. 13	1430	298-9	121	372
Rake.	G. M. Long.	816,486	Mar. 27	5100	1081	121	1264
Rake.	H. Vesperman.	820,449	May 15	2887	628	122	764
Rake.	J. W. Crawford.	829,370	Aug. 21	3410	718-19	123	2583
Rake.	C. F. Faes.	830,580	Sept. 11	1395	288-9	124	374
Rake attachment.	F. X. Beerle, Jr.	811,760	Feb. 6	716	91	120	1577
Rake attachment. Lawn.	E. W. Kruse and L. Boyd.	834,914	Nov. 6	76	15	125	22
Rake-clearer.	U. B. Hebert and H. J. Brown.	838,990	Dec. 18	3338	723	125	2263
Ram. Hydraulic.	H. V. Blake.	816,145	Mar. 27	4393	928-9	121	1115
Rams. Air-feed for hydraulic.	A. H. Francfort.	835,855	Nov. 13	1913	404	125	524
Range.	T. T. Rockett.	825,351	July 10	1323	279	123	362
Range.	G. F. Nolte.	837,950	Dec. 11	1323	290	125	1725
Range air-heating attachment.	E. R. Cahoon.	827,210	July 31	5173	1073-4	123	1373
Range, &c., and heating apparatus. Combined.	W. H. Conover.	813,950	Feb. 27	4845	1069-70	120	2685
Range-base.	J. J. Geis.	836,680	Nov. 27	3548	757	125	1007
Range construction.	M. F. Allen.	809,766	Jan. 9	2328	481-2	120	544
Range. Cooking.	A. R. Hubbard and R. Flay.	812,746	Feb. 13	2451	538	120	2064
Range. Cooking.	M. V. Hammack.	821,487	May 22	5032	1071-2	122	1297
Range-finder.	C. and H. C. Beck.	819,031	Apr. 24	4957	1064	121	2604
Range-finder.	H. C. Percy.	819,591	May 1	1087	239	122	244
Range-finder.	B. A. Fiske.	822,201	May 29	6416	1362	122	1663
Range. Gas.	H. W. Lawrence.	827,871	Aug. 7	353	76	123	1758
Range. Gas.	V. W. Blanchard.	834,230	Oct. 23	4676	991	124	2485
Range or stove. Gas.	J. Roy.	832,878	Oct. 9	1743	360	124	1672
Range-rod.	N. Lafon.	839,005	Dec. 18	3377	729	125	2273
Ranges. Burner for gas.	C. Ennis.	822,932	June 12	1395	292	122	2079
Raspberries. Treating.	M. B. Sherman.	832,817	Oct. 9	1610	331	124	1639
Rat, bird, and rabbit trap.	E. P. Lower.	829,023	Aug. 21	2668	561	123	2394
Rat-trap.	F. Klousnitzer.	821,366	May 22	4789	1018	122	1245
Rat-trap.	A. E. Salisbury.	830,009	Sept. 4	194	34	124	48
Ratchet-brace.	G. M. D. Heard.	810,409	Jan. 23	3697	761	120	925
Ratchet. Double-acting.	E. Henrikson.	828,884	Aug. 21	2388	509	123	2325
Ratchet-drill.	J. H. Karlson.	838,118	Dec. 11	1686	363	125	1818
Ratchet feeding mechanism.	H. John.	827,532	July 31	5896	1221-2	123	1547
Ratchet implement.	C. H. Billings.	838,000	Dec. 11	1429	310	125	1752
Ratchet mechanism.	M. Reich.	808,946	Jan. 2	641	140	120	141
Ratchet mechanism.	I. M. Hackney.	827,235	July 31	5216	1083	123	1383
Ratchet mechanism.	W. N. Parkes.	835,197	Nov. 6	645	133	125	164
Ratchet mechanism for tools.	H. P. Richards.	813,586	Feb. 27	4137	906	120	2534
Ratchet mechanism for tools.	J. P. Bartholomew.	822,714	June 5	979	199	122	1944
Ratchet-movement.	W. A. Peck.	814,319	Mar. 6	644	131	121	141
Ratchet-tool.	Z. T. Furbish.	814,528	Mar. 6	1062	219	121	230
Ratchet-wrench.	F. A. Hanes and W. Staples.	818,761	Apr. 21	4445	952	121	2493
Ratchet-wrench.	J. E. Bowser and J. H. Francis.	827,846	Aug. 7	306	64	123	1746
Ratchet-wrench.	J. Bennett.	831,408	Sept. 18	3018	641	124	813
Ratchet-wrench.	G. H. Young.	834,219	Oct. 23	4655	987	124	2481
Ratchet-wrench.	O. L. Elliott.	837,291	Dec. 4	38	12	125	1363
Ratchet-wrench.	G. S. Stevenson.	837,430	Dec. 4	310	74	125	1433
Ratchet-wrench.	P. C. Beyer.	837,537	Dec. 4	508	117	125	1482
Ratchet-wrench.	F. A. Hanes and W. Staples.	838,109	Dec. 11	1668	359	125	1814
Ratchet wrench and drill. Combined.	J. R. Neilson.	822,687	June 5	927	188	122	1934
Razor.	J. W. Offutt.	813,232	Feb. 20	3419	753	120	2318
Razor.	G. W. Korn.	815,355	Mar. 20	2761	575	121	708
Razor.	W. W. Jamison.	828,406	Aug. 14	1433	303	123	2051
Razor.	R. B. Tuller.	837,359	Dec. 4	166	39	125	1397
Razor-blade holder.	J. H. Hunt.	809,690	Jan. 9	2192	454	120	514
Razor-blade holder.	J. H. Hunt.	817,566	Apr. 10	2030	428	121	1859
Razor-blade holder.	H. S. Phillips.	834,022	Oct. 23	4243	900	124	2376
Razor-blade holder.	J. G. Barnett.	836,079	Nov. 20	2309	489	125	674
Razor-guard.	E. A. Schreiber and J. G. Klier.	809,224	Jan. 2	1198	245	120	265
Razor-holder.	M. R. Stapp.	837,748	Dec. 4	942	213	125	1588
Razor holder and handle. Safety.	C. L. Holland.	808,659	Jan. 2	78	17	120	19
Razor. Safety.	S. G. Brosius.	809,604	Jan. 9	2023	419	120	476
Razor. Safety.	S. G. Brosius.	810,709	Jan. 23	4275	886	120	1056
Razor. Safety.	F. A. Benet.	811,999	Feb. 6	856	209	120	1684
Razor. Safety.	R. S. Wiesenfeld.	816,141	Mar. 27	4387	927	121	1113
Razor. Safety.	J. Turner.	816,195	Mar. 27	4491	953	121	1135
Razor. Safety.	F. A. Claiberg.	816,299	Mar. 27	4686	945	121	1177
Razor. Safety.	J. J. Fetzer.	819,640	May 1	1190	259	122	267
Razor. Safety.	W. J. Moore.	819,780	May 8	1480	316	122	391
Razor. Safety.	L. B. Gaylor.	819,987	May 8	1947	430	122	494
Razor. Safety.	M. A. Mihills.	823,134	June 12	1827	377	122	2173
Razor. Safety.	D. E. Goe.	824,691	June 26	4887	1040	122	2951

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Razor. Safety.....	E. Scharif.....	830,105	Sept. 4	390	80	124	96
Razor. Safety.....	L. T. Snow.....	830,746	Sept. 11	1755	361	124	473
Razor. Safety.....	C. F. Bingley.....	831,259	Sept. 18	2744	578	124	744
Razor. Safety.....	F. H. Arnold.....	833,767	Oct. 23	3541	754	124	2206
Razor. Safety.....	F. H. Arnold.....	834,353	Oct. 30	4934	1045	124	2596
Razor. Safety.....	J. J. Meehan.....	835,077	Nov. 6	417	84	125	110
Razor. Safety.....	H. B. Stillman.....	836,410	Nov. 20	3002	637	125	840
Razor. Safety.....	H. Clauss.....	838,009	Dec. 11	1446	313	125	1757
Razor. Safety.....	F. H. Arnold.....	838,762	Dec. 18	2942	634	125	2169
Razor. Safety.....	F. H. Arnold.....	839,447	Dec. 25	4294	919	125	2546
Razor-strop.....	O. and F. Kampie.....	809,114	Jan. 2	985	203	120	218
Razor-strop.....	G. W. Collins.....	809,777	Jan. 9	2351	485	120	549
Razor-strop.....	F. Kampie.....	812,568	Feb. 13	2124	466	120	1999
Razor-strop.....	J. Bailey.....	815,252	Mar. 13	2515	524	121	607
Razor-strop.....	E. F. Zarbock.....	816,635	Apr. 3	190	44	121	1403
Razor-strop.....	F. L. Brunswick.....	833,728	Oct. 23	3462	739-40	124	2186
Razor-stropping apparatus.....	J. Rheinberg.....	827,264	July 31	5273	1094	123	1396
Razor-stropping device.....	J. Velasco.....	825,947	July 17	2585	537	123	690
Razor-stropping machine.....	J. Dugmore.....	817,230	Apr. 10	1355	284-5	121	1720
Razor-stropping machine.....	E. G. Kaufman.....	825,131	July 3	878	185	123	232
Razor-stropping machine.....	E. G. Kaufman.....	836,645	Nov. 20	3442	735	125	945
Reading and invalid table. Combined.....	W. B. Young.....	822,809	June 5	1146	235	122	1979
Ready-reference device.....	H. W. Pope.....	813,447	Feb. 27	3860	846	120	2472
Reamer.....	F. B. McCrosky.....	826,109	July 17	2913	604	123	774
Reamer.....	C. W. H. Potter.....	833,240	Oct. 16	2473	518	124	1901
Reamer.....	W. Turney.....	839,051	Dec. 18	3469	749	125	2298
Reamer and die-stock. Combined.....	J. J. Delehant.....	816,304	Mar. 27	4696	997	121	1180
Reaper and mower cutter knife-clip.....	C. H. Pope.....	828,502	Aug. 14	1632	345	123	2103
Reaper or mower blade head.....	M. Smith and J. P. Partenheimer.....	816,614	Apr. 3	151	31	121	1395
Rebounding mechanism.....	J. H. Wesson and H. W. Bull.....	835,380	Nov. 6	1014	216	125	257
Receptacle.....	R. Y. Bradshaw.....	814,265	Mar. 6	517	107	121	111
Receptacle.....	M. Andresen, O. Magerstedt, and G. Ollendorff.....	814,503	Mar. 6	1008	207	121	220
Receptacle.....	J. H. Greenstreet.....	828,400	Aug. 14	1424	300	123	2049
Receptacle.....	C. H. Hill.....	835,427	Nov. 6	1119	241	125	281
Receptacle.....	W. H. Smith.....	835,645	Nov. 13	1531	227	125	430
Receptacle and closure for same.....	E. Wiedemann.....	839,353	Dec. 25	4110	883	125	2501
Receptacle-cap.....	R. A. Hall.....	826,244	July 17	3151	655	123	829
Receptacle cap or cover.....	W. H. Dodge.....	829,638	Aug. 28	3994	846	123	2775
Receptacle-clamp.....	J. A. Reams.....	831,743	Sept. 25	3718	778	124	1035
Receptacle-closing machine.....	C. H. Burekett.....	828,381	Aug. 14	1387	293	123	2039
Receptacle-closure.....	E. G. Dann.....	820,480	May 15	2952	639	122	779
Receptacle-closure.....	J. W. Foot and M. F. Pauli.....	828,730	Aug. 14	2083	493	123	2218
Receptacle-closure.....	W. W. Christensen.....	836,090	Nov. 20	2335	493	125	679
Receptacle-closure. Hermetic.....	W. A. Lorenz.....	819,234	May 1	402	85	122	95
Receptacle-closure. Hermetic.....	W. A. Lorenz.....	819,235	May 1	405	85	122	95
Receptacle-closure. Hermetic.....	W. A. Lorenz.....	819,236	May 1	406	86	122	96
Receptacle-closure. Hermetic.....	W. H. Honiss.....	826,105	July 17	2903	603	123	772
Receptacle-fastener.....	E. C. White.....	832,284	Oct. 2	539	102	124	1343
Receptacle-fastener.....	E. F. Hulbert.....	834,810	Oct. 30	5847	1240	124	2825
Receptacle-filling device.....	C. A. M. Nystrom, J. H. and F. W. Beckman.....	832,499	Oct. 2	963	192	124	1444
Receptacle-holder.....	H. P. Townsend.....	813,537	Feb. 27	4039	885	120	2514
Receptacle or holder. Pocket.....	F. Seiler.....	813,991	Feb. 27	4925	1090	120	2701
Receptacles. Applying caps to.....	R. A. Hall.....	826,245	July 17	3153	655	123	829
Receptacles. Contents-indicator for.....	B. D. Emanuel.....	829,704	Aug. 28	4134	874	123	2807
Receptacles. Means for emptying.....	G. M. Kneuper.....	821,875	May 29	5792	1234	122	1521
Reciprocating tool or engine.....	C. A. Faessler.....	814,597	Mar. 6	1187	249	121	257
Reclining-engine.....	F. D. Althaus.....	812,176	Feb. 13	1341	291-2	120	1831
Reclining-chair.....	H. J. Lanagan.....	812,051	Feb. 6	1042	227	120	1701
Reclining-chair.....	L. Kipp.....	813,156	Feb. 20	3274	719-20	120	2289
Reclining-chair.....	G. Hunzinger.....	813,799	Feb. 27	4541	1004	120	2621
Reclining-chair.....	J. Landau.....	822,059	May 29	6145	1310	122	1601
Record-box.....	A. M. Seeley.....	837,970	Dec. 11	1379	300	125	1739
Record holder. Disk.....	X. Cukier.....	836,564	Nov. 20	3300	703	125	913
Record-keeping system.....	M. D. Pollock.....	824,949	July 3	546	108	123	145
Record of speech, &c. Magnetizable body for the magnetic recorder.....	P. O. Pedersen.....	836,339	Nov. 20	2860	608	125	807
Recorder.....							
See Cash-recorder.....	Presswork-recorder.....						
Chess-recorder.....	Ship's course-recorder.....						
Fare-recorder.....	Time-recorder.....						
Music-recorder.....	Vehicle-recorder.....						
Pressure-recorder.....							
Recording and adding machine. Combined number.....	A. S. Dennis.....	819,865	May 8	1653	353-5	122	434
Recording and calculating machine. Combined.....	C. F. Laganke.....	820,881	May 15	3777	805-6	122	960
Recording and computing mechanism.....	J. W. Nunamaker.....	814,158	Mar. 6	303	61-2	121	67
Recording apparatus.....	A. M. Benedic.....	818,994	Apr. 24	4580	1048	121	2587
Recording apparatus. Electrical.....	J. A. Kenny and C. H. Thordarson.....	824,364	June 26	4207	898-900	122	2807
Recording appliance. Automatic work.....	S. S. Berry.....	831,030	Sept. 18	2264	478	124	632
Recording device. Automatic.....	A. Abraham.....	813,933	Feb. 27	4820	1063-4	120	2680
Recording instruments. Paper-pressing attachment for.....	C. Hult.....	813,005	Feb. 20	2965	653	120	2221
Recording-lock.....	A. De Vilbiss, Jr.....	831,543	Sept. 25	3295	693	124	919
Recording-lock.....	A. De Vilbiss, Jr.....	831,544	Sept. 25	3302	694	124	921
Recording-machine.....	P. J. Darlington.....	825,303	July 10	1223	257-8	123	336
Recording mechanism. Automatic.....	H. Darwin.....	827,086	July 31	4886	1019	123	1297
Recuperator.....	R. R. Lade.....	817,326	Apr. 10	1542	324	121	1756
Red lake.....	O. Ernst.....	830,312	Sept. 4	834		124	209
Reducing and separating system.....	M. S. Weber.....	830,387	Sept. 4	989	207-8	124	244
Reduction machine. Refuse.....	D. P. Carritte.....	827,617	July 31	6065	1258	123	1592
Reduction mill. Gradual.....	J. M. Case.....	811,128	Jan. 30	5120	1069-70	120	1271
Reed, wire, willow, or similar plotting or lattice work.....	P. Löscher.....	836,884	Nov. 27	3963	846	125	1116
Reefing-tool.....	A. F. Bowen.....	833,869	Oct. 23	3791	805	124	2268

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Reel:							
See Belt-reel.	Line-reel.						
Clothes-line reel.	Paper-reel.						
Collapsible reel.	Press-reel.						
Display-reel.	Sand-reel.						
Fish-line reel.	Surveyor's reel.						
Fishing-reel.	Winding-reel.						
Harvester-reel.	Wire-reel.						
Hose-reel.							
Reel.....	H. B. Carlton.....	815,143	Mar. 13	2299	480	121	557
Reel.....	J. D. Holt.....	816,328	Mar. 27	4773	1011	121	1195
Reel.....	W. E. Wines.....	821,567	May 22	5169	1103	122	1325
Reel.....	A. V. Lindquist.....	832,069	Oct. 2	77	17	124	1231
Reel-band. Sliding.	L. L. Bartlett.....	831,764	Sept. 25	3757	786	124	1044
Reel-carrier.....	W. G. Hatcher.....	822,450	June 5	419	86	122	1816
Reel-clamp.....	L. L. Bartlett.....	834,534	Oct. 30	5315	1125	124	2692
Reel for strap-iron, &c.	F. Gerhard.....	824,292	June 26	4076	872	122	2779
Reel-seat.....	L. L. Bartlett.....	834,555	Oct. 30	5316	1129	124	2692
Reeling-machine.	W. W. Lincoln.....	815,184	Mar. 13	2388	497	121	578
Reeling mechanism.....	W. Y. Hunt.....	832,974	Oct. 9	1921	401	124	1713
Refining. Circulating apparatus for.	T. E. Smith.....	829,856	Aug. 21	3375	712	123	2576
Refining-engine.	S. R. Wagg.....	818,494	Apr. 24	3864	831-2	121	2366
Refining-engine.	W. White.....	830,125	Sept. 4	457	92	124	115
Refining-engine.	E. C. Crocker.....	834,713	Oct. 30	5646	1198	124	2776
Reflector.	Z. Matlowsky.....	819,570	May 1	1047	230	122	235
Reflector.	E. L. Zalinski.....	822,810	June 5	1147	236	122	1980
Reflector.	R. Straubel.....	835,648	Nov. 13	1536	328	125	432
Reflector.	W. A. McCoy and W. S. Kutscher.	836,819	Nov. 27	3844	819	125	1085
Reflector.	C. J. Klein.....	838,789	Dec. 18	2996	646	125	2182
Reflector and cluster-frame. Combined.	W. H. Spencer.....	830,258	Sept. 4	723	146	124	183
Reflector and guard for electric lamps. Combined.	G. A. Russell.....	835,475	Nov. 6	1191	257	125	299
Reflector and socket hood. Combined.	W. H. Spencer.....	816,756	Apr. 3	397	91	121	1447
Reflector. Decorated shade.	O. A. Mygatt.....	821,309	May 22	4661	983	122	1214
Reflector for artificial lights. Compound.	O. A. Mygatt.....	821,310	May 22	4662	983	122	1214
Reflector for artificial lights. Decorative shade.	O. A. Mygatt.....	821,307	May 22	4655	992	122	1214
Reflector. Prismatic.	O. A. Mygatt.....	821,306	May 22	4654	991	122	1213
Reflector. Prismatic-glass.	O. A. Mygatt.....	821,311	May 22	4664	993	122	1214
Reflector-shade.	W. H. Spencer.....	832,280	Oct. 2	531	100-1	124	1342
Refractory article and making the same.	E. G. Acheson.....	836,353	Nov. 20	2886		125	813
Refractory material and making the same.	E. G. Acheson.....	836,354	Nov. 20	2887		125	813
Refractory material. Manufacture of.	H. A. D. Collins.....	826,763	July 24	4244		123	1127
Refrigerating apparatus.	C. G. Kamiske.....	822,054	May 29	6136	1307	122	1598
Refrigerating apparatus.	W. Brothers.....	828,530	Aug. 14	1693	356	123	2117
Refrigerating apparatus.	C. C. Palmer.....	839,190	Dec. 25	3787	817-18	125	2423
Refrigerating apparatus for cooling air.	V. Thausing.....	811,596	Feb. 6	121	26	120	1512
Refrigerating-machine.	W. C. Hiester.....	833,325	Oct. 16	2642	555-6	124	1946
Refrigerating means.	J. Beck.....	813,195	Feb. 20	3343	735-6	120	2304
Refrigerator.	E. Prendergast.....	809,324	Jan. 9	1438	291	120	350
Refrigerator.	C. McDonner.....	810,499	Jan. 23	3883	798	120	970
Refrigerator.	S. Di Vecchio.....	814,523	Mar. 6	1053	217	121	229
Refrigerator.	G. W. Wallick.....	817,136	Apr. 3	1152	238	121	1616
Refrigerator.	E. C. Kindrick.....	817,782	Apr. 17	2450	523	121	2006
Refrigerator.	W. M. Keith.....	821,503	May 22	5058	1077	122	1303
Refrigerator.	R. Kroll.....	821,650	May 29	5349	1140	122	1423
Refrigerator.	L. Borden.....	824,061	June 19	3642	775	122	2628
Refrigerator.	S. A. Sewall and L. H. Abbee.....	824,387	June 26	4266	909	122	2818
Refrigerator.	R. C. Bender.....	826,466	July 17	3576	745	123	935
Refrigerator.	A. Miller.....	829,167	Aug. 21	3004	627	123	2484
Refrigerator.	C. R. McCabe.....	829,415	Aug. 28	3490	734	123	2650
Refrigerator.	J. W. MacDonald.....	830,342	Sept. 4	886	182	124	220
Refrigerator.	W. Landry.....	831,616	Sept. 25	3448	724	124	960
Refrigerator.	R. H. Dobbs.....	833,030	Oct. 9	2021	425	124	1738
Refrigerator.	C. H. Boeck.....	835,095	Nov. 6	444	90-1	125	117
Refrigerator.	L. J. Feldkircher.....	836,106	Nov. 20	2376	502	125	687
Refrigerator.	L. De Vaux.....	837,453	Dec. 4	354	83	125	1444
Refrigerator.	J. H. McDaniel.....	838,437	Dec. 11	2320	502-3	125	1974
Refrigerator attachment for milk-cans.	S. L. Croy and E. L. Rhea.....	836,867	Nov. 27	3925	838	125	1105
Refrigerator-box.	B. S. Frvar.....	827,358	July 31	5447	1133	123	1438
Refrigerator-car.	E. P. Hinds and G. E. Payne.....	813,970	Feb. 27	4880	1079	120	2692
Refrigerator-car.	E. I. Dodds.....	831,647	Sept. 25	3523	739	124	981
Refrigerator-cars. Rack construction for.	J. C. Coleman and E. W. Kessel.....	830,413	Sept. 4	1038	217	124	256
Refrigerator-cars. Slatted partition for.	C. Setzekorn.....	833,752	Oct. 23	3507	748	124	2197
Refrigerator-shelf.	R. F. Agnew.....	825,631	July 10	1994	416	123	533
Refrigerator. Window.	C. Spadavecchia.....	830,861	Sept. 11	1952	410	124	524
Regenerative furnace. Siemens.	A. Kurzwernhart.....	809,067	Jan. 2	871	185	120	193
Regenerator or heat-exchanging apparatus.	E. Maslin and C. Theryc.....	821,518	May 22	5086	1084	122	1309
Register:							
See Account-register.	Laundry-register.						
Autographic register.	Meter-register.						
Car-register.	Pool-frame register.						
Cash-register.	Pool-table register.						
Door-register.	Scale-register.						
Fare-register.	Side register.						
Fare-receipt register.	Telephone call-register.						
Game-register.	Telephone time-regis- ter.						
Hot-air register.							
Hotel-register.	Wall-register.						
Register.....	A. Lauber.....	811,416	Jan. 30	5678	1189	120	1390
Register.....	I. S. Dement and F. J. Hull.....	818,234	Apr. 17	3369	721-2	121	2207
Register.....	I. S. Dement.....	818,235	Apr. 17	3372	722-4	121	2207
Register.....	F. J. Hull.....	818,249	Apr. 17	3407	730	121	2214
Register.....	F. C. Carroll.....	829,138	Aug. 21	2925	613-14	123	2465
Register.....	W. L. Carter.....	833,871	Oct. 23	3793	805	124	2268
Register-clamp.	T. Wensel.....	819,827	May 8	1586	337	122	418
Register or name-board.	F. W. Leuthesser.....	837,481	Dec. 4	405	92	125	1457
Registers. Tension-regulating device for autographic.	E. J. Barker.....	813,481	Feb. 27	3927	861-2	120	2488

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. & S.	Vol.	Page.
Registering-machines. Key construction for	W. L. Sandage	824,885	July 3	415	79-80	123	114
Registering mechanism. Ball-actuated	C. A. Snyder	830,186	Sept. 4	560	115	124	142
Regulating apparatus	E. A. Sperry	833,760	Oct. 23	3522	752	124	2302
Regulating-spring	J. F. Weser	811,346	Jan. 30	5554	1159	120	1366
Regulator:							
See Automatic regulator.	Lamp-regulator.						
Beam-tension regulator.	Motor-regulator.						
Booster-regulator.	Motor-controller regulator.						
Coat lapel and collar regulator.	Oven-regulator.						
Controller-regulator.	Phonograph tone-regulator.						
Current-regulator.	Pressure-regulator.						
Damper-regulator.	Prime-mover regulator.						
Draft-regulator.	Pump-regulator.						
Electric regulator.	Speed-regulator.						
Electric-circuit regulator.	Spring-regulator.						
Electric-current regulator.	Temperature-regulator.						
Engine speed-regulator.	Thermostatic regulator.						
Feed-regulator.	Tongue-regulator.						
Feed-water regulator.	Vacuum-tube regulator.						
Fluid-pressure regulator.	Voltage-regulator.						
Gas-regulator.	Watch-regulator.						
Gas-burner regulator.	Water-regulator.						
Gas-jet regulator.	Water-level regulator.						
Gas-pressure regulator.	Water-wheel regulator.						
Hot-water regulator.	Windmill-regulator.						
Regulator.	A. W. Francis	815,806	Mar. 20	3698	779	121	911
Regulator.	A. Roesch	822,554	June 5	634	127-8	122	1866
Regulator.	E. A. Beyer	835,390	Nov. 6	1036	221-2	125	262
Regulator or governor.	J. W. Boyle	818,864	Apr. 24	4640	996-7	121	2535
Rein-guard.	W. A. Scott and W. S. McCall	813,329	Feb. 20	3619	794	120	2361
Rein-guard.	C. T. Waggoner	830,191	Sept. 4	580	118	124	147
Rein-guard.	E. H. Elmore	830,421	Sept. 4	1054	220	124	260
Rein-holder.	I. G. Forrister	812,034	Feb. 6	1016	221	120	1695
Rein-holder.	E. May	823,063	June 12	1666	345	122	2139
Rein-holder.	E. Masurath	838,731	Dec. 18	2879	620	125	2154
Rein-holder.	C. A. Morey	839,174	Dec. 25	3758	811	125	2416
Rein-support.	E. T. Wade	828,444	Aug. 14	1512	318	123	2070
Rein-support.	W. Schluter	832,085	Oct. 2	117	25	124	1241
Rein-support.	O. S. Massey	837,579	Dec. 4	599	139	125	1503
Rein-supporter.	A. R. Stokesbury and T. B. Lawhead.	812,896	Feb. 20	2744	604	120	2173
Rein-supporter.	J. M. Holland	826,937	July 24	4568	951	123	1206
Reinforcing-tube.	W. H. Smith	822,487	June 5	505	102	122	1836
Relay.	C. L. Goodrum	808,834	Jan. 2	412	91	120	91
Relay.	J. C. Barclay	811,996	Feb. 6	950	208	120	1682
Relay.	A. and L. G. Vera	813,184	Feb. 20	3324	731	120	2300
Relay.	H. Johansson	813,710	Feb. 27	4370	963	120	2584
Relay.	J. Allen	814,501	Mar. 6	1005	207	121	219
Relay.	R. Herman	815,822	Mar. 20	3724	784-5	121	917
Relay.	R. H. Manson	822,968	June 12	1464	305	122	2094
Relay.	W. W. Dean	827,964	Aug. 7	542	111	123	1807
Relay.	M. R. Hanna	838,404	Dec. 11	2261	488-9	125	1958
Relay device.	J. P. Downs	821,992	May 29	6017	1283	122	1572
Relay device.	J. P. Downs	822,193	May 29	6406	1360	122	1661
Relay device. Reverse	R. D. Mershon	816,111	Mar. 27	4326	916-17	121	1100
Relay. Electric.	M. Setter	819,082	May 1	94	22	122	25
Relay. Electrical.	H. M. Abernethy	829,905	Aug. 28	4543	958-9	123	2908
Relay. Reverse-current	E. M. Hewlett	818,377	Apr. 17	3642	782	121	2264
Releasing block or hook	A. A. McIntosh	837,948	Dec. 11	1319	289	125	1723
Releasing device.	J. O. C. Briggs	838,002	Dec. 11	1432	311	125	1753
Remedy. Making an internal	R. Griese	824,539	June 26	4583	122	122	2887
Removable stopper and strainer	E. P. Boden	831,767	Sept. 25	3764	788	124	1046
Renovator.	S. E. Allison	828,916	Aug. 21	2458	522	123	2344
Replanting device. Corn	T. S. McMahon	813,987	Feb. 27	4919	1089	120	2700
Replica. Diffraction-grating	F. E. Ives	818,966	Apr. 24	4824	1037	121	2575
Resaw Band	J. L. Graham	815,955	Mar. 27	3996	846	121	1026
Resaw-machine. Band	E. C. Mershon	833,538	Oct. 16	3084	654-5	124	2051
Resawing band-mill	J. Walton	811,009	Jan. 30	4894	1021	120	1224
Resawing-machine	L. A. Lawhon	809,307	Jan. 9	1404	285	120	344
Resawing-machine	C. E. Cleveland	811,376	Jan. 30	5603	1170-1	120	1376
Resawing-machine	J. C. Lawhon and G. P. Long	818,456	Apr. 24	3798	816	121	2353
Reservoir-gate	G. A. Millett	832,495	Oct. 2	958	190-1	124	1442
Reservoir retaining-wall	L. K. Davis	815,687	Mar. 20	3433	716	121	856
Resetting-switch. Automatic	S. H. Couch	830,770	Sept. 11	1793	370	124	482
Resilient wheel	E. C. Perkins	832,558	Oct. 2	1071	215	124	1471
Resilient wheel	T. W. Broomell	834,106	Oct. 23	4422	940	124	2419
Resilient wheel	T. Oldfield and J. A. Schofield	838,803	Dec. 18	3031	653-4	125	2191
Resistance device	H. W. Leonard	827,455	July 31	5685	1177	123	1498
Resistance device	W. L. Waters	834,424	Oct. 30	5080	1079	124	2630
Resistance. Flexible sheet	H. E. Heath	819,654	May 1	1212	266	122	272
Resistance unit	H. E. Heath	825,211	July 3	1046	220	123	273
Resistance unit	E. Schattner	829,174	Aug. 21	3013	630	123	2487
Resonance-circuit	G. von Arco	820,169	May 8	2342	509	122	584
Respirator	J. Warbasse	812,706	Feb. 13	2377	521	120	2047
Respirator	J. Morgan	838,434	Dec. 11	2316	501	125	1973
Resquaring-shears	C. W. Bennett	819,201	May 1	330	70-1	122	81
Restaurants. Conveyor for	T. Holmes	823,470	June 12	2480	524	122	2315
Restraining device	W. Challenger	826,648	July 24	4020	833	123	1068
Retaining device	F. C. dos Passos	818,282	Apr. 17	3458	744	121	2226
Retinoscope	A. L. Palis	815,859	Mar. 20	3817	808	121	936

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Retort.....	R. Ziesing.....	818,070	Apr. 17	3032	655	121	2134
Retort.....	M. J. Keough.....	832,131	Oct. 2	218	44	124	1266
Retort.....	P. Jackson.....	832,976	Oct. 9	1924	401-2	124	1714
Retort-benches. Apparatus for charging.....	A. L. J. Queneau.....	813,023	Feb. 20	3000	660-1	120	2229
Retort-charging apparatus.....	E. Körting.....	815,438	Mar. 20	2953	613	121	751
Retort-furnace.....	P. Brown.....	835,237	Nov. 6	729	151-2	125	185
Retort-furnace. Continuously-operating.....	R. C. Hills.....	825,536	July 10	1750	368-9	123	469
Retort-heating apparatus.....	E. G. B. Körting.....	825,912	July 17	2512	523	123	669
Retorts, muffles, furnaces, and the like. Charging.....	A. L. J. Queneau.....	813,021	Feb. 20	2996	659	120	2229
Return-ball.....	T. F. Burke and T. L. Vallely.....	810,613	Jan. 23	4115	849	120	1020
Return-ball.....	C. M. Thomas.....	837,147	Nov. 27	4522	958	125	1248
Reverberatory furnace.....	M. Cummings.....	819,043	May 1	15	4-5	122	6
Reverberatory furnace for the production of steel.....	V. Defays.....	825,522	July 10	1723	362	123	463
Reverse-switch. Automatic electric.....	I. A. Watrous.....	839,348	Dec. 25	4095	880	125	2497
Reversing mechanism.....	I. G. Yoders.....	813,341	Feb. 20	3638	798	120	2364
Reversing mechanism.....	C. F. Smith.....	833,255	Oct. 16	2499	523	124	1909
Reversing mechanism. Stop device for.....	F. O. Hoagland.....	827,016	July 24	4711	982	123	1240
Reversing-switch.....	J. N. Anderson.....	820,331	May 8	2643	576-7	122	652
Revetment.....	W. A. Smith.....	826,619	July 24	3976	823	123	1058
Revoluble members. Mechanism for intermittently rotating and stopping.....	W. B. Pearson and C. E. Roberts.....	827,662	July 31	6165	1280-1	123	1618
Revolver ejector mechanism.....	J. D. Robertson.....	816,125	Mar. 27	4350	922	121	1105
Revolver-lock.....	D. J. Buchanan.....	814,017	Mar. 6	24	5	121	7
Revolver-stock. Detachable.....	D. B. Martin.....	815,609	Mar. 20	3259	684	121	818
Revolvers. Cylinder-stop for.....	M. Bye.....	818,075	Apr. 17	3039	656	121	2136
Revolving and reclining chair.....	H. Witte.....	809,596	Jan. 9	2003	415	120	472
Revolving case.....	O. Shidler.....	836,947	Nov. 27	4116	878	125	1149
Revolving chair.....	J. Gilson, Jr.....	825,822	July 10	2351	490	123	619
Revolving chair.....	I. E. Bedell.....	826,917	July 24	4539	944	123	1199
Revolving drier.....	R. C. Hills.....	830,435	Sept. 4	1084	225-6	124	269
Rheostat.....	F. L. Stone.....	812,611	Feb. 13	2203	480	120	2014
Rheostat.....	G. E. Stevens.....	812,700	Feb. 13	2367	518	120	2045
Rheostat.....	E. C. Morgan.....	814,913	Mar. 13	1809	379	121	453
Rheostat.....	C. Wirt.....	815,996	Mar. 27	4073	862	121	1042
Rheostat.....	G. E. Stevens.....	822,312	June 5	178	35	122	1767
Rheostat.....	A. L. Hadley.....	829,148	Aug. 21	2953	618	123	2472
Rheostat.....	F. R. Kunkel.....	832,912	Oct. 9	1809	374	124	1687
Rheostat.....	O. T. Weiser.....	834,953	Nov. 6	145	29	125	40
Rheostat.....	A. O. Benecke.....	839,259	Dec. 25	3924	844	125	2456
Rheostat. Automatic starting.....	J. L. Hall.....	825,272	July 3	1154	244	123	301
Rheostat for starting and controlling electric motors.....	W. J. Day.....	815,908	Mar. 20	3910	827	121	956
Rheostat. Liquid.....	G. W. Cravens.....	832,720	Oct. 9	1417	286	124	1594
Rheostat. Motor-starting.....	H. Geisenhöner.....	822,269	June 5	86	18	122	1747
Rheostat. Motor-starting.....	J. L. Hall and W. C. Yates.....	829,151	Aug. 21	2958	618	123	2473
Rheostat. Motor-starting.....	D. C. Jackson.....	829,272	Aug. 21	3206	673-4	123	2534
Rheostat. Motor starting and regulating.....	P. H. Zimmer.....	819,626	May 1	1158	254	122	260
Rheostat operated by means of compressed air. Automatically-regulated liquid.....	C. de Kandó.....	821,418	May 22	4900	1041	122	1269
Rheostat. Starting.....	D. Miller.....	822,290	June 5	134	26	122	1758
Ribbon-holder.....	R. A. Gladney.....	817,554	Apr. 10	2009	423	121	1855
Ribbon-holder.....	E. S. Coy.....	829,846	Aug. 28	4426	934	123	2880
Ribbon-holder.....	A. H. Gardyne.....	830,060	Sept. 4	299	61	124	73
Ribbon-holder.....	W. B. Wiswall.....	831,201	Sept. 18	2620	551	124	711
Ribbon-reverse. Automatic.....	W. A. Twining.....	820,834	May 15	3666	782-4	122	935
Ribbons, &c. Holder for.....	H. Maine.....	811,418	Jan. 30	5683	1190	120	1392
Ribs. Instrument for removing.....	A. W. Frentzen and J. Schoemaker.....	813,877	Feb. 27	4707	1042	120	2657
Riddle.....	O. F. Kime.....	836,387	Nov. 20	2954	625	125	828
Riding attachment.....	H. L. Parrish.....	838,743	Dec. 18	2902	625-6	125	2160
Riding-gallery.....	J. W. Armitage.....	815,503	Mar. 20	3063	638	121	775
Rifle apparatus.....	J. M. Couper.....	837,197	Nov. 27	4604	977	125	1268
Rifle and shotgun cleaner.....	B. E. S. Stocker.....	821,198	May 22	4443	946	122	1167
Rifle attachment.....	S. A. Alden.....	824,837	July 3	324	59	123	90
Rifle. Automatic.....	T. A. Fildeland.....	813,694	Feb. 27	4339	955	120	2578
Rifle-carrying attachment.....	W. E. Read.....	811,437	Jan. 30	5713	1196	120	1398
Rifle construction.....	C. Hamilton.....	830,587	Sept. 11	1405	291	124	376
Rifle front sight.....	T. A. Watson.....	830,868	Sept. 11	1963	412	124	526
Rifle. Gas-operated.....	M. F. Smith.....	818,920	Apr. 24	4737	1017-18	121	2556
Rifle. Magazine.....	W. E. Clay.....	809,094	Jan. 2	952	198	120	211
Rifle set-lock and safety set-trigger.....	D. Brown.....	814,584	Mar. 6	1165	244	121	252
Rifle-sight.....	J. N. Olson.....	817,331	Apr. 10	1548	326	121	1758
Rifle-sight.....	A. C. Van Horn and A. A. Miller.....	823,145	June 12	1846	381	122	2177
Rifle-sight.....	M. E. Sutherland.....	824,960	July 3	573	114	123	153
Rifle-sight.....	H. L. Bock.....	837,180	Nov. 27	4577	971	125	1261
Rifle with hinged or tilting barrel.....	F. Jäger.....	822,668	June 5	874	179	122	1921
Rifles. Telescope-mount for.....	F. W. Mann.....	830,729	Sept. 11	1722	355	124	464
Rifles to reduced ranges. Device for adapting service.....	A. N. Tucker.....	834,341	Oct. 30	4908	1040	124	2588
Riding.....	H. Vulpus.....	835,482	Nov. 6	1201	259	125	302
Rim. Sectional.....	W. G. Marr.....	828,893	Aug. 21	2412	513	123	2331
Rimming-machine.....	G. A. Ensign.....	825,711	July 10	2142	447	123	569
Ring.....							
See Collector-ring. Oil-ring.							
Connecting-ring. Packing-ring.							
Curtain-pole ring. Pipe-coupling ring.							
Finger-ring. Pole-ring.							
Jar-ring. Scarf-ring.							
Key-ring. Spinning-ring.							
Lap-ring. Spinning or twisting ring.							
Nose-ring. Machine for forming finger-ring.	R. C. Grossmann.....	818,620	Apr. 24	4154	893	121	2429
Ring and listening key. Automatic.....	A. Carliss.....	815,405	Mar. 20	2892	601	121	736
Ring and listening key. Operator's.....	W. W. Dean.....	836,067	Nov. 13	2272	485	125	609
Ring and locking device. Selective.....	O. H. Newman.....	821,820	May 29	5698	1214	122	1502
Ripper.....	F. E. Reed.....	814,080	Mar. 6	156	32	121	35
Ripping tool. Stitch.....	P. B. Reed.....	825,073	July 3	764	160	123	204
Rivet.....	W. P. Bartel.....	821,397	May 22	4861	1031	122	1260

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drawg.	Vol.	Page.
Rivet-cutter.....	H. H. Spanogle.....	820,073	May 8	2150	468	122	543
Rivet-driving machine.....	W. P. Allison.....	839,088	Dec. 25	3581	774-5	125	2370
Rivet-holder.....	R. J. Gordon.....	808,835	Jan. 2	415	91	120	92
Rivet-holder. Magnetic.....	H. B. Douglas.....	816,540	Mar. 27	5213	1105	121	1291
Rivet-holder. Magnetic.....	H. B. Douglas.....	816,541	Mar. 27	5214	1106	121	1291
Rivets. Manufacture of.....	N. Marshall.....	820,586	May 15	3169	682	122	827
Riveter.....	S. S. Caskey and S. C. Bond.....	833,441	Oct. 16	2892	613	124	2008
Riveter. Electric.....	S. S. Eveland.....	811,137	Jan. 30	5140	1074	120	1275
Riveter or punch.....	S. S. Caskey.....	836,301	Nov. 20	2794	593	125	793
Riveter. Pneumatic.....	W. E. Hubby.....	832,481	Oct. 2	926	181	124	1434
Riveters. Holder-on for.....	E. Gunnell.....	833,878	Oct. 23	3808	808-9	124	2272
Riveting apparatus. Portable.....	H. B. Nichols.....	826,522	July 17	3740	776	123	981
Riveting device.....	W. T. Gordon.....	824,007	June 19	3549	757-8	122	2607
Riveting device.....	J. Petrelli.....	827,994	Aug. 7	603	123	123	1820
Riveting-machine.....	E. Einfeldt.....	826,496	July 17	3691	765	123	971
Riveting-machine. Fluid-pressure.....	E. E. Hanna.....	823,273	June 12	2127	444	122	2241
Riveting-machine. Fluid-pressure.....	E. E. Hanna.....	823,274	June 12	2128	444	122	2241
Riveting-machine. Hydraulic.....	W. H. Wood.....	811,468	Jan. 30	5759	1206	120	1408
Riveting-machine. Pneumatic.....	J. R. French.....	812,787	Feb. 13	2529	556	120	2080
Roach-trap.....	J. W. Meier.....	812,761	Feb. 13	2479	543	120	2069
Road-bed.....	G. Ross and S. F. Deal.....	811,746	Feb. 6	393	.....	120	1572
Road filling and leveling device.....	W. A. Pierce.....	836,211	Nov. 20	2599	548-9	125	742
Road-gate.....	F. M. Garinger.....	829,709	Aug. 28	4142	876	123	2809
Road-leveling machine.....	C. D. Smith.....	808,877	Jan. 2	499	108	120	112
Road-making machine.....	W. P. Warren.....	839,347	Dec. 25	4094	879-80	125	2497
Road-scarifier.....	M. J. Todd.....	838,478	Dec. 11	2401	521	125	1993
Road-sweeper.....	C. J. Ewart.....	816,082	Mar. 27	4273	905-6	121	1089
Road-working machine.....	W. J. McBride and J. J. Alford.....	817,087	Apr. 3	1057	219	121	1593
Roads or other places. Compound which forms an emulsion with water to be applied to the surfaces of.....	E. Harcastle.....	819,012	Apr. 24	4919	.....	121	2596
Roads, &c. Prevention and laying of dust in.....	W. M. Sandison.....	813,389	Feb. 20	3728	.....	120	2384
Roads. Tarring.....	L. Préaubert and G. A. Thubé.....	812,593	Feb. 13	2173	.....	120	2008
Roadway. Movable.....	I. D. Smead.....	812,374	Feb. 13	1728	379-80	120	1919
Roadways, streets, and walks. Facing.....	G. Ross and S. F. Deal.....	833,551	Oct. 16	3111	.....	124	2057
Roaster: See Coffee-roaster. Meat-roaster. Coffee and cereal Ore-roaster. roaster.							
Roaster.....	J. E. Scott.....	809,851	Jan. 9	2479	516	120	579
Roaster.....	E. T. Shortt.....	836,610	Nov. 20	3374	719	125	930
Roasting and volatilizing furnace.....	S. I. Clawson.....	829,843	Aug. 28	4419	932-3	123	2878
Roasting-furnace.....	O. Hofmann.....	809,953	Jan. 16	2689	555	120	676
Roasting-furnace.....	F. Klepetko.....	811,643	Feb. 6	216	46	120	1532
Roasting-furnace.....	T. F. Sheridan.....	814,238	Mar. 6	458	95	121	99
Roasting-furnace.....	F. Klepetko.....	814,297	Mar. 6	580	122	121	124
Roasting-furnace.....	F. Klepetko.....	814,298	Mar. 6	582	122	121	125
Roasting-furnace.....	F. Klepetko.....	814,299	Mar. 6	585	123	121	126
Roasting-furnace.....	A. W. Chase.....	823,393	June 12	2337	490-1	122	2285
Roasting-furnace.....	F. Klepetko.....	824,181	June 26	3857	823	122	2733
Roasting-furnace.....	F. Klepetko.....	825,326	July 10	1275	269	123	350
Roasting-furnace.....	H. W. Fox.....	827,226	July 31	5196	1079	123	1379
Roasting-furnace.....	F. E. Marey.....	827,547	July 31	5926	1228	123	1554
Roasting-furnace.....	F. Klepetko.....	831,165	Sept. 18	2551	538	124	696
Roasting-furnace.....	F. Klepetko.....	831,166	Sept. 18	2554	538	124	697
Roasting meats and the like. Device for.....	D. G. Walker.....	833,566	Oct. 16	3135	666	124	2064
Roasting or oxidizing furnace.....	C. E. Dewey.....	095,828	Aug. 7	818	169-70	123	1873
Robe. Invalid.....	E. Clark.....	818,351	Apr. 17	3592	769	121	2253
Rock and coal drill.....	L. C. Hardsocg.....	808,837	Jan. 2	418	92	120	93
Rock and coal drilling machine.....	N. Zomer.....	830,036	Sept. 4	251	50	124	62
Rock and ore breaking machine.....	E. H. Sansom.....	817,672	Apr. 10	2209	471	121	1898
Rock-boring drill. Tubular.....	W. Besson.....	817,296	Apr. 10	1490	313	121	1745
Rock-boring machine.....	W. C. Moore.....	811,943	Feb. 6	818	179	120	1656
Rock breaker and pulverizer.....	A. J. Merralls.....	827,745	Aug. 7	104	22	123	1696
Rock-breaker. Subaqueous.....	B. H. Coffey. (Reissue).....	12,501	June 26	4909	1043-4	122	2956
Rock-crusher.....	J. Y. Byers and J. W. Myer.....	817,298	Apr. 10	1493	313	121	1746
Rock-crushers. Conveyor for.....	T. R. McKnight.....	825,608	July 10	1898	401	123	505
Rock-drill.....	A. H. Gibson.....	810,639	Jan. 23	4159	859	120	1029
Rock-drill.....	T. E. Adams.....	811,685	Feb. 6	291	66	120	1549
Rock-drill.....	C. J. Smith.....	812,375	Feb. 13	1732	380	120	1919
Rock-drill.....	C. J. Smith.....	812,774	Feb. 13	2502	550	120	2073
Rock-drill.....	D. C. Demarest.....	813,041	Feb. 20	3031	667	120	2236
Rock-drill.....	E. A. Rix.....	813,828	Feb. 27	4614	1021	120	2635
Rock-drill.....	J. G. Leyner.....	815,299	Mar. 13	2599	546-7	121	626
Rock-drill.....	R. Binnie, Sr.....	818,015	Apr. 17	2929	633	121	2114
Rock-drill.....	A. H. Gibson.....	818,681	Apr. 24	4267	917	121	2454
Rock-drill.....	H. Hellman and L. C. Bayles.....	819,755	May 8	1423	306	122	377
Rock-drill.....	W. Sturm.....	820,530	May 15	3074	661	122	806
Rock-drill.....	A. H. Gibson.....	822,596	June 5	740	149	122	1890
Rock-drill.....	E. Leichter.....	823,059	June 12	1659	344	122	2138
Rock-drill.....	J. Mathers.....	826,108	July 17	2911	604	123	774
Rock-drill.....	J. E. Sales.....	828,684	Aug. 14	1986	419	123	2193
Rock-drill.....	C. H. Shaw.....	830,744	Sept. 11	1749	360	124	472
Rock-drill.....	H. Deitz.....	833,875	Oct. 23	3804	807-8	124	2272
Rock-drill.....	T. E. Adams.....	834,441	Oct. 30	5109	1085	124	2638
Rock-drill.....	C. J. Smith.....	835,261	Nov. 6	774	162	125	195
Rock-drill.....	W. C. Whitcomb.....	836,846	Nov. 27	3892	831	125	1096
Rock-drill.....	J. J. Rekar.....	837,118	Nov. 27	4461	946-7	125	1234
Rock-drill.....	C. J. Smith.....	837,347	Dec. 4	140	35	125	1390
Rock-drill.....	H. Hellman and L. C. Bayles.....	839,586	Dec. 25	4573	975	125	2613
Rock-drill guide.....	W. C. Stephens.....	837,515	Dec. 4	460	105	125	1471
Rock-drill making and sharpening device.....	W. W. Word.....	826,004	July 17	2706	559	123	724
Rock-drill or rock-drilling machine.....	H. Hellman and L. C. Bayles.....	816,090	Mar. 27	4285	908	121	1092
Rock-drill shaping and swaging mechanism.....	W. P. Lightbody.....	815,844	Mar. 20	3788	799	121	931
Rock-drill shaping and swaging mechanism.....	W. P. Lightbody.....	815,845	Mar. 20	3789	800	121	931
Rock-drilling machine.....	H. Hellman and L. C. Bayles.....	819,756	May 8	1430	306	122	380
Rock-drilling machine.....	C. M. Walker.....	823,980	June 19	3496	747	122	2597

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Rock-drilling machine.	B. Cammas.	828,923	Aug. 21	2471	524	123	2347
Rock-drilling-machine engine.	C. M. Walker.	826,456	July 17	3555	740	123	931
Rock-drilling machine or engine.	H. Hellman and L. C. Bayles.	829,071	Aug. 21	2765	582	123	2422
Rock-drilling machine or engine.	H. Hellman and L. C. Bayles.	832,791	Oct. 9	1557	321	124	1627
Rock-drilling machine or engine.	H. Hellman and L. C. Bayles.	834,522	Oct. 30	5257	1117	124	2678
Rock-splitting machine.	F. Newnham.	827,879	Aug. 7	364	78-9	123	1760
Rocker.	S. R. Stambaugh.	826,380	July 17	3411	707	123	893
Rocker attachment.	P. J. Geyler.	816,088	Mar. 27	4283	908	121	1092
Rocker. Base.	A. H. Ordway.	821,055	May 22	4162	885	122	1105
Rocker. Lawn.	I. M. Coffy.	826,314	July 17	3292	680	123	865
Rocker or support.	G. Lindenthal.	834,820	Oct. 30	5868	1243	124	2830
Rocking-chair.	J. E. Nutter.	834,070	Oct. 23	4342	923	124	2399
Rocking device.	S. A. Jones.	839,295	Dec. 25	3996	858	125	2473
Rocking-horse.	S. C. Hagan.	836,643	Nov. 20	3440	735	125	944
Rocking-stand.	F. Grindy.	819,878	May 8	1679	360	122	439
Rod:							
See Connecting-rod.	Pump-rod.						
Curtain-rod.	Railway switch-rod.						
Engine connecting-rod.	Range-rod.						
Fishing-rod.	Surveying-rod.						
Index-rod.	Switch-rod.						
Leveling-rod.	Wantage-rod.						
Pitman-rod.							
Rod and pipe cutting machine.	J. Lally.	826,434	July 17	3507	730	123	918
Rod-connecting device.	E. F. Helm.	833,386	Oct. 16	2760	581	124	1976
Rod-coupling.	J. M. Lynn.	835,028	Nov. 6	307	65	125	79
Rod coupling. Pull.	J. C. Miller.	834,836	Oct. 30	5905	1251	124	2841
Rods, bars, or cables. Adjustable means for.	C. H. Wright and W. E. Marshall.	811,350	Jan. 30	5560	1160	120	1367
Rodent-extermimator.	M. T. Whitney.	831,691	Sept. 25	3633	760	124	1012
Roll.	D. L. Eynon and S. Sheriff.	832,725	Oct. 9	1425	288	124	1596
Roll. Hot-mill.	J. Loomis.	831,727	Sept. 25	3694	773	124	1029
Roll, journal-bearing, and the like.	E. J. Francis.	827,689	July 31	6232	1294	123	1638
Roll-polishing device.	A. Ridd.	831,684	Sept. 25	3614	758	124	1007
Roll-removing device.	C. W. Bray.	808,719	Jan. 2	196	42	120	45
Rolls.	W. Mountain.	836,047	Nov. 13	2233	478	125	601
Rolls. Clamp for holding coverings on.	H. F. Sheldon.	832,215	Oct. 2	404	75	124	1310
Rolls. Jacket for.	C. D. France.	826,841	July 24	4387	913	123	1162
Rolls on their axes. Clamp for fastening stone couch-rolls and wet-press	G. Renker.	827,394	July 31	5523	1149	123	1457
Roller:							
See Barrel-scrubber roller.	Land-roller.						
Cigarette-roller.	Meat-roller.						
Cotton-gin roller.	Power-roller.						
Design-roller.	Shade-roller.						
Ground-roller.	Skate-roller.						
Ink-roller.	Spring-roller.						
Kneading and aerating roller.							
Roller and harrow. Combined.	C. S. Balyeat.	826,137	July 17	2953	613	123	783
Roller-compress.	S. J. Webb.	809,415	Jan. 9	1645	338-9	120	394
Roller-cutter.	H. E. Wilmoth.	826,133	July 17	2948	612	123	782
Roller-feed table.	J. W. Gocher.	830,990	Sept. 11	2180	461	124	577
Roller-mill.	J. M. Nikolai.	811,574	Feb. 6	80	16	120	1503
Roller-mill. Combined bruising and crushing.	A. Joel.	830,075	Sept. 4	328	66	124	80
Roller-stand.	F. A. Breeze.	814,900	Mar. 13	1790	374	121	448
Roller-table.	H. J. Bubenheim.	811,820	Feb. 6	536	119	120	1599
Rolling angles.	E. E. Slick.	817,345	Apr. 10	1576	332-3	121	1764
Rolling apparatus. Cross.	J. J. Dunn.	829,953	Sept. 4	22	5	124	7
Rolling-machine.	A. Mason.	812,281	Feb. 13	1563	342	120	1882
Rolling metal billets. Adjustable mill for cross-	R. C. Stiefel and J. H. Nicholson.	830,462	Sept. 4	1133	237-8	124	280
Rolling metal plates.	T. H. Mathias.	823,345	June 12	2263	472	122	2271
Rolling-mill.	E. E. Slick.	817,344	Apr. 10	1573	330-2	121	1763
Rolling-mill.	P. M. Weber. (Reissue)	12,472	Apr. 17	3698	794	121	2276
Rolling-mill.	O. Briede.	822,879	June 5	1284	265	122	2007
Rolling-mill.	W. I. Finkenbinder.	829,393	Aug. 28	3453	726	123	2640
Rolling-mill.	J. Kennedy.	836,192	Nov. 20	2566	540-1	125	733
Rolling-mill. Cylinder.	H. Ehrhardt.	835,505	Nov. 13	1253	269	125	361
Rolling-mill feeding device.	R. H. Ward.	839,441	Dec. 25	4287	916-17	125	2544
Rolling-mill for rolling seamless metal tubes.	O. Briede.	822,880	June 5	1287	265	122	2008
Rolling mill. Rod.	F. H. Daniels.	820,396	May 15	2779	603	122	742
Rolling mill. Sheet-metal.	E. Norton.	837,104	Nov. 27	4434	940	125	1227
Rolling-mill work-reversing mechanism.	V. Chartener.	837,039	Nov. 27	4311	915-16	125	1196
Rolling-mills. Coupling-sleeve holder for the rollers of	W. Müller.	819,909	May 8	1743	375	122	454
Rolling plates and sheets.	C. W. Bray.	825,634	July 10	1998	416-17	123	53
Rolling plates. Apparatus for.	A. Ridd.	831,683	Sept. 25	3613	758	124	1007
Rolling-press.	F. H. Richards.	830,006	Sept. 4	183	32	124	44
Rolling screw-nut blanks. Machine for.	T. M. Anderson and R. Wormald.	817,360	Apr. 10	1604	339	121	1771
Rolling sheets.	A. Paterson.	819,589	May 1	1085	239	122	244
Rolling tubes and tubular bodies. Apparatus for.	R. C. Stiefel.	813,597	Feb. 27	4154	911	121	2538
Rolling tubes. Machine for.	R. Koenig.	819,143	May 1	208	43-4	122	52
Rolling tubular bodies or blanks. Apparatus for cross-	J. H. Nicholson.	817,796	Apr. 17	2483	531	121	2013
Roof-bracket.	C. Hunter and F. F. Haskell.	824,789	July 3	204	37	123	59
Roof-carline.	A. Lipschutz.	811,073	Jan. 30	4999	1044	120	1246
Roof-carline.	G. B. Maltby.	824,939	July 3	527	104	123	140
Roof-carline.	G. B. Maltby.	824,940	July 3	528	104	123	141
Roof-carline.	G. B. Maltby.	824,941	July 3	529	105	123	141
Roof-carline.	G. B. Maltby.	827,317	July 31	5369	1117	123	1419
Roof-flange.	J. C. Lauth.	836,933	Nov. 27	4090	873	125	1142
Roof for buildings. Metal.	F. A. Richter.	834,935	Nov. 6	114	23	125	35
Roof for houses.	W. M. Ducker.	830,216	Sept. 4	643	129	124	163
Roof for mausoleums, vaults, tombs, and the like.	C. E. Tayntor.	826,451	July 17	3546	738	123	928
Roof-gutter. Sheet-metal.	E. Loeffler and G. L. Hazel.	827,456	July 31	5688	1178	123	1499
Roof. Ventilating.	J. Braselton.	831,411	Sept. 18	3022	642	124	814
Roofs. Snow-guard for.	J. H. Fulmer.	817,480	Apr. 10	1864	392	121	1825
Roofing.	H. M. Jackson.	816,581	Apr. 3	47	12	121	1364

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Roofing and siding material.	F. D. Jacobs. (Reissue)	12,475	Apr. 24	4986	1067	121	2612
Roofing-bracket	A. P. Henderson	825,051	July 3	728	152	123	195
Roofing. Composite	G. F. Bishopric	817,619	Apr. 10	2118	449	121	1878
Roofing-lap	E. N. Brogan	821,606	May 29	5265	1122	122	1404
Roofing material.	R. W. Bird	820,470	May 15	2929	635	122	773
Roofing material. Machine for making.	F. D. Jacobs	816,661	Apr. 3	237	55-6	121	1413
Roofing material. Sheet	H. R. Wardell	813,336	Feb. 20	3630	796	120	2363
Roofing. Metal	P. W. Turner	836,157	Nov. 20	2491	523	125	716
Roofing. Metallic.	R. T. Hunter	837,303	Dec. 4	55	15-16	125	1367
Roofing, paving, &c. Composition for	E. J. Yetter	819,833	May 8	1600		122	421
Roofing, paving, &c. Composition for	E. J. Yetter	820,162	May 8	2326		122	581
Roofing, paving, &c. Composition for	E. J. Yetter	820,163	May 8	2328		122	581
Roofing-plate	H. Baden	818,333	Apr. 17	3561	762	121	2247
Roofing-plate. Metallic.	P. S. Torrence	832,003	Sept. 25	4242	886	124	1166
Roofing. Ready-made	W. J. Moeller	813,163	Feb. 20	3289	723	120	2292
Roofing. Ready-made	W. J. Moeller	835,889	Nov. 13	1973	418	125	537
Roost and nest-support. Combined	J. R. Callahan	827,706	Aug. 7	21	5	123	1676
Roost. Chicken-	G. H. Buckingham	819,204	May 1	345	74	122	84
Rope.	C. H. Billman	808,895	Jan. 2	547	121	120	120
Rope.	E. D. Metcalf	809,386	Jan. 9	1580	321	120	381
Rope and rope-socket protector.	E. Porter	821,829	May 29	5718	1218	122	1505
Rope and rope-socket-protector spear	E. Porter	830,169	Sept. 4	538	109	124	136
Rope carrier. Fall-	E. K. Young	808,710	Jan. 2	167	38-9	120	38
Rope carrier. Fall-	J. G. Delaney and A. Lambert	829,513	Aug. 28	3733	793	123	2710
Rope carrier. Fall-	J. G. Delaney and A. Lambert	829,911	Aug. 28	4555	960-1	123	2911
Rope-clamp	J. J. Clark	808,970	Jan. 2	702	152	120	155
Rope-clamp	A. A. Newell	829,542	Aug. 28	3796	806	123	2726
Rope-clamp	A. H. Meech	834,924	Nov. 6	95	19	125	27
Rope-clamp	M. Spearbeck	837,142	Nov. 27	4512	956	125	1246
Rope-cutter	B. D. Tillinghast and H. B. Porterfield.	810,587	Jan. 23	4059	835	120	1006
Rope-drive.	T. James	832,977	Oct. 9	1925	402	124	1714
Rope-drive-adjusting mechanism.	R. H. Stevens	808,699	Jan. 2	147	35	120	34
Rope-drum	T. S. Miller	809,968	Jan. 16	2722	560	120	682
Rope-drum	T. S. Miller	821,305	May 22	4650	991	122	1212
Rope-holder	K. W. Nilsson	828,765	Aug. 14	2142	453	123	2232
Rope-rack	T. Winterbottom	813,760	Feb. 27	4458	985	120	2603
Rope-sheave	F. Schults	829,898	Aug. 28	4530	955	123	2965
Rope-socket	J. K. Putnam	833,548	Oct. 16	3104	659-60	124	2055
Rope-straining device. Self-acting electrical.	O. Adam	820,464	May 15	2918	634	122	771
Rope-untwisting machine	F. A. Kaiser	828,121	Aug. 7	865	178	123	1884
Rope. Woven-pile-fabric	A. E. Neff and C. G. Boldenweck	810,553	Jan. 23	3992	822	120	993
Ropes from their pulleys. Device for unshipping end-less traveling	G. Leue	809,823	Jan. 9	2423	503	120	566
Rosette	J. C. Tournier	821,444	May 22	4953	1052	122	1281
Rossing-machine.	J. Moreau	827,747	Aug. 7	108	23-4	123	1697
Rotary carrier and elevator.	I. J. Ball	834,244	Oct. 30	4729	1001	124	2543
Rotary cutter	A. J. Corley	822,351	June 5	250	52	122	1781
Rotary cutter and toppler	F. Denismoor	810,397	Jan. 23	3676	757	120	921
Rotary engine	A. Hager	809,054	Jan. 2	853	181	120	189
Rotary engine	D. B. Stalker	809,149	Jan. 2	1041	215-16	120	228
Rotary engine	H. A. Fredlund	809,180	Jan. 2	1095	228	120	241
Rotary engine	A. O. Englund	809,363	Jan. 9	1516	307-8	120	368
Rotary engine	G. A. L. Lind	810,062	Jan. 16	2940	612	120	731
Rotary engine	B. F. Augustine	810,601	Jan. 23	4082	841-2	120	1011
Rotary engine	A. E. Stevens	811,103	Jan. 30	5047	1055	120	1256
Rotary engine	P. J. Decker	811,204	Jan. 30	5278	1104-5	120	1306
Rotary engine	W. H. Bates, R. C. Douglass, and W. G. Nourse.	811,613	Feb. 6	153	33-4	120	1518
Rotary engine	W. J. Rowe and A. L. Witbeck	811,747	Feb. 6	394	85-6	120	1572
Rotary engine	C. A. Sandborg	812,368	Feb. 13	1714	376-7	120	1916
Rotary engine	F. Eggersdörfer	812,414	Feb. 13	1818	398	120	1946
Rotary engine	R. C. McLean	812,588	Feb. 13	2165	474	120	2007
Rotary engine	J. H. Renner	813,024	Feb. 20	3003	661	120	2230
Rotary engine	G. E. Eckler	813,284	Feb. 20	3515	775	120	2340
Rotary engine	R. S. McIntosh	813,815	Feb. 27	4566	1010	120	2626
Rotary engine	H. Burlich	813,854	Feb. 27	4661	1031	120	2647
Rotary engine	E. J. Christie	814,018	Mar. 6	26	6	121	7
Rotary engine	R. B. Hinkley	814,044	Mar. 6	90	17	121	21
Rotary engine	J. Fowler	814,126	Mar. 6	252	48	121	56
Rotary engine	W. S. Moses	814,389	Mar. 6	787	158-9	121	174
Rotary engine	W. Wyand	815,135	Mar. 13	2280	476	121	553
Rotary engine	E. T. Young and L. J. Cavanaugh	815,246	Mar. 13	2508	522	121	606
Rotary engine	N. R. Smith	815,482	Mar. 20	3021	631	121	766
Rotary engine	I. Abbott	816,285	Mar. 27	4656	988-9	121	1171
Rotary engine	D. F. Baker	816,288	Mar. 27	4662	989-90	121	1173
Rotary engine	J. M. King	816,727	Apr. 3	348	80	121	1437
Rotary engine	P. C. Dahl	816,784	Apr. 3	458	103	121	1459
Rotary engine	P. Décor	817,472	Apr. 10	1850	387-9	121	1822
Rotary engine	G. C. Stealey	817,679	Apr. 10	2218	474-5	121	1900
Rotary engine	K. A. A. Staahlgren	817,814	Apr. 17	2513	538	121	2020
Rotary engine	A. H. Wright	818,399	Apr. 17	3692	793	121	2275
Rotary engine	J. F. Eynon	818,756	Apr. 24	4440	951	121	2492
Rotary engine	J. H. Howden	818,964	Apr. 24	4821	1037	121	2574
Rotary engine	J. H. Corthesy	819,003	Apr. 24	4897	1051-2	121	2590
Rotary engine	R. C. Heusch	819,276	May 1	492	102-3	122	114
Rotary engine	E. C. Duncan	819,638	May 1	1182	258	122	266
Rotary engine	A. H. Carpenter	819,724	May 8	1366	295	122	367
Rotary engine	A. F. Ford	819,747	May 8	1411	304	122	375
Rotary engine	W. I. Phifer	819,920	May 8	1757	378-9	122	457
Rotary engine	H. E. Thomas	820,447	May 15	2883	627	122	763
Rotary engine	C. G. Bauer	820,544	May 15	3097	667	122	810
Rotary engine	G. E. Anderson	821,449	May 22	4961	1055-6	122	1282
Rotary engine	A. G. Kinyon and J. R. Saunders	821,647	May 29	5343	1139	122	1422
Rotary engine	W. R. Dawe	821,707	May 29	5480	1166-7	122	1451
Rotary engine	J. E. and J. M. Peterson	821,734	May 29	5525	1178-9	122	1461

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Rotary engine.	E. Harrigan.	821,797	May 29	5652	1205	122	1491
Rotary engine.	C. M. Cagle.	822,343	June 5	234	49	122	1777
Rotary engine.	G. P. Clark.	822,347	June 5	244	51	122	1779
Rotary engine.	A. S. LeVake.	822,378	June 5	295	60	122	1789
Rotary engine.	W. A. Brown.	822,426	June 5	377	78-9	122	1807
Rotary engine.	W. O. Steele.	822,700	June 5	949	194	122	1938
Rotary engine.	W. A. Allan.	823,020	June 12	1581	328	122	2122
Rotary engine.	J. P. Shepard.	823,228	June 12	2043	424	122	2223
Rotary engine.	F. D. Blake.	823,252	June 12	2090	435	122	2234
Rotary engine.	A. M. A. Sponneck-Mayer.	823,449	June 12	2446	516-17	122	2308
Rotary engine.	G. S. MacDonald.	823,607	June 19	2782	589	122	2440
Rotary engine.	J. L. Strickland.	823,821	June 19	3184	673-4	122	2529
Rotary engine.	W. Lister.	823,885	June 19	3307	703-4	122	2557
Rotary engine.	R. W. Hamann.	824,647	June 26	4794	1022	122	2933
Rotary engine.	R. W. Hamann.	824,648	June 26	4796	1022	122	2933
Rotary engine.	E. H. Taylor.	825,086	July 3	793	165	123	212
Rotary engine.	E. Ulland.	825,361	July 10	1346	283-4	123	369
Rotary engine.	C. A. Black.	825,374	July 10	1370	289-90	123	374
Rotary engine.	W. C. Smalstig.	825,770	July 10	2264	470	123	598
Rotary engine.	P. Grassmann.	826,422	July 17	3486	725-6	123	912
Rotary engine.	J. Thormählen.	826,453	July 17	3551	739	123	929
Rotary engine.	R. Klann.	826,670	July 24	4063	841-2	123	1081
Rotary engine.	W. E. Weber.	827,276	July 31	5293	1097	123	1401
Rotary engine.	L. A. Hicks.	827,529	July 31	5888	1219-20	123	1545
Rotary engine.	W. H. Vaughn.	827,582	July 31	5978	1240-2	123	1568
Rotary engine.	T. T. Bevan.	827,605	July 31	6021	1253	123	1577
Rotary engine.	O. Williams.	828,259	Aug. 7	1098	231-3	123	1938
Rotary engine.	O. Williams.	828,260	Aug. 7	1105	233	123	1939
Rotary engine.	E. N. Mollier and E. E. Marinier.	828,417	Aug. 14	1457	307-8	123	2058
Rotary engine.	R. M. Blackmer.	828,703	Aug. 14	2025	427	123	2203
Rotary engine.	H. I. Call.	828,712	Aug. 14	2041	431	123	2207
Rotary engine.	C. Luker.	828,943	Aug. 21	2506	530-1	123	2357
Rotary engine.	J. F. Bridges.	828,997	Aug. 21	2612	551	123	2382
Rotary engine.	L. Abbott.	829,499	Aug. 28	3693	779-80	123	2699
Rotary engine.	T. Davis.	829,853	Aug. 28	4434	936-7	123	2881
Rotary engine.	C. W. Tandy, Jr.	830,023	Sept. 4	221	42-3	124	55
Rotary engine.	E. J. Weeks.	830,123	Sept. 4	451	91	124	114
Rotary engine.	E. J. Weeks.	830,124	Sept. 4	454	91	124	114
Rotary engine.	J. W. Stodders.	830,621	Sept. 11	1475	305-6	124	396
Rotary engine.	J. Rodberg.	830,673	Sept. 11	1588	327-8	124	426
Rotary engine.	E. Taylor.	831,120	Sept. 18	2475	523-4	124	678
Rotary engine.	H. L. Wilson.	831,255	Sept. 18	2729	575	124	740
Rotary engine.	F. S. Sullivan.	831,754	Sept. 25	3734	781-2	124	1038
Rotary engine.	J. S. Hillyer.	832,190	Oct. 2	346	64	124	1296
Rotary engine.	P. H. Hendrickson.	832,479	Oct. 2	922	180	124	1434
Rotary engine.	P. H. Hendrickson.	832,480	Oct. 2	924	180-1	124	1434
Rotary engine.	F. Le Valley and J. W. Shiffer.	832,739	Oct. 9	1448	232	124	1601
Rotary engine.	H. L. Witham.	832,830	Oct. 9	1642	337-8	124	1646
Rotary engine.	T. Croston.	832,848	Oct. 9	1675	345	124	1655
Rotary engine.	O. Akerberg.	833,107	Oct. 9	2173	457-8	124	1777
Rotary engine.	W. O. Blackmun.	833,292	Oct. 16	2579	539	124	1930
Rotary engine.	J. F. Cooley.	833,676	Oct. 16	3348	712-13	124	2114
Rotary engine.	H. Tuttle.	834,033	Oct. 23	4261	903-4	124	2380
Rotary engine.	C. J. Duncan.	834,049	Oct. 23	4289	910	124	2387
Rotary engine.	J. A. Carter.	834,260	Oct. 30	4769	1008-9	124	2554
Rotary engine.	P. J. D. Kops.	834,478	Oct. 30	5178	1100	124	2656
Rotary engine.	P. J. D. Kops.	834,528	Oct. 30	5269	1119-20	124	2681
Rotary engine.	S. Lach.	834,675	Oct. 30	5569	1182	124	2756
Rotary engine.	E. D. and E. A. E. Mousseau.	835,030	Nov. 6	310	66	125	80
Rotary engine.	M. Angermann.	836,430	Nov. 20	3053	648-9	125	852
Rotary engine.	E. G. Kesling.	836,768	Nov. 27	3733	795-6	125	1054
Rotary engine.	W. H. Downing.	837,202	Nov. 27	4612	978-81	125	1270
Rotary engine.	C. A. Kaiser.	837,843	Dec. 4	1116	248-9	125	1631
Rotary engine.	W. A. Kelso.	838,029	Dec. 11	1491	321-2	125	1768
Rotary engine.	S. S. Sadorus.	838,460	Dec. 11	2370	514	125	1986
Rotary engine.	M. L. Williams.	838,928	Dec. 18	3242	701	125	2240
Rotary engine.	C. McQuown.	839,022	Dec. 18	3408	735-6	125	2282
Rotary engine.	J. Isakson.	839,764	Dec. 25	4947	1056	125	2706
Rotary engine and motor.	M. S. Okun.	813,018	Feb. 20	2990	659	120	2227
Rotary engine, Compound.	W. J. Artibe.	821,603	May 29	5260	1121	122	1403
Rotary engine, Eccentric-cylinder.	G. W. Stanford and L. F. Smith.	830,461	Sept. 4	1132	237	124	279
Rotary engine, Multiple-expansion.	A. I. Ostrander.	813,819	Feb. 27	4572	1011	120	2628
Rotary engine, Reciprocating.	F. W. Reeves.	812,327	Feb. 13	2029	445-6	120	1981
Rotary engine, Reversible.	R. N. Story.	835,830	Nov. 6	911	193-4	125	230
Rotary engine, Self-governing.	H. E. Marsh.	837,699	Dec. 4	851	192-3	125	1566
Rotary engine trailing cylinder-head.	H. A. King.	818,029	Apr. 17	2959	639	121	2120
Rotary engine, Twin-head.	H. A. King.	813,974	Feb. 27	4887	1080	120	2693
Rotary explosion-engine.	F. Bartoletti.	810,366	Jan. 16	3567	733-4	120	863
Rotary explosive-engine.	F. Reynolds.	810,435	Jan. 23	3748	771-2	120	937
Rotary explosive-engine.	W. M. Jewell.	822,952	June 12	1430	298-9	122	2086
Rotary explosive-engine.	H. L. Maillard.	824,559	June 26	4626	983-4	122	2896
Rotary explosive-engine.	B. F. Walker.	835,483	Nov. 6	1202	260	125	302
Rotary explosive-engine, Multiple-cylinder.	B. F. Walker.	835,537	Nov. 6	927	196-7	125	234
Rotary explosive-motor.	S. Denton and E. S. Veen.	827,511	July 31	5844	1210-11	123	1534
Rotary gas-engine.	J. O. E. Krohn.	839,300	Dec. 25	4005	860	125	2475
Rotary kiln.	O. Gerlach.	821,355	May 22	4764	1013	122	1240
Rotary kiln.	P. O. Krottnaurer.	828,555	Aug. 14	1747	367	123	2132
Rotary kiln.	W. R. Warren.	839,053	Dec. 18	3471	749	125	2299
Rotary machine.	D. Appel.	826,985	July 24	4652	968-9	123	1226
Rotary motor.	I. H. Spencer.	809,637	Jan. 9	2089	433	120	490
Rotary motor.	J. K. Broderick.	816,147	Mar. 27	4397	929-30	121	1115
Rotary motor.	P. Ellis.	823,717	June 19	2992	633-4	122	2486
Rotary motor.	A. P. Hanscom.	825,387	July 10	1410	297	123	384
Rotary motor.	A. Primat.	829,231	Aug. 21	3116	655-6	123	2512
Rotary motor.	F. C. Kummerow.	830,334	Sept. 4	869	178	124	216
Rotary motor.	L. Errani and L. Guérin.	833,031	Oct. 9	2022	425	124	1738

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Rotary motor.	S. M. Atkins.	834,651	Oct. 30	5523	1173	124	2744
Rotary motor.	H. G. Leopold.	834,819	Oct. 30	5865	1243	124	2830
Rotary motor.	A. E. Stoker.	835,045	Nov. 6	335	71	125	86
Rotary motor or turbine.	C. S. Dean.	838,088	Dec. 11	1628	351	125	1804
Rotary oscillating reciprocating engine.	W. D. Williams.	835,741	Nov. 13	1690	350-60	125	470
Rotary reciprocating engine.	M. J. Hinden.	838,713	Dec. 18	2852	614	125	2148
Rotary steam-engine.	C. A. Kaiser.	834,737	Oct. 30	5683	1206	124	2785
Rotatable-grate furnace.	A. H. L. Hallaschka and K. A. Grimm.	835,022	Nov. 6	295	64	125	77
Rotating masses. Means for automatically balancing.	J. V. Booraem.	829,251	Aug. 21	3164	666	123	2524
Rotating motor.	H. J. Dabonville.	833,588	Oct. 16	3193	678	124	2077
Rough-rounding and channeling machine.	W. S. Brainerd.	808,628	Jan. 2	16	4	120	6
Roundabout.	E. Donaldson.	813,623	Feb. 27	4210	925-6	120	2550
Roundabout.	G. Leinert.	815,103	Mar. 13	2205	464-5	121	535
Roundabout.	G. Hermann.	820,111	May 8	2229	484	122	560
Roundabout.	C. H. Ware and C. M. Holmes.	822,876	June 5	1277	264	122	2005
Roundabout.	H. G. Traver.	830,688	Sept. 11	1622	335	121	436
Roundabout.	I. J. Hess.	831,161	Sept. 18	2546	536-7	124	695
Roundabout.	H. S. Maxim.	831,366	Sept. 18	2949	625-6	124	796
Roundabout.	M. J. Doner.	836,016	Nov. 13	2184	468	125	587
Roundabout.	A. Davidson.	837,803	Dec. 4	1040	232	125	1611
Roundabout. Aquatic.	I. Sutherland.	836,614	Nov. 20	3384	721	125	931
Route-box.	G. A. Steiner.	832,756	Oct. 9	1484	298	124	1611
Router attachment.	V. Royle.	824,952	July 3	551	109	123	147
Routing-rack.	G. W. Hurd.	838,543	Dec. 18	2532	548	125	2069
Rowing apparatus.	J. H. Rae.	831,298	Sept. 18	2823	596	124	764
Rowing mechanism. Bow-facing.	D. R. Sheen.	817,810	Apr. 17	2507	537	121	2018
Rowing mechanism. Bow-facing.	D. R. Sheen.	826,693	July 24	4100	851	123	1090
Rubber.	L. Perotti.	826,740	July 24	4190	870	123	1110
Rubber and ebonite. Treatment and utilization of waste vulcanized.	V. de Karavodine.	838,419	Dec. 11	2293	.....	125	1967
Rubber and fiber containing bodies. Preparing.	F. M. Ekert.	836,068	Nov. 13	2278	.....	125	611
Rubber and for their repair. Manufacture of articles in.	A. S. Bowley.	836,083	Nov. 20	2314	490-1	125	675
Rubber and the like from wood. Extracting.	A. V. de la Corte.	814,675	Mar. 13	1361	285	121	356
Rubber articles. Hard.	W. R. Sine.	831,998	Sept. 25	4229	884	124	1162
Rubber articles. Making hollow hard.	W. W. Weitling.	827,277	July 31	5295	1098	123	1401
Rubber balloon-bag.	H. B. Faber and H. E. Seal.	824,071	June 19	3660	779	122	2632
Rubber balls. Making hard.	M. E. Fisher.	810,740	Jan. 23	4328	.....	120	1068
Rubber boot.	C. M. Hannis.	822,366	June 5	271	57	122	1785
Rubber boot.	F. F. Schaffer.	822,692	June 5	937	191	122	1936
Rubber-cutting machine.	C. L. Higgins.	835,522	Nov. 13	1285	275-6	125	369
Rubber-dam adjuster.	T. F. Kennedy.	835,358	Nov. 6	968	206	125	245
Rubber-dam clamp and holder. Combined.	H. J. Hansen.	827,236	July 31	5218	1083	123	1384
Rubber-dam or bib holder.	H. A. Hughes.	835,432	Nov. 6	1128	243	125	283
Rubber. Devulcanizing india-	C. A. R. Steenstrup.	830,260	Sept. 4	736	.....	124	185
Rubber. Dissolving and regenerating.	P. Alexander.	821,394	May 22	4854	.....	122	1259
Rubber footwear.	P. M. MacKaskie.	825,851	July 10	2403	501	123	633
Rubber footwear. Apparatus for manufacturing.	M. C. Clark.	823,923	June 19	3377	720-1	122	2572
Rubber footwear. Manufacture of.	M. C. Clark.	823,925	June 19	3381	721	122	2573
Rubber from canvas, metal, and other material. Apparatus for separating.	H. Penther.	816,735	Apr. 3	359	82-3	121	1439
Rubber from rubber-plants. Extraction of pure raw.	K. von Stechow.	814,407	Mar. 6	838	.....	121	182
Rubber from rubber waste. Recovering.	W. A. Kōneman.	823,053	June 12	1645	.....	122	2136
Rubber from rubber waste. Recovering.	W. A. Kōneman.	834,623	Oct. 30	5472	.....	124	2731
Rubber heel for boots and shoes.	C. Yahraus and F. A. Hammer.	817,355	Apr. 10	1598	338	121	1770
Rubber heels to boots and shoes. Device for detachably securing.	N. P. Bolin.	811,365	Jan. 30	5586	1166	120	1372
Rubber hose. Making.	W. H. Adams.	834,351	Oct. 30	4931	.....	124	2595
Rubber-like gum.	B. F. Spencer.	834,769	Oct. 30	5770	.....	124	2806
Rubber nipples and the like. Manufacturing.	E. J. Sonn.	821,066	May 22	4191	890	122	1111
Rubber. Purifying.	F. C. Hood.	821,717	May 29	5497	1171-2	122	1455
Rubber-reclaiming apparatus. Waste-	E. R. Solliday.	838,756	Dec. 18	2926	630-1	125	2165
Rubber sheeting. Producing elastic and scented.	W. F. A. Schrader.	822,309	June 5	172	.....	122	1766
Rubber shoe sole and heel.	F. C. Connor.	812,484	Feb. 13	1943	429	120	1962
Rubber shoes. Machine for varnishing.	C. Lakin.	826,258	July 17	3180	659-60	123	836
Rubber shoes. Securing device for.	C. A. Woollen.	820,033	May 8	2060	450	122	521
Rubber soles on shoes. Mechanism for molding and vulcanizing.	T. Miller.	817,791	Apr. 17	2471	528	121	2011
Rubber soles or similar articles. Machine for cutting out.	A. N. Hood.	835,430	Nov. 6	1125	242-3	125	283
Rubber sponge.	G. M. G. Weston.	837,759	Dec. 4	963	217	125	1594
Rubber. Transferring embossed designs to.	J. J. Voorhees.	825,565	July 10	1807	.....	123	483
Rubber tubing. Striped.	J. L. Mahoney.	817,079	Apr. 3	1045	217	121	1590
Rubber warming and mixing mill.	C. F. Obermaier.	827,936	Aug. 7	476	98	123	1791
Rubber-washing machine.	F. C. Hood.	821,716	May 29	5495	1170-1	122	1454
Rubber waste. Reclaiming vulcanized-	A. Kittel.	825,060	July 3	744	.....	123	199
Rubber waste. Treating vulcanized-	W. A. Kōneman.	823,054	June 12	1648	.....	122	2136
Rubbing and polishing machine.	J. W. Maddox.	822,461	June 5	446	90-1	122	1822
Rubbing and polishing machine.	C. S. Yarnell.	829,191	Aug. 21	3044	637-8	123	2495
Rudder.	G. T. Arnold.	812,161	Feb. 6	1287	281-2	120	1751
Rudder. Auxiliary.	W. M. Taylor.	818,315	Apr. 17	3527	756	121	2240
Rudder. Auxiliary.	W. M. Taylor.	836,543	Nov. 20	3262	694	125	903
Rudder. Jury-	R. Olsen.	835,800	Nov. 13	1816	384	125	502
Ruffer.	A. G. Lamb.	830,508	Sept. 11	1236	257	124	333
Ruffling and sewing machine.	A. H. De Voe.	837,668	Dec. 4	782	179-80	125	1547
Rug-fastener.	T. J. McDonagh.	831,179	Sept. 18	2584	545	124	704
Rug-holder.	E. H. Bailey.	833,571	Oct. 16	3160	672	124	2070
Rule.	O. E. Wycoff.	817,401	Apr. 17	3697	794	121	2276
Rule.	H. D. Hagerman.	831,859	Sept. 25	3960	827	124	1093
Rule.	J. Bender.	838,371	Dec. 11	2195	476	125	1941
Rule and level. Plumb.	J. Morrison.	826,182	July 17	3033	628	123	803
Rule and square. Combined.	C. V. Green.	814,690	Mar. 13	1407	293	121	367
Rule attachment.	J. Kralund.	811,070	Jan. 30	4993	1042	120	1245
Rule attachment.	J. Kralund.	839,604	Dec. 25	4607	983	125	2622

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Rule. Bevel-square.	T. S. Ross.	818,051	Apr. 17	2995	647	121	2127
Rule-clamp.	J. T. Moyer.	814,722	Mar. 13	1461	306	121	379
Rule. Combination.	J. E. Huey.	824,299	June 26	4084	873	122	2781
Rule. Combination.	E. P. Johnson.	832,483	Oct. 2	929	182	124	1435
Rule. Engineer's slide.	W. F. Doherty.	838,696	Dec. 18	2829	608	125	2142
Rule. Folding.	J. A. Traut.	827,480	July 31	5786	1200	123	1520
Rule. Garment-designing curve.	E. L. Phelps.	812,874	Feb. 20	2707	596	120	2165
Rule holder. Pocket.	R. D. Fassett.	816,544	Mar. 27	5220	1107	121	1293
Rule. Jointed.	D. J. Brennan.	812,010	Feb. 6	974	213	120	1687
Rule-marker.	J. L. Gastineau.	823,406	June 12	2362	497	122	2290
Rule. Measuring.	R. Morehouse.	827,932	Aug. 7	471	97	123	1789
Rule. Open double plumb.	A. Vreeland.	815,570	Mar. 20	3186	669-70	121	801
Rule or gage.	R. W. Douglas.	815,944	Mar. 27	3971	841	121	1022
Rule. Slide.	B. D. Coppage.	813,485	Feb. 27	3935	864	120	2490
Rule, try-square, and calipers. Combined.	E. L. Hoy.	827,239	July 31	5223	1085	123	1384
Ruler.	E. R. Pierson.	825,934	July 17	2564	532	123	685
Ruler.	G. Hay, Jr.	832,382	Oct. 2	732	142	124	1388
Ruler and blotter. Combined.	I. I. Sides.	827,574	July 31	5967	1238	123	1565
Ruler. Blotting.	G. W. MacKenzie.	811,311	Jan. 30	5483	1143	120	1350
Ruler. Folding.	G. C. Gillespie.	821,356	May 22	4766	1013-14	122	1240
Ruler. Parallel.	I. M. Hofstad.	823,865	June 19	3272	694	122	2549
Ruling device.	D. P. Shankwiler.	810,356	Jan. 16	3547	730	120	858
Ruling-machine.	F. E. Rudolph.	811,331	Jan. 30	5522	1151	120	1358
Ruling machine. Paper.	C. F. Taylor.	822,404	June 5	335	69-70	122	1799
Running-gear.	J. W. Gardner.	831,716	Sept. 25	3681	770	124	1026
Running-gear.	F. D. Lingenfelter.	810,160	Jan. 16	3122	646	120	767
Sacharine liquids. Defecating.	F. L. Stewart.	829,678	Aug. 28	4068	936	123	2793
Sack.	G. Leue.	821,177	May 22	4400	597	122	1158
Sack-cleaning machine.	F. J. Wolff.	815,396	Mar. 20	2873	597	121	733
Sack-filler.	H. E. Moseley.	811,653	Feb. 6	229	49	120	1535
Sack-filling machine.	J. J. Ferguson and S. P. Oswald.	812,335	Feb. 13	1662	365-6	120	1904
Sack folding and securing machine.	E. G. Staude.	819,466	May 1	858	185-8	122	192
Sack or bag and making the same. Seamless-bottom.	K. Sano.	822,081	May 29	6186	1318	122	1612
Sack tie. Grain.	W. T. Oxley.	828,240	Aug. 7	1077	226	123	1933
Sad-iron.	F. W. Kellerman.	815,296	Mar. 13	2592	545-6	121	624
Sad-iron.	J. L. Poalk.	815,634	Mar. 20	3315	695	121	830
Sad-iron.	J. M. Harper.	820,643	May 15	3258	700	122	845
Sad-iron.	L. Rosenbaum.	823,190	June 12	1941	401	122	2201
Sad-iron.	J. W. Ferguson.	826,415	July 17	3471	721	123	908
Sad-iron.	A. J. Farrell.	826,554	July 24	3828	793	123	1018
Sad-iron.	J. Ecker.	828,023	Aug. 7	672	138	123	1837
Sad-iron.	R. F. Hostin.	828,851	Aug. 14	2312	492	123	2275
Sad-iron.	H. Wonderlich.	829,615	Aug. 28	3943	835	123	2762
Sad-iron.	G. O. Brager.	831,410	Sept. 18	3020	642	124	814
Sad-iron.	E. Smith.	833,943	Oct. 23	3950	839	124	2310
Sad-iron.	W. E. Hoyt.	838,997	Dec. 18	3366	726-7	125	2271
Sad-iron handle.	C. Winter.	811,020	Jan. 30	4913	1025	120	1228
Sad-iron heater.	V. W. Blanchard.	834,182	Oct. 23	4589	973	124	2464
Sad-iron holder.	G. Ulett.	814,253	Mar. 6	499	103	121	107
Sad-iron-polishing machine.	O. Tverdahl.	808,786	Jan. 2	333	71-2	120	74
Sad-iron rest.	C. P. Mosher.	831,456	Sept. 18	3114	659	124	839
Sad-iron. Self-heating.	R. Wuffli.	824,897	July 3	447	88	123	120
Saddle.	G. C. Cox.	827,506	July 31	5836	1209	123	1533
Saddle.	E. M. Turner.	830,114	Sept. 4	414	85	124	101
Saddle adjusting itself automatically in two directions.	C. Szameitat.	821,135	May 22	4332	921	122	1142
Saddle attachment.	W. O'Neill.	819,247	May 1	426	89	122	100
Saddle attachment for harness.	J. Bloedel.	824,231	June 26	3964	849	122	2756
Saddle. Gig.	H. Van Lengen.	832,351	Oct. 2	668	128	124	1373
Saddle. Harness.	J. W. Gardner.	815,917	Mar. 20	3927	831	121	960
Saddle. Harness.	G. L. Forman.	816,450	Mar. 27	5024	1067	121	1248
Saddle. Harness.	J. Mosher.	819,446	May 1	829	179	122	186
Saddle-post.	W. G. Schaeffer.	815,475	Mar. 20	3013	628	121	764
Saddle. Riding.	P. H. Fontaine.	809,179	Jan. 2	1093	227	120	240
Saddle tree or frame.	R. Guilleaume.	809,370	Jan. 9	1534	311	120	372
Saddles and back-bands. Pad for gig.	A. G. Eichhorn.	823,590	June 19	2755	584	122	2434
Saddletree. Riding and driving.	R. A. C. Russell.	820,136	May 8	2273	494	122	570
Safe.	S. A. Ely.	827,351	July 31	5436	1129-30	123	1436
Safe and desk. Combination.	H. Reinke.	835,555	Nov. 13	1346	289	125	383
Safe-bolt-actuating mechanism.	E. A. Strauss.	827,999	Aug. 7	616	126	123	1823
Safe. Burglar-proof.	J. H. Howard.	819,430	May 1	801	172	122	180
Safe. Coin.	W. T. Gordon.	836,318	Nov. 20	2822	599	125	799
Safe-door-locking mechanism.	O. Price.	826,607	July 24	3944	817-18	123	1048
Safe or vault.	W. Brinton and W. Gaston.	832,838	Oct. 9	1658	341-2	124	1650
Safe or vault.	J. B. Hain.	837,825	Dec. 4	1076	240	125	1621
Safe or vault door bolt construction.	J. H. Williams.	816,519	Mar. 27	5166	1096	121	1280
Safe or vault door bolting mechanism.	O. Price.	821,740	May 29	5537	1180-1	122	1463
Safe or vault door seating machine.	H. D. Hibbard.	817,774	Apr. 17	2420	518	121	2000
Safe-plate-forming machine.	J. Baum and F. J. Nutting.	824,613	June 26	4734	1009	122	2919
Safe. Provision.	H. Nelson.	836,648	Nov. 20	3451	737	125	947
Safe, vault, &c.	T. H. Holstein.	823,334	June 12	2241	467-8	122	2265
Safe, vault, &c.	E. E. Watson.	825,253	July 3	1117	237	123	291
Safes or vaults. Making.	W. Brinton.	813,394	Feb. 20	3734	821	120	2385
Safety apparatus.	J. Barberie.	825,289	July 10	1189	252	123	328
Safety appliance.	H. W. Morris.	839,404	Dec. 25	4202	900-1	125	2524
Safety-box.	I. J. Westby.	822,032	May 29	6091	1297-8	122	1589
Safety-brake for tread-powers. Automatic.	R. H. Ling.	833,067	Oct. 9	2101	442	124	1759
Safety device.	W. Hanke.	810,938	Jan. 30	4760	991	120	1193
Safety device.	G. H. Hill.	831,071	Sept. 18	2372	499	124	657
Safety device.	A. C. Parker.	833,694	Oct. 16	3401	725	124	2125
Safety-gate.	A. Eagle.	826,924	July 24	4551	947	123	1202
Safety-gate for hoists.	D. Powner and T. C. Thompson.	824,381	June 26	4255	906	122	2815
Safety-hook.	G. Falk and W. H. Parker.	810,928	Jan. 30	4737	988	120	1189
Safety-hook.	M. C. Horton.	825,391	July 10	1418	296	123	387
Safety-lock.	P. Lievens and G. Jahn.	834,310	Oct. 30	4859	1026	124	2575

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Safety-pin.....	W. W. Brown.....	818,998	Apr. 24	4889	1049	121	2589
Safety-pin.....	T. S. Carroll.....	820,382	May 8	2744	597	122	673
Safety-pin.....	C. W. Engel.....	823,268	June 12	2118	442	122	2239
Safety-pin.....	J. C. Traill.....	823,905	June 19	3348	713	122	2566
Safety-pin.....	C. A. Bryant.....	825,579	July 10	1838	391	123	491
Safety-pin. Pocket.....	B. Almy.....	822,335	June 5	221	45	122	1774
Safety-seat.....	W. H. A. Lewis.....	823,690	June 19	2947	623-4	122	2477
Safety-switch.....	W. R. Cochran, Jr.....	838,082	Dec. 11	1616	348-9	125	1800
Safety-switch.....	W. R. Cochran, Jr.....	838,084	Dec. 11	1620	349-50	125	1801
Safety-trip.....	J. W. Gray.....	838,980	Dec. 18	3324	719	125	2260
Sails. Device for bending fore-and-aft.....	J. H. Mitchell.....	810,787	Jan. 23	4431	920	120	1089
Sails. Reefing.....	M. Tornow.....	834,692	Oct. 30	5600	1188	124	2764
Sales-check holder.....	E. D. McKenna.....	828,044	Aug. 7	705	146	123	1845
Sales-pad holder.....	A. E. Landon.....	812,658	Feb. 13	2289	498	120	2030
Sales-slips. Case for duplicate.....	C. C. Mumim, E. C. Quimby, and C. Anderson.....	822,899	June 5	1326	274	122	2015
Saliva-ejector.....	H. S. Davis.....	818,940	Apr. 24	4777	1026	121	2564
Salt and pepper shaker.....	G. H. Hodgson.....	837,064	Nov. 27	4359	924	125	1208
Salt-shaker.....	C. R. Gilbert.....	817,844	Apr. 17	2575	554	121	2034
Salt-shaker.....	G. J. Vester.....	822,638	June 5	824	168	122	1909
Salt-shaker.....	J. M. Gallisath.....	836,748	Nov. 27	3710	792	125	1049
Salts. Making phenylglycin.....	W. Behaghel and G. K. Schumann.....	818,341	Apr. 17	3577	1139	121	2250
Salver or tray.....	R. R. Kintz.....	811,299	Jan. 30	5464	1139	120	1346
Sample. Salesman's.....	H. E. Bodine.....	832,585	Oct. 9	1142	228	124	1529
Sampler for sampling sands in cyanid-tanks and other material.....	O. P. Ankeny.....	828,527	Aug. 14	1688	356	123	2116
Sand and gravel assorter and washer.....	P. P. Chmieleff.....	833,579	Oct. 16	3176	674-5	124	2074
Sand and slime separator.....	D. J. Kelly.....	815,095	Mar. 13	2186	461	121	531
Sand, &c. Apparatus for grinding or crushing foundry-dry.....	P. Bonvillain.....	810,904	Jan. 30	4675	974-5	120	1174
Sand-blast apparatus.....	J. D. Murray.....	818,776	Apr. 24	4475	959	121	2499
Sand-blast apparatus.....	H. Luckenbach.....	822,379	June 5	296	61	122	1790
Sand-blast apparatus.....	C. A. Loughnan and K. Hess.....	834,067	Oct. 23	4334	921	124	2398
Sand-blast machine.....	C. A. P. Hess.....	821,415	May 22	4895	1040	122	1268
Sand-blast mechanism.....	F. K. Vial.....	839,342	Dec. 25	4082	876-7	125	2494
Sand-blast nozzle.....	W. H. Kelly.....	839,483	Dec. 25	4372	935	125	2564
Sand-drier.....	S. A. Wilson and E. A. Bronson.....	813,191	Feb. 20	3336	734	120	2302
Sand-drier.....	F. M. Schaeffer.....	822,022	May 29	6069	1293-4	122	1584
Sand-drier.....	G. L. Webb.....	834,781	Oct. 30	5797	1230	124	2813
Sand-drier and screen. Combined.....	L. Elkus.....	832,961	Oct. 9	1897	394	124	1708
Sand-feeder.....	C. R. Knapp and V. Mulholland.....	827,450	July 31	5670	1175	123	1492
Sand-making apparatus. Artificial.....	G. K. Hamfeldt and D. Cubbage.....	812,650	Feb. 13	2278	495	120	2028
Sand-mixer.....	W. G. Stockham.....	827,710	June 19	2979	630	122	2483
Sand-mold-making machine.....	H. Karow.....	828,214	Aug. 7	1025	215-16	123	1921
Sand or clay screen.....	L. P. Shafer and C. Davis.....	810,682	Jan. 23	4226	875	120	1045
Sand-reel.....	J. C. Knupp and J. G. Greene.....	810,490	Jan. 23	3858	793	120	964
Sand-washing machine.....	R. O. Bidwell.....	810,251	Jan. 16	3322	689	120	807
Sander.....	S. T. Simmons and W. T. Moore.....	810,309	Jan. 16	3449	713	120	836
Sander.....	G. E. Cummins and H. S. Ferguson.....	831,837	Sept. 25	3897	817	124	1079
Sander. Pneumatic.....	J. J. Morgan.....	831,970	Sept. 25	4185	873-4	124	1150
Sanding and polishing machine.....	D. T. Clemons.....	810,037	Jan. 16	2875	594	120	716
Sanding device.....	E. V. Planta.....	830,525	Sept. 11	1272	264	124	341
Sanding device.....	J. W. Poizey.....	834,116	Oct. 23	4448	945	124	2426
Sanding-machine.....	E. Tyden.....	830,116	Sept. 4	433	87-8	124	108
Sanding-tool.....	E. K. McCoy.....	819,578	May 1	1062	233-4	122	239
Sandpaper-holder.....	R. A. Seaborn.....	838,465	Dec. 11	2377	515	125	1988
Sandpapering-machine.....	A. B. Denson.....	812,119	Feb. 6	1162	256	120	1725
Sandpapering-machine.....	H. F. Holtmann.....	824,482	June 26	4472	948	122	2862
Sandpapering-machine.....	E. J. Bein.....	833,726	Oct. 23	3460	738-9	124	2185
Sanitary appliance.....	R. A. Sonn.....	826,377	July 17	3406	706	123	892
Sanitary house.....	E. J. Noblett.....	827,030	July 24	4738	988-90	123	1246
Sap-collector.....	V. P. McVoy.....	834,841	Oct. 30	5914	1253	124	2843
Sap-collector. Vacuum.....	V. P. McVoy.....	833,081	Oct. 9	2125	447	124	1766
Sap. Extracting.....	V. P. McVoy.....	832,405	Oct. 2	777	124	1400	
Sap-receiving receptacle.....	E. A. McCoy.....	818,278	Apr. 17	3449	742	121	2224
Sap-receiving receptacle and support therefor.....	E. A. McCoy.....	825,237	July 3	1090	230	123	284
Sap-receptacle.....	M. S. Moremen.....	832,496	Oct. 2	960	191	124	1443
Sardine-can. Tongueless key-opening.....	H. B. Williams.....	834,178	Oct. 23	4581	971	124	2462
Sash adjuster. Window.....	H. Bowers.....	812,808	Feb. 20	2569	565	120	2134
Sash-adjuster.....	H. E. Keeler.....	816,916	Apr. 3	732	151	121	1521
Sash and door lock.....	F. E. Busch.....	822,505	June 5	534	110	122	1843
Sash and frame. Metallic window.....	J. Tyra.....	816,690	Apr. 3	289	67-8	121	1424
Sash and shutter lock. Combined.....	W. B. Thomas.....	828,349	Aug. 14	1331	281	123	2025
Sash and tightener. Window.....	F. Schaetzke.....	828,513	Aug. 14	1657	349	123	2110
Sash-balance.....	H. A. Crommett.....	809,783	Jan. 9	2360	487	120	552
Sash-balance.....	C. Launer.....	817,491	Apr. 10	1884	397	121	1829
Sash-balance.....	F. A. Blickley.....	822,717	June 5	985	200	122	1945
Sash-balance.....	J. L. Best.....	838,515	Dec. 18	2478	538	125	2056
Sash-balance. Adjustable.....	E. M. Erb.....	820,962	May 22	3972	844	122	1065
Sash-balance. Adjustable spring.....	S. H. Law.....	826,516	July 17	3725	772	123	978
Sash-balance and lock. Combined.....	J. H. Corcoran.....	811,382	Jan. 30	5616	1175	120	1379
Sash balance. Window.....	J. G. Hall.....	835,788	Nov. 13	1791	380	125	496
Sash-bar.....	J. P. Comstock.....	819,854	May 8	1634	348-9	122	430
Sash-bar.....	F. B. Phillips and J. Kessler.....	832,208	Oct. 2	389	72	124	1307
Sash-center.....	C. J. Caley.....	817,220	Apr. 10	1337	279	121	1716
Sash check or lock.....	I. G. Sigler.....	833,900	Oct. 23	3865	821	124	2288
Sash-closing device.....	E. L. Charroin.....	837,194	Nov. 27	4600	976	125	1267
Sash-controlling mechanism.....	J. C. Lodor.....	830,604	Sept. 11	1432	298	124	382
Sash-cord fastener.....	H. Hansen.....	815,587	Mar. 20	3216	676	121	808
Sash-cord fastener.....	L. H. Broome.....	816,039	Apr. 3	981	201	121	1577
Sash-cord fastener.....	E. Belanger.....	831,925	Sept. 25	4105	855	124	1130
Sash-cord fastener. Window.....	C. J. Weinman.....	816,283	Mar. 27	4654	988	121	1171
Sash-cord guide.....	E. B. Miller and P. C. Sayger.....	831,796	Sept. 25	3816	799	124	1060
Sash, doors, &c. Fastener for window.....	O. A. Dahl.....	821,090	May 22	4241	902	122	1122
Sash-fastener.....	J. W. Staton.....	811,803	Feb. 6	507	113	120	1594

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sash-fastener.....	C. H. Sneider.....	815,483	Mar. 20	3023	631	121	766
Sash-fastener.....	A. Kissinger.....	815,537	Mar. 20	3131	655	121	789
Sash-fastener.....	D. G. Saunders, Jr.....	817,521	Apr. 10	1941	410	121	1842
Sash-fastener.....	F. K. Heupel.....	817,712	Apr. 10	2270	489	121	1910
Sash-fastener.....	C. G. Seaman.....	818,303	Apr. 17	3502	752	121	2235
Sash-fastener.....	J. A. Winn.....	822,417	June 5	361	75	122	1804
Sash-fastener.....	F. Sieder.....	822,696	June 5	942	192	122	1937
Sash-fastener.....	G. W. and G. P. Miller.....	824,667	June 26	4831	1030	122	2940
Sash-fastener.....	C. G. Taylor.....	825,013	July 3	669	135	123	175
Sash-fastener.....	I. A. Shaw.....	825,768	July 10	2258	469	123	506
Sash-fastener.....	D. G. Saunders, Jr.....	827,184	July 31	5130	1065	123	1362
Sash-fastener.....	C. K. Holmes.....	827,370	July 31	5472	1136	123	1444
Sash-fastener.....	J. S. Flanders.....	834,716	Oct. 30	5652	1199	124	2778
Sash-fastener.....	J. O. Fox.....	836,313	Nov. 20	2815	597	125	798
Sash-fastener.....	N. Johnson.....	836,976	Nov. 27	4165	888	125	1161
Sash-fastener.....	G. A. Plinos.....	837,501	Dec. 4	438	99	125	1465
Sash-fastener.....	H. S. Dotts.....	839,370	Dec. 25	4135	887	125	2508
Sash fastener. Storm.....	E. Hubbell.....	826,573	July 21	3869	800	123	1028
Sash fastener. Window.....	C. B. Warren and D. E. Myers.....	814,177	Mar. 6	341	70	121	74
Sash fastener. Window.....	D. L. McKinney and G. W. Henderson.....	816,116	Mar. 27	4337	919	121	1102
Sash fastener. Window.....	H. L. Benner.....	820,617	May 15	3220	692	122	837
Sash fastener. Window.....	B. F. Cline.....	821,337	May 22	4717	1004-5	122	1227
Sash fitting. Window.....	T. W. Messenger.....	834,677	Oct. 30	5573	1183	124	2757
Sash frame. Window.....	J. Muir.....	820,885	May 15	3788	808	122	962
Sash-holder.....	A. A. Quick.....	810,302	Jan. 16	3438	710	120	834
Sash-holder.....	A. A. Jones.....	812,136	Feb. 6	1195	262	120	1733
Sash-holder.....	D. P. Trump and B. M. Grimes.....	814,892	Mar. 13	1776	372	121	446
Sash-holder.....	A. Tobey.....	817,681	Apr. 10	2223	475-6	121	1901
Sash-holder.....	W. A. Ralston.....	819,453	May 1	839	181	122	188
Sash-holder.....	M. J. Barnett.....	831,206	Sept. 18	2632	553	124	714
Sash-holder.....	J. Sawyer.....	832,505	Oct. 2	973	194	124	1446
Sash-holder.....	D. W. Nuttall.....	835,978	Nov. 13	2123	456	125	572
Sash holder and fastener.....	G. H. Akridge.....	823,659	June 19	2894	612	122	2467
Sash holder and lock.....	A. J. McCord.....	818,547	Apr. 24	3999	858	121	2394
Sash holder. Window.....	E. A. Hyde.....	811,402	Jan. 30	5651	1183	120	1386
Sash holder. Window.....	W. F. Evans.....	822,934	June 12	1398	293	122	2079
Sash-holding device.....	W. M. Ducker.....	828,099	Aug. 7	827	171	123	1875
Sash lift and lock.....	W. J. Byrnes.....	834,886	Nov. 6	17	3	125	7
Sash-lock.....	C. B. Conant.....	808,815	Jan. 2	378	82	120	84
Sash-lock.....	C. M. Evans.....	810,110	Jan. 16	3025	629	120	751
Sash-lock.....	J. Power.....	812,229	Feb. 13	1452	317	120	1857
Sash-lock.....	W. A. Douglas.....	815,803	Mar. 20	3691	778	121	910
Sash-lock.....	F. M. Coleman.....	816,780	Apr. 3	452	102	121	1457
Sash-lock.....	R. D. Logan.....	820,223	May 8	2434	527	122	605
Sash-lock.....	W. Hinchliffe.....	820,868	May 15	3727	795	122	949
Sash-lock.....	J. B. Vincent.....	821,842	May 29	5739	1222	122	1510
Sash-lock.....	R. Neal.....	821,956	May 29	5954	1268	122	1557
Sash-lock.....	S. R. Holdeman.....	823,171	June 12	1897	391	122	2189
Sash-lock.....	J. S. Packer.....	823,543	June 19	2670	563	122	2415
Sash-lock.....	D. Wilkie.....	823,656	June 19	2888	611	122	2466
Sash-lock.....	R. E. Harryman.....	823,775	June 19	3107	658	122	2511
Sash-lock.....	C. H. Ecker.....	824,780	July 3	188	33	123	55
Sash-lock.....	C. V. McGinity.....	825,475	July 10	1613	336	123	438
Sash-lock.....	R. T. Mason.....	826,343	July 17	3343	691	123	878
Sash-lock.....	O. B. Burroughs.....	826,830	July 24	4352	906	123	1153
Sash-lock.....	D. Hoyt.....	829,715	Aug. 28	4154	879	123	2812
Sash-lock.....	A. F. Alexander.....	829,825	Aug. 28	4379	925	123	2869
Sash-lock.....	J. L. Grether.....	832,664	Oct. 9	1302	262	124	1567
Sash-lock.....	W. S. James.....	832,731	Oct. 9	1435	290	124	1598
Sash-lock.....	C. S. Wray.....	834,097	Oct. 23	4405	936	124	2415
Sash-lock.....	J. C. Meyer.....	834,586	Oct. 30	5383	1142	124	2707
Sash-lock.....	C. F. Mason.....	834,743	Oct. 30	5691	1208	124	2787
Sash-lock.....	J. B. Tauveron.....	835,333	Nov. 6	922	195	125	233
Sash lock and balance.....	W. A. Winter.....	822,498	June 5	522	106	122	1840
Sash lock and burglar-alarm. Combined.....	J. B. Ridge.....	819,804	May 8	1541	327	122	407
Sash lock and fastener.....	F. M. Straube.....	810,440	Jan. 23	3757	774	120	939
Sash lock. Automatic.....	M. L. Hubermann.....	824,545	June 26	4593	976	122	2889
Sash lock. Window.....	J. C. Fritch.....	814,281	Mar. 6	545	114	121	117
Sash lock. Window.....	E. J. Glackin.....	821,097	May 22	4251	905	122	1124
Sash lock. Window.....	T. T. McEntee.....	823,070	June 12	1680	347	122	2142
Sash. Metal window.....	C. W. Ecker.....	823,266	June 12	2115	441	122	2239
Sash mover and lock.....	A. R. Hardy and R. N. Adams.....	820,415	May 15	2828	615-16	122	750
Sash opener.....	W. E. Adams.....	825,371	July 10	1365	288	123	373
Sash opener. Greenhouse.....	N. R. Evans.....	817,758	Apr. 17	2383	512	121	1992
Sash operating and locking device.....	W. R. Renard.....	824,583	June 26	4678	994-5	122	2908
Sash-operating mechanism.....	A. Q. Wolf.....	810,242	Jan. 16	3300	684-5	120	804
Sash-operating mechanism.....	G. P. Bull.....	828,188	Aug. 7	985	204	123	1912
Sash pivot. Window.....	P. J. Cachat.....	811,531	Jan. 30	5877	1232	120	1433
Sash. Reversible window.....	E. J. Peterbusch.....	826,604	July 24	3939	816-17	123	1047
Sash. Reversible window.....	J. G. Robbe.....	838,585	Dec. 18	2612	563	125	2089
Sash securer and burglar-alarm. Window.....	T. M. Enyeart.....	832,123	Oct. 2	206	41	124	1263
Sash. Sheet-metal window.....	J. W. Watkins.....	812,467	Feb. 13	1904	420	120	1954
Sash. Sheet-metal window.....	J. W. Watkins.....	815,769	Mar. 20	3617	760	121	895
Sash-support.....	J. S. Gribbon.....	838,180	Dec. 11	1828	391	125	1855
Sash-supporter.....	W. M. Ducker.....	828,098	Aug. 7	826	171	123	1875
Sash-trimming machine.....	M. E. McAfee.....	817,866	Apr. 17	2621	568	121	2044
Sash ventilator.....	H. Scheller.....	831,479	Sept. 18	3158	668	124	849
Sash ventilator. Storm.....	W. R. A. and J. G. Ball.....	814,260	Mar. 6	512	106	121	110
Sash ventilator. Window.....	F. L. Hargreaves.....	815,818	Mar. 20	3716	783	121	915
Sash-weight.....	F. C. Schwedman.....	821,316	May 22	4672	995	122	1216
Sash-weight.....	W. S. Sanborn.....	832,701	Oct. 9	1375	278	124	1584
Sash-weight.....	H. C. Lyons and C. R. Clark.....	838,876	Dec. 18	3153	679-80	125	2221
Sash-weight.....	H. C. Lyons and C. R. Clark.....	838,877	Dec. 18	3155	680	125	2221
Sash weight. Window.....	D. W. Norton.....	824,198	June 26	3892	831	122	2740
Sash weight. Window.....	O. F. Zahn.....	826,703	July 24	4129	857	123	1096

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sash-weights. Mold for casting center-hung.....	L. H. Knapp.....	812,935	Feb. 20	2826	623	120	2192
Sash. Window.....	H. W. J. Edbrooke and F. Lindquist.....	809,609	Jan. 9	2032	421	120	478
Sash. Window.....	J. H. Shepherd.....	809,990	Jan. 16	2763	568	120	692
Sash. Window.....	L. B. Rodery.....	816,187	Mar. 27	4476	948	121	1132
Sash. Window.....	O. M. Otte.....	817,270	Apr. 10	1443	304	121	1735
Sash. Window.....	J. B. McKeown.....	818,844	Apr. 24	4607	988	121	2527
Sash. Window.....	W. E. Daugherty.....	827,217	July 31	5185	1076	123	1376
Sash. Window.....	W. M. Taylor.....	831,575	Sept. 25	3364	707	124	937
Sash. Window.....	O. M. Otte.....	835,863	Nov. 13	1928	407	125	527
Sashes and trimmings therefor in concrete walls.	H. McCann.....	837,418	Dec. 4	279	68-9	125	1426
Means for mounting window-							
Sashes. Glass-retaining device for.....	C. C. Chancey.....	811,544	Feb. 6	19	5	120	1489
Sashes. Handle attachment for window.....	C. A. Merryweather.....	820,231	May 8	2446	530	122	607
Saucepans, &c. Appliance for use with.....	A. J. Smith.....	819,940	May 8	1804	390	122	466
Saucers and similar articles. Apparatus for making.	H. R. Wyllie.....	836,169	Nov. 20	2517	527-9	125	722
Sausage-stuffer and lard-press nozzle.....	H. E. Asbury.....	826,216	July 17	3113	646	123	820
Sausage-stuffers and lard-presses. Nozzle for.....	W. J. Rump.....	826,277	July 17	3215	667	123	845
Sausage-stuffing machines. Indicator for.....	H. Ernst.....	827,147	July 31	5037	1050	123	1337
Savings-receptacle.....	H. M. Angle.....	819,115	May 1	167	33-4	122	44
Saw.....	F. A. Wuest.....	809,485	Jan. 9	1784	369	120	426
Saw.....	J. Guedel.....	810,530	Jan. 23	3946	812	120	983
Saw.....	R. H. Brown and J. Hirsch.....	817,361	Apr. 10	1605	340	121	1771
Saw.....	H. Greck.....	820,969	May 22	3989	847	122	1069
Saw.....	S. J. Gray and J. Horning.....	827,009	July 24	4700	980	123	1237
Saw.....	L. C. Kurtz.....	830,335	Sept. 4	871	179	124	217
Saw.....	W. W. Oakes.....	835,226	Nov. 6	700	144	125	177
Saw.....	J. Oldham.....	836,988	Nov. 27	4200	893	125	1169
Saw.....	T. L. Wallace.....	837,439	Dec. 4	322	77	125	1436
Saw.....	E. L. Freese.....	839,465	Dec. 25	4335	926	125	2556
Saw-blade.....	A. F. Jones.....	833,528	Oct. 16	3069	651	124	2047
Saw-blades for sagging. Device for preventing the shafts or arbors of	T. B. Rice, Jr.....	813,238	Feb. 20	3427	755	120	2321
Saw blades. Machine for straightening band-	J. D. Ge Bott.....	831,222	Sept. 18	2656	558-9	124	720
Saw-clamp.....	C. W. Cardwell.....	813,036	Feb. 20	3024	666	120	2234
Saw. Combined back and wood.....	T. Keeper.....	829,158	Aug. 21	2977	623	123	2478
Saw-cradle. Cord-wood.....	L. S. Taylor.....	829,811	Aug. 28	4356	920	123	2864
Saw. Crosscut.....	F. W. McIntosh.....	836,048	Nov. 13	2235	478	125	601
Saw. Drag.....	F. Hamachek.....	825,315	July 10	1254	264-5	123	344
Saw-dressing device.....	T. W. Roach.....	818,195	Apr. 17	3293	704	121	2192
Saw-dressing device. Band.....	H. Johansen.....	821,293	May 22	4621	985	122	1206
Saw-dressing machine.....	E. L. Bishop.....	810,610	Jan. 23	4111	848-9	120	1019
Saw-dressing machine.....	L. L. Filstrup.....	811,835	Feb. 6	557	123-4	120	1604
Saw-drive.....	W. Lewis.....	812,853	Feb. 20	2661	583	120	2154
Saw-edging machine. Gang.....	I. N. Hague.....	833,384	Oct. 16	2756	581	124	1975
Saw. Endless chain.....	J. Smith.....	830,860	Sept. 11	1951	409	124	523
Saw-file.....	P. Lord.....	818,633	Apr. 24	4174	898	121	2433
Saw-filer.....	M. L. Finger.....	827,623	July 31	6076	1260	123	1595
Saw-filer.....	H. B. Foley.....	837,922	Dec. 11	1277	279	125	1714
Saw filing machine. Interchangeable and adjustable hand, band, and jig	H. Miller.....	819,573	May 1	1054	231	122	237
Saw for manufacturing lumber. Gang.....	G. B. Miller.....	808,671	Jan. 2	95	22	120	23
Saw-frame.....	C. A. Stickney.....	826,698	July 24	4117	855	123	1094
Saw-frame.....	A. Allen.....	839,696	Dec. 25	4805	1027	125	2670
Saw frame. Buck.....	J. Givens.....	831,662	Sept. 25	3574	750	124	997
Saw frame. Hack.....	A. Adamkewitz.....	833,569	Oct. 16	3157	671	124	2069
Saw-gage.....	J. S. Linton.....	812,574	Feb. 13	2135	468	120	2002
Saw-gage.....	A. H. Hall.....	824,785	July 3	196	35	123	57
Saw-gage.....	N. S. Davis.....	836,099	Nov. 20	2348	496	125	682
Saw gage and jointer.....	L. W. Parkhurst.....	810,802	Jan. 23	4459	925	120	1095
Saw-guard.....	J. G. Hill.....	816,326	Mar. 27	4770	1010	121	1195
Saw guard. Circular.....	H. D. Melendy.....	818,772	Apr. 24	4466	957	121	2497
Saw-guide.....	J. H. Perkins.....	820,312	May 8	2616	570	122	645
Saw-guide.....	I. N. Welch and J. J. Roberts.....	825,016	July 3	673	135-6	123	176
Saw-guide.....	W. C. Renie.....	838,645	Dec. 18	2730	585	125	2117
Saw guide. Band.....	A. and K. Kaudela.....	836,446	Nov. 20	3088	655	125	859
Saw guide. Hand.....	O. F. Giffin.....	836,110	Nov. 20	2380	503	125	688
Saw guide. Undercut.....	B. C. Swaggert.....	814,886	Mar. 13	1768	370	121	444
Saw guides. Lead-adjusting mechanism for band-	F. T. McDonough.....	833,690	Oct. 16	3396	723	124	2123
Saw gumming or setting machine.....	W. Van Buskirk.....	838,595	Dec. 18	2630	567	125	2094
Saw. Hack.....	W. E. Lawrence.....	815,597	Mar. 20	3234	679	121	812
Saw-handhold. Adjustable.....	T. Keeper.....	834,622	Oct. 30	5471	1161	124	2731
Saw-handle.....	M. Sawyer.....	816,883	Apr. 3	673	139	121	1507
Saw-handle.....	O. F. McKinney.....	826,049	July 17	2783	576	123	742
Saw-handle.....	J. W. Cox.....	826,921	July 24	4547	946	123	1201
Saw-handle.....	W. T. Blount, Jr.....	832,529	Oct. 2	1017	204	124	1457
Saw-handle.....	M. H. Toomey.....	835,584	Nov. 13	1411	302	125	401
Saw-handle.....	E. B. Olson.....	836,456	Nov. 20	3104	658	125	864
Saw-handle.....	T. A. Smith.....	838,817	Dec. 18	3050	657	125	2196
Saw-handle.....	W. C. Birdsall.....	838,941	Dec. 18	3266	706	125	2245
Saw handle. Crosscut.....	G. W. Dossie.....	838,698	Dec. 18	2833	608	125	2143
Saw-handle. Detachable.....	J. L. Sheets.....	811,099	Jan. 30	5041	1054	120	1255
Saw-holding apparatus.....	J. McLean.....	815,462	Mar. 20	2993	624	121	760
Saw-jointer.....	A. O. Reppeto.....	818,120	Apr. 17	3135	674	121	2157
Saw machine. Band.....	E. Harrold and C. G. Wilderson.....	814,652	Mar. 6	1301	273-4	121	281
Saw machine. Band.....	D. A. Kennedy.....	836,117	Nov. 20	2393	505-6	125	692
Saw mechanism. Gang.....	T. S. Wilkin.....	834,958	Nov. 6	151	31	125	42
Saw. Metal.....	H. R. Geer.....	830,779	Sept. 11	1807	374	124	485
Saw. Metal-cutting.....	H. R. Geer.....	830,778	Sept. 11	1806	374	124	485
Sawmill.....	G. W. Stinebring.....	813,463	Feb. 27	3890	852	120	2478
Sawmill.....	J. H. Howser.....	835,356	Nov. 6	962	205-6	125	243
Sawmill-carriage.....	C. G. Bonn.....	810,320	Jan. 16	3471	717	120	841
Sawmill-carriage.....	J. Torrent.....	839,338	Dec. 25	4077	875	125	2493
Sawmill-carriage dog.....	M. S. Eby.....	813,143	Feb. 20	3257	716	120	2286
Sawmill-carriages. Set-works for.....	W. H. Trout.....	817,888	Apr. 17	2670	581	121	2053
Sawmill-dog.....	A. A. De Loach.....	820,287	May 8	2577	559-60	122	636

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr-g.	Vol.	Page.
Sawmill-dog.....	C. W. White.....	823,013	June 12	1567	325	122	2119
Sawmill-dog.....	G. S. Sergeant.....	837,132	Nov. 27	4492	953	125	1241
Sawmill-feed.....	G. S. Sergeant.....	827,572	July 31	5965	1237	123	1564
Sawmill feed device.....	H. C. Clay.....	812,823	Feb. 20	2601	571	120	2142
Sawmill-feed, Variable.....	E. D. Rock.....	825,865	July 10	2427	506	123	639
Saw mill, Gang.....	W. M. Wilkin.....	812,539	Feb. 13	2053	450	120	1985
Sawmill log-dog.....	J. F. Lehmann, Jr.....	838,506	Dec. 11	2446	532	125	2004
Sawmill set-works.....	T. S. Wilkin.....	815,665	Mar. 20	3373	706	121	843
Sawmill setting apparatus.....	E. H. Percy, Jr.....	833,972	Oct. 23	4112	875	124	2343
Sawmills, Holding-down rolls for.....	D. Crane.....	838,772	Dec. 18	2963	638-9	125	2174
Saw-oiling device.....	L. F. Stewart.....	828,436	Aug. 14	1500	315	123	2067
Saw, Rail.....	L. Hewitt.....	825,321	July 10	1269	267	123	348
Saw rounding and jointing attachment.....	J. R. McClellan.....	813,910	Feb. 27	4775	1054	120	2672
Saw-set.....	P. A. Gianera.....	811,392	Jan. 30	5628	1178	120	1382
Saw-set.....	A. H. Pence.....	812,086	Feb. 6	1105	243	120	1714
Saw-set.....	F. A. Wuest.....	816,054	Mar. 27	4202	892	121	1073
Saw-set.....	R. E. Poindexter.....	817,514	Apr. 10	1929	406	121	1839
Saw-set.....	G. Y. Anderson.....	819,114	May 1	166	33	122	44
Saw-set.....	A. Fleming.....	819,745	May 8	1408	303	122	375
Saw-set.....	A. V. Shafer and A. C. Ruby.....	819,939	May 8	1803	390	122	466
Saw-set.....	H. Wise.....	820,161	May 8	2324	507	122	580
Saw-set.....	J. F. Dorman.....	822,655	June 5	851	174	122	1916
Saw-set.....	H. J. Miller.....	824,996	July 3	639	128	123	167
Saw-set.....	G. B. Lebler.....	829,219	Aug. 21	3097	652	123	2508
Saw-set.....	C. C. Beard.....	831,406	Sept. 18	3016	641	124	812
Saw-set.....	E. Wismar.....	831,693	Sept. 25	3635	761	124	1013
Saw-set.....	H. W. West.....	832,941	Oct. 9	1862	386	124	1699
Saw-set.....	E. Chainey.....	838,843	Dec. 18	3099	667	125	2208
Saw-setting device.....	S. L. Hawn.....	820,572	May 15	3150	678	122	822
Saw-setting machine.....	C. Napier.....	817,440	Apr. 10	1781	374	121	1808
Saw-setting machine.....	J. A. Randall.....	832,502	Oct. 2	969	193	124	1445
Saw-setting machine.....	B. G. Luther.....	835,449	Nov. 6	1152	249	125	290
Saw-sharpening apparatus.....	C. H. Reynolds.....	826,964	July 24	4615	962	123	1218
Saw-sharpening machine.....	J. M. Waddell.....	823,830	June 19	3204	677-8	122	2534
Saw, square, and bevel, Combined.....	A. M. Bowes.....	823,101	June 12	1758	362	122	2159
Saw, square, and miter, Combination.....	R. J. Ward.....	814,754	Mar. 13	1521	322	121	392
Saw-swage.....	A. E. White.....	816,695	Apr. 3	300	70	121	1427
Saw-swage.....	S. T. Lipsey.....	818,179	Apr. 17	3258	698-9	121	2184
Saw-swage.....	O. Dion.....	820,402	May 15	2795	607-8	122	745
Saw swage and shaper.....	W. Barkla.....	823,754	June 19	3057	647-8	122	2499
Saw-swage shaper.....	V. H. and A. K. Hanchett.....	834,009	Oct. 23	4209	893	124	2366
Saw-swage shaper.....	V. H. and A. K. Hanchett.....	835,220	Nov. 6	686	141-2	125	174
Saw-swaging machine.....	W. L. Covell.....	815,269	Mar. 13	2541	534	121	612
Saw-table cutting-gage.....	C. Von Culin.....	808,889	Jan. 2	534	119	120	118
Saw-table for curved work.....	B. Wilson.....	822,330	June 5	213	43	122	1773
Saw-table gage.....	J. W. Cromwell.....	832,721	Oct. 9	1419	286	124	1594
Saw-tables, Automatic stop-gage for.....	J. P. Bonte.....	836,237	Nov. 20	2650	558	125	755
Saw-teeth, Side-dressing tool for.....	R. C. Charlton.....	816,433	Mar. 27	4993	1060	121	1240
Saw-teeth, Swage for inserted.....	W. L. Newell.....	836,527	Nov. 20	3230	688	125	895
Saw-tool.....	C. Ritts.....	811,439	Jan. 30	5716	1197	120	1398
Saw-tooth.....	C. C. Fleming.....	813,371	Feb. 20	3698	812	120	2378
Saw-tooth.....	C. M. Datterway.....	834,196	Oct. 23	4615	980	124	2470
Saw-tooth, Inserted.....	W. S. McLean and J. D. Kinney.....	816,592	Apr. 3	95	19	121	1378
Saws, Adjustable fence for.....	T. Bemis.....	816,424	Mar. 27	4980	1057	121	1238
Saws, Adjustable fence for.....	T. Bemis.....	836,006	Nov. 13	2167	464	125	583
Saws, Adjustable rig for circular.....	J. H. Martin.....	827,548	July 31	5927	1228-9	123	1555
Saws, Gage for ivory-nut.....	J. Hornby.....	813,002	Feb. 20	2958	651-2	120	2220
Saws, Resawing attachment for band.....	M. Garland.....	812,987	Feb. 20	2930	645-6	120	2214
Saws, Straight-edge for circular.....	B. Lafleur.....	838,551	Dec. 18	2548	551	125	2073
Sawing-machine.....	G. Morris.....	815,028	Mar. 13	2065	432	121	505
Sawing-machine.....	J. A. Cumiskey.....	817,628	Apr. 10	2137	452-3	121	1882
Sawing-machine.....	O. H. Wither and A. L. Harvey.....	817,948	Apr. 17	2788	606	121	2084
Sawing-machine.....	S. J. Gray and J. Horning.....	824,009	June 19	3553	759	122	2608
Sawing-machine.....	D. Alemlan.....	824,328	June 26	4139	886	122	2793
Sawing-machine.....	F. Hornquist.....	825,836	July 10	2383	496	123	628
Sawing-machine.....	C. Bohm.....	826,222	July 17	3122	648	123	822
Sawing-machine.....	E. E. Holden and A. Hovorka.....	827,100	July 31	4921	1027	123	1306
Sawing-machine.....	E. Perron.....	832,273	Oct. 2	520	98-9	124	1339
Sawing-machine.....	B. L. Bailey.....	834,251	Oct. 30	4752	1005	124	2550
Sawing machine, Block.....	H. Ruffi.....	811,332	Jan. 30	5525	1151-2	120	1359
Sawing machine, Ivory-nut.....	J. Hornby.....	826,785	July 24	4274	889	123	1134
Sawing machine, Log.....	D. A. Lunt.....	817,496	Apr. 10	1892	399	121	1831
Sawing machine, Manually-operated log.....	P. McDonald.....	838,438	Dec. 11	2322	503	125	1974
Sawing-machine numerator.....	F. L. Kreil.....	813,099	Feb. 20	3148	689	120	2262
Sawing-machine, Portable.....	N. McAslan.....	819,703	May 1	1313	285	122	295
Sawing-machine, Portable.....	H. A. Knox.....	822,056	May 29	6139	1308-9	122	1600
Sawing-machine, Universal portable.....	A. Lauber.....	825,223	July 3	1063	224	123	277
Sawing machine, Wood.....	M. H. Cox.....	825,518	July 10	1715	360-1	123	461
Sawing machine, Wood.....	D. E. Franks.....	831,715	Sept. 25	3679	770	124	1025
Sawbuck.....	A. D. Thomas.....	814,336	Mar. 6	694	139	121	152
Sawbuck.....	G. R. Hicks.....	826,426	July 17	3496	727	123	915
Scabbard.....	F. A. Bragg.....	831,771	Sept. 25	3771	790	124	1048
Scabbard, Bayonet.....	F. A. Bragg.....	831,770	Sept. 25	3770	790	124	1048
Scaffold.....	D. Leuz.....	818,268	Apr. 17	3435	738	121	2221
Scaffold.....	B. Long and I. V. Bryant.....	826,041	July 17	2766	573	123	739
Scaffold.....	H. R. Laird.....	826,582	July 24	3893	807	123	1034
Scaffold.....	G. Curley.....	835,059	Nov. 6	375	76	125	99
Scaffold and step-ladder, Combined.....	J. H. Rose.....	812,091	Feb. 6	1112	245	120	1715
Scaffold-board, Extensible.....	C. Schwedt.....	812,301	Feb. 13	1605	1037	121	1892
Scaffold-bracket.....	R. E. Irwin.....	818,965	Apr. 24	4822	1037	121	2574
Scaffold-bracket.....	F. L. Polak.....	831,375	Sept. 18	2965	630	124	799
Scaffold-bracket, Builder's.....	F. A. Mackie.....	834,919	Nov. 6	84	16	125	24
Scaffold-bracket, Folding.....	J. McIntyre.....	809,973	Jan. 16	2731	562	120	685
Scaffold-bracket, Folding.....	M. Blitsch and T. F. McDonnell.....	814,015	Mar. 6	20	4	121	6
Scaffold, Hangman's.....	J. C. Smith.....	818,306	Apr. 17	3513	753	121	2237
Scaffold-machine.....	F. Rudman.....	831,994	Sept. 25	4222	882	124	1160

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Scaffold-nail.....	C. E. Springer.....	809,402	Jan. 9	1621	329	120	389
Scaffold. Portable.....	B. A. Spaul and E. J. Hall.....	837,006	Nov. 27	4232	900	125	1176
Scaffold-support.....	A. O. Gardiner.....	816,458	Mar. 27	5037	1070	121	1250
Scaffold-support.....	M. F. Seeley.....	838,218	Dec. 11	1900	408	125	1872
Scaffold-support. Safety.....	P. Caporale.....	809,490	Jan. 9	1791	370	120	427
Scaffold. Window.....	H. J. Cole.....	838,010	Dec. 11	1448	313	125	1757
Scaffolding.....	J. Emberson.....	822,658	June 5	857	176	122	1918
Scaffolding to iron joists. Contrivance for the fastening of flying.....	W. Stieper.....	827,268	July 31	5279	1095	123	1397
Scale.....	A. Jobborn.....	810,539	Jan. 23	3959	815	120	985
Scale.....	J. W. Hughes.....	823,728	June 19	3009	637	122	2489
Scale.....	A. H. Shock.....	824,749	July 3	95	19	123	28
Scale.....	J. W. Ford.....	824,854	July 3	356	66-7	123	98
Scale.....	W. H. Sanderson.....	824,886	July 3	418	80-1	123	114
Scale.....	J. H. Bodfish.....	828,806	Aug. 14	2220	472	123	2253
Scale.....	T. J. King.....	831,164	Sept. 18	2550	538	124	606
Scale.....	O. T. Boulton.....	833,868	Oct. 23	3788	804-5	124	2267
Scale.....	J. A. Rishel.....	838,902	Dec. 18	3198	690	125	2230
Scale.....	H. B. Osgood, Jr.....	839,025	Dec. 18	3415	737-8	125	2284
Scale and producing iron sulfate. Electrolytically removing.....	C. J. Reed.....	827,180	July 31	5126		123	1360
Scale attachment. Automatic.....	G. Hoepner.....	823,599	June 19	2769	586	122	2438
Scale attachment. Weighing.....	J. Barry and M. L. Shaughnessy.....	820,947	May 22	3923	846	122	1053
Scale. Automatic recording ice.....	C. E. Crane.....	809,429	Jan. 9	1673	343-4	120	400
Scale. Automatic weighing.....	H. Hager.....	819,881	May 8	1686	361-2	122	441
Scale. Automatic weighing.....	F. Pelz.....	831,093	Sept. 18	2433	512	124	669
Scale. Automatic weighing and computing.....	T. A. Killman.....	816,984	Apr. 3	880	182-3	121	1553
Scale-beams. Pivot-bearing for.....	A. H. Shock and W. L. Kendig.....	825,280	July 3	1169	247	123	304
Scale. Coin-controlled.....	J. Lorentzen.....	809,198	Jan. 2	1132	235-6	120	249
Scale. Computing.....	J. W. Culmer.....	815,684	Mar. 20	3419	714-15	121	854
Scale. Computing.....	J. Hopkinson.....	816,093	Mar. 27	4292	909	121	1093
Scale. Computing.....	J. W. Culmer.....	816,714	Apr. 3	327	76	121	1432
Scale. Computing.....	A. H. Shock and W. L. Kendig.....	825,247	July 3	1106	235	123	289
Scale. Computing.....	A. De Vibiss, Jr.....	830,976	Sept. 11	2150	455	124	570
Scale. Computing.....	J. W. Culmer.....	832,011	Sept. 25	4255	889-90	124	1169
Scale. Computing.....	A. De Vibiss, Jr.....	839,736	Dec. 25	4888	1044	125	2690
Scale. Continuous weighing.....	E. D. Carter.....	837,794	Dec. 4	1023	228	125	1607
Scale for accurate lard weighing. Electric.....	C. E. Snyppe.....	809,026	Jan. 2	793	171	120	175
Scale guard and marker.....	J. R. Keller.....	833,168	Oct. 16	2309	485	124	1860
Scale-indicator.....	W. F. Harris.....	832,379	Oct. 2	721	139	124	1386
Scale-markings for rules, &c.....	I. W. Heysinger and A. Latshaw.....	809,950	Jan. 16	2684	554	120	675
Scale. Mechanical recording.....	E. McGarvey.....	812,286	Feb. 13	1576	345-6	120	1885
Scale micrometer attachment. Linear.....	A. F. Henrikson.....	827,443	July 31	5656	1172	123	1489
Scale. Pitless.....	H. G. Beckmann.....	825,293	July 10	1201	254	123	331
Scale. Pitless platform.....	C. J. Ellis and L. M. Vreeland.....	834,276	Oct. 30	4801	1015	124	2562
Scale-plate.....	A. O. Benecke.....	839,258	Dec. 25	3923	843	125	2455
Scale. Platform.....	G. Jones.....	822,455	June 5	429	88	122	1818
Scale. Platform.....	M. H. Winslow.....	823,313	June 12	2207	460	122	2258
Scale. Platform.....	W. H. Sanderson.....	825,279	July 3	1167	247	123	304
Scale. Portable.....	E. E. Barakat.....	809,602	Jan. 9	2021	419	120	475
Scale. Price.....	O. O. Ozias.....	812,289	Feb. 13	1585	347	120	1888
Scale. Price.....	J. Hopkinson.....	817,777	Apr. 17	2432	520	121	2002
Scale. Price.....	W. E. Craft.....	823,397	June 12	2347	493	122	2287
Scale. Rafter.....	W. W. Dwignans and J. M. Adams.....	814,948	Mar. 13	1878	394	121	467
Scale. Railway-track.....	W. H. Sargent.....	824,591	June 26	4691	997	122	2911
Scale-register.....	M. Schmidt.....	816,749	Apr. 3	385	89	121	1444
Scale. Spring.....	O. C. Wiese.....	811,979	Feb. 6	898	198-9	120	1671
Scale. Spring.....	O. C. Wiese.....	811,980	Feb. 6	900	199	120	1672
Scale. Spring.....	J. B. Paquette.....	813,735	Feb. 27	4414	973	120	2593
Scale. Spring.....	G. Walker.....	822,641	June 5	827	169	122	1910
Scale. Spring.....	J. H. Osborne.....	837,496	Dec. 4	430	97	125	1463
Scale. Spring-dial.....	G. W. Robinson.....	828,248	Aug. 7	1086	229	123	1935
Scale. Springless-dial.....	F. H. Brown.....	835,899	Nov. 13	1997	422	125	544
Scale stock-rack. Platform.....	H. C. Gumbel and N. E. Tyrrell.....	819,879	May 8	1681	360-1	122	439
Scale. Suspension bearing.....	W. H. Sargent.....	830,856	Sept. 11	1944	408	124	521
Scale. Traveling hopper.....	F. J. Wolf.....	818,505	Apr. 24	3896	838-9	121	2372
Scale. Truck.....	E. L. Gage.....	836,074	Nov. 13	2290	487	125	615
Scale. Truck.....	O. W. Parsell.....	837,955	Dec. 11	1335	293	125	1727
Scale. Weighing.....	J. Lorentzen.....	809,826	Jan. 9	2426	504	120	567
Scale. Weighing.....	P. Frost.....	815,414	Mar. 20	2913	604	121	742
Scale. Weighing.....	J. M. Triner.....	819,325	May 1	589	124-5	122	136
Scale. Weighing.....	N. E. Tyrrell.....	819,959	May 8	1875	415	122	479
Scale. Weighing.....	M. H. Hansen.....	821,035	May 22	4127	877	122	1098
Scale. Weighing.....	J. G. Blessing.....	821,214	May 22	4469	951	122	1172
Scale. Weighing.....	J. E. Cochran.....	821,220	May 22	4477	953	122	1174
Scale. Weighing.....	J. E. Cochran and O. L. Plumtree.....	821,221	May 22	4479	954	122	1174
Scale. Weighing.....	J. G. Blessing.....	821,278	May 22	4592	978	122	1200
Scale. Weighing.....	E. N. Gilfillan.....	823,679	June 19	2928	619	122	2474
Scale. Weighing.....	C. Sundby.....	824,888	July 3	424	82	123	116
Scale. Weighing.....	E. Sutherland.....	826,070	July 17	2831	588	123	754
Scale. Weighing.....	W. H. Sargent.....	830,930	Sept. 11	2070	436	124	550
Scale. Weighing.....	Z. T. Gragg.....	831,508	Sept. 18	3206	677-8	124	862
Scale. Weighing.....	O. L. Plumtree.....	832,158	Oct. 2	288	54	124	1282
Scale. Weighing.....	H. Fairbanks.....	832,465	Oct. 2	899	173-4	124	1429
Scale. Weighing.....	J. E. Cochran and O. L. Plumtree.....	833,873	Oct. 23	3800	806-7	124	2270
Scale. Weighing.....	J. E. Cochran and H. B. McCabe.....	833,874	Oct. 23	3802	807	124	2271
Scale. Weighing.....	H. Fairbanks.....	837,263	Nov. 27	4736	1003	125	1301
Scales and the like. Dash-pot for spring.....	L. P. Welfey.....	825,992	July 17	2677	555	123	717
Scales. Attachment for platform.....	J. L. Bryan.....	834,258	Oct. 30	4767	1008	124	2553
Scales. Electric signal for weighing.....	S. J. Debes.....	833,447	Oct. 16	2903	616	124	2010
Scales. Extension-arm for.....	P. J. Durbin.....	824,344	June 26	4175	892	122	2800
Scales. Scale-beam for weighing.....	I. Hirsch.....	817,428	Apr. 10	1755	368	121	1802
Scales. Sealing device for weighing.....	C. C. Neale.....	819,788	May 8	1516	322	122	402
Scalp-comb.....	L. W. Dehart.....	816,221	Mar. 27	4538	964	121	1146
Scarf-holder.....	A. Rosland.....	817,005	Apr. 3	918	189	121	1562

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Scarf or necktie pin holder.....	F. Jackson.....	839,149	Dec. 25	3704	800	125	2404
Scarf-pin safety device.....	M. E. Rosenblum.....	809,750	Jan. 9	2295	475	120	537
Scarf-pins. Device for securing.....	A. Rainess.....	836,534	Nov. 20	3250	691	125	900
Scarf-ring.....	T. F. Dunn.....	818,671	Apr. 24	4251	914	121	2451
Scenic frame.....	E. B. Carns.....	821,156	May 22	4367	929	122	1151
Schedule or table.....	F. P. Leffingwell.....	827,161	July 31	5064	1055	123	1343
Scissors.....	R. Theis.....	809,541	Jan. 9	1884	391	120	447
Scissors.....	W. E. Jones.....	822,456	June 5	432	88	122	1819
Scissors.....	T. S. Linscott.....	826,587	July 24	3902	808	123	1037
Scissors.....	M. T. Smith.....	837,590	Dec. 4	629	145	125	1510
Scissors and pliers. Combined.....	C. W. Lurty.....	821,659	May 29	5369	1144	122	1426
Scissors cutting-gage.....	S. V. Stonnell.....	839,669	Dec. 25	4757	1016	125	2657
Scissors cutting-guide.....	J. Linden.....	831,619	Sept. 25	3451	725	124	961
Scoop-board.....	W. J. Stevenson.....	835,042	Nov. 6	329	70	125	85
Scoop. Weighing.....	E. L. and A. L. Heizer.....	817,974	Apr. 17	2847	617	121	2096
Scope and distance finder.....	T. H. Mitchell.....	822,751	June 5	1040	213	122	1957
Scoot-board.....	T. E. Carey.....	827,785	Aug. 7	194	39	123	1717
Score sheet or card. Rifleman's.....	E. T. Conley.....	831,934	Sept. 25	4117	858	124	1133
Scouring machine. Garment, fabric, &c.....	A. F. Bornot.....	812,005	Feb. 6	966	210	120	1686
Scraper.....	H. P. Barker.....	818,140	Apr. 17	3180	684	121	2167
Scraper.....	A. M. Smith and W. C. Dean.....	819,090	May 1	114	25	122	30
Scraper.....	B. Henninger.....	822,605	June 5	757	153	122	1895
Scraper.....	J. F. Delano.....	822,928	June 12	1388	290	122	2078
Scraper.....	A. B. Munson.....	831,087	Sept. 18	2426	510	124	667
Scraper.....	L. E. Waterman.....	832,938	Oct. 9	1859	385	124	1699
Scraper.....	H. Noble and C. S. Quayle.....	834,634	Oct. 30	5489	1165	124	2736
Scraper and grader. Road.....	J. H. Osten.....	822,902	June 5	1332	275-6	122	2017
Scraper and shovel-plow. Combined.....	N. McLaughlin.....	809,626	Jan. 9	2062	427	120	484
Scraper-bowls. Making.....	T. H. Stagg.....	814,568	Mar. 6	1136	237	121	247
Scraper. Dirt.....	J. Harter.....	814,446	Mar. 6	907	186	121	197
Scraper. Drag.....	J. L. Torbett.....	825,562	July 10	1804	382	123	483
Scraper. Foot.....	G. F. Hibner.....	817,171	Apr. 10	1232	253	121	1693
Scraper for fenders or other disks.....	A. B. Wright.....	832,225	Oct. 2	427	79	124	1317
Scraper. Land.....	O. Stark.....	817,999	Apr. 17	2898	625-6	121	2108
Scraper. Self-dumping.....	J. F. Mendenhall.....	810,165	Jan. 16	3128	647	120	768
Scraper. Self-loading.....	H. F. Purdum.....	808,870	Jan. 2	470	103-4	120	104
Scraper. Wheeled.....	W. P. Warren.....	821,560	May 22	5159	1100-1	122	1323
Scraping-machine. Automatic.....	J. F. Coleman.....	821,583	May 22	5196	1109	122	1331
Scraping-point.....	T. B. Porter.....	833,336	Oct. 16	2670	562	124	1953
Scraping-tool.....	J. A. Traut.....	837,978	Dec. 11	1392	303	125	1742
Scraping tool or implement.....	J. H. Peterson.....	830,451	Sept. 4	1113	234	124	275
Screen.....							
See Asphalt-screen. Sand or clay screen.							
Coal-screen. Sewage or the like							
Collapsible screen. screen.							
Color-changing screen. Sliding extensible							
Door and window screen. screen.							
Drum-screen. Table-screen.							
Flash-light screen. Transparent screen.							
Fly-screen. Vibrating screen.							
Irrigating-ditch screen. Window-screen.							
Window and door screen. screen.							
Metal screen. Window or like screen.							
Ore-sizing screen. Window roller-screen.							
Paper and pulp screen. Wire screen.							
Pulp-screen. screen.							
Screen.....	J. B. Moseley.....	810,788	Jan. 23	4433	920	120	1089
Screen.....	W. W. McCallip.....	810,965	Jan. 30	4814	1001	120	1206
Screen.....	A. M. Gifford.....	819,876	May 8	1675	359	122	438
Screen.....	W. O'Byrne.....	821,429	May 22	4930	1048	122	1275
Screen.....	J. Keffler.....	821,502	May 22	5056	1077	122	1302
Screen.....	M. Benjamin.....	821,777	May 29	5610	1195	122	1482
Screen.....	C. W. Roland.....	828,627	Aug. 14	1876	395	123	2166
Screen.....	J. and P. B. Landgraf.....	832,679	Oct. 9	1332	269	124	1575
Screen.....	D. D. Pinkham.....	835,636	Nov. 13	1515	323	125	427
Screen attachment. Window and door.	J. A. Gee.....	832,788	Oct. 9	1552	319	124	1626
Screen-bin. Mounted.....	E. S. Philips.....	810,219	Jan. 16	3250	673-4	120	793
Screen-doors. Fly-trap for.....	J. E. Brown.....	832,892	Oct. 9	1771	365	124	1678
Screen holder. Wire.....	A. E. Griffin.....	838,400	Dec. 11	2257	488	125	1957
Screen-plate.....	A. W. Crawford.....	831,936	Sept. 25	4121	859	124	1134
Screens. Guide-strip for sliding.....	H. W. and W. W. Watson.....	817,409	Apr. 10	1714	361	121	1794
Screening apparatus.....	H. L. Kent.....	817,975	Apr. 17	2848	617	121	2096
Screening apparatus.....	J. C. Clark.....	828,928	Aug. 21	2480	525	123	2350
Screw.....	C. B. Farrington.....	824,983	July 3	618	124	123	162
Screw. Adjusting set.....	R. J. Goepfinger.....	827,230	July 31	5204	1081	123	1381
Screw and nut locking device.....	C. H. Dewett and W. J. Griffiths.....	821,471	May 22	4999	1063	122	1291
Screw. Automatically-operated temper.....	R. C. Jones.....	836,384	Nov. 20	2948	624	125	827
Screw-bolt. Adjustable.....	W. A. Weaver.....	826,131	July 17	2945	611	123	782
Screw clamp. Temper.....	P. H. Mack.....	835,545	Nov. 13	1332	286	125	379
Screw-connecting die and stock.....	W. J. McKimney.....	812,075	Feb. 6	1084	237	120	1709
Screw-cutting device.....	S. Lippert.....	838,344	Dec. 11	2141	463	125	1930
Screw-cutting plate.....	P. Bäckström.....	820,334	May 8	2649	578	122	653
Screw-driver.....	E. A. Schade.....	814,734	Mar. 13	1483	312	121	385
Screw-driver.....	M. J. Cowgill.....	825,517	July 10	1714	360	123	461
Screw-driver.....	G. P. Butler.....	839,105	Dec. 25	3618	781	125	2380
Screw-driver and other hand-tool.....	C. F. Mueller and H. R. Braunsdorf.....	828,895	Aug. 21	2415	514	123	2332
Screw-driver. Screw-holding.....	L. S. Starrett.....	815,758	Mar. 20	3603	756	121	892
Screw-jack.....	A. J. Oliver.....	825,752	July 10	2229	464	123	589
Screw-jack. Ball-bearing.....	J. Russell.....	825,557	July 10	1798	380	123	481
Screw. Locking.....	F. J. Herdle.....	824,017	June 19	3564	761	122	2611
Screw-locking means.....	I. Lehman.....	826,584	July 24	3896	807	123	1035
Screw-machine.....	W. B. Pearson and C. E. Roberts.....	827,463	July 31	5705	1181-7	123	1503
Screw-machine.....	W. B. Pearson and C. E. Roberts.....	827,659	July 31	6145	1277-8	123	1613
Screw-machine. Automatic.....	C. M. Spencer.....	816,510	Mar. 27	5144	1090-2	121	1274

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Screw-machines. Threading mechanism for automatic	C. M. Spencer.....	816,393	Mar. 27	4921	1045-6	121	1226
Screw. Ratchet jack-	C. H. Jack.....	830,151	Sept. 4	497	101	124	125
Screw. Stage-	F. T. Lippincott.....	820,655	May 15	3284	705	122	850
Screw. Temper-	C. W. Fanton.....	812,487	Feb. 13	1949	430	120	1963
Screw. Temper-	B. C. Hagan.....	813,378	Feb. 20	3710	815	120	2380
Screw-tender. Automatic	L. W. Huntington.....	832,578	Oct. 2	1110	223	124	1481
Screw-thread cutter.	L. A. Westman.....	818,007	Apr. 17	2908	628	121	2110
Screw-threads on pipes, &c. Apparatus for cutting.	F. D. Cable.....	828,016	Aug. 7	654	133-4	123	1832
Screw-threading die.	T. R. Leighton.....	824,697	June 26	4900	1042	122	2954
Screw-top can.	S. Tevander.....	834,173	Oct. 23	4570	969	124	2459
Screw-wrench.	V. Eiselt.....	810,850	Jan. 23	4536	944	120	1112
Screw-wrench. Universal	J. T. F. Conti.....	827,711	Aug. 7	29	7-8	123	1677
Screws upon long rods. Device for cutting	P. Preuss.....	813,114	Feb. 20	3188	697	120	2272
Screw. Casing-	W. H. Clark.....	832,238	Oct. 2	455	84	124	1323
Scriber	F. Brals and S. Nadeau.....	822,916	June 12	1372	285	122	2075
Scriber	F. J. Britton.....	830,130	Sept. 4	463	93	124	117
Scrubber	G. H. Garnet.....	815,343	Mar. 20	2744	571	121	705
Scrubber or brush.	A. Thollander.....	818,316	Apr. 17	3528	757	121	2241
Scrubbing device.	H. E. H. Armann.....	815,324	Mar. 20	2702	562	121	695
Scrubbing-machine.	E. J. Stewart.....	824,958	July 3	569	112-13	123	151
Scrubbing-machine. Floor-	J. W. Howe.....	824,656	June 26	4813	1026	122	2936
Scrubbing-machine for removing foreign matter from the surfaces of globular objects.	A. Taplin.....	812,466	Feb. 13	1903	420	120	1954
Scrubbing-machine. Rotary	T. R. Jenkins, Jr.....	822,050	May 29	6130	1305	122	1598
Sea-bottom from the surface. Apparatus for viewing and photographing the	G. Pino.....	825,241	July 3	1096	231	123	286
Sea-sounding.	A. F. Eells.....	837,551	Dec. 4	532	124	125	1488
Seal.	E. J. Brooks.....	818,344	Apr. 17	3580	766	121	2251
Seal.	L. A. Foote.....	819,347	May 1	631	134	122	145
Seal.	L. A. Brown.....	830,565	Sept. 11	1363	283	124	366
Seal.	C. L. Wood.....	836,292	Nov. 20	2774	589	125	788
Seal.	R. J. Baker.....	837,535	Dec. 4	505	117	125	1482
Seal and terminal for electric apparatus.	H. N. Potter.....	830,249	Sept. 4	707	142	124	179
Seal. Bottle.	A. E. Prier.....	809,011	Jan. 2	773	167	120	170
Seal. Bottle.	A. L. Green.....	810,334	Jan. 16	3493	722	120	845
Seal. Bottle.	G. H. Gillette.....	814,531	Mar. 6	1067	220	121	231
Seal. Bottle.	G. H. Gillette.....	814,532	Mar. 6	1072	220	121	232
Seal. Bottle.	G. H. Gillette.....	815,344	Mar. 20	2745	571	121	705
Seal. Bottle.	I. B. Mercer and H. D. Orchard.....	816,489	Mar. 27	5104	1082	121	1265
Seal. Bottle.	S. Mathieu.....	827,106	July 31	4932	1029	123	1308
Seal. Bottle.	J. Hermann.....	834,906	Nov. 6	62	12	125	18
Seal. Box.	E. J. Brooks.....	822,577	June 5	690	140	122	1879
Seal. Car.	G. H. Huising.....	819,547	May 1	1006	221	122	226
Seal. Car.	O. B. Emerson.....	834,197	Oct. 23	4616	980	124	2470
Seal. Car.	F. W. Greene and O. B. Emerson.....	834,200	Oct. 23	4620	981	124	2471
Seal. Car.	H. J. Price.....	837,505	Dec. 4	443	101	125	1466
Seal. Car-door.	L. S. Flatau.....	828,729	Aug. 14	2082	439	123	2218
Seal. Coil-wire.	E. J. Brooks.....	822,576	June 5	689	140	122	1879
Seal for bags.	E. J. Brooks.....	836,431	Nov. 20	3058	649	125	853
Seal for bags.	E. J. Brooks.....	836,560	Nov. 20	3294	702	125	911
Seal for bottles and other articles.	W. A. Quick.....	827,665	July 31	6177	1282	123	1622
Seal for boxes.	E. J. Brooks.....	837,788	Dec. 4	1015	226	125	1605
Seal for boxes.	E. J. Brooks.....	837,789	Dec. 4	1016	226	125	1605
Seal for envelopes.	F. Corrigan.....	818,746	Apr. 24	4414	944	121	2487
Seal for stop-cocks.	H. C. Sisco.....	822,025	May 29	6077	1295	122	1586
Seal-lock.	P. S. Clausen.....	809,357	Jan. 9	1504	304	120	366
Seal-lock.	C. G. Shepherd.....	823,297	June 12	2171	453	122	2250
Seal-lock.	J. T. Bibb.....	831,209	Sept. 18	2637	554	124	715
Seal-lock.	T. E. Van Derwerken.....	837,758	Dec. 4	962	216	125	1594
Seal-locks. Punch for operating.	P. Bruno.....	827,055	July 24	4797	1000	123	1260
Seal. Pocket-	H. S. Folger.....	836,108	Nov. 20	2378	502	125	687
Seal pockets. Manufacturing car-	W. T. Price.....	824,741	July 3	85	16	123	25
Seal-press.	L. A. Foote.....	811,283	Jan. 30	5431	1132	120	1339
Seal-press.	E. J. Brooks.....	813,079	Feb. 20	3115	683	120	2255
Seal-press.	T. Wenk.....	827,132	July 31	4955	1041	123	1321
Seal. Self-locking	F. Laporte.....	813,219	Feb. 20	3309	749	120	2314
Seal. Self-locking	W. F. Harris.....	822,945	June 12	1418	297	122	2083
Seal. Snap-	E. J. Brooks.....	818,659	Apr. 24	4232	910	121	2446
Seal. Snap-	E. J. Brooks.....	831,825	Sept. 25	3877	812	124	1075
Seal. Wrapper-	E. F. Webber.....	837,561	Dec. 4	170	40	125	1398
Seals. Machine for making soft-metal.	C. A. Svensson.....	832,883	Oct. 9	1752	361-2	124	1675
Seals of the bungs or other closures of casks. Device for protecting the	H. Gerike.....	817,910	Apr. 17	2721	590	121	2067
Sealer and stamp and label affixer. Envelop-	G. F. Johnson.....	831,076	Sept. 18	2388	502	124	661
Sealer. Envelop-	L. O. Stassart.....	810,093	Jan. 16	2992	623	120	743
Sealing and stamping envelopes. Machine for.	C. A. Madsen.....	813,985	Feb. 27	4905	1086-7	120	2697
Sealing and stamping machine. Envelop.	J. T. Vanness and H. R. O'Brien.....	815,494	Mar. 20	3041	635	121	770
Sealing apparatus. Envelop-	J. E. Nachod.....	816,175	Mar. 27	4452	942	121	1127
Sealing apparatus. Envelop-	J. E. Nachod.....	816,176	Mar. 27	4455	943	121	1127
Sealing apparatus. Envelop-	E. J. Brasseur.....	822,572	June 5	680	138-9	122	1877
Sealing bottles. Means for.	F. M. Osgood.....	809,213	Jan. 2	1166	241	120	256
Sealing bottles or similar articles. Closure for.	F. B. Thatcher.....	816,513	Mar. 27	5152	1092	121	1276
Sealing boxes, &c. Means for.	A. Freschl.....	816,007	Mar. 27	4104	867	121	1052
Sealing cans, jars, and other packages by atmospheric pressure. Apparatus for	C. C. Hovey.....	826,249	July 17	3162	656	123	832
Sealing-caps from vessels. Means for removing.	J. A. Hicks.....	835,789	Nov. 13	1792	380	125	496
Sealing-closure for vessels	G. T. Reed.....	827,668	July 31	6182	1283-4	123	1623
Sealing device.	F. W. Purcell.....	816,376	Mar. 27	4871	1034	121	1216
Sealing device. Bottle-	O. W. Cardell and S. T. Bergström.....	815,902	Mar. 20	3900	825	121	954
Sealing device for parcels, &c.	J. Ullmann.....	833,428	Oct. 16	2860	605	124	2001
Sealing device. Package-	C. F. Chapman.....	829,948	Sept. 4	17	4	124	6
Sealing device. Package-	J. H. Tuttle and C. B. Frost.....	831,198	Sept. 18	2614	550	124	710
Sealing evacuated vessels.	W. R. Whitney.....	831,396	Sept. 18	3001	638	124	809
Sealing-in machine.	H. G. Ferguson.....	833,131	Oct. 9	2224	469	124	1792
Sealing machine. Bottle-	A. A. Wood.....	830,551	Sept. 11	1333	274-6	124	359

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sealing machine. Envelop-.....	C. J. Fancher and H. S. Parmelee.	812,263	Feb. 13	1524	332-3	120	1872
Sealing machine. Envelop-.....	J. A. Markoe	820,427	May 15	2847	620-1	122	754
Sealing machine. Envelop-.....	F. N. Jaynes	826,169	July 17	3012	625	123	798
Sealing machine. Envelop-.....	J. E. Nachod	829,030	Aug. 21	2681	564-5	123	2397
Sealing machine. Vacuum can-.....	J. A. Landsberger	831,527	Sept. 18	3258	686-7	124	876
Sealing means for vessels.....	J. M. Hicks	828,936	Aug. 21	2494	528	123	2354
Sealing means for vessels.....	J. A. Hicks	833,723	Oct. 16	3455	737	124	2137
Sealing means for vessels.....	A. A. Low	838,124	Dec. 11	1695	365	125	1821
Sealing means. Hermetic.....	D. Genese	834,719	Oct. 30	5655	1200	124	2779
Sealing mechanism. Bottle-.....	E. Goltstein	808,833	Jan. 2	411	90-1	120	91
Sealing metal into glass or other vitreous material.	C. A. Ernst	832,302	Oct. 2	580	109	124	1353
Sealing or closing apertures.....	M. Engels	825,116	July 3	850	176	123	225
Seam. Can-.....	J. A. Steward	831,118	Sept. 18	2473	522	124	677
Seam for sheet-metal vessels. Solderless.....	O. Heindorf	818,438	Apr. 24	3769	810	121	2347
Seam-ripper.....	F. Peters	825,756	July 10	2235	465	123	591
Seam-ripping device.....	J. W. Ormsby	833,413	Oct. 16	2828	599	124	1991
Seam. Sheet-metal.....	N. P. Sjobring	835,478	Nov. 6	1194	258	125	300
Seams for sheet metal. Forming.....	F. H. Grafton	834,467	Oct. 30	5156	1095	124	2651
Seams in sheet metal. Forming hermetic.....	O. Heindorf	818,439	Apr. 24	3770	810	121	2347
Seaming apparatus. Can-.....	G. C. Witt	814,759	Mar. 13	1531	324	121	395
Seaming heads on cans. Machine for.....	A. D. Coleman	831,500	Sept. 18	3189	675	124	858
Seaming-machine.....	O. S. Beyer	813,034	Feb. 20	3020	665	120	2233
Seaming-machine.....	A. J. Wiza	819,329	May 1	603	127-8	122	138
Seaming machine. Can-.....	H. Diecks	819,526	May 1	969	212-13	122	217
Seaming machine. Can-.....	J. A. Steward	821,134	May 22	4324	920-1	122	1140
Seaming-machine for sheet-metal articles.....	B. J. Lindgren and J. Humel- buehler	827,163	July 31	5079	1056	123	1349
Seamless bag or sack and making the same.....	K. Sano	822,155	May 29	6334	1347	122	1646
Search-light.....	M. Carlisle	835,702	Nov. 13	1620	345	125	451
Search-light projectors. Control system for.....	J. L. Hall	822,271	June 5	90	18-19	122	1748
Seasickness on ships, &c. Device for preventing.....	H. Rinne	833,633	Oct. 16	3282	698	124	2098
Seat:							
See Adjustable seat. Metal seat.							
Automobile-seat. Reel-seat.							
Car-seat. Safety-seat.							
Chair-seat. Spring-seat.							
Closet-seat. Table-seat.							
Closet-bowl seat. Vehicle-seat.							
Counter-seat. Vehicle rear seat.							
Disappearing seat. Wagon-seat.							
Elastic seat. Water-closet seat.							
Folding seat.							
Seat and life-raft. Combined.....	C. and C. S. Taylor	816,891	Apr. 3	685	141	121	1510
Seat-back.....	B. L. Field	816,545	Mar. 27	5221	1107	121	1293
Seat-back. Folding.....	C. E. Marchessault	815,190	Mar. 13	2396	499	121	580
Seat-back for drivers' seats.....	R. H. Yale	827,775	Aug. 7	175	36	123	1713
Seat-back for drivers' seats.....	R. H. Yale	827,776	Aug. 7	176	36	123	1713
Seat-back. Portable knockdown.....	J. L. Amann	823,199	June 12	1970	410	122	2207
Seat-back. Removable.....	W. L. C. Chambers	814,766	Mar. 13	1548	327	121	398
Seat-back support.....	A. C. Clark	822,506	June 5	536	110	122	1843
Seat-cushion.....	H. S. Hale	811,289	Jan. 30	5448	1135	120	1343
Seat for circuses and the like.....	W. H. Curtis	839,058	Dec. 18	3478	752	125	2300
Seat-frame.....	A. F. Olds and E. G. Budd	825,751	July 10	2228	464	123	589
Seat-frame.....	E. G. Budd	825,804	July 10	2321	484	123	612
Seat-spider.....	H. W. Bolens	824,232	June 26	3965	849	122	2756
Seat structure. Spring-.....	J. H. Cook	816,075	Mar. 27	4257	902	121	1085
Secondary battery.....	E. L. Oppermann	815,628	Mar. 20	3303	.....	121	827
Secondary battery.....	W. Gardiner	827,861	Aug. 7	338	72	123	1754
Secondary battery.....	W. Gardiner	827,968	Aug. 7	551	113	123	1809
Secondary battery.....	L. H. Flanders	836,107	Nov. 20	2377	502	125	687
Section-liner.....	C. S. Shilling and A. L. Link	822,160	May 29	6340	1349	122	1647
Section-liner.....	J. M. Riedel	826,471	July 17	3583	747	123	937
Sectional boiler.....	M. A. Cook	821,705	May 29	5472	1165	122	1449
Sectional boiler.....	A. Hage	838,782	Dec. 18	2987	643-4	125	2180
Sectional case.....	C. P. Byrnes	810,033	Jan. 16	2866	592	120	713
Sectional or compartment can.....	E. W. Carnes	819,336	May 1	616	130	122	142
Sectional tank.....	L. C. Jaques and G. Sillman	830,449	Sept. 4	1095	229	124	271
Securing device.....	M. A. Rollman	834,849	Oct. 30	5932	1259	124	2847
Seed and grain cleaning machine.....	F. A. Powers	814,918	Mar. 13	1819	381	121	455
Seed and recovering lint. System of delinting cotton.	W. A. Ragsdale	821,257	May 22	4551	969	122	1191
Seed-cleaning apparatus.....	D. P. Cooley	816,560	Apr. 3	14	4	121	1357
Seed-cleaning apparatus. Cotton-.....	P. T. Rood	822,478	June 5	474	96	122	1828
Seed-cleaning machine. Clover-.....	T. M. Prine	818,118	Apr. 17	3128	674	121	2155
Seed-delinting machine. Cotton-.....	W. A. Ragsdale	821,254	May 22	4540	966-7	122	1189
Seed-delinting machine. Cotton-.....	W. A. Ragsdale	821,255	May 22	4543	967-8	122	1190
Seed-delinting machine. Cotton-.....	W. A. Ragsdale	821,256	May 22	4546	968	122	1190
Seed-distributor.....	D. V. C. Rapp	828,504	Aug. 14	1637	345-6	123	2104
Seed-dropper.....	J. D. Buckley	818,936	Apr. 24	4772	1025-6	121	2563
Seed from clover and alfalfa seed. Separating buck- horn and plantain	S. P. Glunt	813,495	Feb. 27	3959	868	120	2496
Seed hullers. Cylinder-knife for cotton-.....	M. W. Faherty	824,002	June 19	3540	755	122	2606
Seed. Milling cotton-.....	H. E. Hawk	825,534	July 10	1746	367	123	468
Seed-recleaning process. Clover-.....	S. Herr	813,890	Feb. 27	4735	1047	120	2663
Seed-separating apparatus.....	E. Potter	826,191	July 17	3049	633	123	807
Seed-separator.....	E. C. Foltz	823,111	June 12	1779	367	122	2163
Seed-separator.....	S. P. Glunt	835,517	Nov. 13	1278	274	125	367
Seed separator. Berry-.....	H. Holton	818,445	Apr. 24	3776	812	121	2349
Seed separator. Cotton-.....	J. C. Winder	822,416	June 5	358	75	122	1804
Seed-tester.....	M. Rahr and H. B. Bauer	836,993	Nov. 27	4208	895	125	1171
Seed-testing apparatus.....	W. Ulbrich	823,088	June 12	1733	357	122	2153
Seeds from clover and other smooth seeds. Remov- ing rough and irregular foreign	D. S. Cook	813,404	Feb. 27	3774	828	120	2452
Seeder.....	R. H. Mouser, Jr.	834,482	Oct. 30	5186	1101-2	124	2659
Seeder.....	M. H. Browning	838,947	Dec. 18	3275	708	125	2247
Seeder and cultivator. Combined grain-.....	N. R. Nelson	814,070	Mar. 6	136	27	121	31
Seeder and drill.....	F. La Bare	827,694	July 31	6245	1296-7	123	1641

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prig.	Vol.	Page.
Seeder and planter.....	G. G. Gilbertson.....	833,597	Oct. 16	3215	683-4	124	2083
Seeder. Force-feed.....	J. H. Ullrick.....	824,762	July 3	132	25	123	38
Seeder. Grass.....	W. T. and G. B. Davis.....	834,458	Oct. 30	5140	1091	124	2647
Seeders and other machines. Yielding link for.....	S. E. Davis.....	811,280	Jan. 30	5425	1131	120	1338
Seeders or drills. Feeding device for.....	S. E. Davis.....	811,203	Jan. 30	5277	1104	120	1305
Seeding and manure-spreading machine. Combined.....	D. Toscani.....	809,863	Jan. 9	2498	519	120	583
Seeding attachment.....	W. Fetzner.....	824,106	June 26	3712	792	122	2701
Seeding device.....	J. M. Oppen.....	835,979	Nov. 13	2124	456	125	572
Seeding-machine.....	L. F. Waterman.....	823,242	June 12	2068	430-1	122	2229
Seeding-machine.....	G. E. Harter.....	832,907	Oct. 9	1800	372	124	1685
Seeding-machine.....	W. L. Paul.....	834,993	Nov. 6	225	48-9	125	60
Seeding-machine. Roller.....	J. T. Mayhew.....	815,451	Mar. 20	2974	619	121	756
Seeding-machine speed device.....	F. R. Packham and G. P. Oates.....	813,734	Feb. 27	4413	973	120	2593
Seeding-machine speed device.....	S. H. Jones and E. E. Towle.....	816,331	Mar. 27	4778	1012	121	1196
Seesaw.....	F. W. Stevens.....	822,083	May 29	6188	1319	122	1612
Seesaw.....	W. J. Morgan.....	826,682	July 24	4083	847	123	1086
Seesaw.....	H. T. Kingsbury.....	834,140	Oct. 23	4507	956-7	124	2444
Seesaw.....	H. T. Kingsbury.....	834,141	Oct. 23	4509	957	124	2444
Seesaw and roundabout.....	J. Mueller.....	823,618	June 19	2805	594	122	2445
Segmental rack.....	W. H. Voss.....	817,286	Apr. 10	1472	309	121	1742
Seine.....	J. Bonny.....	825,633	July 10	1997	416	123	533
Seining apparatus.....	A. Yancey.....	837,173	Nov. 27	4563	968	125	1258
Selecting and signaling system.....	R. J. Sheehy.....	831,687	Sept. 25	3620	759	124	1009
Selective system.....	S. A. Reed.....	824,206	June 26	3910	835	122	2744
Selective system.....	S. A. Reed.....	820,429	Aug. 28	3522	739-40	123	2658
Selective system.....	W. R. Whitehorne.....	835,269	Nov. 6	787	165	125	199
Self-acting switch.....	W. H. Taylor.....	823,310	June 12	2202	459	122	2257
Self-clearing rake.....	E. C. Macartney.....	819,017	Apr. 24	4928	1058	121	2598
Self-feeding furnace.....	W. I. Ely.....	827,146	July 31	5035	1049-50	123	1337
Self-feeding or stoker furnace.....	F. F. Small.....	826,122	July 17	2931	608	123	778
Self-heating can.....	G. S. Jewett.....	818,092	Apr. 17	3091	662	121	2142
Self-leveling table.....	F. F. Meyer.....	822,680	June 5	902	184	122	1928
Self-lubricating wheel.....	T. G. Aultman.....	811,356	Jan. 30	5567	1162	120	1368
Self-lubricating wheel.....	E. D. McDonald.....	832,994	Oct. 9	1959	409	124	1723
Self-oiling wheel.....	E. E. Stouffer.....	829,680	Aug. 28	4070	862	123	2794
Semaphore.....	C. Hansel.....	811,292	Jan. 30	5452	1136	120	1344
Semaphore.....	C. H. Williams.....	817,603	Apr. 10	2091	442	121	1872
Semaphore.....	J. F. Webb.....	825,991	July 17	2670	554-5	123	714
Semaphore.....	J. F. Webb, Jr.....	830,629	Sept. 11	1493	308-10	124	400
Semaphore. Electric.....	J. F. Webb.....	829,132	Aug. 21	2909	611-12	123	2460
Semaphore mechanism.....	B. O. Wagner.....	809,237	Jan. 2	1247	255	120	275
Semaphore-signals. Spectacle-frame for.....	H. M. Abernethy.....	829,310	Aug. 21	3276	690	123	2550
Semen-carrier.....	J. C. Seeland.....	838,753	Dec. 18	2922	630	125	2165
Separating device.....	D. K. Swartwout.....	815,656	Mar. 20	3360	703	121	840
Separating-machine.....	H. Baldwin.....	812,972	Feb. 20	2906	641	120	2209
Separating-machine.....	F. Lauhoff.....	837,311	Dec. 4	69	19	125	1371
Separating substances of different dielectric capacities.....	H. M. Sutton, W. L. and E. G. Steele.....	813,063	Feb. 20	3087	676	120	2250
Separating-tank.....	E. B. Kirby.....	838,626	Dec. 18	2694	577-8	125	2108
Separator:							
See Air-separator. Liquid-separator.							
Battery-plate separator. Magnetic separator.							
Butter-separator. Milk and cream separator.							
Centrifugal separator. Oil-separator.							
Coal-separator. Oil and feed-water separator.							
Corn-separator. Oil and water separator.							
Cotton-separator. Ore-separator.							
Cream-separator. Potato-separator.							
Egg-separator. Sand and slime separator.							
Electrostatic separator. Seed-separator.							
Gas, oil, water, and sand separator. Sewing-machine loop-separator.							
Gold-separator. Spiral separator.							
Grain-separator. Steam-separator.							
Graphite-separator. Stitch-separator.							
Gravity-separator. Teeth-separator.							
Grease-separator.							
Hair-separator.							
Lift-separator.							
Separator.....	J. D. Crane.....	810,625	Jan. 23	4135	854	120	1024
Separator.....	F. R. Willson, Jr.....	811,192	Jan. 30	5254	1099-1100	120	1301
Separator.....	H. M. Hardgrove.....	812,340	Feb. 13	1671	367-8	120	1906
Separator.....	G. Boettler.....	816,067	Mar. 27	4240	898	121	1081
Separator.....	G. A. Anderson.....	818,216	Apr. 17	3331	714	121	2199
Separator.....	A. J. Arthur.....	825,793	July 10	2303	480	123	607
Separator.....	J. H. Bartlett and F. H. Brown.....	825,796	July 10	2308	481	123	608
Separator.....	F. Meyer.....	826,731	July 24	4175	867-8	123	1107
Separator.....	J. F. Custard.....	832,012	Sept. 25	4259	890-1	124	1170
Separator.....	E. W. Gans and W. H. Gorham.....	834,378	Oct. 30	4998	1057-8	124	2611
Separator.....	G. W. Christoph.....	836,922	Nov. 27	4068	868	125	1137
Separator.....	R. D. Jeffreys.....	837,623	Dec. 4	687	158	125	1525
Separator.....	O. M. Morse.....	837,705	Dec. 4	864	195	125	1569
Separator-bowls. Distributing device for centrifugal.....	N. S. Bök.....	832,837	Oct. 9	1657	341	124	1650
Separator-tooth.....	H. R. Robinson.....	811,441	Jan. 30	5719	1197	120	1399
Separators. Automatic distributor for blower.....	G. Geisendorfer and W. A. Allen.....	816,460	Mar. 27	5038	1070	121	1251
Separators. Driving mechanism for centrifugal.....	W. C. Hartmann.....	817,913	Apr. 17	2726	591-2	121	2068
Service-box closure.....	B. F. Stoltzfus.....	832,093	Oct. 2	134	29	124	1245
Settee or chair.....	A. P. Boyer.....	823,102	June 12	1759	362	122	2159
Setting.....	G. W. Dover.....	813,084	Feb. 20	3123	684	120	2257
Setting.....	J. A. Doran.....	829,388	Aug. 25	3445	724	123	2638
Setting.....	G. W. Dover.....	837,615	Dec. 4	678	156	125	1523
Setting-die.....	W. S. Elliot.....	833,515	Oct. 16	3045	646	124	2041
Settling-tank.....	J. M. Callow.....	824,279	June 26	4048	867	122	2774

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sewage, &c. Apparatus for separation of solid matters from	C. Kremer.....	839,396	Dec. 25	4186	897	125	2530
Sewage-clearing vat.....	B. Schmidt.....	828,515	Aug. 14	1666	351	123	2111
Sewage-disposal.....	J. W. Keegan.....	836,323	Nov. 20	2831	601	125	801
Sewage-disposal apparatus.....	J. W. Keegan.....	836,386	Nov. 20	2952	625	125	828
Sewage-ejector.....	F. Meyers and C. T. Hildebrandt.	821,050	May 22	4154	883	122	1103
Sewage or the like screen.....	F. Brunotte.....	819,720	May 8	1358	293	122	365
Sewage-treating apparatus.....	M. V. Smith.....	817,996	Apr. 17	2890	624-5	121	2106
Sewer and culvert mold.....	H. Besser.....	820,759	May 15	3493	749	122	898
Sewer and other pipe ventilator.....	G. W. Evans.....	810,733	Jan. 23	4320	898	120	1066
Sewer and similar pipes. Device for cutting vegetable and other growths from the inner surfaces of	C. W. Ross.....	813,739	Feb. 27	4419	974-5	120	2594
Sewer appurtenance.....	F. E. Shaw.....	821,675	May 29	5404	1151	122	1433
Sewer backwater and testing trap.....	G. Cody.....	826,404	July 17	3452	716	123	903
Sewer-base.....	G. Rader.....	838,354	Dec. 11	2158	468	125	1933
Sewer-cleaner.....	J. M. Thompson.....	813,028	Feb. 20	3012	663	120	2231
Sewer-gas trap.....	J. P. Putnam.....	827,324	July 31	5388	1120	123	1424
Sewer, &c., mold.....	J. B. Blaw. (Reissue).....	12,532	Sept. 18	3264	687	124	877
Sewer-opener.....	D. Hymes.....	834,135	Oct. 23	4501	955	124	2442
Sewer-pipe.....	F. E. Shaw.....	823,141	June 12	1840	379	122	2176
Sewer-pipe.....	G. Feltz and W. S. East.....	826,414	July 17	3470	721	123	908
Sewer-pipe back-pressure trap.....	P. J. Bode.....	810,390	Jan. 23	3650	750-1	120	915
Sewer-pipe-junction cutter.....	J. E. Minter.....	827,070	July 24	4839	1007	123	1271
Sewer-traps. Combined ventilator and clean-out for	T. F. Foley.....	827,858	Aug. 7	333	71	123	1753
Sewers. Flushing-tank for.....	R. C. De La Hunt.....	818,875	Apr. 24	4659	1000	121	2539
Sewed-article seam.....	L. Onderdonk.....	811,789	Feb. 6	484	104-5	120	1589
Sewed-article seam.....	L. Onderdonk.....	811,790	Feb. 6	484	105	120	1589
Sewed-article seam.....	J. L. Patterson.....	812,802	Feb. 13	2556	562	120	2086
Sewed articles. Seam for.....	J. G. Lewis.....	830,481	Sept. 4	1180	246	124	292
Sewing and cutting machine.....	J. Diehl.....	812,409	Feb. 13	1809	396	120	1934
Sewing and embroidering machine.....	R. Cornely.....	826,764	July 24	4245	882	123	1127
Sewing-cabinet.....	V. H. Bogardus.....	818,073	Apr. 17	3037	656	121	2135
Sewing implement.....	J. N. Hill.....	839,761	Dec. 25	4943	1055	125	2705
Sewing-machine.....	W. M. Ammerman.....	809,600	Jan. 9	2017	418	120	474
Sewing-machine.....	O. D. Shaw.....	809,989	Jan. 16	2761	568	120	691
Sewing-machine.....	C. Pedersen.....	811,578	Feb. 6	90	18-19	120	1505
Sewing-machine.....	G. L. Corcoran and G. A. Dobyne.....	812,641	Feb. 13	2259	491-2	120	2024
Sewing-machine.....	J. Vannette.....	813,929	Feb. 27	4806	1061-2	120	2677
Sewing-machine.....	C. A. Dearborn.....	814,025	Mar. 6	49	10	121	13
Sewing-machine.....	G. Riel.....	814,730	Mar. 13	1475	309-10	121	383
Sewing-machine.....	E. F. Durand.....	817,475	Apr. 10	1855	389-90	121	1823
Sewing-machine.....	P. E. Schoen.....	819,811	May 8	1552	330	122	410
Sewing-machine.....	W. Jasper.....	820,873	May 15	3733	797	122	950
Sewing-machine.....	C. Pedersen.....	821,826	May 29	5709	1217-18	122	1504
Sewing-machine.....	A. A. MacKenzie.....	825,741	July 10	2208	459-60	123	584
Sewing-machine.....	F. L. Harmon.....	826,570	July 24	3859	798-9	123	1026
Sewing-machine.....	S. Arnold.....	829,937	Aug. 28	4645	975-6	123	2936
Sewing-machine.....	W. C. Free.....	830,059	Sept. 4	297	60	124	73
Sewing-machine.....	H. Mundlos.....	830,353	Sept. 4	909	187-8	124	224
Sewing-machine.....	J. Bolton and J. Weiss.....	830,562	Sept. 11	1355	282	124	364
Sewing-machine.....	W. Arbetter.....	830,699	Sept. 11	1650	339-40	124	445
Sewing-machine.....	G. Riel.....	832,211	Oct. 2	399	73	124	1309
Sewing-machine.....	W. Wilson.....	834,436	Oct. 30	5102	1083	124	2636
Sewing-machine.....	E. C. Ives.....	837,269	Nov. 27	4744	1005	125	1303
Sewing-machine.....	L. Onderdonk.....	839,078	Dec. 18	3520	762	125	2311
Sewing-machine attachment.....	B. Fleigel.....	831,334	Sept. 18	2889	613	124	781
Sewing-machine attachment. Fur.....	C. B. Johnson.....	809,265	Jan. 2	1310	266	120	288
Sewing-machine attachment guide.....	G. J. Stevens.....	829,126	Aug. 21	2891	607	123	2457
Sewing-machine band or tape guiding device.....	J. R. Moffatt.....	836,198	Nov. 20	2576	543	125	735
Sewing-machine. Blindstitch.....	D. Flanagan.....	819,642	May 1	1193	260-1	122	268
Sewing-machine. Blindstitch.....	J. E. Feifel.....	826,094	July 17	2879	597	123	766
Sewing-machine. Blindstitching.....	F. Herman.....	814,603	Mar. 6	1201	251-2	121	260
Sewing-machine bobbin-case.....	W. R. Abercrombie.....	814,341	Mar. 6	701	141	121	154
Sewing-machine bobbin-case.....	E. L. Bowers.....	819,688	May 1	1285	280	122	288
Sewing-machine bobbin-case.....	W. I. Porter.....	832,414	Oct. 2	796	153	124	1403
Sewing-machine bobbin-winder.....	G. M. Eames and J. S. Finch.....	809,911	Jan. 9	2594	534	120	603
Sewing-machine box-plaiting attachment.....	J. F. Wilkinson.....	828,589	Aug. 14	1807	381	123	2148
Sewing machine. Broom.....	A. E. Miller.....	820,980	May 22	4017	853-5	122	1073
Sewing machine. Broom.....	A. E. Miller.....	825,402	July 10	1436	300-2	123	391
Sewing machine. Broom.....	A. E. Miller.....	827,169	July 31	5088	1058-61	123	1351
Sewing machine. Button.....	C. A. Powell.....	822,551	June 5	626	126	122	1864
Sewing machine. Button.....	C. A. Dahl.....	828,844	Aug. 14	2298	490	123	2273
Sewing-machine button-sewing attachment.....	C. E. Ongle.....	816,815	Apr. 3	521	113	121	1473
Sewing machine. Buttonhole.....	H. C. Miller.....	810,297	Jan. 16	3419	707-8	120	828
Sewing-machine buttonhole attachment.....	F. J. Freda.....	808,914	Jan. 2	582	128	120	127
Sewing-machine buttonhole-cutting device.....	E. B. Allen.....	815,501	Mar. 20	3058	637-8	121	774
Sewing-machine cabinet.....	G. Baumann.....	809,240	Jan. 2	1255	256	120	277
Sewing-machine cabinet.....	E. G. Johanson.....	814,450	Mar. 6	912	187	121	199
Sewing-machine cabinet.....	M. Graaf.....	837,620	Dec. 4	684	157	125	1524
Sewing machine. Carpet.....	D. W. Robinson.....	826,275	July 17	3210	666	123	844
Sewing machine. Carpet.....	J. H. Hood.....	838,332	Dec. 11	2118	457-9	125	1925
Sewing-machine. Chain-stitch.....	L. Onderdonk.....	839,077	Dec. 18	3517	761	125	2310
Sewing-machine clamp. Buttonhole.....	J. Kiewicz.....	814,216	Mar. 6	419	86	121	91
Sewing-machine cloth-feeding mechanism.....	D. Flanagan.....	820,354	May 8	2685	586	122	661
Sewing-machine edge-guide.....	L. B. Bagley.....	835,491	Nov. 13	1231	265	125	355
Sewing-machine embroidering attachment.....	J. S. Jacobs.....	811,146	Jan. 30	5155	1078	120	1278
Sewing-machine embroidering attachment.....	R. L. Rodman.....	823,442	June 12	2433	513	122	2305
Sewing-machine fan attachment.....	L. Weinstein and J. Perlstein.....	809,416	Jan. 9	1650	339	120	395
Sewing-machine feed.....	W. Duchemin.....	817,304	Apr. 10	1502	315	121	1747
Sewing-machine feed and loop-taker actuating mechanism.....	M. Hemleb.....	809,566	Jan. 9	1932	401	120	458
Sewing-machine feed mechanism.....	C. A. Dearborn.....	814,026	Mar. 6	58	11	121	15
Sewing-machine feed mechanism.....	J. E. Feifel.....	826,497	July 17	3694	765	123	971
Sewing-machine feed-regulating device.....	M. Hemleb.....	809,945	Jan. 16	2676	552	120	673

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sewing-machine feeding mechanism	W. M. Ammerman	809,661	Jan. 9	2135	442-3	120	499
Sewing-machine feeding mechanism	P. Diehl and A. Grieb	814,027	Mar. 6	62	11	121	15
Sewing-machine feeding mechanism	C. F. Gray	821,587	May 22	5209	1111-12	122	1334
Sewing-machine feeding mechanism	L. Onderdonk	839,076	Dec. 18	3516	760	125	2309
Sewing-machine feller-foot	M. Hoffert	821,491	May 22	5040	1073	122	1299
Sewing-machine. Filled-sack	M. C. Ellison	822,931	June 12	1392	291-2	122	2078
Sewing-machine folder	A. H. De Voe	814,944	Mar. 13	1870	393	121	465
Sewing-machine folding and guiding attachment	R. G. Woodward	815,134	Mar. 13	2277	476	121	552
Sewing-machine folding attachment	M. A. E. Luhrs	815,026	Mar. 13	2060	431	121	504
Sewing-machine foot. Shoe	F. W. Parkhurst	834,072	Oct. 23	4345	923-4	124	2400
Sewing-machine for manufacturing smocked plaits	E. K. A. Meumann and M. J. Hirsch	838,348	Dec. 11	2147	465-6	125	1931
Sewing-machine guide	H. Bryce	814,513	Mar. 6	1029	212-13	121	224
Sewing-machine guide	B. Fleigel	815,342	Mar. 20	2742	571	121	704
Sewing-machine guide	P. Sandier	820,523	May 15	3056	658	122	802
Sewing-machine heating device	C. Pedersen	811,581	Feb. 6	94	20	120	1506
Sewing-machine. Hemstitch	C. M. Abercrombie	833,277	Oct. 16	2543	531-2	124	1920
Sewing-machine implement holder	M. J. Davis	808,639	Jan. 2	38	8	120	11
Sewing-machine. Interchangeable lock and chain stitch	W. M. Ammerman	809,660	Jan. 9	2132	442	120	499
Sewing-machine locating-gage	H. C. Miller	822,535	June 5	593	119-20	122	1857
Sewing-machine loop-spreader	C. Pedersen	811,579	Feb. 6	92	19	120	1505
Sewing-machine. Looped-fabric	H. Starr and F. L. Nichols	809,855	Jan. 9	2485	517	120	580
Sewing-machine looper-operating mechanism	L. Onderdonk	839,075	Dec. 18	3514	759-60	125	2309
Sewing-machine. Mattress	C. N. Phelps	810,882	Jan. 23	4606	960-2	120	1126
Sewing-machine motor	H. R. Wellman	820,327	May 8	2637	574-5	122	650
Sewing-machine needle and shuttle guard	G. L. Corcoran and G. A. Dobyne	833,954	Oct. 23	3974	844	124	2317
Sewing-machine needle-chart	J. H. Boye	838,945	Dec. 18	3273	707	125	2246
Sewing-machine needle-guide	C. Pedersen	811,580	Feb. 6	93	20	120	1505
Sewing-machine needle-motion	C. M. Abercrombie	828,294	Aug. 14	1215	252	123	1997
Sewing-machine needle-threader	S. Blumenthal	813,138	Feb. 20	3250	714	120	2285
Sewing-machine. Overseaming	R. G. Woodward	837,529	Dec. 4	459	112-13	125	1478
Sewing-machine presser-foot	R. G. Woodward	821,773	May 29	5604	1194	122	1480
Sewing-machine presser-foot	A. Bivins	822,340	June 5	228	46	122	1776
Sewing-machine presser-foot	J. A. Stoltzman	829,679	Aug. 28	4069	862	123	2793
Sewing-machine presser-foot	R. G. Woodward	839,055	Dec. 18	3473	750	125	2299
Sewing-machine presser-foot	W. W. Bewsic	839,706	Dec. 25	4826	1031	125	2675
Sewing-machine presser-foot lifter	A. L. Madison	818,896	Apr. 24	4693	1007	121	2545
Sewing-machine reel-case	D. Flanagan	820,355	May 8	2686	587	122	661
Sewing-machine rotary loop-taker	G. H. Dimond and W. F. Dial	812,410	Feb. 13	1813	397	120	1935
Sewing-machine. Rotary-shuttle	A. H. Yorke	837,600	Dec. 4	647	143-9	125	1514
Sewing-machine ruffler	J. M. Greist	822,892	June 5	1309	270	122	2012
Sewing-machine ruffler	W. James	833,217	Oct. 16	2424	508	124	1889
Sewing-machine ruffling mechanism	A. Laubscher	809,922	Jan. 9	2617	540-1	120	609
Sewing-machine sewing-receptacle. Folding	E. E. Boller	830,638	Sept. 11	1518	314	124	408
Sewing-machine. Shoe	F. L. Alley	827,699	Aug. 7	4	1	123	1671
Sewing-machine. Shoe	J. B. Hadaway	838,182	Dec. 11	1830	392	125	1856
Sewing-machine. Shoe	J. B. Hadaway	838,183	Dec. 11	1832	392-3	125	1856
Sewing-machine shuttle-actuating mechanism	G. L. Corcoran and G. A. Dobyne	815,069	Mar. 13	2133	449-50	121	520
Sewing-machine shuttle-actuating mechanism	A. B. Fowler	820,964	May 22	3976	844	122	1065
Sewing-machine shuttle holder and driver	P. J. Hanley	811,499	Jan. 30	5811	1216	120	1418
Sewing-machine speed-controller	H. R. Schweinler	821,129	May 22	4313	918	122	1137
Sewing-machine stand	G. D. Cooper	816,300	Mar. 27	4688	996	121	1178
Sewing-machine stitch-forming means	R. L. Lyons	818,840	Apr. 24	4595	986	121	2525
Sewing-machine stitch-forming mechanism	C. A. Dearborn	814,642	Mar. 6	1275	268-9	121	276
Sewing-machine stitch-forming mechanism. Buttonhole	D. Noble and J. S. Finch	825,152	July 3	921	195	123	243
Sewing-machine stop-motion	C. J. W. Hayes and C. J. Siebert	829,238	Aug. 21	3077	647	123	2503
Sewing-machine table	J. H. Thompson	823,005	June 12	1543	321	122	2113
Sewing-machine tables. Cabinet-work for	T. Kundtz	809,960	Jan. 16	2708	558	120	679
Sewing-machine tables. Cabinet-work for	T. Kundtz and A. Eiben	825,546	July 10	1777	375	123	476
Sewing-machine take-up	L. Onderdonk	827,652	July 31	6134	1274-5	123	1610
Sewing-machine take-up	L. Onderdonk	827,653	July 31	6136	1275	123	1611
Sewing-machine take-up	L. Onderdonk	827,654	July 31	6138	1275	123	1611
Sewing-machine take-up	C. Pedersen	836,208	Nov. 20	2504	546-7	125	741
Sewing-machine take-up mechanism	L. Onderdonk	827,655	July 31	6139	1275	123	1612
Sewing-machine take-up mechanism	R. G. Woodward	836,849	Nov. 27	3897	832	125	1098
Sewing-machine tension	W. Wilson	834,600	Oct. 30	5410	1147	124	2715
Sewing-machine tension device	D. S. Drysdale	820,290	May 8	2583	563	122	638
Sewing-machine thread-case	P. Diehl	815,517	Mar. 20	3086	643	121	780
Sewing-machine thread-controlling device	C. V. Bauer	822,337	June 5	224	46	122	1775
Sewing-machine thread-cutter	S. Mendel	813,811	Feb. 27	4561	1009	120	2625
Sewing-machine thread-measurer	C. Pedersen	811,583	Feb. 6	97	21-2	120	1506
Sewing-machine thread-measuring mechanism. Boot and shoe	M. T. Denne	818,360	Apr. 17	3605	773	121	2256
Sewing-machine trimmer and binder	J. Higgins	815,428	Mar. 20	2933	608-9	121	747
Sewing-machine trimming attachment	W. E. Rink	812,153	Feb. 6	1262	276	120	1746
Sewing-machine trimming mechanism	W. A. Neely	826,596	July 21	3919	811-12	123	1042
Sewing-machine tuck-forming attachment	R. G. Woodward and C. McNeil	821,774	May 29	5605	1194	122	1480
Sewing-machine tuck-forming attachment	R. G. Woodward and C. McNeil	821,775	May 29	5608	1195	122	1481
Sewing-machine tuck-guide	S. Friedman	812,558	Feb. 13	2108	462	120	1996
Sewing-machine tuck-marker	A. S. Dickinson	824,711	July 3	27	4	123	11
Sewing-machine tucker	C. P. Oldham	823,072	June 12	1683	348	122	2142
Sewing-machine tucking-guide	E. Serodino	829,298	Aug. 21	3257	686	123	2545
Sewing-machine. Two-needle	R. Haase	836,250	Nov. 20	2693	572-3	125	766
Sewing-machine. Wax-thread	M. D. Hebert	819,065	May 1	54	12	122	15
Sewing-machine wax-pot	G. L. Corcoran and G. A. Dobyne	809,428	Jan. 9	1672	342	120	399
Sewing-machine. Whip-stitch	K. Maier	832,740	Oct. 9	1449	232-3	124	1601
Sewing-machine work attachment	S. L. Bailey	829,830	Aug. 28	4392	926-7	123	2872
Sewing-machine work-holding device	J. G. Lewis and C. W. Bagley	814,057	Mar. 6	114	22	121	26
Sewing-machines. Chain-stitch looper for lock-stitch	A. G. Lamb	827,641	July 31	6111	1270	123	1604
Sewing-machines. Chain-stitch looper for lock-stitch	A. G. Lamb	827,642	July 31	6115	1270	123	1605
Sewing-machines for felling, &c. Attachment for	G. J. Stevens	829,442	Aug. 28	3564	751-2	123	2668
Sewing machines. Guard for inseam	C. I. Fuller	835,513	Nov. 13	1271	272	125	365
Sewing-machines. Heating system for wax-thread	G. L. Corcoran and G. A. Dobyne	818,417	Apr. 24	3727	800	121	2338

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sewing-machines. Mechanism for adjusting the lengths of stitches in	C. Pedersen.....	811,582	Feb. 6	95	20-1	120	1506
Sewing-machines. Needle and pull-off shifting mechanism for	R. G. Woodward.....	837,255	Nov. 27	4720	1000	125	1297
Sewing machines. Signature-support for book-.....	J. R. Reynolds.....	837,341	Dec. 4	129	33	125	1386
Sewing machines. Work guide-button for button-hole-	D. B. Ashman.....	832,831	Oct. 9	1645	338	124	1647
Sewing mechanism. Button-.....	A. A. Bouton.....	820,089	May 8	2186	476-7	122	550
Sewing sweat-bands in hats. Machine for	A. Laubscher.....	819,442	May 1	821	176-7	122	184
Sewing sweat-bands in hats. Machine for	A. Laubscher.....	822,135	May 29	6287	1339-40	122	1634
Shackle. Chain-link.....	G. A. H. Dresler.....	819,007	Apr. 24	4908	1054	121	2593
Shade.....	L. W. Haight and W. E. Chapman.	816,316	Mar. 27	4718	1001-2	121	1184
Shade adjuster. Window-	A. A. Schramm.....	833,804	Oct. 23	3623	775	124	2225
Shade and curtain bracket.....	W. J. Connell and L. C. Lowe	822,722	June 5	995	203	122	1947
Shade and curtain bracket. Adjustable window	A. Dennis.....	824,067	June 19	3652	777	122	2629
Shade and curtain clamp-bracket.....	C. W. Moore.....	830,245	Sept. 4	695	138	124	176
Shade and curtain fixture.....	C. S. Staten.....	821,133	May 22	4322	920	122	1140
Shade and curtain fixture.....	W. Felger.....	825,306	July 10	1230	259	123	339
Shade and curtain fixture. Adjustable	W. H. Farrell.....	836,247	Nov. 20	2687	571	125	764
Shade and curtain hanger. Window	L. D. Davidson.....	828,599	Aug. 14	1824	384	123	2152
Shade and curtain roller support. Combined.	O. B. Reed.....	815,120	Mar. 13	2245	470-1	121	545
Shade and curtain support. Adjustable	J. Stoecklein and J. C. Turner.	827,826	Aug. 7	273	56	123	1738
Shade and curtain support. Combined	J. J. Harper.....	830,319	Sept. 4	845	173	124	211
Shade and globe holder.....	F. Eckert.....	834,113	Oct. 23	4444	944	124	2425
Shade and lace-curtain fixture. Adjustable	W. A. Penfield.....	837,716	Dec. 4	886	200	125	1575
Shade and lace-curtain holder. Combined window-	G. E. West.....	822,226	May 29	6470	1373	122	1677
Shade and roller adjustment. Window-	J. N. Freson.....	837,555	Dec. 4	548	128	125	1492
Shade-bracket.....	A. Holmes.....	815,294	Mar. 13	2589	545	121	624
Shade-bracket.....	H. Meyer.....	815,195	Mar. 13	2401	500	121	581
Shade-bracket.....	E. A. Remund.....	826,358	July 17	3373	697	123	885
Shade-bracket. Adjustable	G. W. Newton and A. M. Carl.	836,602	Nov. 20	3361	716	125	927
Shade-bracket and curtain-holder. Combination	T. Thistlewood.....	826,386	July 17	3422	709	123	896
Shade-bracket and curtain-pole support.....	J. C. Miller.....	819,362	May 1	671	141	122	153
Shade-bracket and curtain-pole support. Combined	J. E. Forehand.....	816,855	Apr. 3	612	128	121	1494
Shade-bracket and support.....	W. T. Slawoszewski.....	828,250	Aug. 7	1087	229	123	1935
Shade bracket. Window-	J. A. Charlton.....	836,242	Nov. 20	2676	568	125	762
Shade bracket. Window-	E. M. Ruff.....	811,874	Feb. 6	647	142	120	1622
Shade bracket. Window-	A. B. Dunkle.....	812,262	Feb. 13	1522	332	120	1872
Shade bracket. Window-	W. D. Grippin.....	838,181	Dec. 11	1830	391	125	1856
Shade-cloth trimmer.....	F. W. Orchard.....	816,247	Mar. 27	4583	975	121	1154
Shade-cord attachment. Window-	E. F. Hartshorn.....	819,064	May 1	52	11	122	15
Shade fastening. Window-	G. A. Demo.....	818,359	Apr. 17	3604	772	121	2256
Shade-fixture.....	C. L. Hopkins.....	810,279	Jan. 16	3383	700	120	821
Shade-fixture.....	S. L. Skinner.....	812,242	Feb. 13	1477	323	120	1861
Shade-fixture.....	H. B. Turner.....	819,957	May 8	1873	414	122	478
Shade-fixture.....	S. Stewart.....	823,745	June 19	3040	643	122	2496
Shade fixture. Window-	J. M. Murdock.....	815,621	Mar. 20	3284	588	121	823
Shade fixture. Window-	W. D. Harper.....	821,412	May 22	4889	1038	122	1266
Shade fixture. Window-	J. F. and M. N. Cannon	824,707	July 3	22	3	123	10
Shade fixture. Window-	D. G. Munday.....	825,926	July 17	2541	528-9	123	677
Shade fixture. Window-	D. Hoyt.....	834,577	Oct. 30	5365	1138-9	124	2704
Shade for artificial lights. Composite.	O. A. Mygatt.....	823,622	June 19	2814	596	122	2446
Shade for windows or the like. Adjustable.	J. J. Dennis.....	835,603	Nov. 13	1449	310	125	409
Shade goods. Machine for trimming and applying	E. O. Engberg. (Reissue)	12,445	Feb. 6	1311	286-7	120	1757
Shade guide. Window-	A. B. Rush.....	831,631	Sept. 25	3480	730	124	969
Shade-hanger.....	O. Linebarger.....	814,149	Mar. 6	291	58	121	64
Shade-hanger.....	L. T. Alton.....	831,027	Sept. 18	2259	477	124	631
Shade-hanger.....	J. K. Putnam.....	834,752	Oct. 30	5707	1212	124	2791
Shade-holder.....	A. S. Marten and C. J. Eichhorn	815,545	Mar. 20	3147	658-9	121	793
Shade-holder.....	W. W. Abbott.....	820,164	May 8	2330	507	122	581
Shade-holder.....	C. W. Dauber.....	824,978	July 3	606	121	123	160
Shade-holder coupling.....	E. F. Pierce.....	831,628	Sept. 25	3471	729	124	965
Shade-holder. Universal	J. S. Rymill, W. A. Painter, and J. C. Miller.	821,891	May 29	5826	1239	122	1529
Shade holder. Window-	J. Renner.....	809,221	Jan. 2	1193	244	120	264
Shade or canopy supporting bracket.....	W. H. Burden.....	818,937	Apr. 24	4774	1026	121	2564
Shade-pull.....	M. J. Clark.....	829,320	Aug. 21	3300	696	123	2556
Shade roll-drop. Window-	C. L. Webster.....	822,031	May 29	6090	1297	122	1589
Shade-roller.....	L. T. Bulley.....	808,722	Jan. 2	200	43	120	46
Shade-roller.....	W. D. Janes.....	812,134	Feb. 6	1192	261	120	1732
Shade-roller.....	R. J. Berthoud.....	831,137	Sept. 18	2507	529	124	685
Shade-roller and curtain-pole support.....	J. Herr.....	810,142	Jan. 16	3091	638	120	760
Shade-roller and support therefor.....	O. S. Brown.....	818,516	Apr. 24	3930	846	121	2379
Shade-roller attachment.....	W. B. Reynolds and E. B. McCarthy.	837,119	Nov. 27	4463	947	125	1235
Shade-roller bearing.....	W. D. Janes.....	831,075	Sept. 18	2386	501	124	661
Shade-roller bracket.....	C. L. Beam.....	820,693	May 15	3362	721	122	866
Shade-roller bracket.....	H. S. Dunbar.....	823,997	June 19	3532	753	122	2604
Shade-roller bracket.....	W. G. Kramer.....	826,107	July 17	2909	604	123	773
Shade-roller bracket.....	J. M. Rhett.....	827,669	July 31	6184	1284	123	1623
Shade-roller bracket. Adjustable.....	H. L. Meadowcroft.....	814,226	Mar. 6	436	90	121	94
Shade-roller pulley. Window-	L. Z. Pouliot.....	816,820	Apr. 3	533	114	121	1476
Shade-roller raising, lowering, and supporting device.	W. N. Dunn.....	827,688	July 31	6231	1294	123	1637
Shade-roller raising, lowering, and supporting device.	W. N. Dunn. (Reissue)	12,577	Dec. 11	2473	536	125	2011
Shade-roller. Spring	F. M. Vickery.....	823,452	June 12	2452	518	122	2309
Shade-roller-supporting bracket.....	J. F. Flieg.....	825,817	July 10	2340	488	123	617
Shade roller. Window-	J. R. Stephens.....	821,265	May 22	4566	971	122	1194
Shade-supporting device.....	A. Wessoleck.....	811,465	Jan. 30	5756	1205	120	1407
Shade-trimming device.....	F. E. Fishing.....	834,715	Oct. 30	5651	1199	124	2778
Shades. Spring-roller for window-	H. R. Derby.....	809,098	Jan. 2	962	199	120	213
Shaft and clutch mechanism.....	J. O. Hobbs.....	810,412	Jan. 23	3701	762	120	926
Shaft and pole coupling for wagons.....	R. Gruner.....	810,641	Jan. 23	4162	859	120	1030
Shaft and pole coupling. Vehicle	W. Hullerman.....	813,703	Feb. 27	4362	961	120	2582
Shaft attachment. Vehicle-	O. G. Cranston.....	837,199	Nov. 27	4606	978	125	1269
Shaft-binder.....	C. F. Frazee.....	832,015	Sept. 25	4266	891	124	1172

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Shaft-boring apparatus.....	E. Frieh and R. Nöllenburg.....	836,494	Nov. 20	3164	671	125	880
Shaft brace. Vehicle.....	F. P. White.....	824,895	July 3	443	87-8	123	119
Shaft carrier and tug.....	W. M. Johnson.....	811,850	Feb. 6	598	130	120	1611
Shaft-coupling.....	A. J. L. Lembeck and N. B. Hart.	810,777	Jan. 23	4408	914	120	1085
Shaft-coupling.....	F. Shaw.....	818,476	Apr. 24	3828	823-4	121	2359
Shaft-coupling.....	H. Hart.....	823,944	June 19	3420	730	122	2581
Shaft-coupling.....	J. Dickason.....	832,044	Oct. 2	36	9	124	1221
Shaft-coupling.....	E. H. Ahara.....	838,231	Dec. 11	1928	413	125	1877
Shaft-detacher.....	C. A. Barber, M. J. Carr, and R. H. Mitchell.	825,102	July 3	821	171	123	219
Shaft. Flexible.....	A. P. and C. H. Warner.....	815,240	Mar. 13	2499	520	121	604
Shaft. Flexible.....	C. F. C. Mehlig.....	815,726	Mar. 20	3512	738	121	873
Shaft. Flexible.....	C. F. C. Mehlig.....	816,240	Mar. 27	4569	972	121	1151
Shaft. Flexible.....	J. K. Stewart.....	817,283	Apr. 10	1467	308	121	1741
Shaft. Flexible.....	M. C. Lockwood.....	829,977	Sept. 4	127	21	124	31
Shaft. Flexible.....	G. H. Coates.....	835,215	Nov. 6	681	140	125	173
Shaft. Flexible.....	R. L. Morgan.....	838,882	Dec. 18	3161	681	125	2222
Shaft. Flexible.....	G. H. Gillette.....	839,468	Dec. 25	4342	929	125	2557
Shaft. Flexible.....	G. H. Gillette.....	839,469	Dec. 25	4343	929	125	2558
Shaft-gate.....	G. Brown and G. Taylor.....	812,814	Feb. 20	2585	568	120	2138
Shaft-hanger.....	G. E. Chamberlain.....	822,183	May 29	6386	1356	122	1656
Shaft-hanger.....	L. Zamboni.....	832,648	Oct. 9	1273	257	124	1560
Shaft-hanger.....	C. G. Harrington.....	833,963	Oct. 23	4089	872	124	2336
Shaft. Jointed.....	J. K. Stewart.....	815,485	Mar. 20	3025	632	121	767
Shaft lubricator. Crank and similar.....	T. S. Patterson.....	809,740	Jan. 9	2279	472	120	534
Shaft. Means for journaling a vertical.....	K. Löhle.....	831,794	Sept. 25	3813	798	124	1059
Shaft raiser. Vehicle.....	J. B. Hatten and W. S. Burris.	831,341	Sept. 18	2906	615	124	786
Shaft-support.....	C. J. Murphy.....	816,027	Mar. 27	4148	878	121	1061
Shaft-support.....	H. W. Davis.....	823,320	June 12	2219	463	122	2260
Shaft-support.....	S. W. Lanham.....	830,793	Sept. 11	1829	380	124	491
Shaft-support.....	A. T. Moore.....	838,736	Dec. 8	2889	622	125	2156
Shaft-supporter.....	S. Tracy.....	825,282	July 3	1174	249	123	305
Shaft. Vehicle.....	F. H. Jacobs.....	824,301	June 26	4088	874	122	2782
Shaft. Vehicle.....	T. D. Toy.....	834,031	Oct. 23	4258	903	124	2379
Shafts. Apparatus for molding threaded.....	W. N. Springer.....	819,094	May 1	120	26	122	31
Shafts excavated in the earth. Constructing lining-walls for.....	G. W. Jackson.....	835,159	Nov. 6	571	116-17	125	145
Shafts. Means for securing tools upon.....	W. C. Evans and E. H. Taylor.....	835,820	Nov. 13	1855	392	125	512
Shafts. Obturator for flexible.....	A. E. Guy.....	820,780	May 15	3527	757	122	905
Shafts. Set-collar for.....	C. W. Levalley.....	820,220	May 8	2428	527	122	603
Shafts. Top bearing for vertical.....	F. Klingner.....	839,004	Dec. 18	3376	728	125	2273
Shafting.....	H. K. Sandell.....	835,979	Oct. 23	4129	877-8	124	2347
Shafting and for like purposes. Apparatus for ascertaining errors in the alinement of.....	A. E. Horsfall.....	813,003	Feb. 20	2960	652	120	2220
Shafting-hanger.....	A. D. Cypher.....	833,126	Oct. 9	2217	466	124	1791
Shafting. Machine for cutting key-seats in.....	K. Matheus.....	828,948	Aug. 21	2517	534	123	2359
Shaking-table.....	G. Carlson.....	834,186	Oct. 23	4594	974	124	2465
Shank-stiffener.....	J. E. Bickford.....	834,506	Oct. 30	5235	1111	124	2672
Shank-stiffeners. Machine for making wooden.....	E. L. Dunbar.....	829,463	Aug. 28	3629	762-3	123	2685
Shape-retainer.....	E. S. Lefevre.....	819,774	May 8	1472	314	122	389
Shaper.....	S. N. Malterner.....	837,861	Dec. 4	1158	256	125	1642
Shaper-guard.....	F. Bohling and H. A. Albrecht.....	828,706	Aug. 14	2030	429	123	2204
Shaping-tool.....	C. Fichtner.....	813,784	Feb. 27	4516	997	120	2616
Sharpeners. Disk.....	C. M. Strain.....	809,334	Jan. 9	1455	294-5	120	354
Sharpeners. Disk.....	G. Gerardy.....	821,096	May 22	4250	904	122	1124
Sharpeners. Drill.....	G. S. Spreyer.....	820,023	May 8	2029	445-6	122	515
Sharpeners. Drill.....	C. W. Atkinson.....	822,906	June 12	1350	280	122	2069
Sharpeners. Knife.....	A. L. Davis.....	817,226	Apr. 10	1346	282	121	1718
Sharpeners. Knife.....	W. M. Kellogg.....	823,279	June 12	2143	447	122	2244
Sharpeners. Knife.....	J. Domagola.....	824,981	July 3	615	123	123	162
Sharpeners. Knife.....	A. J. Baries.....	833,499	Oct. 16	3018	640	124	2035
Sharpeners. Razor.....	H. P. Fowler.....	817,479	Apr. 10	1862	392	121	1824
Sharpeners, shaper, and gager. Drill.....	J. T. Thompson.....	808,886	Jan. 2	525	116	120	117
Sharpeners. Shear.....	J. C. Jeffrey.....	816,662	Apr. 3	240	56-7	121	1413
Sharpeners. Shears and scissors.....	E. C. Ives.....	828,853	Aug. 14	2315	492	123	2276
Sharpeners support. Knife.....	L. W. Cruce.....	819,735	May 8	1391	299	122	371
Sharpening apparatus. File.....	A. H. Radell.....	819,922	May 8	1762	379-80	122	458
Sharpening apparatus. Knife.....	H. H. Cummings.....	825,114	July 3	846	176	123	224
Sharpening attachment for agricultural machines. Disk.....	E. Fowler.....	829,519	Aug. 28	3745	795	123	2713
Sharpening device for lawn-mowers and other articles.....	G. H. Paulus.....	831,183	Sept. 18	2592	546	124	705
Sharpening disks. Machine for.....	W. F. Hampy.....	811,716	Feb. 6	343	75	120	1562
Sharpening-machine.....	A. M. McLeran.....	822,070	May 29	6168	1315	122	1607
Sharpening-machine. Beet-slicing-knife.....	A. Maguin.....	834,390	Oct. 30	5024	1063-4	124	2617
Sharpening-machine. Drill.....	J. J. Brossoit.....	816,961	Apr. 3	834	170-1	121	1543
Sharpening-machine. Razor.....	W. C. Heimerdinger.....	839,289	Dec. 25	3986	856-7	125	2470
Sharpening mechanism. Rock-drill.....	W. P. Lightbody.....	815,720	Mar. 20	3494	731	121	870
Sharpening mechanism. Rock-drill.....	W. P. Lightbody.....	815,843	Mar. 20	3787	798-9	121	930
Sharpening rock-drilling-machine bits. Apparatus for.....	J. A. G. Kirsten.....	812,570	Feb. 13	2127	466	120	2000
Shaving device.....	B. vom Egen.....	827,718	Aug. 7	40	9-10	123	1680
Shaving-mug.....	R. J. Kidney.....	828,854	Aug. 14	2316	492	123	2276
Shaving-mug cover.....	S. J. Connies.....	833,370	Oct. 16	2732	575	124	1969
Shaving-stick holder.....	R. L. Warner.....	812,906	Feb. 20	2766	608	120	2178
Shawl-strap bar. Extensible.....	J. Connett.....	822,349	June 5	248	52	122	1780
Shear mechanism.....	H. Aiken.....	830,276	Sept. 4	767	157-8	124	192
Shear-table.....	J. C. Cromwell.....	810,845	Jan. 23	4524	942	120	1109
Shears.....							
See Animal-shears. Pruning-shears.							
Plate-shears. Resquaring-shears.							
Power-shears.							
Shears.....	A. N. Eastman.....	814,029	Mar. 6	68	12	121	16
Shears.....	W. P. Spragg.....	823,816	June 19	3176	672	122	2527
Shears.....	T. C. Smith.....	827,577	July 31	5972	1239	123	1566
Shears.....	W. J. Hancock.....	826,110	Aug. 7	847	174	123	1880
Shears.....	J. J. Van Broekhoven.....	829,305	Aug. 21	3266	688	123	2547

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Diag.	Vol.	Page.
Shears.....	G. J. Babcock.....	835,345	Nov. 6	942	200	125	238
Shears.....	G. C. Zeller.....	837,997	Dec. 11	1425	309	125	1751
Shears.....	J. H. Parsons.....	838,446	Dec. 11	2334	506	125	1977
Shears for cutting metals. Reversible.....	C. Horn.....	827,531	July 31	5894	1221	123	1547
Shears tension attachment.....	H. Clauss.....	828,302	Aug. 14	1233	257	123	2001
Shears tension attachment.....	H. Clauss.....	828,303	Aug. 14	1234	257	123	2001
Shearing machinery. Lappet.....	W. C. Bradley.....	815,938	Mar. 27	3962	839-40	121	1020
Shearing mechanism. Rotary.....	G. W. Swift, Jr.....	814,813	Mar. 13	1642	344-5	121	417
Sheave.....	W. C. Fischer.....	812,488	Feb. 13	1951	430	120	1964
Sheave-block.....	T. S. Miller and J. H. Dickinson.....	857,703	Dec. 4	861	194	125	1568
Sheep-hook.....	E. W. Stauffer.....	835,375	Nov. 6	1002	213	125	254
Sheep-shearing machine.....	W. W. Virtue.....	833,099	Oct. 9	2156	453	124	1773
Sheep-shearing table.....	A. Barth.....	810,181	Jan. 16	3165	655	120	775
Sheet. Communication.....	H. W. McDonald.....	830,354	Sept. 4	911	188-9	124	225
Sheet-cutting machine.....	C. H. Marston and A. P. Holden.....	811,940	Feb. 6	814	178-9	120	1655
Sheet-delivery apparatus.....	A. B. Dick.....	834,791	Oct. 30	5814	1233	124	2817
Sheet-feeding apparatus.....	A. B. Dick.....	825,264	July 3	1141	242	123	297
Sheet-feeding machine.....	F. L. Cross.....	812,260	Feb. 13	1506	330-2	120	1868
Sheet-feeding machine.....	O. S. Beyer.....	831,765	Sept. 25	3758	786-8	124	1045
Sheet-feeding mechanism.....	A. Rosenfeld.....	826,360	July 17	3377	698	123	885
Sheet-folding and other machines. Delivery mechanism for.....	C. A. Sturtevant.....	835,002	Nov. 6	248	54	125	65
Sheet-folding and other machines. Front register for.....	C. A. Sturtevant.....	824,755	July 3	112	22-3	123	33
Sheet form. Feeding mechanism for articles in.....	S. H. Pray.....	819,376	May 1	696	147	122	159
Sheet metal. Apparatus for removing superfluous metallic coating from.....	O. S. Fellows and A. E. Hopkins.....	810,851	Jan. 23	4537	944-5	120	1112
Sheet-metal-bending machine.....	M. D. Sadtler.....	830,929	Sept. 11	2068	435-6	124	550
Sheet-metal-bending machine.....	L. A. Biggar.....	836,625	Nov. 20	3407	727-8	125	936
Sheet-metal blanks. Machine for edging.....	A. Slayman, Jr.....	826,807	July 24	4311	896-7	123	1143
Sheet-metal bolt structure.....	J. S. Rapson.....	838,644	Dec. 18	2729	585	125	2117
Sheet-metal building structure.....	T. Lee.....	808,664	Jan. 2	84	19	120	20
Sheet-metal can.....	I. J. Marcuse.....	810,211	Jan. 16	3234	669	120	789
Sheet-metal can.....	H. Macarthy.....	811,648	Feb. 6	223	48	120	1534
Sheet-metal can.....	I. J. Marcuse.....	811,649	Feb. 6	225	48	120	1534
Sheet-metal can.....	B. Adriance and A. Calleson.....	818,731	Apr. 24	4376	937	121	2478
Sheet-metal can.....	A. T. Kruse.....	838,122	Dec. 11	1692	364	125	1820
Sheet-metal can. Armored.....	T. Reis.....	827,751	Aug. 7	116	26	123	1698
Sheet-metal construction.....	P. M. Wege.....	839,527	Dec. 25	4472	954	125	2589
Sheet-metal-corrugating machine.....	I. W. Numan.....	838,568	Dec. 18	2576	557	125	2080
Sheet-metal-corrugating machine.....	I. W. Numan.....	838,570	Dec. 18	2581	558	125	2081
Sheet-metal-cutting machine.....	J. H. Doub.....	839,275	Dec. 25	3960	851	125	2464
Sheet-metal doubler.....	E. Norton.....	821,667	May 29	5379	1147-8	122	1428
Sheet-metal elbows. Making.....	W. H. Klauer.....	824,302	June 26	4089	874-5	122	2782
Sheet-metal elbows. Manufacture of.....	W. H. Klauer.....	810,155	Jan. 16	3114	643	120	765
Sheet metal. Expanding.....	H. E. White.....	821,843	May 29	5740	1222	122	1510
Sheet-metal-folding machine.....	E. W. Talmadge.....	821,765	May 29	5589	1191	122	1476
Sheet-metal hollow-ware drawing-press.....	P. R. Hahnemann.....	833,716	Oct. 16	3442	734	124	2134
Sheet-metal humidifier.....	H. Macarthy.....	811,729	Feb. 6	360	80	120	1566
Sheet-metal joint.....	J. E. Dobson.....	819,866	May 8	1658	355	122	435
Sheet-metal pipe. Adjustable.....	H. Latimer.....	818,267	Apr. 17	3434	738	121	2221
Sheet metal. Polishing.....	J. Nelson.....	819,369	May 1	685	144	122	156
Sheet-metal receptacle.....	D. R. Levin and G. E. Sundstrom.....	811,728	Feb. 6	359	79	120	1566
Sheet-metal structure. Reticulated.....	G. Holden.....	818,444	Apr. 24	3775	811	121	2348
Sheet-metal support or bracket.....	L. E. Keller.....	815,020	Mar. 13	2045	428	121	500
Sheet-metal tank.....	A. Hahn.....	831,719	Sept. 25	3684	771	124	1027
Sheet-metal vessel.....	G. W. Weber.....	829,244	Aug. 21	3137	660	123	2517
Sheet-metal work.....	M. J. Schuiling.....	837,966	Dec. 11	1371	299	125	1737
Sheet-metal-working machine.....	L. S. Flatau.....	819,643	May 1	1195	261-2	122	268
Sheet-metal-working machine.....	L. S. Flatau.....	819,644	May 1	1197	263	122	269
Sheet-registering machine.....	H. Bradshaw.....	810,392	Jan. 23	3661	753-4	120	917
Sheet-separating apparatus.....	A. B. Dick.....	823,935	June 19	3403	727-8	122	2577
Sheet-separating apparatus.....	A. B. Dick.....	823,936	June 19	3406	728	122	2578
Sheets, cards, and envelopes. Automatic feeding device for.....	R. E. and A. Kemper.....	821,601	May 22	5238	1117-18	122	1341
Sheets for tinning. Making.....	W. P. Lewis.....	827,696	July 31	6249	1297	123	1642
Shelf.....	F. W. Tobey.....	810,824	Jan. 23	4491	934	120	1102
Shelf.....	P. Steeg.....	831,389	Sept. 18	2992	635-6	124	807
Shelf. Adjustable.....	B. J. Whitcomb.....	834,095	Oct. 23	4402	936	124	2414
Shelf-bracket.....	E. F. Rotzschek.....	834,411	Oct. 30	5062	1073	124	2626
Shelf. Rotatable delivery.....	T. Van Kannel.....	833,810	Oct. 23	3635	777-8	124	2228
Shelf-support.....	J. Speed.....	814,811	Mar. 13	1640	343	121	417
Shelf-supporting bracket.....	J. P. Eustis.....	826,321	July 17	3307	683	123	869
Shelf-supporting bracket. Adjustable.....	F. Melchior.....	836,045	Nov. 13	2228	477	125	599
Shelf-wrapper.....	E. E. Wright.....	824,771	July 3	174	30	123	52
Shelves. Apparatus for removing articles from.....	G. Ward.....	813,029	Feb. 20	3013	663-4	120	2231
Shelving. Knockdown.....	G. Krahmer.....	827,540	July 31	5913	1225	123	1551
Shelving. Metal.....	R. W. Joffe.....	829,967	Sept. 4	66	12	124	16
Shell.....	A. H. Friedel.....	811,048	Jan. 30	4956	1035	120	1238
Shell-extractor.....	F. F. Burton.....	832,364	Oct. 2	691	133	124	1379
Shell for torpedoes or similar purposes.....	T. F. Rowland.....	810,983	Jan. 30	4848	1009	120	1213
Shell. Welded.....	T. F. Rowland.....	810,812	Jan. 23	4473	929	120	1098
Shells. Making welded.....	T. F. Rowland.....	833,245	Oct. 16	2480	520	124	1903
Sheller.....							
See Corn-sheller.....							
Shifter.....	R. H. Stearns and H. Klehm.....	817,815	Apr. 17	2515	539	121	2020
Shifting device.....	E. C. Smith.....	815,650	Mar. 20	3351	701	121	838
Shingle.....	W. S. Dwyer.....	835,818	Nov. 13	1853	391	125	512
Shingle-bracket.....	J. Thompson and H. H. Schrader.....	821,551	May 22	5143	1096	122	1320
Shingle-edging machine.....	C. Provost.....	812,951	Feb. 20	2862	631	120	2201
Shingle-fastening device.....	M. M. Schuller.....	811,445	Jan. 30	5722	1198	120	1400
Shingle-gage.....	W. W. Jones.....	823,874	June 19	3286	697	122	2552
Shingle-machine.....	W. H. Kratsch and C. G. Dauber.....	817,177	Apr. 10	1244	257-8	121	1696
Shingle-machine.....	D. F. Baker.....	824,168	June 26	3834	818-19	122	2728
Shingle-machine.....	J. D. O'Brien.....	835,633	Nov. 13	1508	321-2	125	425
Shingle. Metal.....	A. Friedley.....	820,294	May 8	2589	564	122	639

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Shingle. Metallic.	C. Fichter.	822,199	May 29	6414	1361	122	1663
Shingle-press.	J. W. Thurston.	811,456	Jan. 30	5741	1202	120	1404
Shingle-trimming machine.	J. D. Caldwell and I. Bushong.	813,946	Feb. 27	4841	1068	120	2684
Shingling-bracket.	A. J. Knepley.	825,661	July 10	2055	429	123	548
Ship-bottom cleaner. Electrolytic.	G. W. Frazier.	820,105	May 8	2219	482	122	558
Ship channel or canal.	L. P. Friestedt.	832,371	Oct. 2	706	136	124	1383
Ship-coaling apparatus.	W. A. Collins.	829,369	Aug. 21	3409	718	123	2582
Ship construction.	J. Kidd.	818,259	Apr. 17	3421	734	121	2217
Ship construction.	G. M. Harroway and W. Dixon.	834,127	Oct. 23	4482	951-2	124	2437
Ship construction.	G. M. Harroway and W. Dixon.	834,234	Oct. 23	4686	993	124	2488
Ship-fueling machinery.	G. H. Hulett and G. W. Theiss.	828,317	Aug. 14	1266	267-8	123	2009
Ship-loading apparatus.	G. H. Hulett.	828,316	Aug. 14	1264	266-7	123	2009
Ship. Swing-bed for use on board.	C. Soulas.	815,127	Mar. 13	2266	474	121	549
Ships' bottoms. Applying antifouling coating to.	G. D. Coleman.	819,125	May 1	186		122	48
Ship's course-recorder.	F. O. Tibbetts.	823,976	June 19	3487	745	122	2595
Ships. Device for automatically tracing the course of sighted.	J. von Hinke.	829,400	Aug. 28	3464	729	123	2643
Ships. Hatch-cover for.	J. Kidd.	833,058	Oct. 9	2080	438	124	1753
Ships' hulls. Apparatus for cleaning.	P. D. McLellan and J. F. McKinnon.	834,399	Oct. 30	5042	1067	124	2621
Ships' hulls. Construction of.	J. B. I. A. Julhe.	812,656	Feb. 13	2287	497	120	2030
Ships' models. Experimental tank for testing.	J. M. Ford.	813,413	Feb. 27	3788	831-2	120	2455
Ship's progress-indicator.	T. Whittle and W. Cumming.	836,724	Nov. 27	3643	776	125	1030
Ship's scraper.	A. R. Rogers.	832,161	Oct. 2	292	55	124	1284
Ships. Warehouse machinery for unloading.	G. H. Hulett.	819,759	May 8	1441	308	122	383
Ships, warehouses, &c. Apparatus for the treatment of cargoes and goods in.	L. Williams.	839,689	Dec. 25	4792	1024-5	125	2667
Shipping-box.	C. O. Wilder.	832,564	Oct. 2	1084	217	124	1474
Shipping box or crate.	C. D. Rice.	817,669	Apr. 10	2205	470	121	1897
Shipping-case.	E. Ryan.	831,476	Sept. 18	3153	667	124	848
Shirt.	A. F. Chase.	813,774	Feb. 27	4495	992-3	120	2611
Shirt.	W. Hess, Jr.	818,440	Apr. 24	3771	810	121	2347
Shirt.	R. W. Lord.	826,177	July 17	3024	627	123	801
Shirt and collar. Buttonless.	R. Edwards.	831,778	Sept. 25	3784	792	124	1051
Shirt and suspenders. Combined.	M. F. Ma Loney.	831,172	Sept. 18	2564	541	124	699
Shirt-sleeve.	T. Puryear.	811,662	Feb. 6	247	54	120	1539
Shirt-waist holder and skirt-supporter.	J. P. Sherman.	828,577	Aug. 14	1788	377	123	2144
Shock-absorber.	H. C. Turner.	819,386	May 1	715	152	122	163
Shock-absorber.	O. E. Vestal.	823,829	June 19	3203	677	122	2534
Shock-absorber.	W. I. Twombly.	832,103	Oct. 2	163	33	124	1254
Shock-absorber.	C. Morgan.	835,247	Nov. 6	750	157	125	189
Shock and bundle loader.	E. Kirk.	822,134	May 29	6285	1338-9	122	1634
Shock-compressor.	J. M. Schebler.	812,297	Feb. 13	1599	351	120	1891
Shock-loader.	S. M. Nelson and N. Nielsen.	811,165	Jan. 30	5197	1086	120	1288
Shock-loader.	W. Heckart.	817,370	Apr. 10	1623	343	121	1775
Shock-loading machine.	E. Lumatta.	819,776	May 8	1474	315	122	389
Shock-loading machine.	W. O. Crawford.	822,653	June 5	848	173	122	1915
Shock-support.	B. B. Peete.	816,595	Apr. 3	100	20-1	121	1379
Shocker attachment for binders.	T. W. Brown.	815,141	Mar. 13	2292	479-80	121	556
Shoe.	J. N. Moulton.	809,622	Jan. 9	2055	426	120	483
Shoe.	F. X. Brodeur.	812,812	Feb. 20	2583	567	120	2137
Shoe.	J. G. Marehand.	813,053	Feb. 20	3070	672	120	2246
Shoe.	H. F. Browne.	819,845	May 8	1621	345	122	426
Shoe.	F. Gustavson.	820,862	May 15	3719	793	122	947
Shoe.	A. J. Gabriellian.	821,935	May 29	5912	1258	122	1548
Shoe.	J. H. Lee.	822,061	May 29	6149	1311	122	1602
Shoe.	R. Moos.	822,381	June 5	299	62	122	1791
Shoe.	J. Pumilia.	829,428	Aug. 28	3521	739	123	2657
Shoe.	M. V. B. Evesson.	830,655	Sept. 11	1559	321	124	419
Shoe.	L. H. Voss.	830,753	Sept. 11	1768	364	124	476
Shoe.	T. Skerrett.	831,898	Sept. 25	4056	844	124	1119
Shoe.	J. V. Cunliff.	833,444	Oct. 16	2899	615	124	2010
Shoe.	J. Abramowitz.	838,931	Dec. 18	3252	703	125	2242
Shoe and slipper hanger.	C. Ackroyd.	813,072	Feb. 20	3105	680	120	2253
Shoe-beading machine.	W. B. Keighley.	830,901	Sept. 11	2023	426	124	540
Shoe-bottom-finishing machine.	W. C. Evans and E. H. Taylor.	825,712	July 10	2145	448-50	123	570
Shoe-brushing device.	H. H. Brandes.	825,512	July 10	1707	358	123	459
Shoe-cleaner.	H. A. Cottom.	836,244	Nov. 20	2681	569	125	763
Shoe-cobblers. Finishing-machine for the use of.	A. W. Wahlquist.	835,586	Nov. 13	1413	303	125	401
Shoe-dipping machine.	J. H. Wall.	817,408	Apr. 10	1711	361	121	1793
Shoe-fastener.	E. D. Ritchey, Jr.	820,132	May 8	2264	492	122	568
Shoe-fastener.	H. Fredrickson.	822,206	May 29	6426	1365	122	1665
Shoe-filler package and making the same.	A. Thoma.	832,002	Sept. 25	4236	886	124	1164
Shoe-form.	C. B. Corbin.	812,116	Feb. 6	1156	254	120	1724
Shoe-form.	F. H. Nies.	818,704	Apr. 24	4323	927	121	2466
Shoe-form.	J. A. Niles.	825,861	July 10	2419	504	123	636
Shoe-form.	A. G. Legge.	838,874	Dec. 18	3148	679	125	2220
Shoe-form.	C. S. Pierce.	838,896	Dec. 18	3189	688	125	2228
Shoe-former.	F. H. Higgins.	818,960	Apr. 24	4815	1036	121	2573
Shoe-holder.	J. Petrillo.	827,391	July 31	5519	1149	123	1456
Shoe-holder.	L. R. Anderson.	830,632	Sept. 11	1506	311-12	124	405
Shoe-holder.	L. A. Hine.	837,404	Dec. 4	254	64	125	1420
Shoe-holder.	C. J. Brosnan.	838,234	Dec. 11	1932	414	125	1874
Shoe-horn.	E. R. Mason.	821,049	May 22	4153	883	122	1103
Shoe-ironing jack.	H. D. Coffman.	821,018	May 22	4089	870	122	1089
Shoe-ironing jack.	H. D. Coffman.	835,486	Nov. 6	1207	261	125	303
Shoe-machine.	A. Olson and L. W. G. Flynt.	826,352	July 17	3360	695-6	123	881
Shoe-machinery cutter-guard.	L. B. Legge.	822,860	June 5	1246	256	122	2000
Shoe. Marsh.	F. Heinig.	836,255	Nov. 20	2701	574	125	768
Shoe-measure.	G. G. Iberg.	827,447	July 31	5665	1174	123	1491
Shoe-nailing machines. Nail-supplying device for.	W. Knecht.	813,310	Feb. 20	3583	786	120	2353
Shoe-polish box.	J. D. Trenaman.	839,678	Dec. 25	4769	1019	125	2660
Shoe-polisher.	W. P. Müller and C. Blumel.	827,933	Aug. 7	472	97	123	1789
Shoe-polisher.	A. F. Bigford.	835,660	Nov. 13	1553	332	125	435
Shoe-polishing cloths. Grip for.	C. L. Durboraw.	820,630	May 15	3240	697	122	842
Shoe-polishing compound.	E. A. Cook.	820,392	May 15	2775		122	741

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Shoe-polishing device.	L. L. Clippinger.	822,825	June 5	1175	242	122	1986
Shoe-polishing device.	R. E. Saffold.	833,003	Oct. 9	1976	412	124	1728
Shoe-polishing machine.	F. R. Lay and F. F. Churchman.	831,881	Sept. 25	4018	836-7	124	1109
Shoe-polishing machine.	R. O. Hammond.	834,975	Nov. 6	18.	41	125	49
Shoe-polishing machine. Coin-controlled.	H. Smith.	834,766	Oct. 30	5763	1223-4	124	2805
Shoe-polishing outfit.	G. H. Rogers.	815,934	Mar. 20	3952	837	121	966
Shoe-polishing stand.	P. H. Hixon.	808,986	Jan. 2	728	158	120	161
Shoe-polishing stand.	W. O. Beck.	838,938	Dec. 18	3262	705	125	2244
Shoe-protector.	F. N. Patterson.	829,250	May 8	2503	541	123	620
Shoe-rack.	E. F. White.	808,794	Jan. 2	342	74	120	76
Shoe-rack.	R. MacDonald.	819,777	May 8	1475	316	122	390
Shoe-rack.	J. K. Taylor.	835,121	Nov. 6	496	100	125	128
Shoe-rack covering.	P. J. Porter.	815,932	Mar. 20	3950	837	121	965
Shoe. Running.	B. F. Rhodes.	811,438	Jan. 30	5715	1196	120	1398
Shoe-spike protector.	W. O. Hatfield.	810,753	Jan. 23	4358	905	120	1074
Shoe-stretching device.	M. Tonko.	824,760	July 3	129	24	123	37
Shoe-tie holder.	J. Determan.	819,413	May 1	763	163	122	172
Shoe-top. Adjustable.	H. Metz.	815,194	Mar. 13	2400	500	121	581
Shoe-tree.	W. D. Wilder.	812,315	Feb. 13	1628	358	120	1897
Shoe-upper clamp.	J. C. Wright.	826,640	July 24	4007	830	123	1065
Shoe-upper fastener.	W. E. Ellis.	825,710	July 10	2140	447	123	569
Shoe. Water.	F. I. Hannan.	838,986	Dec. 18	3334	721	125	2262
Shoe. Waterproof.	P. G. Mahew.	809,713	Jan. 9	2232	463	120	523
Shoes. Antislipping device for.	G. L. Pierce.	814,474	Mar. 6	959	197	121	209
Shoes. Antislipping device for.	W. P. Clugsten.	817,958	Apr. 17	2822	610	121	2090
Shoes. Box for toes of.	J. N. Moulton.	830,911	Sept. 11	2039	429	124	543
Shoestring-fastener.	T. Higgins.	819,884	May 8	1698	364	122	444
Shoestring-fastener.	E. B. Guenzel.	832,857	Oct. 9	1705	351	124	1663
Shooting-gallery.	W. J. Bowerman. (Reissue).	12,440	Jan. 30	5881	1233	120	1433
Shooting. Means for promoting accurate.	F. Courtinade.	820,181	May 8	2361	513	122	588
Shopping-bag and skirt-holder. Combined.	G. Comi.	825,190	July 3	996	210	123	260
Shortening. Making.	J. Dadie.	833,445	Oct. 16	2900	615	124	2010
Shot-making machine.	P. F. Cowing.	809,671	Jan. 9	2158	446	120	506
Shot-making machine.	P. F. Cowing. (Reissue).	12,568	Nov. 27	4748	1006	125	1303
Shot-spreader.	J. M. White.	820,459	May 15	2908	632	122	769
Shoulder and sleeve form.	A. M. Grean.	810,333	Jan. 16	3492	722	120	844
Shoulder-form.	A. M. Grean.	810,332	Jan. 16	3491	721	120	844
Shovel:							
See Ash-shovel.	Power-shovel.						
Cash-paying shovel.	Snow-shovel.						
Excavating-shovel.	Steam-shovel.						
Excavator-shovel.	Tunnel-miner's power-shovel.						
Plow-shovel.							
Shovel.	F. S. C. Peisker.	809,840	Jan. 9	2458	510	120	573
Shovel.	J. E. Newton.	813,166	Feb. 20	3293	724	120	2293
Shovel.	L. Schaffert.	815,122	Mar. 13	2248	471	121	546
Shovel.	L. Arnavat.	821,847	May 29	5745	1223	122	1511
Shovel.	G. W. Fleck.	826,928	July 24	4559	948	123	1204
Shovel attachment.	F. Clark.	838,498	Dec. 11	2435	528	125	2001
Shovel-guard.	G. W. Jarvis.	810,488	Jan. 23	3856	792	120	963
Shovel-handles. Machine for making.	J. Forshey.	831,052	Sept. 18	2321	489-90	124	645
Shovel support. Steam.	L. P. Martin.	810,875	Jan. 23	4592	956	120	1124
Shovel tooth. Steam.	W. H. Bates.	830,960	Sept. 11	2121	448-9	124	562
Shovels and the like. Boom-guy for steam.	W. Ferris.	827,300	July 31	5337	1106-7	123	1411
Shovels. Tooth for steam.	J. C. Cantlebery and W. J. Edwards.	821,215	May. 22	4471	952	122	1172
Show-case.	G. C. Wright.	810,243	Jan. 16	3303	685	120	804
Show-case.	A. T. Hallock.	810,857	Jan. 23	4549	947	120	1115
Show-case.	R. G. Lutke.	810,956	Jan. 30	4795	997	120	1202
Show-case.	A. W. Zeigler.	812,713	Feb. 13	2389	525	120	2050
Show-case.	O. Jaeger.	819,432	May 1	805	173	122	181
Show-case.	M. A. Skall.	820,828	May 15	3656	780-1	122	933
Show-case.	C. H. Bangs.	825,574	July 10	1830	389	123	489
Show-case.	O. Kampfe.	830,076	Sept. 4	329	66	124	80
Show-case.	W. K. Williams.	834,699	Oct. 30	5617	1192	124	2769
Show-case.	R. A. Pulfer.	839,639	Dec. 25	4697	1002-3	125	2642
Show-case and the like.	V. Sjoström.	826,121	July 17	2930	608	123	778
Show-case corner.	J. A. Henderson.	810,410	Jan. 23	3699	762	120	925
Show-case, counter, and cabinet. Combined.	F. George.	826,720	July 24	4158	864	123	1103
Show-case or show-window.	T. Vaughan.	824,964	July 3	583	116	123	155
Show device.	C. E. Isacke.	814,706	Mar. 13	1432	299	121	373
Show or display case.	G. E. Clapp.	808,726	Jan. 2	211	45	120	48
Show or display case.	O. Jaeger.	821,499	May 22	5050	1075	122	1301
Show-window.	S. Feust.	813,634	Feb. 27	4231	930	120	2555
Show-window and show-case.	H. Brandenberger.	823,203	June 12	1974	411	122	2208
Show-window fixture.	O. Wagner and J. S. Lewis.	823,747	June 19	3043	644	122	2496
Shower-bath.	C. C. Russell.	816,604	Apr. 3	117	25	121	1382
Shrapnel.	R. P. Stout.	810,582	Jan. 23	4052	834	120	1005
Shredded-wheat biscuit.	W. E. Williams.	820,899	May 15	3821	815	122	969
Shredder-feeder.	G. W. Crane.	808,972	Jan. 2	704	152-3	120	155
Shredder-feeder.	G. W. Crane.	815,408	Mar. 20	2900	602	121	739
Shredding-machine elevator.	J. D. and C. D. Kaylor.	828,607	Aug. 14	1835	386	123	2156
Shredding-machine feeding mechanism.	E. H. Frickey.	815,087	Mar. 13	2172	458	121	528
Shutter.	J. G. Wilson.	811,607	Feb. 6	141	31	120	1516
Shutter.	J. Cahill.	824,410	June 26	4315	919	122	2827
Shutter-bower.	J. L. Guyon.	812,036	Feb. 6	1018	222	120	1696
Shutter-bower.	H. Zimmerman.	839,692	Dec. 25	4799	1026	125	2660
Shutter bower and fastener.	I. C. F. and H. C. Zimmerman.	809,884	Jan. 9	2532	525	120	590
Shutter-fastener.	A. D. Bartlett.	813,343	Feb. 20	3640	798	120	2365
Shutter-fastener.	J. T. Johnson.	815,589	Mar. 20	3218	677	121	808
Shutter-fastener.	K. C. J. Hanselmann.	827,363	July 31	5456	1134	123	1441
Shutter-fastener.	H. Ebert.	828,392	Aug. 14	1406	297	123	2044
Shutter-fastener.	P. P. Orum.	830,672	Sept. 11	1587	327	124	426
Shutter-fastener.	M. J. Kaiser.	834,910	Nov. 6	69	13	125	20
Shutter-fastener.	J. B. Williams.	838,829	Dec. 18	3071	662	125	2201
Shutter-fastener.	H. Zimmerman.	839,693	Dec. 25	4800	1026	125	2669

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Shutter. Fire.	B. C. Donnelly.	816,080	Mar. 27	4269	904-5	121	1088
Shutter-operating device.	G. L. Preacher.	839,030	Dec. 18	3426	740	125	2287
Shutter or blind. Sliding inside.	E. Stratta.	833,563	Oct. 16	3129	664-5	124	2062
Shutter. Rolling.	J. C. Wilson.	836,165	Nov. 20	2509	526	125	720
Shutter. Rolling or flexible.	J. Cahill.	835,599	Nov. 13	1441	309	125	408
Shutter-worker.	A. M. Burnham.	818,346	Apr. 17	3584	767	121	2251
Shutter-worker.	J. L. Simmons.	828,829	Aug. 14	2263	481	123	2264
Shutter-worker.	J. P. Hurley.	831,953	Sept. 25	4156	866	124	1143
Shutters, &c. Mechanism for operating.	E. Prescott.	816,881	Apr. 3	664	138	121	1506
Shutters. Reciprocating shaft for roller.	J. G. and L. G. Wilson.	834,433	Oct. 30	5096	1082	124	2635
Shutters. Swivel for window-blind.	B. H. Philipps.	815,862	Mar. 20	3826	810	121	938
Shuttle.	E. Herzig.	811,721	Feb. 6	351	78	120	1564
Shuttle.	N. Foerster, D. J. Carey, and W. A. Foster.	815,953	Mar. 27	3992	845-6	121	1025
Shuttle.	E. Lamoureux.	838,258	Dec. 11	1992	427	125	1892
Shuttle-actuating mechanism.	G. L. Corcoran.	837,283	Dec. 4	24	9	125	1360
Shuttle. Automatically-threading.	W. F. Draper.	834,607	Oct. 30	5430	1153-4	124	2720
Shuttle-bobbin.	E. M. Palmer.	833,174	Oct. 16	2325	488	124	1865
Shuttle-box.	D. J. Carey.	815,939	Mar. 27	3964	840	121	1020
Shuttle-box.	N. Foerster, D. J. Carey, and W. A. Foster.	815,950	Mar. 27	3985	844	121	1024
Shuttle-brake.	J. Laforêt. (Reissue).	12,428	Jan. 2	1333	271	120	293
Shuttle for well-replenishing mechanisms.	N. Foerster.	815,949	Mar. 27	3984	844	121	1024
Shuttle-operating mechanism.	E. H. Ryon.	810,681	Jan. 23	4224	875	120	1044
Shuttle. Self-threading.	J. B. Dodelin. (Reissue).	12,531	Sept. 11	2256	476	124	597
Sickle.	P. E. Fletcher.	809,676	Jan. 9	2166	448	120	508
Sickle-bar-removing tool.	S. M. Hill.	811,293	Jan. 30	5454	1137	120	1344
Sickles. Water-distributor for.	S. C. Scott and J. C. Watson.	817,523	Apr. 10	1945	410	121	1843
Side-delivery rake.	W. E. Martin.	818,899	Apr. 24	4702	1008-9	121	2548
Side register for sheet-folding and other machines.	C. A. Sturtevant.	823,002	June 12	1553	319	122	2111
Sidewalk, floor, and roof light construction.	P. H. Jackson.	816,234	Mar. 27	4560	970	121	1150
Sidewalk-light.	C. H. Ross and S. Dauchy.	816,566	Apr. 3	22	6	121	1359
Siding. Manufacturing.	C. Loetscher.	808,998	Jan. 2	749	162	120	165
Sieve.	W. H. Hoyt and W. J. Gaven.	810,652	Jan. 23	4180	863	120	1034
Sieve.	A. W. Edstrom.	812,333	Feb. 13	1660	365	120	1903
Sieve.	T. Lourim.	832,684	Oct. 9	1346	272	124	1576
Sieve.	T. Lourim.	832,685	Oct. 9	1347	272	124	1576
Sieving apparatus. Centrifugal.	H. L. Orrman.	817,333	Apr. 10	1551	326-7	121	1758
Sifter.	A. O. Atkinson.	813,763	Feb. 27	4464	986	120	2604
Sifter.	W. N. Treleven.	825,014	July 3	671	135	123	176
Sifter and bucket. Combined ash.	C. W. Conradt.	829,395	June 12	2343	492	122	2286
Sifter and screen hanger.	J. T. Leonard.	811,857	Feb. 6	610	133	120	1613
Sifter. Ash.	C. H. Dow.	813,625	Feb. 27	4213	926	120	2550
Sifter. Ash.	J. H. Austin.	834,604	Oct. 30	5426	1152	124	2719
Sifter. Ash.	J. Lang.	834,915	Nov. 6	77	15	125	22
Sifter. Ash.	J. J. Weir.	836,477	Nov. 20	3130	665	125	870
Sifter. Ash.	P. Rapoport.	839,317	Dec. 25	4037	868	125	2483
Sifter. Coal.	M. D. McCollum.	829,665	Aug. 28	4039	855	123	2787
Sifter. Dust-proof ash.	J. J. Domek, Jr.	836,441	Nov. 20	3081	653	125	858
Sifter. Flour.	E. T. Farmer.	809,178	Jan. 2	1092	227	120	240
Sifter. Flour.	W. M. Viser.	810,894	Jan. 23	4645	968	120	1133
Sifter. Flour.	W. G. Gadue.	815,415	Mar. 20	2914	604	121	743
Sifter. Flour.	H. Mackay.	821,109	May 22	4272	909	122	1129
Sifter. Gyratory.	A. C. Brantingham.	817,901	Apr. 17	2707	587	121	2663
Sifter. Gyratory.	A. C. Brantingham.	818,607	Apr. 24	4122	886	121	2421
Sifter. Rotary flour.	G. J. Sweeten.	816,136	Mar. 27	4381	926	121	1112
Sifter, separator, and grader.	E. Hartzell.	824,650	June 26	4799	1023	122	2934
Sifting device.	A. A. Galloway.	824,421	June 26	4352	926	122	2834
Sifting-machine spout.	O. Grismore.	823,117	June 12	1790	369	122	2165
Sight adjustment.	J. W. Hicks and H. D. Chapman.	837,835	Dec. 4	1096	244-5	125	1626
Sight-feed. Fountain.	H. J. Carle.	811,543	Feb. 6	16	4-5	120	1488
Sight-feed lubricator.	F. W. Edwards.	819,693	May 1	1300	282-3	122	292
Sight-feed lubricator.	F. Leonhardt.	820,508	May 15	3023	650	122	794
Sighting instrument.	S. Lake and E. L. Hubbard.	834,985	Nov. 6	207	45-6	125	54
Sighting-machine.	B. A. Fiske.	833,781	Oct. 23	3565	761	124	2212
Sign.	L. C. Hamel.	813,554	Feb. 27	4080	894	120	2523
Sign.	C. A. Peterson.	813,580	Feb. 27	4127	905	120	2532
Sign.	J. L. Dawes.	815,073	Mar. 13	2141	452	121	522
Sign.	J. A. Wiedemann.	831,397	Sept. 18	3002	638	124	809
Sign.	W. Borgmann.	834,447	Oct. 30	5119	1087	124	2641
Sign.	W. J. Bailey.	837,027	Nov. 27	4272	909	125	1185
Sign.	W. J. Bailey.	837,028	Nov. 27	4274	909-10	125	1185
Sign. Advertising.	M. D. Batchelder.	823,459	June 12	2464	521	122	2312
Sign and advertising device.	W. R. F. Avery and H. J. Pearce.	832,445	Oct. 2	859	165-6	124	1420
Sign and operating means therefor. Illuminated.	G. H. Dunkle.	834,792	Oct. 30	5816	1234	124	2817
Sign apparatus. Electric.	F. B. Cook.	839,455	Dec. 25	4311	921	125	2550
Sign. Automatic changeable.	T. W. Thomas and G. W. Gillette.	821,068	May 22	4194	891-2	122	1112
Sign. Automatic changeable.	T. W. Thomas and G. W. Gillette.	833,985	Oct. 23	4141	879-80	124	2350
Sign. Automatic door.	E. H. W. Stahlhuth.	828,068	Aug. 7	764	157	123	1859
Sign-board.	A. H. Grove.	824,860	July 3	365	69	123	100
Sign-board.	R. E. Sage.	829,090	Aug. 21	2805	590	123	2434
Sign. Changeable illuminated.	G. J. and H. G. Pelstring.	816,680	Apr. 3	276	64	121	1421
Sign-changing letter. Automatic.	E. C. Thomas and C. F. Jenkins.	808,884	Jan. 2	524	115	120	117
Sign. Electric.	C. Haller.	811,057	Jan. 30	4970	1038	120	1240
Sign. Electric.	C. Haller.	811,058	Jan. 30	4972	1038	120	1241
Sign. Electric.	C. Haller.	811,059	Jan. 30	4974	1038	120	1241
Sign. Electric.	W. Gierth and G. Latimer, Jr.	823,774	June 19	3106	657	122	2511
Sign. Electric.	G. R. Macomber.	824,494	June 26	4494	952	122	2868
Sign-holder.	A. C. Heiny.	834,235	Oct. 23	4688	993-4	124	2488
Sign holder. Street.	H. A. Waterhouse.	811,264	Jan. 30	5395	1125	120	1331
Sign. Illuminated.	F. P. Flowers.	827,355	July 31	5444	1132	123	1438
Sign. Illuminated.	S. W. Fleming and F. A. Childs.	814,684	Mar. 13	1397	291	121	365
Sign. Illuminated.	C. L. Williams.	818,724	Apr. 24	4361	934	121	2474
Sign. Illuminated.	M. L. Felkin.	822,593	June 5	731	147	122	1889
Sign. Illuminated.	R. R. Wiley.	828,005	Aug. 7	635	130	123	1828
Sign. Illuminated.	J. L. Dawes.	829,951	Sept. 4	20	5	124	6

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Sign. Illuminated.....	O. Herrmann.....	831,664	Sept. 25	3577	751	124	998
Sign. Illuminated.....	W. T. Bradshaw, C. H. Townsend, and O. F. Erickson.....	836,915	Nov. 27	4049	865	125	1133
Sign. Illuminated advertising.....	F. H. Urry.....	829,902	Aug. 28	4536	956	123	2907
Sign. Illuminating.....	A. N. Gatzert and S. Berens.....	813,087	Feb. 20	3126	685	120	2258
Sign letter. Electric.....	C. A. Chase.....	835,848	Nov. 13	1899	402	125	521
Sign. Metallic.....	W. F. Hutchinson.....	820,359	May 8	2697	589	122	664
Sign. Street.....	B. W. Griffin.....	817,061	Apr. 3	1020	210	121	1584
Sign-support.....	A. P. Claridge.....	819,338	May 1	620	131	122	143
Sign. Transparent.....	J. M. Rathsam.....	812,525	Feb. 13	2027	444	120	1980
Signal:							
See Alarm-signal. Mail-box signal.							
Automatic signal. Railway-signal.							
Automobile alarm-sig- nal. Railway block-sig- nal. Railway - crossing sig- nal.							
Block-signal. Railway electric block- signal.							
Block and order signal. Railway semaphore- signal.							
Car-signal. Switch-signal.							
Danger-signal. Telephone-signal.							
Electric signal. Train-signal.							
Electric time-signal.							
Elevator bell-signal.							
Gas danger-signal.							
Mail-signal.							
Signal.....	R. Stanford and P. R. Colpitt.....	809,029	Jan. 2	798	172	120	176
Signal.....	K. Möller.....	811,238	Jan. 30	5344	1116	120	1320
Signal.....	C. R. Dowler.....	812,025	Feb. 6	1003	219	120	1693
Signal.....	M. D. Campbell.....	818,870	Apr. 24	4652	999	121	2537
Signal.....	W. A. Richardson.....	827,752	Aug. 7	117	26	123	1698
Signal.....	E. A. Halbleib.....	832,187	Oct. 2	341	63	124	1295
Signal.....	C. R. Dowler.....	835,410	Nov. 6	1083	233-4	125	473
Signal.....	C. P. Ruggles.....	835,474	Nov. 6	1189	256	125	299
Signal.....	T. R. Nicholas.....	837,336	Dec. 4	114	31	125	1382
Signal.....	W. A. Richardson.....	837,421	Dec. 4	287	70	125	1428
Signal apparatus.....	C. W. Coleman.....	818,744	Apr. 24	4402	942-3	121	2483
Signal apparatus.....	F. Muschenheim.....	824,430	June 26	4366	929	122	2837
Signal apparatus.....	C. J. Coleman.....	827,683	July 31	6214	1291-2	123	1631
Signal apparatus.....	H. Sandvoss.....	838,141	Dec. 11	1752	376	125	1835
Signal apparatus. Electric.....	L. Griffith.....	814,535	Mar. 6	1076	222	121	233
Signal apparatus. Train.....	J. R. Munroe.....	828,134	Aug. 7	885	182	123	1889
Signal attachment. Semaphore.....	C. H. Gill.....	809,678	Jan. 9	2169	449	120	509
Signal box or package.....	J. W. Becherer.....	815,783	Mar. 20	3643	766	121	899
Signal-circuit. Electrical.....	E. W. Vogel.....	828,691	Aug. 14	2001	423	123	2197
Signal device.....	J. S. Cunningham.....	838,848	Dec. 18	3106	669	125	2210
Signal for steam-railway and electric-railway pur- poses. Fog-	C. G. Ritchey.....	827,566	July 31	5955	1235	123	1561
Signal-light. Switch-operated.....	G. W. Jordan.....	825,734	July 10	2190	457	123	580
Signal-lights. Intensifying the colors of.....	W. Churchill.....	810,715	Jan. 23	4292	891	120	1059
Signal-lock.....	F. B. Corey.....	832,847	Oct. 9	1674	344-5	124	1654
Signal operators. Safety device for.....	B. A. Ovenshire.....	834,845	Oct. 30	5926	1257	124	2846
Signal-receiving system. Visual.....	E. A. Faller.....	822,888	June 5	1299	267-8	122	2010
Signal safety device. Electric.....	F. B. Corey.....	832,297	Oct. 2	564	107	124	1349
Signal system.....	J. H. Lynch.....	817,497	Apr. 10	1894	399-400	121	1831
Signal system. Air-brake.....	T. J. Quirk.....	836,705	Nov. 27	3605	769	125	1020
Signal system. Electric.....	V. W. Bergenthal.....	818,515	Apr. 24	3926	845-6	121	2379
Signal system. Electrical.....	F. Lacroix.....	814,302	Mar. 6	591	124	121	127
Signal system. Electrical.....	F. Lacroix.....	814,303	Mar. 6	593	124	121	128
Signal system. Electrical.....	C. P. Nachod.....	825,927	July 17	2543	529	123	678
Signal system. Selective.....	W. W. Dean.....	826,317	July 17	3296	681	123	866
Signal systems. Automatic train-stop for block- signals. Protective device for.....	F. B. Corey.....	828,386	Aug. 14	1394	295	123	2041
Signal systems. Means for actuating.....	F. B. Corey.....	839,365	Dec. 25	4126	886	125	2505
Signals. Rain-guard for.....	A. B. Ferdinand.....	820,041	May 8	2080	453-4	122	527
Signals. Receiving system for wireless transmission of.....	R. Herman.....	809,800	Jan. 9	2387	494	120	557
Signaling.....	V. Poulsen.....	839,029	Dec. 18	3425	739	125	2287
Signaling.....	W. Churchill.....	810,714	Jan. 23	4289	891	120	1058
Signaling and safety system. Block.....	J. M. Huey.....	819,278	May 1	497	104	122	115
Signaling and testing system. Electric.....	J. Doran.....	826,090	July 17	2873	595	123	765
Signaling apparatus.....	J. T. Hambay.....	808,984	Jan. 2	727	157	120	161
Signaling apparatus.....	J. C. Hubinger.....	825,055	July 3	734	154	123	197
Signaling apparatus.....	H. O. Rugh.....	831,526	Sept. 18	3255	686	124	875
Signaling apparatus.....	W. E. Veasey.....	832,762	Oct. 9	1494	301	124	1613
Signaling apparatus and circuit. Electric.....	F. B. Herzog.....	834,291	Dec. 25	3989	857	125	2471
Signaling apparatus. Electric.....	P. Kennedy.....	824,991	July 3	632	127	123	166
Signaling apparatus. Electric.....	J. W. Darrah.....	827,685	July 31	6226	1292	123	1636
Signaling apparatus. Electric.....	G. W. Watkins and W. C. Belhel.....	828,446	Aug. 14	1515	319	123	2071
Signaling apparatus. Electric.....	C. J. O'Neill.....	832,153	Oct. 2	272	52	124	1279
Signaling apparatus. Electric hose.....	G. F. Seeley.....	837,512	Dec. 4	455	104	125	1470
Signaling apparatus. Electrical hose.....	W. Fowler.....	811,836	Feb. 6	559	124-5	120	1604
Signaling apparatus. Police.....	C. L. Foster and P. K. Higgins.....	812,733	Feb. 13	2430	532	120	2059
Signaling apparatus. Tide-power.....	E. B. Cade.....	824,408	June 26	4313	918-19	122	2827
Signaling device.....	N. A. Butler.....	821,459	May 22	4980	1058	122	1287
Signaling device.....	C. C. Phillips.....	824,580	June 26	4664	993	122	2904
Signaling device.....	P. Kennedy.....	824,989	July 3	629	126	123	165
Signaling device. Aerial.....	F. W. Erickson.....	829,646	Aug. 28	3998	847	123	2776
Signaling device. Electric.....	P. Kennedy.....	824,988	July 3	625	126	122	164
Signaling device. Electric.....	P. Kennedy.....	824,990	July 3	630	126	123	165
Signaling device. Electric.....	P. Kennedy.....	827,154	July 31	5053	1053	123	1341
Signaling device. Electric.....	H. M. Bascom.....	828,368	Aug. 14	1370	288	123	2034
Signaling device. Electrical.....	C. M. Allen.....	829,192	Aug. 21	3045	638	123	2495
Signaling device. Self-restoring.....	H. P. Clausen.....	829,628	Aug. 28	3971	840	123	2768
Signaling. Electric.....	J. B. Struble.....	819,322	May 1	579	124	122	133
Signaling for party-lines. Harmonic.....	W. W. Dean.....	827,087	July 31	4889	1019	123	1298
Signaling. Illuminating apparatus designed for use in flash-	A. Rosenberg.....	826,887	July 24	4482	932-3	123	1184
Signaling system.....	H. O. Holderness and C. G. Hawley.....	813,426	Feb. 27	3816	837	120	2461

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Signaling system.	J. L. Hall.	818,244	Apr. 17	3391	727	121	2211
Signaling system.	W. W. Salmon.	821,381	May 22	4820	1024	122	1252
Signaling system.	J. B. Struble.	823,646	June 19	2869	606	122	2461
Signaling system.	P. Winsor.	826,003	July 17	2704	559	123	724
Signaling system.	F. B. Rae.	834,404	Oct. 30	5049	1069-71	124	2623
Signaling system.	W. E. Laird.	835,441	Nov. 6	1138	246	125	286
Signaling system. Electric.	S. M. Young.	815,890	Mar. 20	3877	820	121	949
Signaling system. Electric.	S. M. Young.	815,891	Mar. 20	3881	821	121	950
Signaling system. Electric.	J. F. Webb and C. E. Frederickson.	819,190	May 1	297	64-5	122	74
Signaling system. Electric.	J. F. Webb and C. E. Frederickson.	826,457	July 17	3557	740-1	123	931
Signaling system. Electric.	J. S. Anderson.	835,384	Nov. 6	1027	219	125	260
Signaling system. Party-line.	A. F. Poole and F. B. Hall.	810,346	Jan. 16	3525	726	120	852
Signaling system. Selective.	C. G. Hawley and H. O. Holder- ness.	813,419	Feb. 27	3802	834-5	120	2458
Signaling system. Selective.	S. A. Reed.	828,966	Aug. 21	2546	539-40	123	2365
Signaling system. Space.	C. D. Ehret.	818,236	Apr. 17	3376	724	121	2208
Signaling system. Train.	J. Gerard.	823,114	June 12	1784	367-8	122	2164
Signaling system. Wireless electric.	R. H. Rendahl.	813,914	Feb. 27	4779	1055-6	120	2672
Signaling systems. Adjustable harmonic ringer for selective	J. Erickson.	831,848	Sept. 25	3922	820-1	124	1085
Signaling the presence of deleterious gases in the at- mosphere. Apparatus for automatically	H. Hauger.	826,659	July 24	4039	837	123	1073
Signaling through space.	C. D. Ehret.	818,363	Apr. 17	3613	774	121	2258
Signature-gatherer.	G. M. Kent and C. L. Smith.	811,509	Jan. 30	5832	1221-2	120	1422
Signature-gathering machine.	C. A. Juengst.	828,665	Aug. 14	1946	410	123	2183
Silica and shaping the mass while plastic. Fusing.	J. F. Bottomley and A. Paget.	822,424	June 5	372	77-8	122	1806
Silica or the like. Apparatus for working fused	J. F. Bottomley and A. Paget.	836,558	Nov. 20	3290	701-2	125	911
Silicides and silicon alloys. Manufacture of	F. J. Tonne.	833,427	Oct. 16	2858		124	2000
Silicon. Melting and casting	H. N. Potter.	830,738	Sept. 11	1743		124	470
Silk and artificial hair from casein. Production of artificial	F. Todtenhaupt.	836,788	Nov. 27	3793		125	1072
Silk. Apparatus for the manufacture of artificial	H. E. A. Vittenet.	828,155	Aug. 7	916	188	123	1895
Silk. Apparatus for the manufacture of artificial	E. Thiele.	838,758	Dec. 18	2931	631	125	2166
Silk. Charging	G. Gianoli.	819,751	May 8	1419		122	377
Silk fibroin peptone. Making	J. Altschul.	813,272	Feb. 20	3488		120	2334
Silk. Machine for making watered	J. J. Cavagnaro.	823,509	June 19	2595	547	122	2400
Silk. Manufacture of artificial	L. Crespin.	820,351	May 8	2681	585	122	660
Silk. Manufacture of imitation	E. Schramm.	823,445	June 12	2437	514	122	2306
Silk or silk-mixed goods. Rubbing breaking, and polishing machine for	A. Gerber.	818,434	Apr. 24	3763	809	121	2346
Silk. Ungumming and dyeing raw natural.	P. Schmid.	836,464	Nov. 20	3112	660	125	865
Silk-ungumming apparatus.	P. Schmid.	822,774	June 5	1078	222	122	1964
Silks. Assorting.	H. Hofer.	815,169	Mar. 13	2348		121	568
Sill and lintel machine.	F. A. Borst.	817,413	Apr. 10	1718	362	121	1795
Silo.	D. A. Schlichter.	812,298	Feb. 13	1601	351	120	1891
Silo.	C. W. McClure.	814,067	Mar. 6	131	25	121	30
Silo.	E. F. Schlichter.	817,522	Apr. 10	1943	410	121	1842
Silo.	J. D. Powell.	817,986	Apr. 17	2866	621	121	2100
Silo.	A. Walrath.	820,750	May 15	3471	744	122	893
Silo.	A. T. Stearns.	830,379	Sept. 4	973	202	124	239
Silo.	J. D. Powell.	833,242	Oct. 16	2475	518	124	1902
Silo-door.	M. W. Hamilton.	831,279	Sept. 18	2792	589	124	757
Silver-cleaning compound.	W. H. Roome.	838,810	Dec. 18	3041		125	2193
Silver extraction.	F. J. Hobson.	828,287	Aug. 7	1196		123	1965
Silver extraction.	F. J. Hobson.	828,288	Aug. 7	1198		123	1965
Silver salt. Producing solutions containing pure	W. Bülsterli.	809,278	Jan. 9	1348		120	331
Silver solvent. Selective	F. J. Hobson.	827,368	July 31	5469		123	1443
Silvering-machine.	C. C. Laval.	813,980	Feb. 27	4895	1084-5	120	2695
Silversmith's stock	M. T. Goldsmith.	837,219	Nov. 27	4645	987	125	1279
Singeing-machine.	H. Kraemer.	816,018	Mar. 27	4126	874-5	121	1056
Singeing-machine.	H. H. Skevington, W. L. White- head, and W. H. Seltzer.	821,676	May 29	5406	1152	122	1434
Sink attachment.	A. A. Ficener.	838,702	Dec. 18	2837	609-10	125	2144
Sink-cleaner.	G. A. Keene.	816,665	Apr. 3	246	58	121	1414
Sink-frame.	R. F. and J. E. Hageman.	817,765	Apr. 17	2102	515	121	1995
Sinker.	J. H. Shepherd.	822,694	June 5	939	192	122	1936
Siphon.	G. D. Foster.	822,356	June 5	256	54	122	1782
Siphon.	W. M. Venable.	830,028	Sept. 4	233	45	124	58
Siphon.	J. E. Wiggins.	837,526	Dec. 4	486	111	125	1477
Siphon. Automatic.	G. D. Aikley.	831,817	Sept. 25	3850	807	124	1067
Siphon. Beer.	G. Piller.	827,465	July 31	5733	1187	123	1507
Siphon-closet.	B. O. Tilden. (Reissue).	12,496	June 12	2570	542	122	2334
Siphon-collar.	C. R. Schultz.	821,437	May 22	4946	1050	122	1279
Siphon. Flush-tank.	R. C. De La Hunt.	822,512	June 5	556	112	122	1849
Siphon-head.	D. Landau.	816,729	Apr. 3	350	80	121	1437
Siphon. Liquid-dispensing.	A. Kleinfeldt.	824,249	June 26	4004	857	122	2764
Siphon stand and charging apparatus.	D. Landau.	816,985	Apr. 3	886	183	121	1555
Skate.	W. H. Dunne.	809,103	Jan. 2	967	209	120	214
Skate.	S. A. Willis.	814,819	Mar. 13	1658	347	121	421
Skate.	H. A. Silvera.	814,879	Mar. 13	1757	368	121	441
Skate.	T. A. Russell.	815,121	Mar. 13	2247	471	121	545
Skate.	T. Spacie.	825,771	July 10	2268	471	123	599
Skate.	R. W. Shelmaire.	829,900	Aug. 28	4533	956	123	2906
Skate.	J. King.	838,623	Dec. 18	2688	577	125	2106
Skate for narrow tracks. Roller-	A. Kazubek.	828,409	Aug. 14	1442	304	123	2054
Skate. Motor roller-	H. Beauford.	823,385	June 12	2325	487	122	2282
Skate. Roller-	E. Petrini.	809,980	Jan. 16	2744	564	120	688
Skate. Roller-	C. G. Hoerle.	823,333	June 12	2240	467	122	2265
Skate. Roller-	O. W. Everett.	823,940	June 19	3413	729	125	2580
Skate. Roller-	W. S. Fulton.	824,108	June 26	3718	794	122	2703
Skate. Roller-	H. R. Jones.	834,526	Oct. 30	5266	1118-19	124	2680
Skate-roller.	G. C. Plummer.	837,882	Dec. 4	1190	263	125	1649
Skate-roller.	O. W. Everett.	823,939	June 19	3412	729	122	2580
Skate-runner-grinding fixture.	G. C. Plummer.	837,881	Dec. 4	1180	263	125	1649
Skate. Snow-	C. L. Joy.	835,535	Nov. 13	1314	281-2	125	375
	C. Anderson.	829,050	Aug. 21	2728	573	123	2413

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Skate wheel. Roller-	H. A. Kohler	827,451	July 31	5671	1176	123	1493
Skating-rink. Merry.	H. Loiseleur.	822,677	June 5	897	183	122	1927
Skee-runners, sledges, and the like. Artificial track for	A. Schumann	814,626	Mar. 6	1249	262	121	270
Sketch-board.	E. F. Chandler.	830,769	Sept. 11	1791	369-70	124	481
Skewer-pointing machine.	G. K. Tyler.	827,333	July 31	5406	1124	123	1429
Skid.	J. C. Marks.	815,848	Mar. 20	3793	801	121	932
Skid.	T. H. and J. W. Monahan.	822,621	June 5	790	161	122	1902
Skimming-gate.	J. J. Turner.	825,090	July 3	799	166	123	213
Skin-stretching machine.	A. A. Hellwig.	813,293	Feb. 20	3534	779	120	2344
Skins. Apparatus for cutting dried	J. Hemingway.	831,866	Sept. 25	3973	830	124	1096
Skins, leather, fabrics, &c. Apparatus for pumicing.	J. C. Paschall.	838,268	Dec. 11	2008	430	125	1896
Skinning knife or implement	O. Dunkel.	837,203	Nov. 27	4616	981	125	1271
Skirt.	A. M. Schneider.	837,738	Dec. 4	929	209	125	1586
Skirt.	K. Vernon.	838,922	Dec. 18	3232	608	125	2238
Skirt and waist fastener.	S. P. Quigley.	837,725	Dec. 4	907	206	125	1580
Skirt and waist retainer.	M. E. Clarke.	817,417	Apr. 10	1728	364	121	1797
Skirt and waist supporter.	L. C. Collins.	818,818	Apr. 24	4562	978	121	2518
Skirt-binding.	C. P. Schlegel.	835,834	Nov. 13	1874	397	125	516
Skirt evener and measurer	S. Greig and M. Mawson.	820,567	May 15	3140	675	122	820
Skirt-fastener.	W. D. and E. H. Roy.	809,465	Jan. 9	1745	360	120	417
Skirt-gage.	M. S. Doty.	819,867	May 8	1658	355	122	435
Skirt-gage.	M. Connor.	821,788	May 29	5640	1201	122	1488
Skirt-gage.	F. P. Fulton.	826,417	July 17	3473	722	123	909
Skirt-hanger.	P. T. B. Nevius.	833,693	Oct. 16	3400	724	124	2125
Skirt-hanger.	C. F. Blue.	834,706	Oct. 30	5636	1195	124	2774
Skirt-hanging gage.	A. H. and L. O. Turner.	834,032	Oct. 23	4259	903	124	2379
Skirt-marker.	H. E. Mohr and G. H. Cooper.	815,455	Mar. 20	2980	602	121	757
Skirt-marker.	G. W. Frazier.	817,760	Apr. 17	2389	513	121	1993
Skirt-marker.	E. A. Fallis and W. L. Bateman.	824,851	July 3	351	65	123	97
Skirt-marker.	A. C. McDonnell.	828,955	Aug. 21	2526	535	123	2361
Skirt-marker.	A. Waterman.	831,811	Sept. 25	3841	805	124	1065
Skirt-protecting garment.	E. S. Dix.	812,486	Feb. 13	1948	429	120	1963
Skirt-scribing platform.	W. H. Porter.	818,557	Apr. 24	4017	862	121	2398
Skirt-support.	M. A. McQuat.	825,338	July 10	1301	273	123	357
Skirt-support.	A. H. Hawk.	834,800	Oct. 30	5830	1237	124	2821
Skirt support and lifter.	T. Schöllhorn.	815,749	Mar. 20	3584	753	121	889
Skirt-supporter.	H. C. Deane.	810,729	Jan. 23	4314	896	120	1064
Skirt-supporter.	P. W. Hoffman.	811,638	Feb. 6	209	44	120	1530
Skirt-supporter.	A. W. Bucy.	819,119	May 1	175	36	122	45
Skirt-supporter.	L. A. Phillips.	820,313	May 8	2617	570	122	645
Skirt-supporter.	C. Wallerstedt and N. J. McEvoy.	829,495	Aug. 28	3687	778	123	2698
Skirt, waist, and belt holder.	G. W. Mitchell.	822,148	May 29	6319	1344	122	1643
Skids and blouses. Device for supporting or holding in position	R. B. Hope.	834,728	Oct. 30	5668	1203	124	2782
Skiving-machine.	G. W. Emerson.	813,958	Feb. 27	4860	1075	120	2688
Skiving-machine.	L. P. Hawkins.	815,702	Mar. 20	3460	722	121	863
Skiving-machine.	C. H. Bayley.	823,578	June 19	2731	578-9	122	2429
Skiving-machine.	E. F. Davenport.	823,586	June 19	2748	582	122	2432
Skiving-machine.	D. N. Robertson.	838,903	Dec. 18	3200	691	125	2231
Skylight.	J. Degenhardt. (Reissue)	12,432	Jan. 2	1339	272	120	295
Skylight.	H. A. Daniel.	829,910	Aug. 28	4551	960	123	2910
Skylight construction.	J. Haslam.	818,624	Apr. 24	4161	894	121	2430
Skylight-opener.	G. Bickelhaupt.	832,231	Oct. 2	443	82	124	1320
Slack-adjuster.	W. G. Price.	818,641	Apr. 24	4191	902	121	2438
Slack-adjuster.	C. O. Anderson.	823,095	June 12	1743	359	122	2155
Slag. Apparatus for pulverizing blast-furnace	H. Colloseus.	821,609	May 29	5269	1124	122	1405
Slag for production of material similar to trass, &c. Treatment of blast-furnace	H. Colloseus.	817,158	Apr. 10	1207	121	168	
Slag-granulating apparatus.	E. B. Clark.	824,340	June 26	4162	890-1	122	2797
Slag. Saving metal values from	C. M. Allen.	810,364	Jan. 16	3563	733	120	863
Slasher-comb.	A. E. Rhoades.	818,560	Apr. 24	4022	863	121	2399
Slat construction. Wired.	C. M. Alger.	824,899	July 3	450	89	123	121
Slate-cutting machine.	F. S. Derr.	834,002	Oct. 23	4195	889	124	2303
Slate-picking machine.	W. J. Devers.	816,901	Apr. 3	702	145	121	1514
Slaughter-house travelers. Tracking device for	C. E. De Moss.	808,819	Jan. 2	389	84	120	86
Sled.	W. L. Holloway and E. Browning.	823,684	June 19	2938	621	122	2476
Sled.	C. H. Dickson.	826,493	July 17	3688	764	123	969
Sled.	G. J. Des Jardins.	828,539	Aug. 14	1709	360	123	2122
Sled.	J. O. Jorgenson.	837,230	Nov. 27	4663	991	125	1284
Sled.	C. A. Lang.	838,724	Dec. 18	2869	618	125	2152
Sled-brake.	G. W. Shaffer and J. L. Harman.	818,475	Apr. 24	3827	823	121	2359
Sled-brake.	H. Pinkham.	829,668	Aug. 28	4045	857	123	2788
Sled-brake. Automatic.	S. W. Walker.	837,438	Dec. 4	320	76	125	1436
Sled. Folding.	B. M. Weberg.	809,155	Jan. 2	1052	218	120	231
Sled-knee.	P. A. Johnson.	831,513	Sept. 18	3220	680	124	867
Sled. Knockdown.	W. S. McKusick.	833,691	Oct. 16	3399	724	124	2124
Sled. Logging.	P. K. Albright.	821,693	May 29	5443	1159	122	1441
Sled. Logging.	A. Swanson.	812,310	Feb. 13	1619	356	120	1895
Sled-propeller.	A. D. McDonell.	821,728	May 29	5516	1176	122	1459
Sled-propelling mechanism.	J. McGillis.	827,462	July 31	5703	1180	123	1502
Sled. Steel.	W. R. King and H. Estorff.	817,071	Apr. 3	1033	214	121	1587
Sledge. Power.	W. R. Wilson and C. E. Howe.	817,605	Apr. 10	2095	442	121	1873
Sleeper. Metallic.	F. C. Moss.	809,575	Jan. 9	1952	405	120	462
Sleeping-bag.	W. Friberg.	834,298	Oct. 30	4820	1020	124	2567
Sleeve-adjuster.	H. E. Moore.	831,733	Sept. 25	3703	775	124	1031
Sleeve connector. Split.	C. W. Hutchinson.	823,534	June 19	2656	559	122	2413
Sleeve. Emergency knuckle-	J. J. Dossert.	811,949	Feb. 6	719	120	1637	
Sleeve-fastener.	W. F. Taylor.	817,349	Apr. 10	1586	335	121	1767
Sleeve-protector.	G. H. Russell.	814,328	Mar. 6	666	134	121	146
Sleeve-protector.	C. E. Cather and L. H. Buckley.	817,416	Apr. 10	1727	364	121	1797
Sleigh.	G. Borst.	833,667	Oct. 16	3337	710	124	2111
Sleigh. Baby.	W. H. Coyle.	829,847	Aug. 28	4427	434	123	2880
Sleigh. Bob.	C. Johnson.	832,129	Oct. 2	215	93	124	1266
Sleigh. Motor.	P. W. Hibbard.	813,420	Feb. 27	3808	835	120	2459
	C. J. Sisk.	820,742	May 15	3457	741	122	889

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sleigh-runner attachment for vehicle-wheels	L. J. Allard	821,974	May 29	5985	1276	122	1564
Sleigh-shoe	E. P. Jocelin	825,733	July 10	2189	457	123	580
Sleigh-shoe	C. L. Clark	832,774	Oct. 9	1523	310	124	1619
Sleighs. Anti-tip-over device for bob-	R. Lohda	818,544	Apr. 24	3995	837	121	2393
Sleighs. Truck attachment for	J. M. Closson	811,545	Feb. 6	19	5	120	1489
Sheer and grater. Fruit and vegetable	C. H. Farrar	820,857	May 15	3713	792	122	946
Sheer. Fruit-	W. H. Boutell	820,762	May 15	3500	750-1	122	899
Sheer. Fruit-	C. M. Heffron	827,691	July 31	6236	1295-6	123	1638
Sheer. Fruit and vegetable	J. J. Rookus	838,357	Dec. 11	2161	469	125	1934
Sheer. Vegetable-	F. Canfield	820,915	May 15	3857	822	122	977
Sheer. Vegetable-	W. H. Weaver	824,766	July 3	145	27	123	41
Sheer. Vegetable-	C. E. Wagner	839,239	Dec. 25	3886	835	125	2446
Shcing-machine	E. F. Smith	811,452	Jan. 30	5734	1200-1	120	1402
Shcing-machine	G. Edwards	825,529	July 10	1734	364-5	123	466
Shcing-machine	E. F. Smith	830,935	Sept. 11	2078	438-9	124	552
Shcing machine. Fruit-	H. W. Klee and C. C. Van Eaton	830,234	Sept. 4	674	135	124	170
Shidaway. Spiral	W. H. Logan	814,855	Mar. 13	1713	358	121	432
Shidaway. Spiral	W. H. Logan	818,383	Apr. 17	3657	785	121	2267
Shidaway. Spiral	W. H. Logan	829,022	Aug. 21	2667	561	123	2394
Shiding bin	W. C. Horner	823,784	June 19	3121	661	122	2515
Sliding extensible screen	A. A. Day	817,471	Apr. 10	1848	387	121	1821
Sliding gate	J. E. Boyer	826,987	July 24	4658	970	123	1228
Slime-treating apparatus	C. W. Van Law	826,390	July 17	3426	710	123	897
Slimes and similar materials. Apparatus for treating	W. T. Weekley	830,388	Sept. 4	991	208	124	244
Slimes, sands, &c. Continuous filter for	E. S. Huntley	839,591	Dec. 25	4585	977-8	125	2616
Slimes separating or filtering apparatus	D. J. Kelly	815,021	Mar. 13	2046	429	121	500
Slimes. Treating	H. N. Thomson and F. Laist	832,176	Oct. 2	319	.....	124	1291
Slipper. Adjustable	C. U. Boslev	831,210	Sept. 18	2638	554	124	715
Slot or vending machine and coin-testing mechanism therefor. Coin-controlled	L. J. Disser	835,851	Nov. 13	1903	403	125	522
Slotting-machine	G. A. Owen	822,012	May 29	6050	1289-90	122	1579
Slotting-machine	C. C. Newton	823,354	June 12	2278	476	122	2273
Slotting or splining machines. Arbor or mandrel for	G. A. Owen	827,816	Aug. 7	256	52	123	1735
Slubber or fly-frame	G. E. Bouvier and J. N. Proulx	833,668	Oct. 16	3338	710	124	2111
Slubbing, intermediate, and roving and like frames. Building-motion of	J. Heywood	823,531	June 19	2652	558	122	2412
Slug-counter	W. N. Bowman	832,033	Oct. 2	14	3	124	1216
Sluice. Free-roller	F. W. S. Stokes	825,944	July 17	2582	536	123	690
Sluice. Free-roller	F. W. S. Stokes	838,664	Dec. 18	2769	593-4	125	2127
Small-arm	G. Daninger	810,192	Jan. 16	3189	661	120	780
Small-arm. Breech-loading	J. B. Thorneycroft, M. G. Farquhar, and A. H. Hill	827,893	Aug. 7	391	83	123	1767
Small-arm magazine	P. Mauser	808,938	Jan. 2	618	135	120	136
Small-arms. Magazine in	M. P. Richards	819,801	May 8	1536	326	122	406
Small-arms. Safety appliance for	J. Tambour	834,772	Oct. 30	5776	1226	124	2807
Smelter, Concentrating	H. E. Marsh	826,729	July 24	4172	867	123	1106
Smelting	W. H. Adams and F. Powell	834,240	Oct. 30	4721	1000	124	2542
Smelting and converting apparatus. Ore	A. M. Day	812,186	Feb. 13	1365	297	120	1837
Smelting and converting ores	A. M. Day	812,785	Feb. 13	2524	555	120	2079
Smelting and refining	E. C. Pollard	813,824	Feb. 27	4600	1019	120	2633
Smelting and refining apparatus	E. C. Pollard	813,825	Feb. 27	4606	1020	120	2634
Smelting apparatus. Ore-	J. A. Potter	821,190	May 22	4425	942-3	122	1163
Smelting copper matte	W. Kemp	832,738	Oct. 9	1445	292	124	1601
Smelting-furnace	A. R. Partridge	812,083	Feb. 6	1100	241	120	1713
Smelting-furnace	J. D. Rivard	824,383	June 26	4257	907	122	2816
Smelting-furnace	F. L. McGahan	834,747	Oct. 30	5696	1209-10	124	2788
Smelting-furnace	W. J. Watson	836,548	Nov. 20	3271	696-7	125	905
Smelting-furnace. Duplex	R. Lindemann	810,063	Jan. 16	2941	612	120	731
Smelting furnace. Ore-	E. Riveroll	820,133	May 8	2265	493	122	568
Smelting furnace. Zinc-	W. Lanyon	839,160	Dec. 25	3727	804-5	125	2409
Smelting iron ore	P. L. T. Héroult	815,016	Mar. 13	2037	426	121	499
Smelting iron ore. Apparatus for	P. L. T. Héroult	815,293	Mar. 13	2587	544	121	624
Smelting iron ores	C. Ellis	839,126	Dec. 25	3662	790	125	2392
Smelting lead ores	W. Valentine and A. G. Betts	816,764	Apr. 3	422	95	121	1451
Smelting lead sulfid	A. G. Betts	816,772	Apr. 3	439	.....	121	1455
Smelting lead sulfid	A. G. Betts	816,773	Apr. 3	440	.....	121	1455
Smelting lead-sulfid ores	A. G. Betts	821,330	May 22	4702	.....	122	1223
Smelting of sulfid ores	R. Kondo	836,586	Nov. 20	3332	711	125	919
Smelting ores	E. Riveroll	820,134	May 8	2269	493	122	569
Smelting ores	J. A. Potter	821,189	May 22	4422	941-2	122	1163
Smelting ores	A. J. Mason	833,406	Oct. 16	2813	597	124	1988
Smelting ores and separating mattes	R. Baggeley, C. M. Allen, and E. W. Lindquist	830,040	Sept. 4	256	51-2	124	63
Smelting process. Electrical	W. M. Johnson	814,050	Mar. 6	102	19	121	23
Smoke-arrester. Heat-saving	J. Wagner	822,409	June 5	346	71	122	1801
Smoke-bell	T. C. O. Sherk	831,897	Sept. 25	4054	844	124	1119
Smoke-bell hanger	S. S. Myers	823,959	June 19	3451	737	122	2588
Smoke-cleaner	J. L. Matthews	824,800	July 3	233	42	123	65
Smoke-consumer	J. R. and J. Gormley and P. Conley	808,917	Jan. 2	586	129	120	128
Smoke-consumer	G. M. Boone	809,168	Jan. 2	1074	223	120	236
Smoke-consumer	W. T. Fling and J. E. Nichols	810,741	Jan. 23	4329	900	120	1068
Smoke-consumer	J. Wilson	815,574	Mar. 20	3193	671	121	802
Smoke-consumer	T. Rees	816,738	Apr. 3	365	84	121	1441
Smoke-consumer	T. Rees	816,739	Apr. 3	366	85	121	1441
Smoke-consumer	B. Haigh	818,024	Apr. 17	2949	637	121	2118
Smoke-consumer	W. H. Rostron	820,016	May 8	2020	443	122	513
Smoke-consumer	T. Rees	829,543	Aug. 28	3798	806	123	2726
Smoke-consumer	C. R. Blankenbiller	830,560	Sept. 11	1353	281	124	363
Smoke-consumer	B. Brien	830,765	Sept. 11	1782	367-8	124	479
Smoke-consumer	C. A. Lewallen and L. E. Stetler	836,449	Nov. 20	3094	656	125	861
Smoke-consumer	C. H. Shepler	838,913	Dec. 18	3220	695	125	2235
Smoke-consumer	J. T. Wood	839,797	Dec. 25	5008	1069	125	2720
Smoke-consumer and fuel-economizer. Fire-bridge	C. J. Johnson and J. Carlaw	834,734	Oct. 30	5678	1205	124	2784
Smoke-consuming furnace	W. T. Paxson	809,458	Jan. 9	1731	357	120	414
Smoke-consuming furnace	R. L. Walker	821,268	May 22	4573	972	122	1195

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Smoke-consuming furnace.....	R. Zeiller.....	824,327	June 26	4138	885	122	2792
Smoke-consuming furnace.....	C. G. Mark.....	824,497	June 26	4498	953-4	122	2868
Smoke-consuming furnace.....	J. Mödler.....	838,507	Dec. 11	2447	532	125	2004
Smoke-ejector.....	L. E. Crane and T. H. Bly.....	827,789	Aug. 7	210	41	123	1723
Smoke-flue and ventilating device. Combined.....	C. C. Roth.....	809,223	Jan. 2	1197	245	120	265
Smoke-hood.....	E. O. Haskins.....	825,828	July 10	2365	493	123	623
Smoke-jack for roundhouses.....	O. C. Mann.....	826,864	July 24	4427	922	123	1170
Smoke-machine.....	G. W. Heiland.....	821,489	May 22	5037	1072	122	1298
Smoke-preventing apparatus.....	F. A. Lewis.....	814,550	Mar. 6	1104	230	121	240
Smoke-purifying apparatus.....	W. Cline.....	824,469	June 26	4451	944	122	2858
Smoke-stack.....	W. G. Wallace.....	816,051	Mar. 27	4196	891	121	1072
Smoke-stack.....	C. Stieler.....	838,060	Dec. 11	1556	334	125	1786
Smoker's appliance.....	F. L. Burdick.....	833,121	Oct. 9	2198	462	124	1784
Smoker's compartment-box.....	E. A. Reynolds.....	833,897	Oct. 23	3855	819	124	2285
Smoking-pipe.....	M. Donohoe.....	816,902	Apr. 3	706	145	121	1515
Smoking-pipe.....	G. L. Lundin.....	817,379	Apr. 10	1642	348	121	1779
Smoking-pipe.....	W. M. Decker.....	825,811	July 10	2330	486	123	614
Smokeless furnace.....	F. D. Shepherd.....	811,748	Feb. 6	396	86-7	120	1573
Smokeless furnace.....	C. J. Dorrance.....	827,854	Aug. 7	326	69-70	123	1751
Smoothing and polishing machine.....	L. A. Berry.....	809,420	Jan. 9	1658	340	120	396
Smut-machine.....	W. H. Thompson.....	833,947	Oct. 23	3958	840-1	124	2312
Snap-fastener.....	F. E. Warner.....	820,612	May 15	3212	690	122	836
Snap-fastener.....	W. S. Richardson.....	835,867	Nov. 13	1933	409	125	528
Snap. Harness.....	M. D. Wood.....	818,330	Apr. 17	3554	761	121	2246
Snap-hook.....	G. A. Huff.....	814,135	Mar. 6	266	53	121	59
Snap-hook.....	S. Hoar.....	817,561	Apr. 10	2021	426	121	1856
Snap-hook.....	J. C. Covert.....	820,703	May 15	3383	724	122	871
Snap-hook.....	J. J. Hayes.....	824,179	June 26	3855	822	122	2733
Snap-hook.....	C. H. Billman.....	827,206	July 31	5166	1072	123	1371
Snap-hook.....	A. P. Maize.....	828,823	Aug. 14	2253	479	123	2261
Snap-hook.....	F. G. Lewis.....	831,083	Sept. 18	2405	504	124	664
Snap-hook.....	A. P. Heidt.....	835,421	Nov. 6	1106	238	125	278
Snap-hook and buckle. Combined.....	E. L. Carroll.....	821,856	May 29	5759	1226	122	1514
Snap-hook device. Harness.....	J. Reichert.....	818,193	Apr. 17	3289	703	121	2191
Snap-switch.....	H. R. Sargent.....	811,796	Feb. 6	494	107	120	1591
Snap-switch.....	F. W. Sanford.....	818,299	Apr. 17	3494	750	121	2234
Snap-switch.....	H. Geisenhöner.....	819,645	May 1	1199	264	122	269
Snap-switch.....	M. M. Wood.....	825,259	July 3	1128	239	123	294
Snatch-block.....	A. F. Wheaton.....	821,148	May 22	4357	927	122	1149
Snatch-block.....	N. Ferguson.....	821,407	May 22	4881	1036	122	1265
Snatch-block.....	G. Nettie.....	831,460	Sept. 18	3118	660-1	124	840
Snout-piercing tool.....	D. Falconer.....	823,519	June 19	2623	551	122	2406
Snow and ice. Means for keeping switch and signal apparatus free from.....	F. G. Shaw.....	834,327	Oct. 30	4886	1034	124	2583
Snow and ice. Means for keeping switch and signal apparatus free from.....	F. L. Young.....	834,440	Oct. 30	5107	1084	124	2638
Snow and ice removing apparatus.....	J. F. E. Rose.....	828,572	Aug. 14	1779	375-6	123	2141
Snow guard and fender.....	H. N. and R. H. Sieger.....	834,081	Oct. 23	4369	929	124	2405
Snow loader and unloader.....	J. O. Linden.....	825,236	July 3	1071	226	123	280
Snow-melting machine.....	J. F. Blake.....	818,072	Apr. 17	3036	655-6	121	2135
Snow-plow.....	G. C. Moore.....	814,977	Mar. 13	1932	406	121	477
Snow-plow.....	H. Grimes.....	821,634	May 29	5312	1133-4	122	1415
Snow-plow.....	A. and H. S. Masten.....	821,660	May 29	5370	1144-5	122	1426
Snow-plow.....	R. Wilken.....	830,871	Sept. 11	1967	413	124	527
Snow-plow.....	P. Hannagan.....	830,993	Sept. 11	2187	462	124	579
Snow-plow.....	P. G. Minier.....	838,200	Dec. 11	1861	398-9	125	1863
Snow-removing apparatus.....	H. Maine.....	813,050	Feb. 20	3050	671	120	2240
Snow-shovel.....	W. D. Luney.....	813,983	Feb. 27	4903	1085	120	2697
Soap.....	L. H. Reuter.....	830,365	Sept. 4	938	.....	124	231
Soap and brush holder.....	A. M. Adams.....	827,493	July 31	5810	1205	123	1525
Soap and making the same.....	M. Kuess.....	830,332	Sept. 4	865	.....	124	215
Soap and towel rack.....	E. P. Thomander.....	839,337	Dec. 25	4076	875	125	2493
Soap bar.....	T. M. Anderson.....	818,652	Apr. 24	4217	906	121	2444
Soap-bar-producing apparatus.....	K. F. Markel.....	838,127	Dec. 11	1706	367-8	125	1824
Soap. Brush.....	H. A. Burt.....	816,002	Mar. 27	4096	865	121	1050
Soap. Cake of.....	J. Schwechler.....	824,152	June 26	3800	811	122	2720
Soap. Cake of.....	G. F. Shaver.....	824,154	June 26	3804	812	122	2721
Soap. Cake of.....	H. G. Pepino.....	825,979	July 17	2641	548	123	707
Soap-dispenser.....	H. H. Schuster and D. Maier.....	823,446	June 12	2438	514	122	2306
Soap-dispensing apparatus.....	S. Gould.....	838,131	Dec. 25	3679	793	125	2397
Soap-drying machine.....	F. H. Merrill.....	831,884	Sept. 25	4026	839	124	1111
Soap-feeding machine.....	R. H. Little.....	821,300	May 22	4638	989	122	1209
Soap-holder.....	C. Howard.....	816,860	Apr. 3	624	130	121	1497
Soap-holder.....	C. H. Pinches.....	817,985	Apr. 17	2864	620	121	2100
Soap-holder.....	S. Thornton, Jr.....	818,004	Apr. 17	2905	627	121	2110
Soap-holder.....	F. W. Wilson.....	823,572	June 19	2722	576	122	2427
Soap-holder.....	E. F. Wach.....	828,258	Aug. 7	1097	231	123	1937
Soap-holder.....	J. F. Randall.....	834,405	Oct. 30	5056	1071	124	2625
Soap holder and granulator.....	C. M. Welch.....	824,768	July 3	161	28	123	48
Soap holder. Liquid.....	E. A. Bender.....	809,896	Jan. 9	2555	529	120	595
Soap in water. Emulsifying resin.....	M. Erfurt. (Reissue).....	12,549	Oct. 23	4714	998	124	2493
Soap-making apparatus.....	T. W. Alexander and E. F. Holsteen.....	824,167	June 26	3832	818	122	2728
Soap-molding machine.....	F. Daum.....	810,193	Jan. 16	3190	661	120	781
Soap-shaver.....	G. W. Browne.....	821,982	May 29	6000	1279	122	1567
Soap-shaving machine.....	G. F. Shaver.....	826,896	July 24	4504	938-9	123	1190
Sock or stocking.....	A. Poetzi.....	820,989	May 22	4039	858	122	1079
Sock or stocking.....	O. Hübel and J. Söllhuber.....	827,152	July 31	5048	1052	123	1339
Socket member.....	J. V. Washburne.....	834,035	Oct. 23	4265	905	124	2381
Sod and cornstalk cutter.....	P. C. and T. O. Meredith.....	818,105	Apr. 17	3091	667	121	2146
Soda. Manufacturing aluminate of.....	S. S. Emery.....	818,754	Apr. 24	4438	.....	121	2492
Soda-water-bottling machine.....	W. C. Wood.....	813,340	Feb. 20	3635	797	120	2364
Soda-water fountains. Sanitary syrup-receptacle for.....	F. H. Hecker. (Reissue).....	12,477	May 1	1326	287	122	298
Sofa and table. Convertible.....	N. B. Stone.....	816,616	Apr. 3	152	31-2	121	1395
Sofa or settee and pool or billiard table. Combined.....	J. N. McIntire.....	831,293	Sept. 18	2814	593-4	124	763
Soil-working machine.....	L. F. Bassett.....	835,929	Nov. 13	2043	436	125	554

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Page.	Vol.	Page.
Solar furnace.....	A. Carter.....	811,274	Jan. 30	5414	1129	120	1336
Solar heat. Apparatus for the utilization of.....	C. H. Pope.....	820,127	May 8	2254	490-1	122	566
Solder-edged-cap machine.....	J. G. Hodgson.....	820,357	May 8	2688	587-8	122	661
Solder rings to metal caps. Machine for securing.....	F. W. Schultz.....	816,942	Apr. 3	793	163	121	1535
Solder to metal caps. Machine for forming and securing.....	F. W. Schultz.....	816,943	Apr. 3	796	163-4	121	1535
Solder to rims of can-caps. Machine for automatically applying molten.....	J. G. Hodgson.....	820,358	May 8	2693	588-9	122	663
Solder to sheet-metal can-caps, &c. Apparatus for applying molten.....	W. G. Daugherty.....	812,329	Feb. 13	1652	363	120	1902
Soldering.....	C. W. Graham.....	814,779	Mar. 13	1576	333	121	404
Soldering aluminium. Means for.....	A. W. King.....	811,725	Feb. 6	355	.....	120	1565
Soldering and brazing apparatus.....	L. V. Cockrum.....	838,168	Dec. 11	1802	387	125	1848
Soldering apparatus. Side-seam.....	J. Eldridge and P. Kruse.....	832,301	Oct. 2	573	108-9	124	1352
Soldering-block.....	J. H. Allison.....	831,026	Sept. 18	2259	477	124	631
Soldering-clamp. Adjustable.....	A. Allen.....	837,768	Dec. 4	979	220	125	1597
Soldering compound.....	A. R. Hussey.....	812,494	Feb. 13	1960	.....	120	1966
Soldering flux.....	O. J. Lanigan.....	809,381	Jan. 9	1568	.....	120	378
Soldering implement. Self-heating.....	T. W. Eversole.....	835,017	Nov. 6	280	61-2	125	73
Soldering-iron.....	P. Gilbert.....	813,374	Feb. 20	3703	814	120	2379
Soldering-iron.....	J. F. Wagner and J. H. Weston.....	826,976	July 24	4633	965	123	1222
Soldering-iron. Gas.....	H. H. McMullen.....	839,506	Dec. 25	4429	945	125	2578
Soldering-iron. Electric.....	T. Van Aller.....	825,251	July 3	1114	237	123	290
Soldering-iron. Gas.....	H. Berg.....	836,663	Nov. 27	3511	750	125	997
Soldering-iron. Self-heating.....	R. W. Marvell.....	834,313	Oct. 30	4863	1027	124	2577
Soldering machine. Can.....	H. Diecks.....	817,754	Apr. 17	2373	509-10	121	1990
Soldering machine. Can.....	C. B. and C. D. McDonald.....	834,069	Oct. 23	4337	922-3	124	2398
Soldering machine. Can-end.....	O. J. Johnson.....	821,644	May 29	5336	1137	122	1420
Soldering machine. Can-vent.....	P. Kruse.....	832,327	Oct. 2	623	119-20	124	1362
Soldering machine. Can-vent-hole.....	P. Kruse.....	832,328	Oct. 2	626	120	124	1363
Soldering machine. Vacuum.....	H. Eachus.....	817,306	Apr. 10	1507	316	121	1749
Soldering-tool.....	S. Kohn.....	835,794	Nov. 13	1797	.....	121	498
Sole and heel plate.....	C. H. Upson.....	834,949	Nov. 6	142	28	125	40
Sole and sole-placer.....	J. Mahoney.....	814,061	Mar. 6	122	24	121	28
Sole-centering machine.....	W. A. Knipe.....	829,656	Aug. 28	4022	852	123	2782
Sole-cutting machines. Knife-carrying mechanism for.....	A. M. Stickney.....	815,486	Mar. 20	3028	632	121	767
Sole-edge-trimming machine.....	W. F. Packard.....	818,637	Apr. 24	4179	899	121	2434
Sole fastener. Shoe.....	W. Beck.....	808,807	Jan. 2	366	79	120	81
Sole fastening. Shoe.....	W. Beck.....	818,861	Apr. 24	4635	995	121	2533
Sole for footwear. Metal protecting.....	W. J. Linwood and J. Bennett.....	832,987	Oct. 9	1942	406	124	1719
Sole for shoes. Antislipping removable.....	J. M. Hoffman.....	818,173	Apr. 17	3249	697	121	2182
Sole-molding machine.....	J. J. Heys.....	810,940	Jan. 30	4763	991-2	120	1194
Sole-pattern and sole-rounding machine.....	J. J. Gillespie.....	830,581	Sept. 11	1400	290	124	375
Sole-pressing machine.....	E. E. Winkley.....	818,503	Apr. 24	3883	835-6	121	2370
Sole-pressing machine.....	E. E. Winkley.....	818,504	Apr. 24	3889	836-8	121	2371
Sole. Ventilating.....	H. Otterstedt.....	819,449	May 1	834	179	122	187
Sole vulcanizing and applying apparatus. Shoe.....	W. H. Butterfield.....	821,336	May 22	4715	1004	122	1226
Sole. Waterproof.....	J. N. Moulton.....	809,623	Jan. 9	2057	427	120	483
Soles and heels of shoes. Plate for.....	M. M. West.....	811,605	Feb. 6	135	29	120	1515
Soles and the like. Machine for rounding or trimming and channeling boot and shoe outer.....	M. T. Denne.....	837,287	Dec. 4	31	10-11	125	1362
Soot-scraper.....	A. H. Blackburn.....	828,996	Aug. 21	2611	550	123	2382
Sound-box.....	J. Gaynor.....	816,908	Apr. 3	718	148	121	1517
Sound-box.....	C. A. G. Pritchard.....	818,119	Apr. 17	3130	674	121	2156
Sound-modifier.....	C. R. Breen.....	838,297	Dec. 11	2059	444	125	1908
Sound-producing instrument.....	C. A. Parsons.....	816,180	Mar. 27	4464	945	121	1129
Sound-producing records. Multiple duplicating apparatus for.....	E. Desgrandchamps.....	824,710	July 3	26	4	123	10
Sound receiving and delivering horn.....	L. L. Terhune.....	814,891	Mar. 13	1775	371	121	446
Sound-record.....	G. A. Manwaring.....	819,072	May 1	74	18	122	20
Sound-record and sound-record tablet.....	V. H. Emerson.....	838,968	Dec. 18	3306	715	125	2255
Sound-record. Magnetic.....	V. H. Emerson.....	831,779	Sept. 25	3785	792	124	1051
Sound-record tablet.....	W. H. Hoyt and W. J. Gaven.....	809,263	Jan. 2	1307	266	120	288
Sound-record tablet.....	H. Godwin and A. Hoffman.....	819,058	May 1	46	10	122	14
Sound-records. Apparatus for molding.....	W. S. Tyler.....	836,417	Nov. 20	3019	640	125	844
Sound-records. Manufacture of.....	W. H. Hoyt and W. J. Gaven.....	808,842	Jan. 2	426	94	120	94
Sound-records. Manufacture of.....	W. H. Hoyt and W. J. Gaven.....	808,843	Jan. 2	427	94	120	95
Sound-records. Manufacturing.....	T. H. Macdonald.....	836,646	Nov. 20	3443	735	125	945
Sound-records. Producing flat-molded.....	W. H. Hoyt.....	828,604	Aug. 14	1831	385	123	2155
Sound-records. Production of.....	I. Kitsee.....	836,510	Nov. 20	3190	675-6	125	887
Sound-recording apparatus.....	T. A. Edison.....	831,606	Sept. 25	3428	720-1	124	953
Sound-recording device.....	H. P. Roberts.....	816,742	Apr. 3	371	86	121	1442
Sound-reproducer.....	R. Head.....	820,926	May 15	3876	826	122	982
Sound-reproducer.....	T. H. Macdonald.....	830,446	Sept. 4	1107	231	124	274
Sound-reproducer.....	T. H. Macdonald.....	835,544	Nov. 13	1330	286	125	379
Sound-reproducer.....	A. Haug.....	838,326	Dec. 11	2109	455	125	1921
Sound reproducer or intensifier applicable to phonographs or gramophones, &c.....	C. A. Parsons.....	817,868	Apr. 17	2626	569	121	2045
Sound reproducing and magnifying means.....	J. L. Gray.....	814,839	Mar. 13	1691	354	121	428
Sound-reproducing disk record.....	J. H. Milans.....	832,403	Oct. 2	772	150	124	1399
Sound-reproducing machine.....	C. A. Smith.....	831,900	Sept. 25	4059	845	124	1120
Sound-reproducing machines. Automatic cut-off for.....	J. Eifel.....	821,629	May 29	5303	1130-1	122	1413
Sound-reproducing machines. Pitch-indicating attachment for.....	C. L. Chisholm.....	814,941	Mar. 13	1863	390-1	121	464
Sound-sensitizer.....	M. Frank.....	836,674	Nov. 27	3537	754	125	1004
Sound-vibrations in water. Means for producing.....	H. B. Gale and F. M. Dewing.....	813,964	Feb. 27	4870	1077	120	2690
Sound-waves. Diaphragm for transmitting.....	E. H. Mobley.....	834,629	Oct. 30	5483	1163	124	2734
Sounding-board bridge.....	N. M. Ong.....	824,040	June 19	3608	768	122	2619
Sounding device.....	S. Earle.....	811,207	Jan. 30	5285	1106	120	1307
Sower. Seed.....	C. Bristow.....	837,542	Dec. 4	516	119-20	125	1484
Spacing and dividing instrument.....	A. Robbins.....	819,926	May 8	1774	382	122	460
Spacing and marking device.....	E. West.....	827,487	July 31	5799	1203	123	1523
Spacing apparatus.....	R. J. Davis.....	827,907	Aug. 7	409	88	123	1772
Spacing mechanism.....	W. L. Haynes.....	810,648	Jan. 23	4171	862	120	1032
Spade.....	E. C. Jewett.....	809,807	Jan. 9	2397	496	120	560
Spade.....	F. Ritter.....	827,884	Aug. 7	377	80	123	1763

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g	Vol.	Page.
Spade and hoe. Convertible.	J. P. Stenstrom.	819,181	May 1	283	60	122	71
Spade and similar handle.	F. Parkes.	812,675	Feb. 13	2321	505-6	120	2036
Spade-shield. Military.	C. Wiener.	827,898	Aug. 7	397	85	123	1769
Spanner. Adjustable.	A. R. Larssen.	833,065	Oct. 9	2099	442	124	1758
Spanner-wrench.	T. L. Churchill and W. B. Jones.	821,280	May 22	4599	980	122	1202
Spark and cinder trap.	W. E. Carle.	831,414	Sept. 18	3027	643	124	815
Spark-arrester.	G. Forquer and A. R. Musick.	813,493	Feb. 27	3956	868	120	2495
Spark-arrester.	F. P. Prendergast.	820,599	May 15	3192	686	122	832
Spark-arrester.	O. S. French and J. W. Miller.	824,004	June 19	3546	756-7	122	2607
Spark-arrester.	A. N. and A. M. Holdaway.	830,592	Sept. 11	1413	293	124	378
Spark-arrester.	W. L. Dudley.	831,656	Sept. 25	3559	745-6	124	986
Spark-arrester.	W. C. J. Hall.	832,188	Oct. 2	343	64	124	1295
Spark-arrester.	J. L. Pepper.	839,193	Dec. 25	3801	821	125	2424
Spark-coil.	C. P. L. Noxon.	811,656	Feb. 6	238	51-2	120	1537
Spark-coils. High-tension terminal for.	E. B. Jacobson.	835,135	Oct. 9	2233	471	124	1795
Spark-gap and muffler therefor.	A. E. Harrison and C. M. Haslett.	834,054	Oct. 23	4309	915	124	2392
Spark-igniting plug.	R. B. Kuhn.	820,797	May 15	3574	764	122	916
Spark-plug.	B. W. Hallstead.	818,372	Apr. 17	3629	778	121	2261
Spark-plug.	D. B. Mills.	825,856	July 10	2410	502	123	634
Spark-plug.	R. O. Hood.	838,994	Dec. 18	3346	724	125	2264
Spark-producing device.	F. A. Thurston.	839,049	Dec. 18	3466	748	125	2298
Sparkling device.	H. A. Miller.	813,104	Feb. 20	3163	692	120	2266
Sparkling device.	W. W. Morse.	827,108	July 31	4934	1030	123	1309
Sparkling devices. Current-distributor for.	J. M. Smith.	822,782	June 5	1091	225	122	1967
Sparkling ignition system.	L. J. Le Pontois.	809,268	Jan. 2	1317	267-8	120	290
Sparkling plug.	W. Ottaway.	809,578	Jan. 9	1957	407	120	462
Sparkling plug.	C. E. Ross.	829,545	Aug. 28	3801	807	123	2727
Sparkling plug.	D. W. Wilson.	834,179	Oct. 23	4583	972	124	2462
Sparring apparatus.	C. Lindsley.	835,796	Nov. 13	1803	382	125	499
Spatula and cork-extractor.	E. B. Jelks.	810,538	Jan. 23	3958	815	120	985
Specialist's chair.	W. H. Kersey.	839,393	Dec. 25	4181	895	125	2519
Spectacle attachment.	J. P. Jackson.	814,707	Mar. 13	1434	299-300	121	373
Spectacle end piece.	R. Riser.	825,483	July 10	1623	338	123	441
Spectacle frames and mountings. Temple-wire for.	L. J. Teller.	824,832	July 3	317	58	123	88
Spectacle-frames. Manufacturing.	W. A. Coates.	808,899	Jan. 2	553	122	120	122
Spectacle-temple.	P. Peck.	827,817	Aug. 7	258	52	123	1735
Spectacles.	H. Newbold.	815,975	Mar. 27	4031	853	121	1034
Spectacles.	T. A. Willson.	822,806	June 5	1140	234	122	1978
Spectacles. Attachment to.	J. P. Jackson.	811,564	Feb. 6	54	11	120	1496
Spectacles protector.	C. E. Linnig.	822,137	May 29	6290	1340	122	1635
Spectacles. Protector for.	C. E. Linnig.	809,194	Jan. 2	1125	234	120	248
Speech or signals. Apparatus for effecting the storing up of.	V. Poulsen.	822,222	May 29	6456	1371-2	122	1673
Speed and distance indicating device.	R. Abell.	833,144	Oct. 9	2250	474	124	1799
Speed and reversing mechanism. Variable.	G. Stephan.	826,969	July 24	4623	963	123	1219
Speed-changer.	W. T. Sears.	815,642	Mar. 20	3333	698	121	834
Speed-changer. Composite.	A. Wood.	823,247	June 12	2078	432-3	122	2231
Speed-changing device.	O. F. Persson.	816,369	Mar. 27	4860	1030-1	121	1214
Speed-changing device.	F. W. Wandless.	837,651	Dec. 4	752	172	125	1540
Speed-changing mechanism.	P. Shannon.	812,888	Feb. 20	2732	601	120	2170
Speed-changing mechanism.	C. C. Williams.	823,487	June 12	2543	536	122	2328
Speed-changing mechanism.	J. Metcalfe.	833,330	Oct. 16	2656	558-9	124	1950
Speed-changing mechanisms. Controlling device for.	B. Beskow.	835,210	Nov. 6	671	138-9	125	171
Speed-controller. Multivoltage.	A. D. Du Bois.	836,019	Nov. 13	2187	469	125	588
Speed-controlling device.	S. W. Hardwell.	825,567	July 10	1816	385-6	123	486
Speed-controlling system.	A. L. De Leeuw.	813,201	Feb. 20	3354	737-8	120	2306
Speed device.	C. N. Payne.	839,416	Dec. 25	4230	906	125	2530
Speed device. Variable.	J. A. De Vito.	812,729	Feb. 13	2424	531	120	2057
Speed device. Variable.	G. B. Rossman.	831,685	Sept. 25	3615	758	124	1008
Speed-differentiator.	F. H. Cheyne.	833,772	Oct. 23	3547	756	124	2208
Speed-drive.	F. M. Chapman.	831,601	Sept. 25	3420	717	124	953
Speed driving mechanism. Variable.	R. M. Ruck.	825,759	July 10	2242	466	123	593
Speed-increasing device. Automatic.	G. Baehr.	819,707	May 8	1331	288	122	359
Speed-indicating apparatus.	L. Nissim.	814,071	Mar. 6	137	27-8	121	31
Speed-indicating signal device.	H. Dahl and M. Martin.	825,960	July 17	2609	542-3	123	697
Speed-indicator.	S. Schulhoff.	811,666	Feb. 6	260	57	120	1542
Speed-indicator.	B. Volkmar.	813,185	Feb. 20	3326	731	120	2300
Speed-indicator.	C. O. Ericson.	814,905	Mar. 13	1798	377	121	450
Speed-indicator.	E. J. Loring.	815,108	Mar. 13	2217	466	121	539
Speed-indicator.	G. Ihle.	815,708	Mar. 20	3472	725	121	865
Speed-indicator.	R. Hartmann-Kempf.	817,555	Apr. 10	2009	424	121	1855
Speed-indicator.	R. Plummer.	818,117	Apr. 17	3127	673	121	2155
Speed-indicator.	R. B. North.	827,261	July 31	5268	1092-3	123	1395
Speed-indicator.	H. Dahl.	832,600	Oct. 9	1170	234	124	1537
Speed-indicator.	E. H. Riordan.	834,079	Oct. 23	4364	927	124	2404
Speed-indicator.	W. H. Jones.	834,909	Nov. 6	66	13	125	19
Speed-indicator. Electrical.	R. Anderson.	815,778	Mar. 20	3637	764-5	121	898
Speed-indicator for vehicles, &c.	C. Couleru-Meuri.	820,916	May 15	3858	822	122	977
Speed-indicator. Mechanical.	T. Hooker.	821,804	May 29	5667	1208	122	1494
Speed-indicator. Registering differential.	J. Richard.	823,440	June 12	2430	511-12	122	2304
Speed-indicators. Circuit-closing device for.	H. Dahl.	830,497	Sept. 11	1212	253-4	124	328
Speed mechanism. Variable.	S. L. Heywood.	809,802	Jan. 9	2389	494-5	120	558
Speed mechanism. Variable.	R. E. Rosewarne.	809,845	Jan. 9	2465	512-13	120	575
Speed mechanism. Variable.	C. F. Laur.	818,632	Apr. 24	4172	898	121	2433
Speed mechanism. Variable.	G. W. Marble.	818,898	Apr. 24	4698	1008	121	2547
Speed mechanism. Variable.	H. M. Norris.	820,984	May 22	4031	856-7	122	1076
Speed mechanism. Variable.	C. F. Pougher.	821,597	May 22	5226	1115	122	1338
Speed mechanism. Variable.	A. W. Pupke.	823,970	June 19	3474	742-3	122	2593
Speed mechanism. Variable.	E. Manrara and W. D. Custead.	824,942	July 3	530	105	123	142
Speed mechanism. Variable.	A. W. Pupke.	827,119	July 31	4953	1034	123	1313
Speed mechanism. Variable.	J. F. Warner.	829,242	Aug. 21	3132	659	123	2515
Speed mechanism. Variable.	A. W. Pupke.	832,210	Oct. 2	392	72-3	124	1308
Speed-meter.	R. W. Hargrave.	816,089	Mar. 27	4284	908	121	1092
Speed of any and all machines. Device for regulating the.	R. E. Gierhart and C. O. Hansen.	835,607	Nov. 13	1459	312	125	412
Speed-regulating device.	T. L. Mansfield.	812,579	Feb. 13	2146	470	120	2004

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Speed-regulator.....	J. Oler, C. A. Fugal, and J. J. Hayes.	818,281	Apr. 17	3455	743-4	121	2225
Speed-regulator.....	G. A. Mosher and F. C. Curtis.	831,563	Sept. 25	3338	701-2	124	931
Speed-regulator. Centrifugal.	R. C. Bowers and L. A. Berger.	832,233	Oct. 2	446	82	124	1321
Speed-timing apparatus.....	A. L. McMurtry.	820,123	May 8	2245	489	122	564
Speed-varying apparatus.....	L. A. Lohr.	834,212	Oct. 23	4642	985	124	2477
Speed-varying mechanism.....	J. B. Ladd.	813,651	Feb. 27	4259	935-6	120	2560
Speed-varying mechanism.....	G. A. Gulowson.	815,345	Mar. 20	2746	572	121	705
Speed-warning device. Double-signal.	S. L. Saunders.	828,902	Aug. 21	2430	517	123	2336
Speeder.....	E. Richter.	836,707	Nov. 27	3612	769-70	125	1022
Speeder.....	W. T. Sears.	837,969	Dec. 11	1376	300	125	1739
Speeder-cone.....	J. Hearttagen.	824,115	June 26	3729	796	122	2705
Speedometer.....	J. H. Bullard.	816,639	Apr. 3	196	46	121	1404
Speedometer.....	L. E. Blanchard.	825,295	July 10	1207	254-5	123	333
Spike.....	J. E. Pittman.	810,808	Jan. 23	4468	928	120	1097
Spike.....	J. W. Ford.	835,944	Nov. 13	2072	442	125	561
Spike-extractor.....	J. W. Gorsuch.	822,943	June 12	1415	296	122	2082
Spike-lock.....	J. Neil.	838,203	Dec. 11	1871	401	125	1865
Spike-puller.....	L. A. Milligan.	809,122	Jan. 2	996	205-6	120	219
Spike-puller.....	J. F. Loreman.	813,223	Feb. 20	3403	750	120	2315
Spike-puller.....	T. W. Harber.	815,701	Mar. 20	3458	722	121	862
Spike-puller.....	D. Auer.	816,287	Mar. 27	4662	989	121	1172
Spike-puller.....	O. B. Craft.	821,404	May 22	4872	1033	122	1263
Spike-puller.....	E. Woodings.	828,168	Aug. 7	943	194	123	1902
Spindle: See Spinning-spindle. Wagon-spindle.							
Spindle.....	J. G. Earle.	818,082	Apr. 17	3057	659	121	2140
Spindle.....	J. C. Potter.	821,884	May 29	5803	1236	122	1523
Spindle.....	H. C. Smith.	830,806	Sept. 11	1855	385	124	497
Spindle attachment. Vertical.	J. Parker.	825,409	July 10	1449	304	123	394
Spindle-bands. Dynamometer for	H. P. Greg.	836,752	Nov. 27	3718	793	125	1051
Spindle-molding-machine guard.	R. L. Shaw.	825,008	July 3	656	132-3	123	172
Spindle-straightening machine. Cotton-mill.	T. M. Costello.	825,192	July 3	999	211	123	261
Spindles. Bobbin-clutching means for rotatable	G. O. Draper.	834,893	Nov. 6	33	7	125	12
Spindles. Bobbin-holder for spinning.	P. J. Duggan and J. J. McCarthy.	839,460	Dec. 25	4325	923	125	2553
Spinning and doubling textile fibers. Bearing of spindles for	E. T. Daigliesh and F. Hardman.	824,708	July 3	23	3	123	10
Spinning and like machine.....	F. A. Breeze.	821,013	May 22	4081	869	122	1087
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	814,783	Mar. 13	1582	334	121	405
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	814,844	Mar. 13	1700	355	121	429
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	821,238	May 22	4515	961	122	1184
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	821,641	May 29	5331	1135	122	1419
Spinning and twisting. Cap for cap.	E. A. Flather.	817,167	Apr. 10	1224	252	121	1692
Spinning and twisting fibrous materials. Machine for.	G. O. Hadfield.	813,884	Feb. 27	4721	1044	120	2660
Spinning and twisting frame flyer.	J. H. Young.	828,010	Aug. 7	643	131	123	1830
Spinning and twisting machine.	J. R. Milson.	816,675	Apr. 3	264	61-2	121	1418
Spinning and twisting machine bands. Machine for making	M. S. Burdette.	819,848	May 8	1627	346-7	122	428
Spinning and twisting rings. Ring-holder for	G. L. Pierce.	830,452	Sept. 4	1115	234	124	276
Spinning apparatus. Rotary ring.	G. O. Draper and C. E. Metcalf.	820,628	May 15	3237	696	122	841
Spinning device. Gyroscope.	F. M. Leavitt.	814,969	Mar. 13	1920	403	121	475
Spinning-flyer.	W. Beckwith.	816,701	Apr. 3	307	72	121	1428
Spinning-flyer.	C. Wiebek.	822,796	June 5	1110	230-1	122	1972
Spinning-frame tension device.	R. G. Carle.	812,919	Feb. 20	2789	613	120	2183
Spinning-frame top-roll clearer.	G. E. Chandler.	825,584	July 10	1851	392	123	494
Spinning-frames. Adjustable fulcrum for the weight-levers of	E. Dixon.	830,215	Sept. 4	642	129	124	103
Spinning-frames. Curved fly-remover for.	R. Obernesser.	816,031	Mar. 27	4157	880	121	1064
Spinning-frames. Thread-board for	J. E. Prest.	817,273	Apr. 10	1448	305	121	1737
Spinning-machine.	J. W. Martin.	819,298	May 1	530	112-13	122	123
Spinning-machine.	T. H. Fairchild.	834,609	Oct. 30	5435	1154	124	2721
Spinning-machines. Saddle for the top rolls of.	W. Rainville.	822,075	May 29	6179	1316	122	1610
Spinning machines. Separator attachment for ring-spinning mechanism.	A. C. Allgood.	819,496	May 1	919	201	122	205
	J. J. Buckley, T. P. McGinn, and J. A. Rogan.	811,528	Jan. 30	5869	1230-1	120	1430
Spinning or twisting apparatus. Ring	G. O. Draper and C. E. Metcalf.	820,629	May 15	3239	696	122	842
Spinning or twisting apparatus. Ring	C. E. Metcalf.	820,659	May 15	3290	707	122	851
Spinning or twisting machine thread-guide mechanism.	O. L. Owen and J. F. Snelling.	810,668	Jan. 23	4205	870	120	1040
Spinning or twisting ring	J. P. Crane.	814,189	Mar. 6	361	74	121	79
Spinning-ring and holder	L. T. Houghton.	837,406	Dec. 4	258	64	125	1421
Spinning-rings. Making.	J. R. Coe.	819,340	May 1	623	132	122	143
Spinning-spindle.....	R. Morris.	815,367	Mar. 20	2804	684	121	716
Spinning yarn from flax, cotton, &c.	A. McMeekin.	815,623	Mar. 20	3291	689-90	121	825
Spiral separator.....	F. Nichter.	815,856	Mar. 20	3809	806	121	935
Spirometer.....	J. S. Renvoize.	820,259	May 8	2517	545	122	623
Spirometer.....	J. A. Morris.	821,664	May 29	5375	1146	122	1428
Spirometer.....	E. A. Reeves.	829,232	Aug. 21	3117	656	123	2512
Spittoon.....	F. Reinschmidt.	810,567	Jan. 23	4018	827	120	998
Spittoon.....	J. S. Bean.	829,687	Aug. 28	4101	869	123	2800
Spittoon.....	E. I. Grove.	839,133	Dec. 25	3683	794	125	2398
Spittoon. Fountain.	T. G. Lewis.	832,263	Oct. 2	502	94	124	1334
Spittoon or sanitary receptacle.	J. P. R. de Britto.	833,669	Oct. 16	3340	710	124	2112
Spittoons. Gold-catcher for fountain.	F. E. Webster.	814,925	Mar. 13	1830	383	121	457
Splice-bar.....	R. V. Sage and G. E. Thackray.	836,831	Nov. 27	3867	824	125	1090
Splicing-pin.....	J. L. McSpadden, H. L. Wilkie, and W. H. Lewis.	811,788	Feb. 6	483	104	120	1589
Splint.....	L. H. Shafer.	819,607	May 1	1111	245	122	250
Splint-stretcher.....	C. F. Stokes.	820,026	May 8	2038	447	122	516
Spoke-extractor.....	G. Rathel.	809,397	Jan. 9	1608	326	120	387
Spoke-socket.....	D. W. Orcutt.	837,581	Dec. 4	601	140	125	1503
Spoke-tenon and felly-clip.	J. Wilcox.	836,791	Nov. 27	3797	808	125	1073
Sponge and soap cake. Combined.	R. H. Hutchinson.	821,245	May 22	4524	963	122	1186
Sponge. Scrubbing.	F. S. Harrison.	824,013	June 19	3560	760	122	2610
Spool and needle case. Combined.	J. Sipoz.	826,372	July 17	3399	704	123	891
Spool and pincushion holder.	T. Cope.	830,304	Sept. 4	822	168	124	206

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Spool-cabinet.....	J. A. Epley.....	809,274	Jan. 2	1329	270	120	293
Spool. Compensating.....	F. E. Cole.....	815,511	Mar. 20	3076	641	121	778
Spool-holder.....	J. W. Meaker.....	810,292	Jan. 16	3404	705	120	826
Spool-holder.....	L. W. Near.....	812,670	Feb. 13	2310	503	120	2034
Spool-holder.....	J. P. Weis and W. C. Robbins.....	832,437	Oct. 2	837	162	124	1414
Spool-holder and thread-cutter.....	H. Donnelly.....	827,220	July 31	5189	1077	123	1377
Spool-holders. Combined weight and flier for.....	A. H. Groel.....	815,956	Mar. 27	3997	847	121	1026
Spool-holding box.....	G. Norwood.....	820,596	May 15	3186	685	122	831
Spool. Jack.....	L. T. Houghton.....	827,911	Aug. 7	416	89	123	1774
Spool or reel.....	A. H. Olmsted.....	821,117	May 22	4282	911	122	1131
Spool or reel.....	E. B. Crocker.....	822,433	June 5	386	80	122	1809
Spools and other articles. Holder for.....	O. A. Eschholz.....	829,198	Aug. 21	3057	641	123	2498
Spools and sewing-machine bobbins. Means for holding.....	F. A. Holt.....	809,303	Jan. 9	1392	283	120	341
Spooler-guide.....	J. M. Parker.....	836,137	Nov. 20	2453	516	125	707
Spooling machine. Jack or dresser.....	M. Ingham.....	822,278	June 5	105	21-2	122	1751
Spoon.....	W. E. Raney.....	837,506	Dec. 4	444	101	125	1467
Spoon.....	W. W. Grocott.....	838,401	Dec. 11	2258	488	125	1957
Spoon. Beverage.....	H. Morgan.....	832,992	Oct. 9	1957	409	124	1723
Spoon. Covered.....	H. D. Ward.....	812,312	Feb. 13	1623	357	120	1896
Spoon-holder.....	L. J. R. Rivet.....	832,421	Oct. 2	812	156	124	1408
Spoon. Ice-cream.....	D. H. Mosteller.....	820,061	May 8	2119	462	122	536
Spoon. Measuring.....	W. H. Arrowsmith.....	808,967	Jan. 2	699	151	120	154
Spoon. Medicine.....	W. L. Jerkins.....	808,845	Jan. 2	428	94	120	95
Spoon. Mixed-drink.....	A. L. Smith.....	834,028	Oct. 23	4252	902	124	2378
Spoon. Strainer.....	C. Hutchins.....	827,101	July 31	4923	1028	123	1306
Spout. Delivery.....	J. F. McDermott.....	811,240	Jan. 30	5346	1117	120	1321
Spout. Flexible.....	J. J. Gerber.....	836,027	Nov. 13	2201	472	125	591
Spout for discharging liquids from barrels. Sheet-metal.....	P. D. A. Seebeck.....	836,467	Nov. 20	3115	661	125	867
Spout for receptacles containing volatile inflammable liquids. Safety.....	L. Schön.....	809,634	Jan. 9	2079	431	120	487
Spout or conveyer. Adjustable.....	S. B. Hart.....	818,762	Apr. 24	4446	952	121	2493
Spray.....	J. M. Sweeney.....	813,254	Feb. 20	3456	762	120	2326
Sprayer.....	F. Mercer.....	815,192	Mar. 13	2398	500	121	580
Sprayer.....	C. W. Parks.....	818,392	Apr. 17	3674	789	121	2270
Sprayer.....	H. Rupp.....	819,602	May 1	1104	243	122	248
Sprayer.....	E. A. De Vore and F. Swain.....	835,408	Nov. 6	1079	232	125	272
Sprayer. Liquid.....	L. A. Aspinwall.....	828,175	Aug. 7	958	198	123	1906
Spraying apparatus.....	A. M. Cobb.....	809,045	Jan. 2	830	177-8	120	153
Spraying apparatus.....	A. Krautzberger.....	814,218	Mar. 6	422	87	121	91
Spraying apparatus.....	F. Koehel.....	838,193	Dec. 11	1849	396	125	1860
Spraying device.....	H. L. Josin.....	815,713	Mar. 20	3485	729	121	868
Spraying device.....	E. Eckart.....	820,631	May 15	3241	697	122	842
Spraying-machine.....	R. H. Thomas.....	832,097	Oct. 2	139	30	124	1246
Spraying-machine.....	J. W. Patterson.....	827,174	July 31	5109	1063	123	1356
Spraying-machine.....	E. E. Allen.....	834,701	Oct. 30	5619	1193	124	2770
Spring.....	F. J. Mercer.....	814,387	Mar. 6	784	158	121	173
Spring.....	G. L. Harvey.....	817,482	Apr. 10	1867	393	121	1825
Spring.....	T. Thorp.....	824,318	June 26	4123	882	122	2790
Spring.....	E. I. Dodds.....	829,912	Aug. 28	4557	961	123	2911
Spring-adjusting device.....	H. E. Keeler.....	832,064	Oct. 2	70	16	124	1229
Spring-bottom.....	J. Karpen.....	826,170	July 17	3014	625	123	799
Spring-brace.....	C. D. Brouvette.....	817,954	Apr. 17	2815	609	121	2089
Spring-clip. Wire.....	G. W. McGill.....	818,904	Apr. 24	4709	1010	121	2549
Spring-clip. Wire.....	G. W. McGill.....	818,905	Apr. 24	4712	1011	121	2550
Spring-clips. Forming.....	J. B. Hale.....	822,445	June 5	410	84	122	1814
Spring controller. Coil.....	T. A. Shea.....	829,437	Aug. 28	3540	742	123	2662
Spring edge-supporting hook.....	A. T. Knorzer and S. P. Danner.....	815,436	Mar. 20	2950	612	121	750
Spring end.....	G. H. Channell.....	809,173	Jan. 2	1082	226	120	238
Spring-fastening.....	F. Schindewolf.....	831,803	Sept. 25	3826	802	124	1062
Spring-jack switch.....	C. H. North.....	836,049	Nov. 13	2236	479	125	601
Spring-making machine. Coil.....	J. F. Gail.....	810,048	Jan. 16	2898	597-607	120	720
Spring-motor.....	H. T. Kingsbury.....	824,248	June 26	4002	856-7	122	2763
Spring-motor.....	J. Bornand.....	836,734	Nov. 27	3686	786-7	125	1043
Spring-motor.....	H. S. Esch.....	837,815	Dec. 4	1061	236-7	125	1617
Spring-motor.....	W. G. McGee.....	839,781	Dec. 25	4983	1064	125	2714
Spring-power motor.....	W. J. Meyer.....	827,647	July 31	6127	1272-3	123	1609
Spring-regulator.....	M. Gehre.....	837,557	Dec. 4	550	129	125	1492
Spring-roller. Extensible.....	L. J. Dirand.....	813,870	Feb. 27	4698	1039	120	2655
Spring seat and bed. Convertible.....	E. W. Summers.....	837,751	Dec. 4	948	214-15	125	1590
Spring-support.....	F. Karr.....	821,295	May 22	4628	986-7	122	1207
Spring-switch.....	C. C. Korns.....	826,433	July 17	3506	729-30	123	917
Spring-wheel.....	F. A. Born.....	813,035	Feb. 20	3023	665-6	120	2233
Spring-wheel.....	D. Farrand.....	817,235	Apr. 10	1364	287	121	1722
Spring-wheel.....	W. W. McKee.....	817,265	Apr. 10	1434	302	121	1734
Spring-wheel.....	R. B. Parsons.....	817,934	Apr. 17	2769	599	121	2079
Spring-wheel.....	A. G. Ramage.....	822,476	June 5	471	96	122	1828
Spring-wheel.....	G. Bardet.....	823,384	June 12	2324	487	122	2282
Spring-wheel.....	E. V. Hartford and A. W. Scheuber.....	823,529	June 19	2646	556	122	2411
Spring-wheel.....	J. C. Warner.....	828,354	Aug. 14	1343	283	123	2027
Spring-wheel.....	S. L. Taylor.....	829,182	Aug. 21	3028	632	123	2490
Spring-wheel.....	A. Ellis.....	833,828	Oct. 23	3696	787	124	2243

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prog.	Vol.	Page.
Spring-wheel.....	F. J. and O. Biehn.....	836,294	Nov. 20	2777	589-90	125	789
Spring-wheel.....	J. H. Kennebrew.....	836,811	Nov. 27	3829	816	125	1081
Spring-wheel.....	W. J. Schampel and C. H. Rasmussen.	839,652	Dec. 25	4726	1010	125	2649
Springs. Hydraulic machine for clamping plates in the manufacture of.....	W. Evans.....	819,872	May 8	1667	358	122	437
Springs. Utilizing worn-out railway or like spiral steel.....	J. Bergmann.....	809,664	Jan. 9	2139	443	120	500
Springless lock.....	H. K. Meis.....	810,340	Jan. 16	3510	724	120	850
Springwork.....	R. C. Manson.....	811,234	Jan. 30	5338	1115	120	1319
Springwork.....	J. A. Staples.....	813,923	Feb. 27	4796	1059	120	2676
Springwork.....	J. A. Staples.....	813,924	Feb. 27	4799	1059	120	2676
Sprinkler: See Automatic sprinkler. Street-sprinkler. Lawn-sprinkler.							
Sprinkler.....	C. A. Crane.....	818,938	Apr. 24	4775	1026	121	2564
Sprinkler.....	A. Bryan and W. Jones.....	830,963	Sept. 11	2125	450	124	563
Sprinkler alarm device.....	W. G. Meddings.....	829,796	Aug. 28	4333	916	123	2858
Sprinkler apparatus. Electric.....	J. W. Larish.....	814,852	Mar. 13	1709	357	121	431
Sprinkler-head.....	P. Allen.....	820,541	May 15	3091	665	122	809
Sprinkler-head. Automatic.....	N. L. Danforth.....	828,093	Aug. 7	815	169	123	1873
Sprinkler system. Automatic.....	W. Bauer.....	831,207	Sept. 18	2633	553	124	714
Sprinklers. Fitting for automatic.....	G. I. Rockwood.....	826,611	July 24	3961	820	123	1054
Sprinkling-car. Electric.....	S. T. Bole.....	830,046	Sept. 4	270	54-5	124	66
Sprinkling lawns, gardens, greenhouses, parks, &c. System for.....	F. H. Paradise.....	810,972	Jan. 30	4824	1003	120	1208
Sprinkling-machine.....	W. A. Collins.....	809,046	Jan. 2	834	178	120	184
Sprocket. Expandable.....	A. W. Boon.....	809,421	Jan. 9	1659	341	120	396
Sprocket-wheel.....	A. Q. Dufour.....	811,134	Jan. 30	5136	1073	120	1274
Sprocket-wheel.....	J. M. Dodge.....	817,632	Apr. 10	2145	455	121	1883
Sprocket-wheel.....	W. C. Waterfield.....	826,757	July 24	4230	879	123	1123
Sprocket-wheel.....	E. P. Keppelmann.....	836,044	Nov. 13	2227	477	125	599
Sprocket-wheel for toothed drive-chains.....	J. M. Dodge.....	828,200	Aug. 7	1002	208	123	1916
Spur.....	B. G. Gilbough.....	810,049	Jan. 16	2918	607	120	726
Square.....	S. R. Parks.....	821,374	May 22	4803	1020	122	1248
Square.....	J. A. Rankin.....	822,016	May 29	6061	1292	122	1582
Square.....	A. W. Hight.....	825,727	July 10	2177	455	123	577
Square.....	R. A. Breull.....	828,375	Aug. 14	1379	291	123	2037
Square.....	J. P. Ryden.....	828,510	Aug. 14	1652	348	123	2109
Square and bevel.....	N. Berard, Jr.....	828,803	Aug. 14	2217	471	123	2252
Square and bevel. Combined.....	A. Haag.....	815,528	Mar. 20	3112	650	121	785
Square and level.....	E. Oehle.....	820,311	May 8	2613	569	122	645
Square and miter. Adjustable and separable.....	P. L. Fox.....	821,092	May 22	4244	903	122	1123
Square and miter. Adjustable and separable.....	P. L. Fox.....	821,093	May 22	4246	903	122	1123
Square and miter-gage. Combined carpenter's.....	R. B. Owings.....	838,443	Dec. 11	2330	505	125	1976
Square attachment.....	M. Nicholls.....	821,115	May 22	4280	910-11	122	1130
Square. Bevel.....	T. S. Ross.....	817,991	Apr. 17	2880	622	121	2104
Square, bevel, and protractor. Combined.....	E. H. Long.....	830,727	Sept. 11	1720	355	124	464
Square. Carpenter's.....	D. Polimeni.....	817,515	Apr. 10	1929	407	121	1839
Square. Carpenter's framing.....	L. M. Hodge.....	830,322	Sept. 4	851	175	124	212
Square. Combination.....	J. McLean.....	839,182	Dec. 25	3771	814	125	2419
Square. Combination framing.....	T. L. Wilson.....	832,285	Oct. 2	542	102	124	1344
Square. Folding.....	E. L. Cook.....	810,188	Jan. 16	3181	659	120	779
Square. Folding carpenter's.....	J. Tregellas.....	834,773	Oct. 30	5776	1226-7	124	2807
Square. Mechanic's.....	J. M. Realing.....	813,173	Feb. 20	3307	728	120	2227
Square. Parallel.....	M. Branch.....	826,759	July 24	4234	880	123	1124
Square. T.....	T. Zimmerman.....	817,214	Apr. 10	1324	276-7	121	1713
Square. T.....	E. G. Heathcote.....	826,425	July 17	3493	727	123	914
Square. T and angle.....	J. Branchli.....	829,137	Aug. 21	2923	613	123	2465
Square. Take-down.....	C. K. Sitton and J. H. Williams.....	813,922	Feb. 27	4795	1058	120	2675
Square. Try.....	J. A. Traut.....	815,389	Mar. 20	2853	592	121	728
Square. Try.....	J. Collie and C. Beauchene.....	834,872	Oct. 30	5974	1270	124	2858
Square. Try.....	D. F. Broderick.....	834,964	Nov. 6	159	32	125	44
Squares. Attachment for carpenters'.....	R. L. McCartney.....	825,150	July 3	918	194	123	242
Squares. Attachment for steel.....	T. F. Norfolk.....	814,157	Mar. 6	302	60	121	66
Squib. Compound.....	J. R. Powell.....	815,119	Mar. 13	2243	470	121	545
Squib-holder.....	J. R. Powell.....	815,212	Mar. 13	2447	510	121	593
Stack-cover.....	A. Mann.....	822,143	May 29	6298	1342	122	1637
Stack shaper. Straw.....	T. S. Pearson and G. B. Lindsay.....	812,446	Feb. 13	1874	412	120	1948
Stacker.....	I. E. Steele.....	838,145	Dec. 11	1760	377-8	125	1836
Stacker and loader. Hay.....	J. Dlouhy.....	827,219	July 31	5188	1077	123	1377
Stacker and stacker attachment for threshing-machines. Pneumatic.....	S. D. Felsing.....	821,584	May 22	5200	1110	122	1332
Stacker for grain or the like.....	J. H. Bullock.....	812,014	Feb. 6	980	214	120	1689
Stacker. Hay.....	A. M. and G. E. Stevens.....	809,538	Jan. 9	1879	390	120	447
Stacker. Hay.....	C. Koehler.....	813,719	Feb. 27	4387	968	120	2587
Stacker. Hay.....	D. E. Summers.....	813,925	Feb. 27	4801	1060	120	2676
Stacker. Hay.....	H. M. Thompson.....	814,098	Mar. 6	193	38-9	121	42
Stacker. Hay.....	J. Dain.....	818,749	Apr. 24	4423	946-7	121	2489
Stacker. Hay.....	O. P. Vroom.....	819,187	May 1	292	62-3	122	73
Stacker. Hay.....	J. R. Wright.....	821,392	May 22	4844	1028-9	122	1256
Stacker. Hay.....	J. M. Ganow.....	821,711	May 29	5487	1168	122	1453
Stacker. Hay.....	R. J. Sparks.....	829,550	Aug. 28	3811	810	123	2729
Stacker. Hay.....	J. H. Bauman.....	830,198	Sept. 4	605	122	124	155
Stacker. Hay.....	J. and G. Hague.....	831,062	Sept. 18	2351	496	124	651
Stacker. Hay.....	J. R. Wright.....	834,180	Oct. 23	4584	972	124	2463
Stacker. Hay.....	J. C. Harris.....	834,724	Oct. 30	5663	1201	124	2781
Stacker-head.....	O. F. Smith.....	817,882	Apr. 17	2658	578	121	2051
Stacker hood. Wind.....	A. H. and H. A. Berns.....	828,919	Aug. 21	2463	523	123	2345
Stacker on grain-separators. Wind.....	F. B. Cumpston.....	828,304	Aug. 14	1235	258	123	2001
Stacker. Pneumatic.....	H. J. Daws.....	811,532	Jan. 30	5879	1232-3	120	1433
Stacker. Pneumatic straw.....	J. W. Nethery.....	811,736	Feb. 6	375	82	120	1568
Stacker. Straw.....	J. B. Bartholomew.....	817,895	Apr. 17	2685	584	121	2057
Stacker. Straw.....	J. B. Bartholomew.....	817,896	Apr. 17	2689	585-6	121	2058
Stacker. Straw.....	J. B. Bartholomew.....	817,897	Apr. 17	2700	586	121	2061
Stacker. Straw.....	J. B. Bartholomew.....	817,952	Apr. 17	2805	608-9	121	2086

Alphabetical list of inventions—Continued.

Invention.	Name	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Stacker. Straw.....	J. B. Bartholomew.....	818,339	Apr. 17	3572	764-5	121	2249
Stacker. Straw.....	W. D. Markley and J. E. Scheibley.	835,193	Nov. 6	640	132	125	163
Stacker. Wind.....	M. Wheeler and C. Spencer.....	832,283	Oct. 2	537	101-2	124	1343
Stackers. Fan for pneumatic.....	J. K. Sharpe, Jr.....	830,618	Sept. 11	1470	304	124	394
Stacking apparatus.....	H. H. Groo.....	837,300	Dec. 4	51	15	125	1366
Stacking method and apparatus. Straw.....	J. A. Gunn and J. J. McBride.....	810,485	Jan. 23	3849	791	120	961
Stage illusions. Means for producing.....	H. Goldin.....	838,978	Dec. 18	3322	717-18	125	2259
Stage illusions. Means for producing.....	H. Goldin.....	838,979	Dec. 18	3323	718	125	2259
Stage-scenery. Automatic fire-drop for.....	H. C. Barrow.....	833,993	Oct. 23	4167	884	124	2356
Staging. Portable.....	T. H. Kingston.....	808,989	Jan. 2	734	158	120	162
Stair.....	J. M. Knaus.....	815,840	Mar. 20	3783	798	121	929
Stair.....	S. Grossman.....	829,107	Aug. 21	2850	598	123	2446
Stair.....	P. Anderson.....	836,172	Nov. 20	2523	530	125	724
Stair-chair.....	W. J. Pennington.....	820,125	May 8	2251	490	122	565
Stair-chair. Folding.....	E. C. Brower and J. D. H. Schulz.	812,013	Feb. 6	978	213-14	120	1688
Stair. Folding.....	H. D. Keith.....	819,553	May 1	1017	222	122	229
Stair-marking tool.....	M. Leblanc.....	811,233	Jan. 30	5335	1114	120	1318
Stair-marking tool.....	M. Leblanc.....	828,413	Aug. 14	1432	306	123	2057
Stair-rod fastener.....	J. J. Constanzer.....	832,846	Oct. 9	1672	344	124	1654
Stair-routing machine.....	S. P. Woolf.....	831,204	Sept. 18	2630	553	124	713
Stair structure.....	M. Plotkin.....	811,436	Jan. 30	5713	1196	120	1397
Stair-tread.....	C. W. Englemier.....	811,334	Feb. 6	556	123	120	1603
Staircase. Traveling.....	E. L. Hocquart.....	829,152	Aug. 21	2961	619	123	2474
Stairway.....	J. H. Sticht.....	826,621	July 24	3980	823	123	1059
Stake-pin.....	F. Knoff.....	824,182	June 26	3860	823	122	2734
Staking-machine.....	W. R. Scott.....	819,605	May 1	1107	244	122	249
Stalk-cutter.....	W. P. Dorris.....	818,876	Apr. 24	4662	1000	121	2539
Stalk-cutter.....	R. A. Clark.....	821,985	May 29	6004	1280	122	1568
Stalk-cutter.....	C. A. Battle.....	826,986	July 24	4657	969	123	1227
Stalk-cutter.....	W. C. Stevenson.....	831,689	Sept. 25	3630	760	124	1012
Stalk-cutter.....	H. De Moss.....	833,373	Oct. 16	2737	577	124	1970
Stalk-cutter.....	L. Wendelin and G. Demmer.....	834,426	Oct. 30	5085	1080	124	2632
Stalk-cutter.....	T. L. Durham.....	837,810	Dec. 4	1051	234	125	1614
Stalk-cutter and harrow. Combined.....	M. P. Carpenter and W. D. Fonville.	835,499	Nov. 13	1241	267	125	358
Stall.....	C. A. Makowski.....	830,842	Sept. 11	1923	403	124	516
Stall floor-rack.....	J. H. Murray.....	813,317	Feb. 20	3595	790	120	2355
Stall for calves. Retaining.....	A. A. Lewis.....	809,923	Jan. 9	2621	541	120	610
Stall-guard.....	E. C. Pyne.....	826,113	July 17	2920	606	123	776
Stalls. Releasing device for.....	A. G. Dunham.....	837,289	Dec. 4	37	12	125	1363
Stamp.....	T. S. Buck.....	808,812	Jan. 2	374	80	120	83
Stamp.....	H. H. Norrington.....	811,949	Feb. 6	828	182	120	1658
Stamp.....	J. M. Campbell.....	827,347	July 31	5429	1128	123	1435
Stamp.....	F. Wenke.....	835,651	Nov. 13	1541	329	125	432
Stamp. Adjustable time-limit.....	W. L. Lee.....	808,993	Jan. 2	741	160	120	164
Stamp-affixer.....	S. Lewellen.....	827,983	Aug. 7	575	117	123	1815
Stamp-affixing apparatus.....	J. Schimmel, Jr.....	820,739	May 15	3451	739-40	122	888
Stamp-affixing device.....	M. R. Burrowes.....	814,936	Mar. 13	1853	388	121	462
Stamp-affixing machine.....	O. W. Johnson.....	809,569	Jan. 9	1936	402-3	120	458
Stamp-affixing machine.....	W. F. Bernheisel.....	815,138	Mar. 13	2285	477	121	554
Stamp and seal handling device.....	G. B. Kilbon.....	814,708	Mar. 13	1435	300	121	373
Stamp-book cabinet. Postage.....	J. P. McDonald.....	812,073	Feb. 6	1082	236	120	1709
Stamp damping and affixing apparatus. Adhesive.....	B. C. A. Vorster.....	810,236	Jan. 16	3289	681	120	801
Stamp. Hand.....	L. K. Scottford.....	817,195	Apr. 10	1286	266	121	1704
Stamp. Hand.....	L. K. Scottford.....	835,562	Nov. 13	1357	291	125	386
Stamp. Hand dating.....	W. I. Follett.....	813,635	Feb. 27	4233	930	120	2555
Stamp-holding box.....	P. Sternau.....	830,188	Sept. 4	569	117	124	140
Stamp-mill.....	M. P. Boss.....	815,936	Mar. 27	3959	838-9	121	1014
Stamp-mill.....	M. P. Boss.....	815,937	Mar. 27	3960	839	121	1029
Stamp-mill.....	J. F. Symons and W. H. Paul.....	818,985	Apr. 24	4865	1045	121	2583
Stamp-mill.....	J. and C. A. Hunt.....	826,726	July 24	4168	866	123	1106
Stamp-mill.....	W. W. Edwards.....	829,702	Aug. 28	4130	874	123	2806
Stamp-mill.....	P. Kirkegaard.....	834,385	Oct. 30	5011	1061	124	2615
Stamp-mill.....	P. Kirkegaard.....	838,190	Dec. 11	1841	395	125	1858
Stamp-mill mortar.....	M. P. Boss.....	822,914	June 12	1363	283	122	2072
Stamp-mill. Ore.....	T. E. Lambert.....	828,126	Aug. 7	873	180	123	1886
Stamp-mills. Automatic safety attachment for.....	J. C. H. Vaught.....	810,006	Jan. 16	2799	578	120	699
Stamp. Phosphorescent.....	J. W. Aylsworth.....	831,591	Sept. 25	3393	713	124	946
Stamp. Printing.....	W. Laycock.....	827,982	Aug. 7	573	117	123	1814
Stamp. Rubber printing.....	L. R. Blackmore.....	828,704	Aug. 14	2026	428	123	2203
Stamp. Self-inking.....	J. P. Eastman and T. F. Hawley.....	817,422	Apr. 10	1739	366	121	1799
Stamp, stationary, and cash box. Combined.....	H. A. Whitehead.....	837,442	Dec. 4	327	77	125	1437
Stamps onto letters, &c. Apparatus for gumming postage.....	B. C. A. Vorster.....	826,391	July 17	3430	711	123	898
Stamps to envelopes. Machine for applying postage.....	T. F. McKey.....	826,955	July 24	4593	957	123	1212
Stamping and labeling machine.....	W. H. McCann.....	834,631	Oct. 30	5484	1164	124	2735
Stamping and sealing machine. Envelop.....	J. E. Broad.....	835,234	Nov. 6	714	147-8	125	181
Stamping device.....	H. E. Johnson.....	833,742	Oct. 23	3490	744-5	124	2193
Stamping device. Roller.....	W. Scott.....	809,018	Jan. 2	782	169	120	172
Stamping device. Tag.....	C. C. King.....	809,188	Jan. 2	1113	231	120	245
Stamping-machine.....	I. Eyer.....	815,805	Mar. 20	3694	779	121	910
Stamping-machine.....	J. A. McAnulty.....	837,633	Dec. 4	708	162-3	125	1530
Stamping machine. Blank.....	G. W. Heene.....	826,163	July 17	3003	623-4	123	796
Stamping machine. Coupon.....	G. E. Russell.....	838,215	Dec. 11	1894	406-7	125	1870
Stamping-mill tappet.....	W. McDonald.....	824,572	June 26	4649	989	122	2901
Stamping or impressing machine. Blank.....	G. W. Heene.....	809,591	Jan. 9	1983	412	120	467
Stamping press.....	H. C. Lavery.....	811,783	Feb. 6	459	99-102	120	1585
Stanchion.....	J. Foster.....	813,788	Feb. 27	4521	998	120	2616
Stanchion.....	W. J. Williams, Jr., and A. Edgar.....	815,994	Mar. 27	4070	862	121	1041
Stanchion.....	F. R. Welcher.....	819,826	May 8	1584	336	122	417
Stanchion.....	C. E. and E. Green.....	821,588	May 22	5210	1112	122	1334
Stanchion.....	D. D. and W. D. James.....	831,871	Sept. 25	3980	831	124	1098
Stanchion.....	P. F. Miller.....	835,911	Nov. 13	2014	428	125	548
Stanchion. Cattle.....	R. Brehm.....	821,153	May 22	4364	928	122	1151
Stanchion. Cattle.....	J. R. Duff.....	836,671	Nov. 27	3532	753	125	1002

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Stanchion. Cattle-.....	J. R. Dunn.....	836,806	Nov. 27	3821	814	125	1079
Stand:							
See Advertising display-stand.	Lighter-bar stand.						
Barrel-stand.	Measuring-stand.						
Blacking-stand.	Microscope-stand.						
Boiler-stand.	Music-stand.						
Book-stand.	Pail-stand.						
Car-wheel jack-stand.	Railway-switch stand.						
Collar-stand.	Rocking-stand.						
Display-stand.	Roller-stand.						
Dressmaker's fitting-stand.	Sewing-machine stand.						
Fitting-stand.	Shoe-polishing stand.						
Flat-iron stand.	Siphon-stand.						
Flower-stand.	Switch-stand.						
Flower-pot stand.	Telephone desk-stand.						
Foldable stand.	Tripod-stand.						
Garment-fitting stand.	Trolley-stand.						
Horseshoeing-stand.	Umbrella-stand.						
Inkstand.	Washtub-stand.						
Lamp-stand.	Watch-stand.						
	Work-stand.						
Stand.....	W. H. Smead.....	827,575	July 31	5969	1238	123	1565
Stand.....	H. Wessels.....	830,943	Sept. 11	2096	443	124	536
Stand or table.....	J. W. Meaker.....	810,296	Jan. 16	3417	706	120	828
Stand or table.....	E. Werner.....	836,551	Nov. 20	3275	698	125	907
Stand. Reading.....	A. Thiele.....	835,144	Nov. 6	548	112	125	140
Stands. Wheeled base for portable	C. T. Shafer.....	833,253	Oct. 16	2493	522	124	1907
Standard.....	G. W. Du Bes.....	808,907	Jan. 2	572	126	120	125
Standard. Adjustable clutch-controlled.	F. W. Coy.....	811,278	Jan. 30	5423	1130	120	1338
Standard. Pocketless	G. W. Du Bes.....	808,733	Jan. 2	226	48	120	52
Staple-driving appliance	O. D. W. Inman.....	823,123	June 12	1808	372	122	2169
Staple extractor and holder	E. M. Smith.....	821,893	May 29	5828	1240	122	1529
Staple feeding and driving machine	W. McMurray.....	820,243	May 8	2475	535-7	122	613
Staple-machine	R. Coates.....	838,081	Dec. 11	1614	318	125	1799
Staple-machine	T. A. Briggs.....	836,662	Nov. 20	3482	743	125	954
Staple-puller	E. Hanking.....	838,987	Dec. 18	3335	721	125	2262
Staples, &c. Holder for	J. A. Blake.....	815,787	Mar. 20	3655	769	121	902
Stapling-machine	C. A. Juengst.....	813,215	Feb. 20	3390	747-8	120	2312
Stapling-machine	E. M. Cobb.....	822,348	June 5	247	51	122	1780
Stapling-machine	L. Koppel.....	822,527	June 5	583	117	122	1855
Stapling-machine	F. P. Angell.....	826,081	July 17	2856	592-3	123	761
Stapling-machine	W. H. Ray and E. Craig.....	828,569	Aug. 14	1771	372-4	123	2139
Stapling mechanism	J. C. F. Balze.....	827,700	Aug. 7	7	1-2	123	1671
Star and planet finder	L. Barritt.....	832,527	Oct. 2	1011	203	124	1455
Starch, &c. Apparatus for drying	E. E. Perkins.....	815,373	Mar. 20	2814	586	121	718
Starch. Making	W. F. Rudel.....	810,065	Jan. 16	2973		120	738
Starch-molding machine. Lump-	T. B. Wagner.....	816,624	Apr. 3	166	34-5	121	1398
Starch. Preparing soluble	A. F. J. S. and H. A. R. A. Haake.	813,647	Feb. 27	4253		120	2559
Starching-machine	W. J. Asher.....	828,869	Aug. 21	2355	501	123	2119
Starting device. Automatic	H. A. Warden, F. Manns, and W. H. Decker.	813,262	Feb. 20	3468	765	120	2329
Statement and envelop. Combination	A. B. Dewes.....	826,492	July 17	3687	763-4	123	969
Statement and envelop. Combined	A. D. Lord.....	821,723	May 29	5506	1173	122	1456
Static discharger	W. J. Hardwicke.....	836,576	Nov. 20	3319	707	125	916
Static discharger and lightning-arrester	H. M. Shaw.....	815,384	Mar. 20	2842	591	121	725
Station-indicating system. Electrical	J. Esser.....	839,376	Dec. 25	4148	889	125	2511
Station-indicator	R. F. Le Brocq.....	809,267	Jan. 2	1315	267	120	289
Station-indicator	A. E. Hovey and J. E. Tapley.....	818,447	Apr. 24	3779	812	121	2349
Station-indicator	J. E. Tapley and A. E. Hovey.....	818,483	Apr. 24	3839	826	121	2361
Station-indicator	C. E. Johnson.....	821,294	May 22	4622	985-6	122	1206
Station-indicator	J. T. Shofner.....	823,142	June 12	1842	380	122	2176
Station-indicator	L. Grillon.....	823,597	June 19	2765	585	122	2437
Station-indicator	I. C. Bandman.....	835,592	Nov. 13	1424	305	125	404
Station-indicator	P. J. Mann.....	838,126	Dec. 11	1607	365-7	125	1821
Station indicator. Railway-	D. F. Whitcomb.....	832,438	Oct. 2	838	162-3	124	1414
Stationery and other ornamentation	C. S. Clark.....	828,533	Aug. 14	1699	358	123	2317
Stationary switch and adjustable car-wheel for use thereon	A. T. Winchell.....	815,666	Mar. 20	3380	706-7	121	845
Stave-jointer	L. F. Dieter.....	815,518	Mar. 20	3088	643-5	121	780
Stave-press	J. B. Schofield.....	819,462	May 1	852	183	122	191
Stave-sawing machine	E. E. Flora.....	832,602	Oct. 9	1174	235-6	124	1538
Stave sticker. Column	C. G. Ullin.....	825,622	July 10	1933	409	123	513
Stave-tapering machine	W. H. Voss.....	833,565	Oct. 16	3131	665-6	124	2062
Stay-bolt	J. B. Tate.....	813,120	Feb. 20	3204	700	120	2276
Stay-bolt	G. S. Thompson.....	828,825	June 19	3192	675	122	2531
Stay-release. Automatic	L. P. Chute.....	812,182	Feb. 13	1355	295	120	1834
Stays for garments. Machine for forming metallic	F. W. Mallett.....	820,510	May 15	3025	651-2	122	795
Steam and gas generator	F. A. Weigel and I. Wolf.....	825,687	July 10	2103	438	123	560
Steam and hot-water boiler	M. Dean.....	816,567	Apr. 3	23	7	121	1359
Steam and hot-water boiler	E. O. Haskins.....	829,335	Aug. 21	3332	701-2	123	2565
Steam. Apparatus for controlling the flow of	J. Fehrenbach.....	833,313	Oct. 16	2625	551	124	1942
Steam. Apparatus for reducing temperature of superheated	M. W. Sewall.....	834,589	Oct. 30	5386	1143	124	2708
Steam. Apparatus for the generation of	I. H. Boyer.....	831,768	Sept. 25	3765	789	124	1047
Steam-boiler	C. W. Hawkes.....	809,503	Jan. 9	1817	374	120	434
Steam-boiler	G. Marshall.....	809,517	Jan. 9	1840	380	120	438
Steam-boiler	A. Parfitt.....	810,078	Jan. 16	2961	617-18	120	736
Steam-boiler	M. Janowitz.....	811,066	Jan. 30	4984	1040	120	1243
Steam-boiler	G. Marshall.....	811,236	Jan. 30	5341	1115-16	120	1320
Steam-boiler	P. Meurisse.....	811,785	Feb. 6	478	103	120	1588
Steam-boiler	J. C. Schneider.....	812,685	Feb. 13	2336	510-11	120	2039
Steam-boiler	D. Wigert.....	812,908	Feb. 20	2768	609	120	2178
Steam-boiler	C. W. Hawkes.....	814,206	Mar. 6	392	79-80	121	86
Steam-boiler	S. H. Hale.....	816,012	Mar. 27	4112	870	121	1054
Steam-boiler	C. C. Cherry.....	816,530	Mar. 27	5186	1100	121	1285

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Steam-boiler.....	H. Del Mar.....	817,418	Apr. 10	1730	364	121	1797
Steam-boiler.....	J. A. Ross.....	819,601	May 1	1103	243	122	248
Steam-boiler.....	L. B. Lent.....	820,054	May 8	2101	458	122	531
Steam-boiler.....	G. H. Barrus.....	821,327	May 22	4697	1000-1	122	1222
Steam-boiler.....	J. J. Tonkin.....	821,552	May 22	5144	1097	122	1320
Steam-boiler.....	H. W. Wagener.....	821,558	May 22	5156	1100	122	1322
Steam-boiler.....	J. A. Doarnberger.....	823,399	June 12	2350	494-5	122	2287
Steam-boiler.....	F. J. Hickey.....	823,864	June 19	3271	693	122	2549
Steam-boiler.....	F. X. Komarek.....	825,062	July 3	746	156	123	200
Steam-boiler.....	W. A. Berry.....	825,696	July 10	2117	441-2	123	563
Steam-boiler.....	J. B. Mowry.....	826,519	July 17	3731	773-4	123	979
Steam-boiler.....	D. Ahern.....	826,820	July 24	4335	902	123	1149
Steam-boiler.....	C. D. Marlowe and H. T. Irving.....	827,027	July 24	4732	987	123	1245
Steam-boiler.....	C. H. Smith.....	832,000	Sept. 25	4232	885	124	1162
Steam-boiler.....	F. B. Hibbard.....	834,131	Oct. 23	4495	954	124	2441
Steam-boiler.....	V. W. Blanchard.....	834,221	Oct. 23	4660	988	124	2481
Steam-boiler.....	C. E. Chapman.....	835,400	Nov. 6	1061	228	125	268
Steam-boiler.....	M. Connor.....	835,749	Nov. 13	1704	363	125	473
Steam-boiler.....	P. Ssiway.....	835,872	Nov. 13	1942	410-11	125	530
Steam-boiler.....	E. F. Edgar.....	837,392	Dec. 4	228	57-8	125	1412
Steam-boiler.....	N. MacNicoll.....	839,166	Dec. 25	3741	807-8	125	2412
Steam-boiler. Oil-burning.....	T. W. Heintzelman and J. G. Camp.....	830,833	Sept. 11	1901	397	124	509
Steam-boiler water-circulating apparatus.....	J. N. Barnum.....	827,203	July 31	5159	1071	123	1369
Steam-chest lubricator.....	D. A. and C. M. Ramage.....	830,170	Sept. 4	538	109-10	124	136
Steam-chests. Heat-screen for.....	D. C. Bailly.....	815,780	Mar. 20	3641	765	121	899
Steam-condensing apparatus.....	D. B. Morison.....	816,811	Apr. 3	510	111-12	121	1470
Steam-condensing apparatus.....	O. Kolb.....	837,308	Dec. 4	65	17	125	1370
Steam connection. Rotary.....	J. G. Timmer.....	826,454	July 17	3553	739	123	930
Steam, &c. Device for circulating.....	F. C. Goff.....	809,253	Jan. 2	1286	262-3	120	283
Steam-discharging apparatus. Condensed.....	E. Mondt.....	811,162	Jan. 30	5193	1084-5	120	1286
Steam-drier.....	S. Thurstensen.....	813,750	Feb. 27	4440	980-1	120	2599
Steam-drier. Rotary.....	J. W. Biles.....	829,758	Aug. 28	4231	896-7	123	2832
Steam-eliminator.....	W. and J. Lloyd and S. T. Nicholson.....	839,777	Dec. 25	4975	1062	125	2712
Steam-engine.....	E. Reynolds.....	811,520	Jan. 30	5853	1225-8	120	1427
Steam-engine.....	J. F. Murphy.....	812,353	Feb. 13	1688	371	120	1910
Steam-engine.....	F. S. Hyde.....	813,301	Feb. 20	3549	752	120	2347
Steam-engine.....	J. Lindberg.....	815,185	Mar. 13	2390	498	121	579
Steam-engine.....	C. A. Holcomb.....	822,001	May 29	6032	1285-7	122	1575
Steam-engine.....	J. F. Murphy.....	822,544	June 5	609	122-3	122	1861
Steam-engine.....	W. R. Emerson.....	828,100	Aug. 7	829	172	123	1875
Steam-engine.....	E. H. Boockock.....	831,822	Sept. 25	3872	811	124	1072
Steam-engine.....	J. A. Svenson.....	832,635	Oct. 9	1246	251	124	1553
Steam-engine.....	W. Shepherd.....	833,090	Oct. 9	2138	45	124	1770
Steam-engine.....	C. E. Rhodes and J. A. Ross.....	833,631	Oct. 16	3278	697-8	124	2096
Steam-engine.....	C. L. Snyder.....	837,429	Dec. 4	308	73-4	125	1433
Steam-engine.....	W. Loeffler.....	838,631	Dec. 18	2705	579-80	125	2111
Steam-engine.....	J. G. Gilreath.....	839,286	Dec. 25	3381	854-5	125	2469
Steam-engine. Compound.....	R. P. Gibbons.....	812,199	Feb. 13	1391	302	120	1842
Steam-engine. Compound.....	W. Willis.....	816,411	Mar. 27	4957	1053	121	1234
Steam-engine. Duplex.....	I. N. Moore.....	825,924	July 17	2533	527-8	123	675
Steam-engine. Rotary reversible.....	J. H. D. Beaucage.....	834,041	Oct. 23	4274	907	124	2385
Steam-engine. Tandem.....	W. L. Morrow.....	833,475	Oct. 16	2969	630	124	2024
Steam-engine. Turbine.....	T. S. Tincher.....	811,457	Jan. 30	5742	1202	120	1404
Steam-expander.....	C. A. Gilmore.....	831,785	Sept. 25	3797	795	124	1055
Steam from hot slag. Apparatus for generating.....	G. Mitchell.....	809,123	Jan. 2	997	206	120	219
Steam-generator.....	T. R. Butman.....	809,282	Jan. 9	1351	274-5	120	332
Steam-generator.....	D. Fitzgibbons.....	809,366	Jan. 9	1527	310	120	370
Steam-generator.....	J. W. Payne.....	809,839	Jan. 9	2456	510	120	573
Steam-generator.....	W. S. Johnson.....	813,098	Feb. 20	3146	689	120	2261
Steam-generator.....	C. P. Altmann.....	813,133	Feb. 20	3239	710	120	2283
Steam-generator.....	F. Fromont.....	818,948	Apr. 24	4795	1031	121	2569
Steam-generator.....	R. Schulz.....	819,382	May 1	710	150	122	161
Steam-generator.....	H. E. Rider.....	820,013	May 8	2014	442	122	512
Steam-generator.....	J. C. Suydam.....	823,230	June 12	2046	425	122	2224
Steam-generator.....	R. Henry.....	825,649	July 10	2021	422	123	539
Steam-generator.....	L. A. Gardner.....	829,773	Aug. 28	4284	906	123	2845
Steam-generator.....	G. A. Walton.....	831,124	Sept. 18	2485	525	124	680
Steam-generator.....	T. Clarkson.....	831,417	Sept. 18	3032	644	124	817
Steam-generator.....	J. W. Eisenhuth.....	833,780	Oct. 23	3563	761	124	2212
Steam-generator.....	C. J. A. Grille.....	834,903	Nov. 6	58	11	125	17
Steam-generator.....	J. B. Van Oosterwyck.....	836,287	Nov. 20	2764	587	125	786
Steam-generator.....	W. A. Pitt.....	837,114	Nov. 27	4454	945	125	1233
Steam-generator.....	L. G. Bugbee.....	837,544	Dec. 4	520	120	125	1485
Steam-generator.....	R. H. Edwards and W. M. Smith.....	838,502	Dec. 11	2440	530	125	2002
Steam generator and superheater.....	F. A. Haughton.....	809,663	Jan. 9	2177	451	120	510
Steam-generator. Slag.....	G. Mitchell.....	809,204	Jan. 2	1144	238	120	252
Steam-generators. Feeding arrangement for.....	C. Renard.....	835,916	Nov. 13	2022	430	125	549
Steam-generators. Regulated heating mechanism for.....	R. H. White.....	829,451	Aug. 28	3593	756	123	2674
Steam-heater.....	J. D. McEachren.....	819,911	May 8	1745	375	122	454
Steam-heater for warming and moistening foods.....	C. J. Monfort.....	810,496	Jan. 23	3874	796	120	968
Steam. Means for superheating.....	F. A. Haughton.....	809,612	Jan. 9	2037	423	120	479
Steam-meter.....	W. A. Kitts.....	827,920	Aug. 7	435	92	123	1778
Steam-motor.....	L. Gilmore, Jr.....	819,752	May 8	1419	305	122	377
Steam-motor.....	L. Gilmore, Jr.....	825,385	July 10	1400	293	123	382
Steam or other fluid pressure motor.....	W. V. Turner.....	833,809	Oct. 23	3632	777	124	2227
Steam, &c. Process and apparatus for generating.....	R. M. Hunter.....	835,531	Nov. 13	1305	289	125	373
Steam-producer.....	I. H. Boyer.....	822,718	June 5	986	200-1	122	1945
Steam-producer.....	I. H. Boyer.....	835,597	Nov. 13	1435	308	125	407
Steam-regenerative accumulator.....	A. C. E. Rateau.....	839,319	Dec. 25	4044	868	125	2484
Steam-regenerative accumulator.....	A. C. E. Rateau.....	839,320	Dec. 25	4047	869	125	2485
Steam. Regulating the temperature of superheated.....	J. P. Sneddon.....	814,629	Mar. 6	1253	263	121	272
Steam-separator.....	H. H. Humphrey.....	817,715	Apr. 10	2276	490	121	1911
Steam-separator.....	R. L. Kjerner.....	821,172	May 22	4391	934	122	1156

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Steam-separator.....	R. D. Jeffreys.....	835,244	Nov. 6	740	154	125	188
Steam-separator.....	I. Watts.....	836,549	Nov. 20	3272	697	125	906
Steam-separator and automatic shut-off.....	D. H. Streeper and J. W. Oelenschlager.	808,701	Jan. 2	150	35	120	35
Steam shovel and dredge.....	G. E. Turner.....	812,244	Feb. 13	1480	323	120	1862
Steam-superheating apparatus.....	A. Bolton.....	828,807	Aug. 14	2223	472	123	2234
Steam systems. Drip device for.....	W. J. Clark.....	810,911	Jan. 30	4688	979	120	1177
Steam-trap.....	T. Marcotte.....	810,423	Jan. 23	3724	767	120	931
Steam-trap.....	E. A. Marsh.....	811,420	Jan. 30	5687	1190	120	1392
Steam-trap.....	J. H. Taylor.....	813,332	Feb. 20	3625	795	120	2362
Steam-trap.....	W. S. Johnson.....	816,474	Mar. 27	5073	1076-7	121	1258
Steam-trap.....	C. E. Squires and B. F. Silliman.....	819,321	May 1	578	123	122	133
Steam-trap.....	E. V. Anderson.....	819,497	May 1	921	202	122	206
Steam-trap.....	J. T. Lindstrom.....	824,554	June 26	4618	980-1	122	2894
Steam-trap.....	W. H. Googins.....	824,715	July 3	37	6	123	13
Steam-trap.....	J. H. Blessing.....	826,221	July 17	3120	647	123	822
Steam-trap.....	T. J. Cookson.....	833,777	Oct. 23	3558	759	124	2211
Steam-trap.....	J. J. Hassen.....	834,978	Nov. 6	195	42	125	51
Steam-trap.....	W. H. Odell.....	837,711	Dec. 4	877	197-8	125	1572
Steam-trap.....	E. A. Sikes.....	838,657	Dec. 18	2757	599	125	2124
Steam-trap. Automatic.....	R. P. Scales and J. F. McElroy.....	824,441	June 26	4388	933	122	2842
Steamboats, &c. Pulling-machine for.....	F. W. Hayes and C. A. Billings.....	815,014	Mar. 13	2029	425-6	121	497
Steel and iron. Quenching-bath for treating.....	J. Churchward.....	832,771	Oct. 9	1520	124	1619	
Steel armor-plates. Manufacture or treatment of.....	R. A. Hadfield.....	834,904	Nov. 6	59	125	17	
Steel containing titanium. Production of.....	A. J. Rossi.....	822,305	June 5	164	33	122	1764
Steel from ordinary iron. Manufacture of.....	A. Massott, Jr.....	836,520	Nov. 20	3219	686	125	893
Steel from phosphoric iron. Manufacture of.....	J. Reese.....	821,744	May 29	5552	122	1467	
Steel. Hardening.....	R. A. Hadfield.....	810,531	Jan. 23	3947	120	983	
Steel. Hardening.....	S. N. Brayshaw.....	838,375	Dec. 11	2203	125	1943	
Steel. Hardening and toughening.....	J. Churchward.....	832,770	Oct. 9	1519	124	1619	
Steel in conical molds. Compressing.....	H. Harmet.....	811,143	Jan. 30	5148	1076	120	1277
Steel. Manufacture of.....	J. W. Spencer.....	822,082	May 29	6187	122	1612	
Steel. Manufacture of.....	H. H. Weaver and G. E. Thackray.....	837,598	Dec. 4	644	125	1514	
Steel. Melt or bath for hardening.....	S. N. Brayshaw.....	812,178	Feb. 13	1348	120	1832	
Steel. Producing a black oxid on the surface of.....	E. Jabulowsky.....	838,546	Dec. 18	2541	125	2071	
Steel tempering or hardening apparatus.....	H. H. Bickford.....	820,619	May 15	3223	693	122	838
Steel. Treating manganese.....	W. Brinton.....	812,811	Feb. 20	2580	120	2137	
Steering and propelling device. Combined.....	S. W. Jennings.....	833,218	Oct. 16	2426	508	121	1890
Steering device.....	A. T. Brown.....	809,171	Jan. 2	1078	225	120	237
Steering device.....	G. A. Gemmer.....	829,006	Aug. 21	2625	553-4	123	2385
Steering device.....	F. A. Law.....	832,798	Oct. 9	1577	324	124	1631
Steering device.....	T. P. and W. W. Wilson.....	837,528	Dec. 4	487	112	125	1477
Steering device. Boat.....	A. B. McCoy.....	809,072	Jan. 2	881	187	120	195
Steering device for ships.....	J. Dieckmann.....	837,288	Dec. 4	36	11	125	1363
Steering-gear.....	A. Mills.....	829,987	Sept. 4	147	24-5	124	36
Steering-gear.....	E. Bentley.....	838,940	Dec. 18	3265	706	125	2245
Steering-gear. Hydraulic and hand.....	J. G. Cooper.....	815,266	Mar. 13	2535	533	121	611
Steering mechanism for self-propelling machines.....	G. W. King, H. J. Barnhart, and C. B. King.....	830,721	Sept. 11	1702	350-1	124	459
Steering mechanisms. Motion-checking device for wheel.....	H. Lemp.....	833,230	Oct. 16	2456	513-14	124	1897
Steering submarine and submergible boats. Means for.....	L. Y. Spear.....	812,306	Feb. 13	1614	354-5	120	1894
Steering-wheels. Driving-gear for.....	A. F. Paselk.....	835,252	Nov. 6	760	159	125	192
Stem-making machine.....	M. H. Branim.....	833,196	Oct. 16	2378	498	124	1877
Stem-winding mechanism.....	N. Béguelin.....	819,714	May 8	1342	290	122	362
Stencil-cutting attachment.....	G. L. Hilliker.....	813,094	Feb. 20	3140	688	120	2260
Stencil-frame.....	J. S. Duncan.....	822,354	June 5	253	53	122	1781
Stenciling device.....	E. P. Rudolph.....	832,925	Oct. 9	1829	378	124	1692
Stenciling-machine.....	E. F. Kunath.....	824,695	June 26	4895	1041	122	2952
Stenciling-machine.....	E. F. Kunath.....	828,556	Aug. 14	1749	367-8	123	2133
Stenciling-machine.....	E. F. Kunath.....	829,531	Aug. 28	3776	802	123	2721
Stenciling-machine.....	H. M. Crowell.....	829,573	Aug. 28	3855	818	123	2741
Stenciling-machine.....	S. T. Smith, Jr.....	832,217	Oct. 2	407	76	124	1311
Stenographic machine.....	L. Chambonnaud.....	828,192	Aug. 7	990	206	123	1913
Step-joint.....	G. A. Weber.....	817,825	Apr. 17	2533	544-5	121	2025
Step or mat.....	C. Dahlstrom.....	817,837	Apr. 17	2560	549	121	2031
Stereopticon.....	G. Kleine.....	810,339	Jan. 16	3507	723	120	849
Stereopticon apparatus. Automatic.....	M. H. Killen.....	817,251	Apr. 10	1396	294-5	121	1727
Stereopticons. Dissolving mechanism for.....	J. C. Martinecourt.....	837,942	Dec. 11	1308	287-8	125	1721
Stereopticons. Picture-slide controller for.....	A. K. Wait.....	828,790	Aug. 14	2194	465	123	2246
Stereoscope.....	P. D. Penn.....	810,401	Jan. 23	3681	758	120	922
Stereoscope.....	C. Frazer.....	819,272	May 1	486	100	122	113
Stereoscope.....	R. R. Whiting.....	826,635	July 24	4001	828	123	1064
Stereotype-casting machines. Trimming mechanism for.....	T. M. North.....	809,524	Jan. 9	1853	385	120	441
Stereotype-plate holder.....	C. F. Rockstroh.....	809,399	Jan. 9	1611	327	120	388
Stereotype-plates. Means for casting.....	T. M. North.....	838,741	Dec. 18	2897	623-5	125	2159
Stereotypes and other plates. Mounting-board for.....	A. J. Parker.....	828,768	Aug. 14	2152	455	123	2235
Stereotypes and the like. Manufacture of.....	R. C. Anand.....	815,999	Mar. 27	4076	863	121	1043
Stereotyping apparatus.....	S. G. Goss.....	812,924	Feb. 20	2801	616-17	120	2186
Stereotyping apparatus.....	S. G. Goss.....	829,202	Aug. 21	3065	643-5	123	2500
Sterilizer.....	H. A. Miller.....	837,094	Nov. 27	4416	936	125	1223
Sterilizer and pasteurizer.....	S. G. Scanlan.....	827,396	July 31	5527	1150	123	1459
Sterilizer and valve.....	H. W. Shonnard.....	824,827	July 3	301	55	123	84
Sterilizer. Basin.....	H. W. Shonnard.....	816,886	Apr. 3	678	140	121	1509
Sterilizer. Liquid.....	D. L. Holden.....	838,409	Dec. 11	2268	491	125	1960
Sterilizers. Valve mechanism for.....	J. E. Hall.....	810,533	Jan. 23	3950	812-13	120	984
Sterilizing and antiseptic case with stand for surgical instruments.....	P. Briganti.....	816,959	Apr. 3	830	170	121	1542
Sterilizing apparatus. Liquid.....	J. C. Miller. (Reissue).....	12,448	Feb. 6	1329	289	120	1762
Sterilizing apparatus. Portable.....	W. W. Sweeney.....	815,313	Mar. 13	2639	552	121	633
Sterilizing bottled carbonated liquids. Apparatus for.....	A. Kowarsch.....	832,581	Oct. 2	1117	224-5	124	1483
Sterilizing liquid by heat under pressure. Apparatus for.....	C. F. V. Morel.....	812,765	Feb. 13	2488	546	120	2070
Stethoscope.....	O. Städtler.....	814,923	Mar. 13	1825	383	121	456

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Stethoscope.....	C. M. Root.....	821,315	May 22	4671	995	122	1216
Stethoscope.....	T. W. Tallqvist.....	824,450	June 26	4403	936	122	2845
Stethoscope.....	C. R. C. Borden.....	832,032	Oct. 2	13	3	124	1216
Stick-pin.....	M. Kennedy.....	836,262	Nov. 20	2716	578	125	772
Stick-pocket.....	C. G. Holz.....	838,714	Dec. 18	2854	614	125	2148
Stiffening material. Making.....	C. H. Cheesman.....	812,639	Feb. 13	2257	.....	120	2024
Still.....	J. H. Smith.....	814,405	Mar. 6	831	172	121	181
Still.....	Z. E. Fiveash.....	817,552	Apr. 10	2005	422-3	121	1854
Still.....	J. J. Brennan.....	822,573	June 5	684	139	122	1878
Still. Ammonia.....	B. Thoens.....	818,858	Apr. 24	4630	994	121	2532
Still and condenser. Continuous.....	R. W. Erwin.....	836,022	Nov. 13	2194	470	125	590
Still. Domestic water.....	R. P. Barnstead.....	825,178	July 3	974	205	123	254
Still. Glycerin.....	C. Sudre.....	815,761	Mar. 20	3607	757	121	893
Still. Turpentine.....	D. M. Ross and F. T. Edwards.....	821,887	May 29	5808	1237	122	1524
Still. Turpentine.....	F. M. Gideon.....	832,311	Oct. 2	596	112	124	1356
Still. Water.....	R. P. Barnstead.....	823,488	June 12	2545	536	122	2328
Still. Wood.....	H. Copilovich.....	814,901	Mar. 13	1791	374	121	449
Stillt.....	H. J. Chambers.....	815,795	Mar. 20	3677	774	121	907
Stillt. Adjustable.....	J. Thenser.....	809,862	Jan. 9	2497	519	120	583
Stillt. Spring.....	A. Hanson.....	822,448	June 5	416	85	122	1815
Stirrurp.....	G. H. Zimmerman.....	836,000	Nov. 13	2158	462	125	581
Stirrurp and hammock spring.....	S. P. Foster.....	822,731	June 5	1010	207	122	1950
Stirrurp. Saddle.....	F. H. Audley.....	831,318	Sept. 18	2861	607	124	774
Stirrurp. Safety.....	F. T. Shipton.....	811,100	Jan. 30	5042	1054	120	1255
Stirrurp. Safety.....	W. P. McFadden.....	828,237	Aug. 7	1072	225	123	1932
Stitch and similar machine. Festoon.....	R. Schöchli.....	814,236	Mar. 6	453	94	121	98
Stitch-indenting machine.....	F. Chateaufneuf.....	836,862	Nov. 27	3916	836	125	1103
Stitch-separator and pricking-up machine.....	T. D. Barry.....	811,997	Feb. 6	952	208	120	1682
Stitched fabric. Ornamental.....	R. Loeb.....	823,421	June 12	2388	504	122	2296
Stitching and embroidery machine. Ornamental.....	F. Gegauß.....	821,233	May 22	4499	958	122	1180
Stitching machine. Buttonhole.....	W. E. Goodyear.....	809,052	Jan. 2	849	180	120	188
Stock and die.....	M. G. Cornell, Jr.....	821,403	May 22	4871	1033	122	1263
Stock and die.....	N. Tobias.....	828,150	Aug. 7	908	186-7	123	1894
Stock-fountain.....	J. Falk.....	822,440	June 5	402	83	122	1812
Stock-fountain.....	J. Falk.....	838,246	Dec. 11	1973	422	125	1888
Stock-loader.....	E. Arthur.....	815,893	Mar. 20	3894	823-4	121	953
Stock-tank.....	P. Kennedy.....	809,958	Jan. 16	2703	557	120	678
Stocking.....	J. H. Pedden.....	812,168	Feb. 6	1299	284	120	1754
Stocking and manufacturing same.....	M. Thus.....	810,095	Jan. 16	2995	624	120	743
Stocking-supporter.....	G. J. Murdock.....	833,618	Oct. 16	3255	693	124	2091
Stocking-supporter.....	A. Levy.....	838,555	Dec. 18	2555	552	125	2075
Stocking-supporter-loop pad.....	J. H. Filkington.....	838,643	Dec. 18	2727	585	125	2117
Stoker.....	P. J. Duffy.....	820,184	May 8	2367	514-15	122	589
Stoker.....	H. G. Cox.....	827,852	Aug. 7	323	67-9	123	1750
Stoker. Automatic.....	J. P. Luckett.....	837,858	Dec. 4	1148	254-5	125	1640
Stoker. Furnace.....	A. J. Maskrey.....	827,249	July 31	5238	1088	123	1388
Stoker. Mechanical.....	A. K. Mansfield and S. M. Felton.....	809,202	Jan. 2	1141	237	120	251
Stoker. Mechanical.....	J. A. Caldwell.....	812,635	Feb. 13	2248	488-9	120	2022
Stoker. Mechanical.....	W. Seaton, Jr.....	819,937	May 8	1796	388-9	122	465
Stoker. Mechanical.....	S. W. Simonds.....	833,091	Oct. 9	2139	450-1	124	1770
Stoker. Overfeed.....	A. D. Southam.....	820,528	May 15	3068	660-1	122	805
Stoking appliance. Mechanical.....	J. Vicars, Sr., T. and J. Vicars, Jr.....	819,476	May 1	881	192	122	197
Stoking-grate mechanism.....	W. McClave.....	831,177	Sept. 18	2574	542-4	124	702
Stone and other material. Tool for working.....	A. S. and R. Reid.....	839,642	Dec. 25	4703	1004-5	125	2644
Stone and other materials. Machine for sizing and cutting.....	W. F. Currier.....	822,724	June 5	998	203-4	122	1948
Stone. Artificial.....	F. Kellen.....	830,597	Sept. 11	1422	295	124	380
Stone blocks and the like. Machine for making artificial.....	R. Titus and F. J. Mearing.....	832,101	Oct. 2	145	31	124	1247
Stone blocks. Machine for making artificial.....	A. C. Kynett and E. D. Toops.....	830,726	Sept. 11	1711	353-4	124	462
Stone. Combination for and the process of manufacturing artificial.....	E. T. Bundsmann.....	839,722	Dec. 25	4866	.....	125	2685
Stone-crusher.....	W. L. Velten.....	838,921	Dec. 18	3231	698	125	2237
Stone-cutting saw.....	J. S. Young.....	816,768	Apr. 3	431	97	121	1453
Stone-cutting saw.....	J. S. Young.....	816,769	Apr. 3	432	97	121	1453
Stone-dressing device.....	H. and R. Hughes.....	813,210	Feb. 20	3377	744	120	2310
Stone-dressing machine.....	F. Carman.....	827,960	Aug. 7	535	110	123	1805
Stone-dressing machine.....	L. T. Rhea.....	838,454	Dec. 11	2347	509-10	125	1980
Stone fronts. Making imitation.....	E. G. Kemper.....	828,031	Aug. 7	687	142	123	1841
Stone-making machine. Artificial.....	H. Z. Kline.....	811,300	Jan. 30	5465	1139-40	120	1346
Stone-making machine. Artificial.....	A. A. Forbes.....	819,746	May 8	1409	303	122	375
Stone-making mold. Artificial.....	N. L. Damon.....	824,235	June 26	3970	850-1	122	2757
Stone. Manufacture of artificial.....	J. Purvis and T. Rouse.....	831,296	Sept. 18	2820	.....	124	764
Stone-marking device. Artificial.....	S. S. Chezem.....	833,675	Oct. 16	3347	712	124	2114
Stone. Means for making artificial building.....	O. B. Kaiser.....	822,524	June 5	577	116	122	1853
Stone mold. Artificial.....	A. Lake.....	819,769	May 8	1462	.....	122	387
Stone mold. Ornamental-artificial.....	A. L. Bemis.....	835,175	Nov. 6	601	123	125	152
Stone-molding machine. Artificial.....	N. F. Palmer.....	815,372	Mar. 20	2813	586	121	718
Stone or the like. Press for molding artificial.....	W. H. Fisher.....	819,054	May 1	36	8-9	122	12
Stone pipes, tiles, &c., and apparatus therefor. Manufacture of artificial.....	E. H. Rieter-Bodmer.....	825,243	July 3	1100	232	123	287
Stone plates. Production of artificial.....	C. Pohl.....	813,171	Feb. 20	3304	727	120	2296
Stone post or column. Artificial.....	N. Michelena é Inarra.....	816,171	Mar. 27	4444	941	121	1125
Stone, &c. Process and apparatus for the construction of slabs of artificial.....	A. Hermann.....	838,406	Dec. 11	2263	489-90	125	1958
Stone-quarrying machine.....	E. T. Morris.....	823,351	June 12	2273	474-5	122	2272
Stone-quarrying machine.....	R. K. Cronkhitte and W. C. Offer.....	829,508	Aug. 28	3723	790-1	123	2707
Stone-saw.....	J. D. Clevenger.....	813,484	Feb. 27	3934	864	120	2490
Stone-saw.....	I. M. McKay.....	824,946	July 3	539	106	123	144
Stone-saw.....	C. K. George and J. Burnett.....	832,053	Oct. 2	49	13	124	1225
Stone-sawing machine.....	E. T. Pollard.....	836,533	Nov. 20	3246	690-1	125	898
Stone-sawing machinery.....	A. G. Grice.....	817,847	Apr. 17	2579	565-6	121	2035
Stone shingle. Artificial.....	O. Price.....	816,252	Mar. 27	4590	977	121	1156
Stone. Splitting.....	J. F. Copps.....	820,849	May 15	3700	789-90	122	943
Stone-splitting device.....	J. F. Copps.....	820,848	May 15	3699	789	122	943

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Stone walks. Tool for making artificial.	P. F. Connelly.	808,900	Jan. 2	555	123	120	122
Stone-working machine.	J. R. Peirce.	819,080	May 1	90	21	122	24
Stone-working machine.	J. R. Peirce.	827,993	Aug. 7	600	122-3	123	1819
Stool.	V. A. Fagerstrom.	817,234	Apr. 10	1363	286	121	1721
Stool.	F. M. Conway.	821,704	May 29	5471	1164	122	1448
Stool and pail-holder. Foldable milking.	J. E. Beebe.	815,672	Mar. 20	3391	708-9	121	847
Stool and pail-holder. Milk.	E. E. Kinney.	835,438	Nov. 6	1134	245	125	285
Stool back-rest. Adjustable.	L. M. Rich.	818,293	Apr. 17	3474	748	121	2229
Stool. Camp.	C. Erickson.	816,905	Apr. 3	709	146	121	1516
Stool. Folding.	C. Erickson.	816,158	Mar. 27	4419	935	121	1120
Stool. Folding.	G. H. Hutton, Jr.	830,326	Sept. 4	857	177	124	213
Stool. Milking.	M. T. Hamilton.	815,425	Mar. 20	2930	608	121	746
Stool. Milking.	H. H. Kagey.	818,254	Apr. 17	3414	732	121	2216
Stool. Piano.	E. R. Hunter.	826,575	July 24	3873	802	123	1029
Stool. Piano.	A. Pyle.	829,888	Aug. 28	4514	952	123	2901
Stool. Piano.	S. S. Broughton.	833,771	Oct. 23	3547	755	124	2208
Stool. Pneumatic cushioned.	C. Smith.	828,781	Aug. 14	2180	460	123	2242
Stools. Back for folding.	G. B. Freeman.	823,596	June 19	2764	585	122	2436
Stop-motion apparatus. Automatic.	K. E. O. Jansson.	826,577	July 24	3878	803-4	123	1030
Stop-motion device. Automatic slow-down.	A. M. Coyle.	838,170	Dec. 11	1806	387	125	1849
Stop-motion for high-speed machines.	W. E. Goodyear.	818,159	Apr. 17	3211	691	121	2173
Stop-motion for pit-cages, hoists, &c.	G. Dünkelberg.	827,088	July 31	4892	1020	123	1299
Stop-motion for sliver lap-machines.	W. Henry.	821,590	May 22	5213	1112-13	122	1335
Stop-motion mechanism.	H. Sirois.	837,135	Nov. 27	4496	954	125	1242
Stopper.							
See Bottle-stopper.	Leak-stopper.						
Flue-stopper.	Removable stopper.						
Hot-water-bag stopper.	Vessel-stopper.						
Stopper.	C. N. Briscoe.	814,352	Mar. 6	718	145	121	158
Stopper.	W. I. Kaiser.	815,351	Mar. 20	2755	574	121	707
Stopper and liquid-dropper. Combination.	J. L. Dunnoek.	824,631	June 26	4768	1016	122	2927
Stopper-cutting machine.	A. Kayser.	818,765	Apr. 24	4450	953	121	2494
Stopper expanding and extracting device.	E. W. Bennett.	820,469	May 15	2928	635	122	773
Stopper-extractor.	F. P. Nobis.	825,929	July 17	2555	530	123	682
Stopper-extractor.	A. Seitz.	827,756	Aug. 7	124	27	123	1701
Stopper for laboratory flasks, bottles, and other containers.	W. S. Johnstone.	837,408	Dec. 4	261	65	125	1421
Stopper retaining and extracting device.	W. L. Gallagher.	810,331	Jan. 16	3490	721	120	844
Stoppers from pulp fiber. Machine for forming.	R. W. Goeb.	831,278	Sept. 18	2785	587-9	124	755
Stopping device and alarm. Automatic.	D. B. Adams.	828,262	Aug. 7	1110	234	123	1941
Stoppie and non-refillable bottle. Automatic.	A. H. Cox.	815,147	Mar. 13	2305	482	121	558
Storage battery.	W. Fennell and W. P. Perry.	810,929	Jan. 30	4739	988	120	1159
Storage battery.	W. Fennell and W. P. Perry.	810,930	Jan. 30	4739	989	120	1190
Storage battery.	A. Müller.	813,730	Feb. 27	4405	971	120	2592
Storage battery.	F. Mouterde.	814,064	Mar. 6	126	24	121	29
Storage battery.	H. B. Hallock.	814,691	Mar. 13	1408	293	121	367
Storage battery.	W. H. Palmer, Jr.	817,132	Apr. 3	1145	287	121	1614
Storage battery.	J. R. Macmillan.	817,498	Apr. 10	1899	400	121	1832
Storage battery.	T. A. Edison.	821,032	May 22	4120	876	122	1097
Storage battery.	G. A. Ford.	824,348	June 26	4181	894	122	2802
Storage battery.	G. A. Ford.	829,643	Aug. 28	4002	848	123	2777
Storage battery.	J. Landis.	839,600	Dec. 25	4608	984	125	2622
Storage battery.	J. Bijur.	839,712	Dec. 25	4849	1036	125	2681
Storage battery. Electric.	H. H. Porter.	813,582	Feb. 27	4129	905	120	2533
Storage bin.	G. H. Warren and S. Fontaine.	827,589	July 31	5996	1246-7	123	1571
Storage bin.	E. Brown.	832,290	Oct. 2	549	104	124	1346
Storage cells or batteries. Charging system for.	J. D. Freund.	836,314	Nov. 20	2816	598	125	798
Storage-cells. System for charging.	A. G. Wilson.	827,836	Aug. 7	291	60-1	123	1743
Storage-cells. System for charging.	I. S. Raymer.	838,583	Dec. 18	2606	502	125	2088
Store-front construction.	F. J. Plym.	820,438	May 15	2864	624	122	758
Store-front construction.	F. J. Plym.	837,640	Dec. 4	723	166	125	1533
Store-front construction.	J. A. Wright.	824,968	July 3	590	118	123	157
Store-front construction.	C. J. Miller.	809,714	Jan. 9	2234	463	120	523
Store-front construction.	G. Staib.	810,092	Jan. 16	2080	623	120	742
Store-front construction.	E. W. Wilcox.	818,595	Apr. 24	4092	879-80	121	2414
Store-front construction.	J. S. Palmer.	810,970	Jan. 30	4820	1002	120	1207
Storing apparatus. Material.	W. J. Selleck.	835,563	Nov. 13	1358	292	125	386
Storing apparatus. Material.	W. J. Selleck.	837,586	Dec. 4	614	143	125	1505
Storm and screen construction.	J. G. Ralph.	839,640	Dec. 25	4700	1003	125	2643
Storm-top.	W. A. Hunter.	810,151	Jan. 16	3105	641	120	763
Stove.	C. T. Taylor and G. L. Clark.	812,614	Feb. 13	2207	480-1	120	2014
Stove.	F. D. Moses.	817,182	Apr. 10	1259	261	121	1699
Stove.	N. D. Loughrey.	819,775	May 8	1473	314	122	389
Stove.	H. B. Brooks.	823,389	June 12	2331	488	122	2283
Stove.	F. A. Buck.	826,308	July 17	3272	676-7	123	859
Stove.	B. B. and F. R. Cutler and J. D. Johnston.	827,424	July 31	5620	1162-3	123	1479
Stove.	J. F. Heister.	828,476	Aug. 14	1585	335	123	2091
Stove.	W. H. Lutz.	829,408	Aug. 28	3477	731	123	2646
Stove.	J. E. Sumner.	831,485	Sept. 18	3168	670	124	852
Stove.	J. M. Utz.	834,345	Oct. 30	4920	1042	124	2592
Stove.	M. Decker.	835,301	Nov. 6	848	179	125	214
Stove.	J. M. Mitchell.	836,046	Nov. 13	2229	477-8	125	600
Stove.	W. V. Robinson.	836,343	Nov. 20	2867	609	125	809
Stove.	J. M. Ericson.	837,456	Dec. 4	360	84	125	1445
Stove.	A. V. Erving.	837,814	Dec. 4	1059	236	125	1616
Stove.	M. Sosnoski.	839,663	Dec. 25	4743	1013	125	2653
Stove and furnace.	H. E. Jones.	818,628	Apr. 24	4166	896	121	2431
Stove and furnace.	F. Fieberger.	834,282	Oct. 30	4809	1017	124	2564
Stove and range. Gas cooking.	V. W. Blanchard.	834,229	Oct. 23	4674	990	124	2485
Stove ash-dump.	A. C. Anderson.	827,281	July 31	5301	1099	123	1402
Stove attachment.	R. L. Weddington.	819,681	May 1	1267	276	122	284
Stove attachment.	E. F. Head.	821,589	May 22	5212	1112	122	1385
Stove attachment.	C. A. Notman.	836,939	Nov. 27	4097	875	125	1144
Stove attachment.	W. C. Kerstetter.	838,421	Dec. 11	2296	496	125	1967
Stove attachment. Cooking.	G. F. Green.	811,056	Jan. 30	4969	1037	120	1240

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Stove attachment. Gas-	W. S. Ward	835,693	Nov. 13	1601	341	125	447
Stove-board	P. Pfeil	819,163	May 1	242	52	122	60
Stove. Charcoal cooking-	E. Jarvis	832,321	Oct. 2	614	117	124	1360
Stove. Combined cooking and heating	O. S. Landers	829,075	Aug. 21	2776	583-4	123	2426
Stove. Combined heating and cooking	J. W. Tatum	812,381	Feb. 13	1751	384	120	1923
Stove. Cooking-	E. C. Cole	820,847	May 15	3697	789	122	943
Stove. Cooking-	E. C. Cole	832,534	Oct. 2	1028	206	124	1460
Stove. Cooking and roasting	F. Glowacki	820,967	May 22	3983	845	122	1067
Stove doors. Mirror attachment for gas-	B. F. Allen and G. R. Ford	821,846	May 29	5744	1223	122	1511
Stove draft apparatus	S. McClure	839,622	Dec. 25	4644	990	125	2631
Stove draft attachment. Cook-	J. E. Thorelius	818,003	Apr. 17	2903	637	121	2109
Stove. Folding	F. Hiller	811,294	Jan. 30	5455	1137	120	1345
Stove, furnace, and the like	F. Tidick	823,904	June 19	3347	713	122	2566
Stove. Gas-	G. W. Graves	821,633	May 29	5311	1133	122	1415
Stove. Gas-	C. H. Hoffstetter	824,180	June 26	3856	823	122	2733
Stove. Gas-	C. Markmann	826,260	July 17	3187	660	123	839
Stove. Gas-	H. S. Humphrey	837,471	Dec. 4	387	88-9	125	1452
Stove. Gas-burning heating and cooking	V. W. Blanchard	834,223	Oct. 23	4665	989	124	2482
Stove. Gas heating-	L. B. French and T. Sheets	814,280	Mar. 6	544	113	121	117
Stove. Gas heating-	B. C. Bartlebaugh	838,936	Dec. 18	3257	705	125	2243
Stove-grate	J. Loftus	815,445	Mar. 20	2964	616-17	121	754
Stove-grate	B. B. and F. R. Cutler and J. D. Johnston	827,425	July 31	5623	1163	123	1481
Stove grate. Cooking-	T. J. Hammer	828,545	Aug. 14	1718	362	123	2124
Stove-grate. Detachable adjustable	I. G. Chatfield	822,921	June 12	1378	287	122	2076
Stove. Heating-	A. T. Nye	812,079	Feb. 6	1093	239-40	120	1711
Stove. Heating-	J. W. Emery	818,617	Apr. 24	4149	892	121	2427
Stove. Heating-	E. G. Thomas	838,667	Dec. 18	2776	595	125	2129
Stove. Heating-	A. R. Willett	839,354	Dec. 25	4110	883	125	2502
Stove. Heating-	W. R. Hampden	839,580	Dec. 25	4564	973	125	2611
Stove-hood	J. G. Nichol and C. H. Carlson	825,238	July 3	1091	231	123	285
Stove. Hot-blast	C. W. A. Koelkebeck	829,717	Aug. 28	4159	880	123	2813
Stove. Kerosene-vapor	J. A. Mathes	823,734	June 19	3022	639	122	2492
Stove-lid lifter and clothes-drier. Combined	F. B. Small and J. C. Mulligan	830,183	Sept. 4	555	113-14	124	140
Stove-lifter	A. A. Zagst	827,492	July 31	5808	1204	123	1525
Stove lifter and mover	J. Wood	817,030	Apr. 3	965	198	121	1573
Stove-lining	G. C. Hicks	818,690	Apr. 24	4287	920	121	2458
Stove-lining	G. C. Hicks	818,763	Apr. 24	4447	953	121	2494
Stove. Magazine heating-	E. D. Marshall	816,024	Mar. 27	4144	877	121	1060
Stove. Oil-	W. P. Harrison	811,635	Feb. 6	205	44	120	1530
Stove. Oil-	W. H. Wilder	816,201	Mar. 27	4501	955-6	121	1137
Stove or furnace	A. W. Woodward	811,349	Jan. 30	5558	1159	120	1366
Stove or furnace	H. J. Hough	814,703	Mar. 13	1427	297	121	372
Stove or furnace	C. A. Rusco	831,243	Sept. 18	2703	568	124	733
Stove or furnace	W. Kline	839,003	Dec. 18	3375	728	125	2273
Stove or furnace. Heating	R. L. Commons	827,963	Aug. 7	540	111	123	1806
Stove or furnace. Heating	F. A. Schlosser	837,967	Dec. 11	1372	299	125	1738
Stove or range. Cooking	W. R. Hampden	838,324	Dec. 11	2105	455	125	1920
Stove-polish. Production of	A. N. Braun	809,279	Jan. 9	1349	.....	120	331
Stove rack attachment	J. Terry	813,749	Feb. 27	4439	980	120	2599
Stove. Sectional compound heating-	W. A. Standing	831,573	Sept. 25	3362	706	124	937
Stove-support	C. W. Rowley	838,057	Dec. 11	1548	332	125	1783
Stove. Vapor-	C. J. Puffer	836,403	Nov. 20	2987	633	125	836
Stoves and furnaces. Door for hot-blast	J. Kennedy	817,070	Apr. 3	1032	213-14	121	1587
Stoves and the like. Return-flue for	F. W. Moldenhauer and L. Dornfield	825,747	July 10	2222	463	123	588
Stoves and the like. Return-flue for	F. W. Menkey	837,320	Dec. 4	87	23	125	1376
Stoves. Automatic controlling device for gas-	W. B. Schofield and M. P. Osbourn	811,959	Feb. 6	856	188	120	1663
Stoves. Burner-valve for blue-flame oil-	J. S. Frey	831,783	Sept. 25	3794	794	124	1054
Stoves. Detachable support for implements and other articles on	F. B. Small and J. C. Mulligan	826,373	July 17	3400	705	123	891
Stoves. Dustless ash-sifter and draft-regulator for	P. Hannan	830,895	Sept. 11	2006	422	124	536
Stoves. Foot-rest for	W. Reid	817,447	Apr. 10	1792	377	121	1810
Stoves. Heater attachment to	E. Bell	813,137	Feb. 20	3249	714	120	2284
Stoves. Hot-air attachment for heating-	T. F. Hutton	825,533	July 10	1743	367	123	467
Stoves. Reservoir for oil and vapor	W. H. Wilder	820,376	May 8	2730	594-5	122	670
Stoves. Sealed magazine for	S. C. Laitner	815,716	Mar. 20	3488	729-30	121	869
Stovepipe	C. A. Boyer and D. C. Peck	810,706	Jan. 23	4271	885	120	1055
Stovepipe attachment	D. H. Harrington	831,429	Sept. 18	3067	650	124	826
Stovepipe-brace	W. H. J. Clifton	839,269	Dec. 25	3945	847-8	125	2461
Stovepipe-cleaner	E. Burger	833,021	Oct. 9	2004	419	124	1735
Stovepipe-coupling	A. G. Flagg	822,202	May 29	6420	1363	122	1664
Stovepipe-coupling	H. B. Eager	823,591	June 19	2756	584	122	2434
Stovepipe-fastener	L. A. Lowe	827,876	Aug. 7	360	77	123	1759
Stovepipe-holder	L. Wetherbee	814,254	Mar. 6	500	103	121	107
Stovepipe-joint	W. A. Cooke	825,810	July 10	2329	485	123	614
Stovepipe-joint	C. C. P. Lund	830,907	Sept. 11	2034	428	124	542
Stovepipe-joint. Adjustable	C. J. Holub	839,148	Dec. 25	3703	799	125	2404
Stovepipe joint and coupling. Compensating	W. Millar	839,498	Dec. 25	4413	941	125	2574
Stovepipe-securing means	A. W. Laughlin	837,478	Dec. 4	401	91	125	1456
Stovepipe-thimble	H. R. Awbrey	811,537	Feb. 6	7	2	120	1486
Stovepipe-thimble	T. W. Bright	825,889	July 17	2477	515	123	662
Stovepipe-ventilator	F. Kallsen	832,019	Sept. 25	4274	894	124	1173
Straight-edge and paper-cutter. Combined	J. L. Vandermark	821,681	May 29	5420	1154	122	1436
Straightening-table	S. V. Huber	808,751	Jan. 2	261	56	120	60
Strainer	A. L. West	811,754	Feb. 6	406	88-9	120	1575
Strainer	L. W. Jones	813,434	Feb. 27	3837	840	120	2465
Strainer	M. Stransky	815,874	Mar. 20	3847	815	121	942
Strainer	N. E. Skinner	817,397	Apr. 10	1689	356	121	1789
Strainer	N. E. Skinner	817,452	Apr. 10	1806	379	121	1814
Strainer	C. H. Henzel	826,505	July 17	3706	768	123	975
Strainer	W. F. Cook	828,715	Aug. 14	2050	432	123	2209
Strainer and cut-off. Combined	A. W. Weber	810,515	Jan. 23	3921	806	120	978
Strainer-cleaning device	D. H. Staples	836,056	Nov. 13	2252	482	125	605
Strainer holder. Tea-	A. Chundelah	809,607	Jan. 9	2030	421	120	478
Strainer. Milk-	A. A. C. Klint	809,115	Jan. 2	987	204	120	218

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. & Co.	Vol.	Page.
Strainer. Milk.....	G. W. Hart.....	832,478	Oct. 2	921	179	124	1433
Strainer. Milk.....	A. M. Lorentz.....	832,866	Oct. 9	1724	356	124	1667
Strainer. Milk.....	R. A. Kreiner.....	837,232	Nov. 27	4674	992	125	1286
Strainer. Sink.....	J. S. Frey.....	832,309	Oct. 2	594	112	124	1356
Strainer-tub for brewers, &c.....	J. Schneible.....	826,891	July 24	4494	935-6	123	1187
Strap:							
See Ball bucking-strap. Hitching-post strap.							
Book-strap. Trunk-strap.							
Deckle-strap.							
Strap.....	S. T. Roberts.....	815,216	Mar. 13	2454	512	121	594
Strap handle. Double.....	J. C. McClure.....	830,732	Sept. 11	1731	357	124	467
Strap-hanger, signal-bell ringer, and register-ringer.	S. S. Brooks.....	818,935	Apr. 24	4771	1025	121	2563
Combined.....							
Strap-loop.....	H. Hart.....	809,681	Jan. 9	2175	450	120	510
Straw-binder tucker.....	C. B. Wanamaker and C. B. Miles.....	822,563	June 5	649	130-3	122	1860
Straw-carrier attachment.....	H. S. Hanson.....	830,588	Sept. 11	1407	291	124	377
Straw-cutter.....	D. Smith.....	825,426	July 10	1515	314	123	412
Straw-cutter.....	D. A. and J. F. Stewart. (Reissue).....	12,534	Sept. 25	4285	896-7	124	1176
Straw-spreader.....	O. Frack and A. C. Bowker.....	828,204	Aug. 7	1007	209-10	123	1917
Strawberry-huller.....	A. W. Stephens.....	838,662	Dec. 18	2765	592	125	2126
Strawboard. Making.....	P. Prins.....	819,595	May 1	1095	.....	122	246
Street and station indicator.....	D. A. Holsberg.....	813,895	Feb. 27	4742	1048	120	2665
Street and station indicator.....	F. Schubert.....	820,443	May 15	2872	625	122	760
Street and station indicator.....	G. and F. C. Hertzel.....	826,333	July 17	3328	688	123	874
Street and station indicator.....	H. C. Wallace.....	832,643	Oct. 9	1261	254	124	1557
Street catch-basins. Means for facilitating the cleaning of.....	W. H. Engelbrecht.....	832,463	Oct. 2	896	173	124	1428
Street-cleaner.....	J. G. Sanderson.....	816,606	Apr. 3	120	26	121	1383
Street-cleaning apparatus.....	N. St. Peter, Jr.....	810,362	Jan. 16	3560	732-3	120	862
Street-cleaning machine.....	E. S. Pearson.....	817,662	Apr. 10	2194	468	121	1894
Street-cleaning machine.....	H. Borden.....	830,490	Sept. 11	1202	251	124	326
Street-crossing indicator.....	G. E. Palmer and M. H. Cohen.....	838,893	Dec. 18	3183	686-7	125	2227
Street-flushing apparatus.....	C. E. Schafer.....	826,890	July 24	4491	934-5	123	1186
Street-indicator.....	J. S. Stemons.....	826,450	July 17	3544	738	123	927
Street-indicator.....	A. Schimmel.....	833,248	Oct. 16	2483	521	124	1904
Street-indicator.....	J. W. Willson.....	836,166	Nov. 20	2510	526	125	721
Street-light.....	A. E. Shaw.....	820,369	May 8	2720	593	122	668
Street or station indicator and advertiser. Automatic.....	G. R. Livergood.....	825,330	July 10	1282	270-1	123	352
Street or station indicator. Electric-controlled.....	A. J. Clark.....	822,429	June 5	382	79-80	122	1808
Street-sprinkler.....	J. B. Hall.....	838,107	Dec. 11	1661	358-9	125	1813
Street-sweeper.....	C. M. Eaves, J. W. Slaven, and G. W. Wade.....	813,544	Feb. 27	4054	888-9	120	2517
Street-sweeper.....	P. A. Sheley.....	819,178	May 1	274	59	122	69
Street-sweeping machine.....	J. P. Clark.....	819,728	May 8	1376	296-7	122	369
Stretchers.....	J. L. Claudin.....	834,232	Oct. 23	4680	991	124	2486
Stretching-frame.....	W. Cook.....	826,995	July 24	4672	973	123	1231
Stretching-frames. Locking mechanism for.....	J. A. Connelly.....	811,904	Feb. 6	712	155	120	1636
Striking-bag or other fluid-receptacle.....	C. A. Lindsay.....	821,722	May 29	5505	1173	122	1456
Stringed-instrument attachment.....	G. P. Buchanan.....	816,898	Apr. 3	696	143	121	1513
Stringed-instrument key.....	A. A. Farland.....	814,682	Mar. 13	1395	290	121	365
Strip-cutting machine.....	A. C. Townley.....	823,006	June 12	1544	321	122	2113
Strips of material. Press for feeding and cutting up.....	F. Ecaubert.....	836,020	Nov. 13	2190	469-70	125	588
Stripping and cleaning machine.....	E. Behrendt.....	826,918	July 24	4540	944-5	123	1199
Stripping and cleaning machine.....	E. Behrendt.....	834,102	Oct. 23	4414	937-8	124	2417
Stroke and power changing device.....	H. A. Lewis.....	820,933	May 15	3886	828	122	984
Stropping-machine.....	J. R. Curley.....	815,685	Mar. 20	3426	715-16	121	855
Stropping-machine.....	E. B. Gibford.....	818,680	Apr. 24	4266	916	121	2454
Stropping-machine.....	E. B. Gibford.....	821,712	May 29	5488	1169	122	1453
Structural parts. Device for connecting.....	W. H. Roehoe.....	831,377	Sept. 18	2969	631	124	800
Structural preservative.....	G. D. Coleman.....	823,205	June 12	1977	.....	122	2209
Structural shape.....	J. R. Tanner.....	835,578	Nov. 13	1398	299	125	398
Structure. Composite.....	J. H. Hood.....	814,134	Mar. 6	264	53	121	58
Stubble-cutter attachment.....	J. Chamberlin.....	832,365	Oct. 2	693	133	124	1379
Stubble-cutting attachment.....	J. M. Greenshields.....	829,330	Aug. 21	3325	699-700	123	2563
Stud. Bearing.....	W. Wilson.....	831,816	Sept. 25	3849	806	124	1066
Stud, dress-fastener, and the like.....	T. Harris.....	818,087	Apr. 17	3061	660	121	2141
Stud. Fastening.....	H. M. Cheek.....	816,779	Apr. 3	451	101	121	1457
Stud or button.....	I. M. Sylvester.....	820,683	May 15	3350	717	122	864
Stud or button.....	A. J. O'Donnell.....	822,011	May 29	6049	1289	122	1579
Stud-protector.....	I. Steinberg.....	834,943	Nov. 6	127	26	125	36
Stud. Shirt.....	O. L. Henerlau.....	814,042	Mar. 6	85	16	121	20
Stud. Snap-fastener.....	H. Kerngood.....	832,579	Oct. 2	1111	224	124	1481
Studs. Clutch for.....	R. Fischer.....	818,530	Apr. 24	3966	852	121	2388
Studding. Metallic.....	F. Voss.....	808,789	Jan. 2	336	73	120	75
Stuffing-box.....	J. Sieger.....	816,190	Mar. 27	4480	949	121	1133
Stuffing-box.....	F. W. Felsberg.....	816,445	Mar. 27	5013	1064	121	1245
Stuffing-box.....	A. J. Jerou.....	827,803	Aug. 7	233	47	123	1729
Stuffing-box.....	R. Titus.....	834,337	Oct. 30	4903	1039	124	2587
Stuffing-box.....	J. M. Juhler.....	834,984	Nov. 6	206	45	125	54
Stuffing-box adjuster.....	G. E. Whitney.....	819,485	May 1	902	197	122	201
Stuffing-box for traveling cables, rods, &c.....	S. W. Chiles.....	816,643	Apr. 3	206	48	121	1406
Stuffing-box gland.....	W. A. Bunch.....	835,007	Nov. 6	259	56-7	125	68
Stuffing-box lock and rod-lubricator.....	W. H. Smith.....	826,808	July 24	4313	897	123	1144
Stuffing-machine.....	M. Mazerov.....	816,871	Apr. 3	644	133-4	121	1502
Stump-extractor.....	L. and J. S. Swenson.....	827,271	July 31	5283	1096	123	1398
Stump-extractor.....	E. T. Shelton.....	837,587	Dec. 4	617	144	125	1506
Stump-extractor.....	H. Rustad.....	839,212	Dec. 25	3838	826	125	2434
Stump-extractor winding mechanism.....	G. B. Merchaut.....	812,063	Feb. 6	1060	231	120	1705
Stump-puller.....	W. Smith.....	808,879	Jan. 2	502	109	120	113
Stump-puller.....	J. K. Flynn.....	813,696	Feb. 27	4345	956	120	2570
Stump-puller.....	B. A. Fuller and M. Bateman.....	815,586	Mar. 20	3213	676	121	807
Stump-puller.....	W. A. Mushatt.....	822,861	June 5	1248	256-7	122	2000
Stump-puller.....	J. H. Caldwell.....	835,934	Nov. 13	2053	438	125	556
Stump-puller. Hand-power.....	W. J. Fuller.....	821,479	May 22	5019	1068	122	1295
Stump-puller mechanism.....	O. A. Kleitz.....	837,305	Dec. 4	59	16-17	125	1368
Stumps. Facilitating the removal of roots of.....	M. A. Fry.....	822,839	June 5	1207	247	122	1992

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Subaqueous walls and the like. Apparatus for constructing	A. J. Ducellier	835,238	Nov. 6	731	152-3	125	185
Submarine drag-bucket	E. J. Condlon	819,636	May 1	1180	258	122	265
Submerged heater	D. M. Flory and J. H. Barnhart	818,677	Apr. 24	4263	916	121	2453
Submerged objects. Apparatus for raising	C. Pino	812,521	Feb. 13	2021	442-3	120	1979
Substation-protector. Weatherproof	F. B. Cook	839,117	Dec. 25	3637	785	125	2385
Subway or tunnel construction	R. W. Raffis	834,322	Oct. 30	4878	1032	124	2580
Sucker-rod coupling	L. Chroninger	819,040	May 1	11	3	122	5
Sucker-rod elevator	J. A. Stoops	839,670	Dec. 25	4758	1017	125	2657
Sucker-rod elevators. Hook for	J. Mahoney	815,723	Mar. 20	3500	732	121	871
Suction-box	W. F. Harbrecht and F. Boerger	831,155	Sept. 18	2537	535	124	692
Suction-box	B. B. Farnham	839,279	Dec. 25	3966	852	125	2465
Sugar-bowl	M. Escuder y Castellá	833,674	Oct. 16	3346	712	124	2113
Sugar, &c. Crystallizing	V. H. Schütze	816,010	Apr. 3	925	191	121	1563
Sugar from bagasse. Recovery of	C. C. Cromwell and F. T. Maxwell	828,198	Aug. 7	1000	208	123	1916
Sugar goods. Machine for making	A. Vossköhler	834,034	Oct. 23	4263	904-5	124	2380
Sugar-machine	O. B. Barth	810,250	Jan. 16	3320	689	120	807
Sugar. Making maize	F. L. Stewart	811,523	Jan. 30	5860		120	1428
Sugar. Manufacturing anhydrous grape	T. B. Wagner	835,145	Nov. 6	549		125	140
Suit-case	J. Pettibone	838,353	Dec. 11	2158	468	125	1933
Suit-case lock	C. J. Salviolo	824,590	June 26	4690	997	122	2911
Suit-case lock	J. Roche	836,536	Nov. 20	3252	692	125	900
Suit-hanger	C. E. Wilson	825,369	July 10	1363	287	123	372
Suit-hanger	A. Lokytch	828,491	Aug. 14	1616	341	123	2099
Sulfate of copper and caustic alkalis. Manufacture of waste	H. M. Granier	829,778	Aug. 28	4293	907	123	2847
Sulfite liquor and compound obtained. Treating waste	J. S. Robeson	833,634	Oct. 16	3283		124	2098
Sulfur-burner. Agitating	J. C. Wise	835,926	Nov. 13	2036	434-5	125	552
Sulfur trioxid. Making	H. S. Blackmore	828,268	Aug. 7	1128	238	123	1945
Sulfuric anhydrid. Making	R. Knietseh	809,450	Jan. 9	1712	353	120	409
Sulfuric anhydrid. Making	R. Knietseh	823,472	June 12	2483	524	122	2316
Sulfurous oxid. Recovering	F. R. Carpenter	829,765	Aug. 28	4250	900	123	2836
Sulky	H. J. Miller	815,615	Mar. 20	3267	685-6	121	819
Sulky	H. J. Miller	815,616	Mar. 20	3271	687	121	820
Sulky	C. H. Pajean	833,541	Oct. 16	3090	655-6	124	2052
Sulky	J. S. Coates	836,178	Nov. 20	2532	532	125	726
Sulky. Pneumatic	S. E. Jerald	811,723	Feb. 6	353	78	120	1565
Sulky-seat	C. C. Lapham	815,841	Mar. 20	3784	798	121	930
Sunbonnet	C. E. Yount, Sr	833,950	Oct. 23	3963	842	124	2314
Sun-dial	E. G. Hewitt	825,319	July 10	1266	266	123	347
Superheater	W. Platz	812,448	Feb. 13	1877	413	120	1948
Superheater	N. Notkin	816,993	Apr. 3	899	186	121	1558
Superheater	A. Cotton	827,145	July 31	5033	1048-9	123	1336
Superheater	F. J. Cole and C. J. Melin	830,822	Sept. 11	1882	392	124	505
Superheater	F. J. Cole	831,644	Sept. 25	3515	757-8	124	978
Superheater	C. H. Smith	831,999	Sept. 25	4230	884	124	1162
Superheater	W. Schmidt	832,627	Oct. 9	1233	248	124	1550
Superheater	H. O. Keferstein	837,844	Dec. 4	1119	249-50	125	1632
Superheater-retort	P. Meyer	828,493	Aug. 14	1619	342	123	2099
Superheating compound	H. L. Hartenstein	819,218	May 1	366		122	88
Support	G. Shaffner	821,833	May 29	5725	1220	122	1507
Support. Adjustable	B. H. Howser	812,344	Feb. 13	1675	369	120	1907
Support and hanger	J. T. Bunn	825,299	July 10	1214	256	123	334
Supporter	S. Lipkowitz	815,604	Mar. 20	3248	682	121	815
Supporting-clamp. Universal	H. D. Jones	824,026	June 19	3582	764	122	2614
Supporting device	W. B. Morewood	818,700	Apr. 24	4315	925	121	2465
Supporting-frame. Collapsible	W. Ruger, Jr.	832,163	Oct. 2	294	55	124	1284
Suppository	H. Roberts	813,829	Feb. 27	4615	1021	120	2636
Supraprenalin. Extracting	A. G. Manns and F. C. Koch	829,220	Aug. 21	3098		123	2508
Surf-actuated motor	T. Danford	820,286	May 8	2575	559	122	636
Surf-board. Pneumatic	A. S. Johnston	821,806	May 29	5673	1209	122	1496
Surface-cleaning machine	R. B. Hutchison	813,557	Feb. 27	4088	896	120	2524
Surface covering	J. Schirra	825,870	July 10	2441	509	123	641
Surfacing and polishing machine	A. T. Spence, J. H. Prugh, and S. B. Zimmer	817,013	Apr. 3	933	192	121	1565
Surgeon's needle-holder	H. H. Clark	838,383	Dec. 11	2221	481	125	1949
Surgeon's operating-table	F. F. Lawrence	832,680	Oct. 9	1334	269	124	1575
Surgical appliance	M. Reimanns	812,679	Feb. 13	2326	507	120	2037
Surgical appliance	W. L. Woodruff	822,092	May 29	6206	1323	122	1616
Surgical appliance	A. P. Barlow	823,499	June 19	2577	543	122	2397
Surgical appliance	F. W. Brown	833,671	Oct. 16	3341	711	124	2112
Surgical arm-splint	E. N. Drier	821,619	May 29	5288	1128	122	1410
Surgical articles. Treating	A. V. M. Sprague	819,383	May 1	711	151	122	162
Surgical bandage. Woven	E. Strahl	835,083	Nov. 6	426	85	125	112
Surgical clip	A. J. Meier	816,026	Mar. 27	4147	878	121	1061
Surgical, dental, and like uses. Mirror for	R. Walker	811,806	Feb. 6	511	114	120	1595
Surgical-dressing package	J. E. Lee	829,923	Aug. 28	4600	969	123	2925
Surgical implement	A. C. Kellogg	823,877	June 19	3289	698	122	2553
Surgical implement	A. Liftauer	833,136	Oct. 9	2235	471	124	1796
Surgical instrument	G. Thrash	827,193	July 31	5146	1068	123	1366
Surgical instrument	J. D. Sourwine	833,759	Oct. 23	3519	711	124	2201
Surgical instrument	E. J. Osgood	836,603	Nov. 20	3361	717	125	927
Surgical instrument	T. W. Williams	837,993	Dec. 11	1420	308	125	1750
Surgical instrument for amputation of the rectum	C. G. Crumrine	834,047	Oct. 23	4286	910	124	2386
Surgical-needle support	W. R. Burch	839,268	Dec. 25	3943	847	125	2460
Surgical operating-engine	W. H. Ludewig	812,507	Feb. 13	1982	435-6	120	1970
Surgical sewing instrument	P. Behr	834,042	Oct. 23	4278	907	124	2385
Surgical table	J. L. Suddarth	810,820	Jan. 23	4483	932	120	1100
Surgical table	E. B. Dill and S. F. Du Bois	810,848	Jan. 23	4534	944	120	1111
Surgical table	T. J. James, R. McAllister, and W. S. Byram	812,133	Feb. 6	1191	261	120	1732
Surgical table	W. Evans	822,197	May 29	6411	1361	122	1662
Surgical truss	J. Leverone	816,867	Apr. 3	634	132	121	1499
Surveying bore-holes. Means for	H. F. Marriott	821,048	May 22	4150	882-3	122	1102
Surveying bore-holes. Means for	H. F. Marriott	837,415	Dec. 4	274	67	125	1424
Surveying instrument	J. Chubb and M. W. Cathon	820,551	May 15	3110	670	122	814
Surveying-instrument attachment	W. M. Beaman	816,422	Mar. 27	4976	1057	121	1237

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drg.	Vol.	Page.
Surveying instruments. Lateral adjuster for.....	W. A. Berger.....	839,541	Dec. 25	4494	958	125	2594
Surveying-rod.....	H. G. Clark.....	826,540	July 24	3799	787	123	1011
Surveyors' instruments. Plumb device for.....	P. M. Olsen and T. E. Torgersen.	835,711	Nov. 13	1639	349	125	456
Surveyor's reel.....	E. H. Holden.....	837,931	Dec. 11	1291	283	125	1717
Suspender attachment. Garment-.....	W. F. Rowell.....	812,367	Feb. 13	1714	376	120	1916
Suspender connection.....	F. M. Lingo.....	826,674	July 24	4069	843	123	1082
Suspender-end.....	W. W. Hoopes.....	813,296	Feb. 20	3541	780	120	2345
Suspender-end cord.....	F. F. Knothe.....	829,476	Aug. 28	3654	772	123	2692
Suspender-hook.....	F. A. Ritchie.....	811,090	Jan. 30	5027	1050	120	1253
Suspender-loop.....	C. W. Bartrum.....	814,509	Mar. 6	1016	209	121	222
Suspender-spring.....	C. W. Wicks.....	837,761	Dec. 4	966	217	125	1594
Suspenders.....	F. B. Norris.....	811,081	Jan. 30	5010	1047	120	1249
Suspenders.....	W. D. Flynn.....	814,125	Mar. 6	251	47	121	56
Suspenders.....	B. J. Bacon.....	814,344	Mar. 6	705	142	121	155
Suspenders.....	W. Pigott.....	819,794	May 8	1525	323	122	404
Suspenders.....	H. J. Gaisman.....	820,486	May 15	2968	641	122	781
Suspenders.....	W. Freeman.....	820,562	May 15	3133	673	122	818
Suspenders.....	B. H. Cook.....	820,624	May 15	3230	695	122	840
Suspenders.....	B. F. Wright.....	826,816	July 24	4328	900	123	1147
Suspenders.....	W. Freeman.....	826,929	July 24	4560	948	123	1204
Suspenders.....	C. A. Murray.....	834,154	Oct. 23	4535	962	124	2451
Suspenders.....	C. Ludolph.....	837,578	Dec. 4	597	139	125	1502
Suspenders.....	B. L. Brandt.....	839,544	Dec. 25	4502	959-60	125	2596
Suspenders and the like. Cast-off for.....	J. Pusey.....	826,608	July 24	3955	819	123	1053
Suspenders and waist-belt. Combined.....	H. J. Gaisman.....	820,487	May 15	2970	641-2	122	782
Suspenders. Stocking.....	A. Wardroper.....	818,317	Apr. 17	3529	757	121	2341
Suspenders. Trousers.....	B. J. Bacon.....	814,345	Mar. 6	707	142	121	155
Suspending-bracket.....	V. Sjöström.....	837,646	Dec. 4	745	170	125	1538
Suspending-hook for coats, hats, &c. Portable.....	F. S. Cormier.....	830,415	Sept. 4	1042	217	124	257
Suspending-hook. Portable.....	W. R. Johnson.....	836,041	Nov. 13	2223	476	125	598
Suspension-bracket.....	F. E. Walden.....	812,386	Feb. 13	1761	385	120	1925
Suspension device. Adjustable.....	F. L. Gregory.....	815,422	Mar. 20	2924	607	121	745
Suspensory.....	J. R. Sommerville.....	816,888	Apr. 3	681	141	121	1510
Suspensory.....	M. B. Hirsch.....	828,651	Aug. 14	1923	404	123	2177
Suture-bridge.....	J. E. Chambers.....	815,264	Mar. 13	2533	532	121	611
Swab-holder.....	J. Bruce.....	825,514	July 10	1711	350	123	460
Swaging-machine.....	J. A. Horton.....	835,729	Nov. 13	1670	355	125	465
Swaging-mill.....	G. H. Blaxter.....	816,146	Mar. 27	4394	929	121	1115
Swath-turner.....	E. C. Blackstone and R. E. Watts.	831,032	Sept. 18	2270	479	124	633
Sweat-band.....	R. H. and H. D. Curtis.....	816,301	Mar. 27	4691	996	121	1179
Sweaters. Neck and front piece for.....	H. Starr.....	837,143	Nov. 27	4514	957	125	1246
Sweep or wreck-finder.....	E. B. Petrie.....	839,508	Dec. 25	4431	946	125	2579
Sweeper and mower. Combination.....	J. W. Robb.....	829,803	Aug. 28	4343	918	123	2860
Sweetmeat, such as chocolate. Manufacture of.....	V. Hain.....	838,985	Dec. 18	3332	721	125	2261
Swift and support therefor. Combined.....	H. B. Frost and A. B. Van Riper.	821,999	May 29	6030	1285	122	1575
Swimming apparatus.....	Z. T. Cox.....	826,145	July 17	2968	617	123	787
Swimming-glove.....	M. S. Christopher.....	819,852	May 8	1633	348	122	429
Swimming-machine.....	J. Stub.....	839,672	Dec. 25	4759	1017	125	2658
Swimming-mitt.....	W. O. Wells.....	835,588	Nov. 13	1416	303	125	402
Swimming-shoe.....	A. Schwalge.....	829,741	Aug. 28	4206	891	123	2824
Swing.....	B. Clow.....	821,219	May 22	4476	953	122	1174
Swing.....	G. E. Mellen.....	821,813	May 29	5688	1212	122	1500
Swing.....	W. W. Benbury.....	823,386	June 12	2327	487	122	2282
Swing.....	A. Hartzler.....	834,670	Oct. 30	5558	1179-80	124	2755
Swing.....	C. J. Welland.....	835,924	Nov. 13	2034	434	125	552
Swing. Centrifugal.....	R. H. Casswell.....	822,852	June 5	1231	254	122	1996
Swing. Circle.....	H. G. Traver.....	830,687	Sept. 11	1621	334-5	124	435
Swing. Giant.....	T. G. Hill.....	812,996	Feb. 20	2947	649	120	2217
Swing. Lawn.....	H. W. Watson.....	809,480	Jan. 9	1776	366	120	424
Swing. Lawn.....	F. W. Williams.....	828,006	Aug. 7	637	130	123	1828
Swing. Rocking.....	J. Hancock.....	818,622	Apr. 24	4158	894	121	2430
Swing. Rotary.....	W. R. McKnight.....	814,155	Mar. 6	300	60	121	66
Swing-seats, shelves, &c. Support for.....	C. H. Tesch.....	824,217	June 26	3937	843	122	2751
Swinging chair.....	J. F. Kurtees and W. L. Craft.....	831,167	Sept. 18	2555	539	124	697
Swingletree.....	J. A. Buchanan.....	809,769	Jan. 9	2333	483	120	545
Swingletree.....	A. D. Little.....	831,363	Sept. 18	2940	623	124	794
Swingletree.....	G. Laube.....	838,870	Dec. 18	3144	678	125	2219
Swingletree attachment.....	W. C. Pritchard.....	816,501	Mar. 27	5127	1087	121	1270
Switch.....							
See Automatic switch. Railway electric switch.							
Automatically-operated switch. Resetting-switch.							
Ceiling-switch. Reverse-switch.							
Controller-switch. Reversing-switch.							
Controlling-switch. Safety-switch.							
Electric switch. Self-acting switch.							
Electric-circuit switch. Snap-switch.							
Electric cut-out switch. Spring-switch.							
Electric time-switch. Spring-jack switch.							
Electrical switch. Telephone-switch.							
Electromagnetic locking-switch. Telephone connector-switch.							
Electrothermal switch. Telephone hook-switch.							
End-cell switch. Telephone-receiver switch.							
Fixture-switch. Telephone-switch.							
Frogless switch. Time-switch.							
Gas-light switch. Tongue-switch.							
Interlocking switch. Toy-railway switch.							
Motor-starting switch. Track-switch.							
Oil-switch. Tramway-switch.							
Panel-switch. Trolley-track switch.							
Plug-switch. Voltmeter-switch.							
Railway-switch. Wall or snap switch.							
Railway automatic switch. Railway crossover-switch.							
Switch.....	G. E. Lynch.....	813,506	Feb. 27	3975	873	120	2498

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. G.	Vol.	Page.
Switch.....	W. S. Bailey.....	813,936	Feb. 27	4824	1065	120	2681
Switch.....	W. W. McClung.....	815,202	Mar. 13	2427	506	121	589
Switch.....	E. Fields.....	815,693	Mar. 20	3443	719	121	859
Switch.....	M. S. Farmer.....	816,308	Mar. 27	4705	998	121	1182
Switch.....	H. Richardson.....	816,377	Mar. 27	4872	1034	121	1217
Switch.....	E. P. Robbins.....	818,561	Apr. 24	4023	863	121	2399
Switch.....	R. V. Collins.....	829,630	Aug. 28	3977	841-2	123	2770
Switch.....	F. K. Fassett.....	829,917	Aug. 28	4571	962-3	123	2915
Switch.....	M. Holpfer.....	833,524	Oct. 16	3062	649-50	124	2045
Switch.....	E. W. Gough.....	835,415	Nov. 6	1095	236	125	276
Switch-actuating device.....	A. Fuller.....	818,824	Apr. 24	4571	980	121	2519
Switch-actuating mechanism.....	E. L. Davidson.....	838,388	Dec. 11	2231	482	125	1951
Switch-adjuster.....	J. F. Green.....	824,354	June 26	4192	896	122	2804
Switch and signal.....	C. Troup.....	812,102	Feb. 6	1138	249	120	1720
Switch and signal apparatus.....	C. W. Coleman.....	827,142	July 31	5007	1045-6	123	1326
Switch and signal apparatus. Electric.....	L. Griffith.....	813,882	Feb. 27	4718	1044	120	2659
Switch and signal track trip.....	C. M. Hurst.....	810,868	Jan. 23	4580	954	120	1121
Switch-bar.....	H. B. Cowley.....	836,962	Nov. 27	4139	883	125	1155
Switch-base. Electric.....	N. W. Crandall.....	838,171	Dec. 11	1809	388	125	1849
Switch-box.....	C. E. Youmans.....	836,352	Nov. 20	2885	613	125	813
Switch-box. Adjustable.....	S. D. Slocum.....	835,039	Nov. 6	325	69	125	84
Switch-control system. Multiple-unit.....	F. H. Shepard.....	832,926	Oct. 9	1831	378-9	124	1692
Switch-controller. Synchronizing.....	H. J. McMahan.....	819,787	May 8	1511	321	122	400
Switch-controlling device. Automatic.....	M. Shaaber and M. J. Seiling.....	838,589	Dec. 18	2620	565	125	2091
Switch-cover. Indicating electric.....	C. G. Perkins.....	837,498	Dec. 4	432	97	125	1464
Switch-frog.....	W. J. Eichler.....	828,725	Aug. 14	2077	437	123	2217
Switch-handle. Electric-snap.....	G. W. Goodridge.....	835,278	Nov. 6	805	168	125	204
Switch-indicator. Automatic.....	E. F. Coffin.....	833,776	Oct. 23	3556	759	124	2210
Switch-indicator. Electrical.....	W. A. Rideout, Sr.....	820,260	May 8	2518	545	122	624
Switch-interlocking mechanism.....	F. C. Anderson.....	839,089	Dec. 25	3583	775	125	2371
Switch-key.....	E. B. Craft.....	811,277	Mar. 6	540	113	121	116
Switch-key.....	E. B. Craft.....	828,080	Aug. 7	804	166-7	123	1869
Switch-lock.....	R. Brown and A. Ralya.....	831,413	Sept. 18	3025	643	124	815
Switch locking and tripping device.....	H. M. Aely.....	823,984	June 19	3506	749	122	2599
Switch-locking device.....	H. H. Nichols.....	812,077	Feb. 6	1089	238-9	120	1710
Switch mechanism.....	W. C. Mortensen and G. M. Thenn.....	816,812	Apr. 3	515	112	121	1472
Switch mechanism.....	H. A. Thomson.....	823,647	June 19	2871	606-7	122	2462
Switch mechanism. Automatic.....	A. C. Durdin, Jr.....	838,090	Dec. 11	1633	352	125	1805
Switch mechanisms. Automatic unlocking device for.....	J. D. Illiard, Jr.....	832,729	Oct. 9	1432	289	124	1597
Switch operating and locking device.....	A. Anderson.....	828,263	Aug. 7	1111	234	123	1941
Switch operating and locking mechanism.....	A. Anderson.....	818,651	Apr. 24	4215	906	121	2443
Switch operating and locking mechanism.....	L. E. L. Themke.....	835,989	Nov. 13	2138	459	125	576
Switch operating and locking mechanism.....	A. Anderson.....	838,834	Dec. 18	3077	663	125	2202
Switch-operating apparatus.....	N. Silversen.....	834,168	Oct. 23	4560	968	124	2457
Switch-operating device.....	W. A. Chun.....	810,323	Jan. 16	3475	718-19	120	841
Switch-operating device.....	O. J. Du Vernay.....	814,278	Mar. 6	541	113	121	116
Switch-operating device.....	A. H. Gore.....	819,647	May 1	1201	264	122	207
Switch-operating device.....	J. J. Gard.....	824,782	July 3	190	34	123	56
Switch-operating device.....	F. R. Turecek.....	836,719	Nov. 27	3634	774	125	1077
Switch-operating device.....	L. W. Knowles.....	838,033	Dec. 11	1500	323	125	1771
Switch-operating device. Slip.....	L. Dunn.....	822,637	June 5	856	175-6	122	1917
Switch-operating device. Truck.....	L. Lovoy.....	831,672	Sept. 25	3595	754	124	1002
Switch-operating mechanism.....	G. Ward.....	810,828	Jan. 23	4495	935	120	1103
Switch-operating mechanism.....	N. K. Bowman.....	814,582	Mar. 6	1161	242-3	121	251
Switch-operating mechanism.....	J. B. Albright.....	819,835	May 8	1604	340	122	422
Switch-operating mechanism.....	A. E. Stevenson.....	826,199	July 17	3075	637	123	812
Switch-operating mechanism.....	T. E. Button.....	829,841	Aug. 28	4411	931-2	123	2876
Switch-operating mechanism.....	E. C. Murphy.....	831,457	Sept. 18	3115	659	124	839
Switch-operating mechanism.....	H. J. Auger.....	833,863	Oct. 23	3764	800	124	2263
Switch-operator.....	N. T. Gould.....	834,466	Oct. 30	5155	1095	124	2651
Switch-plug with electrical fuse.....	A. Hepke and K. Diener.....	809,300	Jan. 9	1384	281	120	340
Switch-point connector.....	W. E. Davis and W. W. Norman.....	817,365	Apr. 10	1614	341	121	1773
Switch-point-locking mechanism.....	J. Maher and C. W. Harbison.....	837,860	Dec. 4	1155	255	125	1641
Switch-point thrower.....	H. T. Cline.....	828,461	Aug. 14	1550	327	123	2081
Switch-receptacle.....	G. H. Metheany.....	818,387	Apr. 17	3663	786-7	121	2268
Switch-rod. Adjustable.....	W. H. Elliot.....	813,873	Feb. 27	4701	1040	120	2656
Switch-rod. Adjustable.....	W. H. Scott.....	813,920	Feb. 27	4791	1058	120	2675
Switch-rod. Adjustable.....	H., Jr., and W. H. Elliot.....	815,150	Mar. 13	2310	484	121	559
Switch-rod mechanism.....	G. C. Lucas.....	830,089	Sept. 4	355	72	124	87
Switch-rope coupling.....	D. F. Knapp.....	835,439	Nov 6	1135	245	125	285
Switch-setting apparatus and electric rail-heater. Electromagnetic.....	B. O. Wagner.....	809,236	Jan. 2	1232	254-5	120	270
Switch-signal.....	B. G. Matz and M. Wozniowski.....	817,860	Apr. 17	2606	563	121	2040
Switch-signal.....	J. W. Hicks.....	823,726	June 19	3006	736-7	122	2489
Switch-stand.....	J. S. Robertson and R. B. Richardson, Jr.....	827,326	July 31	5391	1120	123	1425
Switch-stand.....	A. Cortis and W. B. Cooke.....	831,834	Sept. 25	3891	816	124	1077
Switch-stand and connection therefor.....	H. C. Odenkirk.....	839,413	Dec. 25	4223	904	125	2528
Switch-stand. Semaphore.....	J. D. Isaacs, W. W. Slater, and M. R. Daniels.....	824,869	July 3	379	72	123	104
Switch-stand. Semaphore.....	J. D. Isaacs, W. W. Slater, and M. R. Daniels.....	824,870	July 3	381	73	123	104
Switch-thrower. Electromechanical.....	J. A. Posey.....	827,323	July 31	5382	1119	123	1422
Switch-throwing device.....	G. W. Hercules and T. J. Martin.....	816,913	Apr. 3	728	150	121	1520
Switch-throwing device.....	J. H. Meyer.....	818,773	Apr. 24	4469	958	121	2498
Switch-throwing device.....	T. J. Colburn.....	822,230	May 29	6475	1374	122	1678
Switch-throwing device.....	T. A. Gerlach.....	834,379	Oct. 30	5000	1058	124	2612
Switch-throwing device.....	J. A. Feierabend.....	836,493	Nov. 20	3163	671	125	880
Switch-throwing device.....	F. Krausz.....	837,689	Dec. 4	826	187	125	1559
Switch-throwing device. Automatic.....	C. J. G. Rickerson.....	830,367	Sept. 4	941	195	124	231
Switch-throwing device. Electric.....	J. A. Posey.....	836,649	Nov. 20	3453	737-8	125	947
Switch-throwing mechanism.....	H. O. Marquis.....	812,581	Feb. 13	2151	471	120	2005
Switch-throwing mechanism.....	L. E. Steele.....	837,593	Dec. 4	635	146-7	125	1512
Switch-tongue.....	P. L. Bailey.....	832,949	Oct. 9	1875	389	124	1702
Switch-tongue guard.....	M. Maha.....	829,878	Aug. 28	4496	948	123	2897
Switch-tongues. Means for holding.....	E. B. Entwisle.....	826,412	July 17	3467	721	123	907
Switches. Emergency operating means for reversing.....	F. E. Case.....	809,773	Jan. 9	2342	484	120	547

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Switches. Interlock for electric.	O. O. Rider	836,994	Nov. 27	4209	895	125	1171
Switching and signal appliance. Electric fluid-pressure	W. J. Bell	834,704	Oct. 30	5631	1194-5	124	2773
Switching or telephone system	A. E. Keith	831,876	Sept. 25	4003	833-4	124	1106
Switchboard	A. T. Newman	821,251	May 22	4535	965	122	1188
Switchboard	W. C. Marchant	823,183	June 12	1930	397	122	2198
Switchboard connecting-cords. Fastening device for.	E. B. Craft	833,778	Oct. 23	3559	760	124	2211
Switchboard construction. Multiple.	B. F. Merritt	826,680	July 24	4080	846-7	123	1085
Switchboard-cords. Machine for making	W. J. Burton	830,295	Sept. 4	800	164	124	201
Switchboards. Electrical connection for	H. Krantz	820,211	May 8	2414	524	122	600
Swivel.	F. W. Seidl	809,020	Jan. 2	785	169	120	173
Swivel-burner	B. A. Baxter	827,902	Aug. 7	402	86	123	1770
Swivel. Hydraulic.	J. A. Wiggs, Jr.	810,315	Jan. 16	3460	715	120	838
Synchronism-indicator.	A. H. Fetter	818,945	Apr. 24	4788	1029-30	121	2568
Synchronizer.	M. L. Ballard	821,151	May 22	4361	927-8	122	1150
Synchronizing apparatus.	H. Joly	839,152	Dec. 25	3707	800	125	2404
Syringe.	G. C. Wegefarrth	811,111	Jan. 30	5070	1060	120	1261
Syringe.	H. T. Schork and F. A. Stahl	812,686	Feb. 13	2336	511	120	2039
Syringe.	D. G. Gay	817,054	Apr. 3	1005	206	121	1582
Syringe.	A. B. Dorman	826,091	July 17	2875	596	123	765
Syringe.	C. J. Kintner	826,172	July 17	3016	626	123	799
Syringe.	A. W. Nicholls	826,188	July 17	3042	631	123	806
Syringe.	W. M. Dean	829,952	Sept. 4	21	5	124	7
Syringe. Aseptic.	S. H. Chubb	835,849	Nov. 13	1901	403	125	522
Syringe case. Hypodermic.	P. J. McElroy and W. A. Randall	827,383	July 31	5498	1143	123	1450
Syringe for subcutaneous or other injections.	H. C. Michie, Jr.	824,371	June 26	4234	903	122	2812
Syringe. Hypodermic.	A. A. Gaillot	822,110	May 29	6239	1330	122	1623
Syringe. Hypodermic.	J. W. Horner	814,543	Mar. 6	1092	226	121	237
Syringe. Hypodermic.	O. A. Ycaza	819,330	May 1	607	128	122	139
Syringe. Hypodermic.	L. Roussy	822,079	May 29	6183	1318	122	1611
Syringe. Hypodermic.	F. W. Korb	827,693	July 31	6244	1296	123	1640
Syringe. Hypodermic.	H. J. Detmers	836,367	Nov. 20	2910	617	125	818
Syringe. Vaginal.	M. L. Bosworth	818,814	Apr. 24	4556	976	121	2517
Syringe. Vaginal.	J. T. McCarthy	823,069	June 12	1679	347	122	2142
Syringe. Vaginal.	W. H. Brandon	835,496	Nov. 13	1237	266	125	357
Syringe. Vaginal.	G. C. Loar	837,085	Nov. 27	4396	932	125	1218
Syrup-cooling device.	G. Carlson	826,227	July 17	3130	650	123	824
Syrup-dispensing jar.	E. J. Calley	824,468	June 26	4449	944	122	2857
Syrup-jar.	W. L. Bodman	825,181	July 3	979	206	123	255
Syrup. Table.	V. M. Baca	831,403	Sept. 18	3011	.....	124	811
Tab-blanks. Machine for infolding.	J. K. P. Pine and G. J. Dormandy	837,500	Dec. 4	435	98-9	125	1464
Table.	See Automobile turn-table. Kitchen-table.						
Billiard-table.	Knockdown table.						
Billiard and pool table.	Lunch-cabinet table.						
Bookbindery-table.	Operating-table.						
Bowling-table.	Ore-concentrating table.						
Cigar-rolling table.	ble.						
Collapsible table.	Pedestal-table.						
Concentrating-table.	Pool-table.						
Confectioner's work-table.	Pool and billiard table.						
Convertible table.	Portable table.						
Derrick-table.	Roller-table.						
Desk-table.	Roller-feed table.						
Dining-table.	Sewing-machine table.						
Dining and billiard table.	Shaking-table.						
Drafting-table.	Shear-table.						
Drawing-table.	Sheep-shearing table.						
Embalming-table.	Straightening-table.						
Expanding table.	Surgeon's operating-table.						
Extension-table.	Surgical table.						
Extension and other table.	Transfer-table.						
Filter-table.	Turn-table.						
Folding table.	Veterinary operating-table.						
Game-table.	Veterinary - surgeon's table.						
Garment-fitting table.	Work-table.						
Ironing-table.							
Table.	G. J. Kraemer and E. Ellés	809,703	Jan. 9	2210	458	120	518
Table.	O. E. Pettee	810,378	Jan. 16	3610	743	120	872
Table.	V. A. Fagerstrom	817,634	Apr. 10	2147	455-6	121	1884
Table.	S. A. Nichols	818,550	Apr. 24	4006	859	121	2395
Table.	L. C. Bullock, Jr.	818,663	Apr. 24	4239	911-12	121	2448
Table.	D. H. Allen	821,572	May 22	5177	1105	122	1327
Table.	R. Johnson	831,667	Sept. 25	3582	752	124	999
Table.	A. De Kubber	831,938	Sept. 25	4123	859	124	1135
Table.	E. Mearis	831,967	Sept. 25	4179	872	124	1149
Table.	J. Whitcomb	836,229	Nov. 20	2634	554	125	751
Table.	S. Hall	837,221	Nov. 27	4647	987	125	1280
Table and folding bed. Combined.	C. P. Davies	808,818	Jan. 2	387	84	120	86
Table attachment. Extension-	H. C. Kriehbaum	815,100	Mar. 13	2199	463	121	533
Table-leg	G. Klanke	822,281	June 5	110	23	122	1752
Table-leg fastening.	J. Cornell	813,406	Feb. 27	3777	828	120	2453
Table-leveler	J. O. Williams	831,398	Sept. 18	3004	638	124	810
Table-lock	J. T. Seng	826,196	July 17	3069	636	123	811
Table lock. Pedestal.	F. C. Poole	827,033	July 24	4747	990	123	1249
Table-screen	J. C. Patterson	814,473	Mar. 6	958	196	121	209
Table-seat. Folding.	E. H. Cassel	822,182	May 29	6385	1356	122	1656
Table-spread support.	S. J. Wever	809,546	Jan. 9	1891	393	120	449
Table-support	V. C. Luppert	838,793	Dec. 18	3002	647-8	125	2183
Table-supporting rack.	R. Calbeck	832,454	Oct. 2	878	169	124	1423
Table-top.	F. E. Kindgen	826,669	July 24	4062	841	123	1081
Tables. Means for intermittently rotating.	H. G. Wulff	823,249	June 12	2084	434	122	2233
Tableware and like articles.	G. A. Henckel	809,567	Jan. 9	1934	402	120	458

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Tablet and book cover. Removable.	S. G. Campbell.	831,772	Sept. 25	3773	790	124	1049
Tablet-board.	C. B. Macfarlane.	808,669	Jan. 2	92	21	120	22
Tablet counting and filling machine.	J. W. and A. M. Ayers.	824,463	June 26	4441	942-3	122	2856
Tablet-holder.	W. N. Gunderson.	822,603	June 5	754	152	122	1894
Tablet-machine punch-holder.	E. L. Richards.	818,194	Apr. 17	3292	704	121	2191
Tablet-making machine.	G. C. Kliever.	839,156	Dec. 25	3720	803	125	2407
Tablet-making machine.	G. C. Kliever.	839,157	Dec. 25	3722	803-4	125	2408
Tablet or book divider.	A. E. Edmondson.	827,792	Aug. 7	214	42	123	1724
Tabulating and other like systems. Apparatus for use in.	H. Hollerith.	814,700	Mar. 13	1420	295-6	121	370
Tabulating systems. Apparatus for use in.	H. Hollerith. (Reissue).	12,523	Aug. 28	4657	976-8	123	2939
Tachometer.	A. C. Butler.	817,547	Apr. 10	1992	420	121	1852
Tachometer.	C. H. Veeder.	826,630	July 24	3994	826-7	123	1062
Tachometer and cyclometer. Combined.	C. H. Warner.	813,681	Feb. 27	4315	950	120	2573
Tachometer. Magnetic.	A. P. and C. H. Warner.	823,237	June 12	2059	428	122	2227
Tachometer or speed-indicator.	V. Kobizek.	812,937	Feb. 20	2833	625	120	2194
Tachometers. Speed-changing attachment for.	A. Fricker.	819,695	May 1	1302	283	122	293
Tack machine. Wire.	J. N. Gifford and C. H. Morton, Jr.	829,918	Aug. 28	4578	963-6	123	2918
Tack-puller.	J. H. Stiner.	812,701	Feb. 13	2369	518	120	2045
Tack-puller and stove-lid lifter. Combination.	W. A. Dodge.	832,541	Oct. 2	1038	209	124	1463
Tack-pulling machine.	F. Chateaufneuf.	827,962	Aug. 7	538	110-11	123	1806
Tack-pusher.	W. H. Jones.	829,587	Aug. 28	3888	823	123	2750
Tackle-block.	H. V. Hartz.	818,886	Apr. 24	4676	1003	121	2542
Tackle-block.	A. P. Brown.	823,989	June 19	3513	751	122	2601
Tag.	A. E. Ellis.	822,255	June 5	53	11	122	1740
Tag.	T. G. Portmore.	835,687	Nov. 13	1597	340	125	445
Tag.	G. P. Cannon.	836,433	Nov. 20	3060	649	125	854
Tag.	T. F. Wilkinson.	837,762	Dec. 4	967	217	125	1595
Tag. Cattle.	M. J. Bartlett.	810,385	Jan. 23	3630	748	120	909
Tag-clasp.	S. Dancyer.	813,407	Feb. 27	3778	829	120	2453
Tag-fastening device. Shipping.	J. W. Dollman.	829,062	Aug. 21	2753	578	123	2419
Tag for live stock.	H. A. Moyer.	834,587	Oct. 30	5383	1142	124	2708
Tag. Identification.	J. H. Johnson.	825,129	July 3	874	184	123	231
Tag. Laundry.	H. Higgin.	818,441	Apr. 24	3772	811	121	2348
Tag. Laundry.	F. F. Akerly and W. Borchert.	835,383	Nov. 6	1026	219	125	260
Tag-making machine. Metal.	F. C. Crowe.	820,183	May 8	2364	514	122	588
Tag or check retainer.	F. O. Cross.	824,911	July 3	471	92	123	125
Tag or label.	M. H. Winn.	817,460	Apr. 10	1827	383	121	1818
Tag. Return shipping.	C. R. Williams.	828,163	Aug. 7	931	191	123	1899
Tag. Shipping.	C. D. Bradham.	812,633	Feb. 13	2246	488	120	2022
Tag. Shipping.	M. A. Stewart.	833,647	Oct. 16	3311	703	124	2104
Tag. Shoe-rack.	C. H. Holt.	813,001	Feb. 20	2957	651	120	2220
Tag-stringing machine.	I. Robbins.	834,756	Oct. 30	5723	1214-17	124	2794
Tagging-machine. Automatic.	J. L. Burgard.	835,176	Nov. 6	602	123-4	125	155
Take-up. Automatic.	J. P. Hass.	834,472	Oct. 30	5167	1097	124	2654
Take-up. Double-recoil.	F. Knight.	828,610	Aug. 14	1838	388	123	2156
Take-up mechanism.	N. Power.	818,047	Apr. 17	2990	646	121	2126
Talking-machine.	E. R. Johnson.	814,786	Mar. 13	1587	335	121	406
Talking-machine.	H. J. Hagen.	816,978	Apr. 3	870	180	121	1551
Talking-machine.	E. A. Pancoast.	816,995	Apr. 3	902	187	121	1559
Talking-machine.	M. A. Fossons.	818,975	Apr. 24	4848	1042	121	2580
Talking-machine.	E. Leschbrandt.	821,045	May 22	4145	881	122	1101
Talking-machine.	J. C. English.	834,511	Oct. 30	5241	1113	124	2673
Talking-machine.	D. Apstein.	837,274	Dec. 4	7	2	125	1356
Talking-machine.	H. A. Johnson.	838,505	Dec. 11	2444	531-2	125	2004
Talking-machine blank. Disk.	R. Klein.	814,053	Mar. 6	105	19	121	24
Talking-machine damper.	J. C. Schleicher.	837,585	Dec. 4	612	142	125	1505
Talking-machine horn-support.	E. S. Oliver.	816,178	Mar. 27	4458	944	121	1128
Talking-machine horn-support.	E. S. Oliver.	835,314	Nov. 6	877	186	125	222
Talking-machine horn-supporting crane.	E. A. Hawthorne and H. Sheble.	834,202	Oct. 23	4626	982	124	2472
Talking-machine motor.	E. R. Johnson.	814,047	Mar. 6	85	18	121	21
Talking-machine reproducer.	E. Runge.	831,995	Sept. 25	4223	883	124	1160
Talking-machine sound-box.	B. L. Rinehart.	810,981	Jan. 30	4844	1008	120	1212
Talking-machine sound-box.	E. R. Johnson.	828,551	Aug. 14	1739	366	123	2130
Talking-machine sound-box.	J. C. English.	828,602	Aug. 14	1829	385	123	2154
Talking-machine sound-box.	L. F. Douglass.	831,546	Sept. 25	3309	695	124	924
Talking-machine with rotatable horn.	F. and W. Lochmann.	824,368	June 26	4228	901	122	2811
Talking-machines. Amplifying-horn for.	W. N. Dennison.	832,896	Oct. 9	1778	366	124	1680
Talking-machines. Sound-box with coupled diaphragms for disk.	L. Gardy.	828,309	Aug. 14	1250	263	123	2005
Talking-machines. Safety device for sound-boxes for.	L. P. Valiquet.	830,689	Sept. 11	1624	335	124	436
Tamping-bar and post-hole pick.	E. E. Whitehead.	823,571	June 19	2721	576	122	2427
Tamping-machine.	R. D. Sexton.	826,692	July 24	4099	850-1	123	1090
Tank:							
See Agitating and leaching tank.	Oil-tank.						
Bottle-soaking tank.	Sectional tank.						
Closet-tank.	Separating-tank.						
Dipping-tank.	Settling-tank.						
Electroplating-tank.	Sheet-metal tank.						
Engine-tank.	Stock-tank.						
Fish-culture tank.	Toy fish-tank.						
Flush-tank.	Water-tank.						
Flushing-tank.	Water-closet tank.						
Gas-tank.	Water-closet flush-tank.						
Leaching-tank.	Watering-tank.						
Liquid-delivery tank.							
Tank.	D. O. Paige.	814,160	Mar. 6	312	62-3	121	69
Tank.	J. W. Wallace.	814,753	Mar. 13	1520	322	121	392
Tank.	A. Hahn.	817,314	Apr. 10	1520	319	121	1751
Tank.	O. Hjelkrem.	818,088	Apr. 17	3062	660	121	2141
Tank.	I. Anderson.	833,288	Oct. 16	2575	538	124	1929
Tank and pot furnace. Combined.	J. A. Chambers.	828,838	Aug. 14	2282	486	123	2270
Tank and pot furnace. Combined.	J. A. Chambers.	832,569	Oct. 2	1092	219	124	1476
Tank and pot furnace. Combined.	J. A. Chambers.	832,570	Oct. 2	1093	219-20	124	1477
Tank and supporting structure therefor.	A. K. Mansfield.	839,169	Dec. 25	3745	809	125	2412

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Tank casing. Closet-.....	E. G. Feedback.....	824,853	July 3	355	66	123	98
Tank-float.....	F. M. Stevens.....	829,554	Aug. 28	3817	811	123	2731
Tank-heater.....	I. J. Lee and E. Erickson.....	823,419	June 12	2385	503	122	2295
Tank-heater.....	E. E. Edwards and E. Turley.....	829,859	Aug. 28	4452	941	123	2886
Tank-heater.....	N. M. Nelson.....	836,526	Nov. 20	3228	688	125	895
Tank-heater. Gas-burning.....	C. C. Fifield.....	810,852	Jan. 23	4540	945	120	1113
Tank-indicator.....	E. Rahm and I. C. May.....	808,871	Jan. 2	474	104	120	105
Tank-indicator.....	G. W. Roberts.....	824,672	June 26	4841	1033	122	2943
Tank lining. Wooden.....	F. E. Reed and J. Heald.....	816,682	Apr. 3	278	65	121	1421
Tank or can.....	J. W. Wallace and H. A. Keiner.....	816,625	Apr. 3	168	35	121	1398
Tank-sections. Apparatus for use in perforating the flanges of.....	D. O. Paige.....	816,593	Apr. 3	95	19-20	121	1378
Tank-support.....	A. Share.....	822,159	May 29	6340	1348	122	1647
Tank-supporting structure.....	O. C. Wolf.....	831,399	Sept. 18	3005	639	124	810
Tanks, basins, and the like. Hanger-support for.....	F. J. Veitch.....	818,587	Apr. 24	4070	874	121	2409
Tanks. Device for cleaning and refilling dipping-.....	J. J. Braznell.....	824,973	July 3	598	120	123	158
Tanks. Float for flushing-.....	C. Willms.....	835,089	Nov. 6	433	87	125	114
Tannin. Apparatus for the extraction of.....	L. Castets.....	823,508	June 19	2591	546	122	2400
Tanning.....	J. L. Martin.....	825,852	July 10	2405	.....	123	633
Tanning apparatus. Leather-.....	H. de Marneffe.....	816,670	Apr. 3	255	59	121	1416
Tanning hides.....	W. G. and A. C. Roach.....	839,205	Dec. 25	3824	.....	125	2430
Tanning hides.....	W. G. and A. C. Roach.....	839,206	Dec. 25	3825	.....	125	2430
Tanning hides, skins, and the like.....	W. G. and A. C. Roach.....	839,204	Dec. 25	3822	.....	125	2429
Tap.....	D. J. Grace.....	826,241	July 17	3147	653	123	828
Tap.....	T. F. Kean.....	839,296	Dec. 25	3998	858	125	2473
Tap and die holder.....	C. E. Cole.....	815,146	Mar. 13	2304	482	121	558
Tap and making the same.....	J. Hartness.....	832,380	Oct. 2	722	139-40	124	1387
Tap and nut wrench. Ratchet.....	F. G. Marbach.....	823,610	June 19	2788	591	122	2441
Tap. Collapsible.....	W. A. Leonard.....	810,289	Jan. 16	3400	703-4	120	825
Tap. Collapsing.....	E. M. Buckius.....	832,716	Oct. 9	1409	284	124	1592
Tap. Current-.....	W. D. Harris.....	809,183	Jan. 2	1101	229	120	242
Tap for steam, water, or gas, &c.....	J. B. Butterfield.....	826,536	July 24	3791	785	123	1009
Tap-stock.....	G. A. Hoffman.....	820,194	May 8	2386	518	122	594
Taps. Making screw-.....	F. E. Johnson.....	827,533	July 31	5900	1222	123	1548
Tapping and drilling machine.....	A. J. Strong.....	814,247	Mar. 6	486	100	121	104
Tapping apparatus.....	W. Nicholson, Jr.....	835,111	Nov. 6	479	97	125	124
Tapping device.....	H. Hottinger.....	822,608	June 5	761	154	122	1896
Tapping device.....	C. Hammer.....	831,224	Sept. 18	2659	559	124	721
Tapping-machine.....	H. Koester.....	813,559	Feb. 27	4092	897-8	120	2525
Tapping-machine.....	H. A. Tuttle.....	832,221	Oct. 2	414	78	124	1313
Tapping-machine.....	H. A. Tuttle.....	832,222	Oct. 2	419	78	124	1314
Tape-holder.....	J. McLean.....	812,149	Feb. 6	1246	270	120	1744
Tape-stretcher.....	G. Oertel.....	816,032	Mar. 27	4157	880	121	1064
Taper-cutting attachment. Automatic.....	W. D. Allen and G. A. Johnson.....	831,316	Sept. 18	2858	606	124	773
Taper-gage.....	F. Luther.....	833,535	Oct. 16	3078	653	124	2049
Tapstry-setting machine.....	F. A. Whitmore.....	832,942	Oct. 9	1863	387	124	1700
Tappets, wheels, or shaft-couplings. Clamping device for.....	C. A. Canda.....	820,037	May 8	2072	452	122	525
Tar for the manufacture of pitch and recovery of light oils. Treatment of.....	W. Oppenheimer.....	827,113	July 31	4940	1031	123	1310
Target.....	J. Herold.....	811,636	Feb. 6	206	44	120	1530
Target.....	H. A. Shauls.....	811,963	Feb. 6	863	190	120	1665
Target.....	T. J. McNelly.....	812,589	Feb. 13	2167	474	120	2007
Target apparatus.....	G. M. Haas.....	820,569	May 15	3145	677	122	821
Target apparatus.....	C. H. Duffy.....	824,982	July 3	616	124	123	162
Target. Indicating-.....	R. M. V. Bremer.....	812,400	Feb. 13	1794	392	120	1931
Target. Self-acting collapsing.....	W. Ahr.....	819,198	May 1	325	69	122	80
Target. Self-registering electrically-operated sectional.....	G. A. Peters.....	815,117	Mar. 13	2234	469	121	542
Target-setting apparatus. Electric.....	A. Grabosch.....	809,796	Jan. 9	2381	492	120	556
Target-sticker.....	A. Mount.....	824,307	June 26	4098	876	122	2784
Target-stickers. Device for holding.....	A. Mount.....	821,113	May 22	4278	910	122	1130
Target-throwing trap.....	E. D. Fulford.....	833,381	Oct. 16	2750	579-80	124	1974
Target-trap.....	C. M. Ketcham.....	822,741	June 5	1022	209-10	122	1953
Target-trap.....	A. M. McCrea.....	824,806	July 3	254	45	123	70
Target-trap.....	W. S. Bowers.....	827,413	July 31	5600	1158	123	1475
Target-trap.....	L. A. Sherman.....	827,945	Aug. 7	497	102-3	123	1795
Target-trap.....	J. W. Haughwout.....	829,963	Sept. 4	58	11	124	14
Target-trap.....	H. N. Shambough.....	833,345	Oct. 16	2681	565-6	124	1956
Target-trap.....	C. D. Linderman.....	834,211	Oct. 23	4641	985	124	2477
Target-trap.....	J. H. Brookman.....	838,376	Dec. 11	2205	478	125	1943
Target-trap carrier.....	T. Masel.....	831,365	Sept. 18	2948	625	124	795
Target-traps. Electric release for.....	J. R. Birch.....	819,505	May 1	934	204	122	209
Taxometer or fare-indicator.....	G. Baum.....	820,281	May 8	2563	556-7	122	634
Tea-kettle.....	H. B. Rohde.....	812,456	Feb. 13	1888	416	120	1951
Tea or coffee pot.....	W. L. Bodman.....	814,262	Mar. 6	514	106	121	110
Tea-packing machine.....	W. H. Scott.....	822,310	June 5	174	35	122	1766
Tea strainer and infuser.....	F. N. Denison.....	823,670	June 19	2916	617	122	2471
Teaching and practicing of reading. Table of movable characters for the.....	A. J. de Freitas.....	822,937	June 12	1405	294	122	2080
Teaching apparatus. Time-.....	B. A. Gomme.....	825,902	July 17	2499	520	123	666
Teaching device. Penmanship-.....	R. W. Manuel.....	809,712	Jan. 9	2230	462	120	523
Teaching spherics. Educational device for.....	R. E. Dickerson.....	812,408	Feb. 13	1806	395	120	1933
Teaching the fundamental operations with numbers. Device for.....	C. Zahn.....	816,204	Mar. 27	4508	957	121	1139
Teaching the playing of stringed instruments. Device for.....	J. W. Myers.....	830,915	Sept. 11	2045	430	124	545
Teaching touch type-writing. Machine for.....	C. R. Powell and W. Bevan.....	823,362	June 12	2288	479	122	2276
Teat-cups. Mouthpiece for pneumatic.....	A. Gillies.....	832,374	Oct. 2	712	137	124	1385
Teeth and forming the same. Attachment for natural.....	J. P. Carmichael.....	822,582	June 5	705	143	122	1884
Teeth. Cutting beveled.....	L. Boisard.....	823,025	June 12	1597	330-1	122	2126
Teeth. Instrument for stopping.....	P. F. Rutterford.....	815,040	Mar. 13	2091	439	121	511
Teeth. Instrument for stopping.....	P. F. Rutterford.....	815,041	Mar. 13	2092	439	121	512
Teeth. Making.....	H. A. Gollobin.....	824,111	June 26	3722	795	122	2703
Teeth. Manufacture of plates for artificial.....	A. Ollendorff.....	829,997	Sept. 4	166	29	124	41

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'E.	Vol.	Page.
Teeth. Metallic support for artificial.	D. N. Booth.	824,465	June 26	4444	943	122	2856
Teeth-separator.	E. L. Hutchinson.	811,849	Feb. 6	597	130	120	1611
Teeth. Set of artificial.	C. Raube.	821,192	May 22	4431	943	122	1165
Teeth. Tool for handling artificial.	F. L. Hunt.	838,027	Dec. 11	1487	320	125	1768
Telaugograph apparatus.	F. Ritchie.	838,139	Dec. 11	1748	374	125	1833
Telaugographic and other electric circuits.	G. S. Tiffany.	809,762	Jan. 9	2312	479	120	541
Telegraph and telephone cables. Clamp and support for	H. E. Sheeley.	827,573	July 31	5966	1237	123	1564
Telegraph and telephone pole protector.	B. W. Hyder.	822,131	May 29	6280	1337	122	1633
Telegraph and telephone system. Combined	C. Turchi.	809,865	Jan. 9	2502	520	120	583
Telegraph cut-out.	F. A. Clogston.	834,639	Oct. 30	5540	1176	124	2749
Telegraph. Facsimile.	E. E. Kleinschmidt.	812,142	Feb. 6	1206	265-7	120	1735
Telegraph instrument.	C. J. Schwarze.	812,773	Feb. 13	2501	550	120	2073
Telegraph instrument.	D. O. Stinson.	835,647	Nov. 13	1535	328	125	432
Telegraph instruments. Sound-magnifier for	F. O. Hanson.	834,520	Oct. 30	5255	1117	124	2677
Telegraph-key.	A. E. Peterman.	808,777	Jan. 2	316	68-9	120	71
Telegraph-key.	W. O. Coffe.	812,183	Feb. 13	1356	295-6	120	1835
Telegraph-key.	J. J. Ghegan.	815,809	Mar. 20	3703	780	121	912
Telegraph-key.	J. P. Campbell.	826,403	July 17	3450	716	123	903
Telegraph-key.	J. T. Sheets.	830,253	Sept. 4	712	144	124	180
Telegraph-key.	E. M. McOnihay.	836,454	Nov. 20	3101	657	125	863
Telegraph-keys. Circuit-closer for	H. R. Nevens.	813,512	Feb. 27	3993	875	120	2502
Telegraph operators. Automatic reminder for	S. F. Estell.	832,303	Oct. 2	581	109	124	1353
Telegraph or like poles. Means for laying or erecting.	J. R. Brown.	826,708	July 24	4135	858-9	123	1098
Telegraph or telephone pole.	J. M. Perdue.	811,435	Jan. 30	5711	1195	120	1397
Telegraph-pole.	D. W. Peck.	821,733	May 29	5524	1178	122	1460
Telegraph-pole.	C. C. Cooke.	826,996	July 24	4673	974	123	1231
Telegraph-pole.	B. Haskell.	835,279	Nov. 6	806	168	125	204
Telegraph-pole.	B. Haskell.	835,281	Nov. 6	809	169	125	205
Telegraph-poles, &c. Cross-arm construction for	O. C. Allen.	811,895	Feb. 6	693	151	120	1631
Telegraph. Printing.	R. J. Sheehy.	818,477	Apr. 24	3829	824	121	2359
Telegraph receiving apparatus. Wireless.	A. Artom.	816,205	Mar. 27	4510	957	121	1139
Telegraph-repeater.	P. E. Bliss.	835,772	Nov. 13	1752	373-4	125	484
Telegraph-station. Temporary	C. S. Maynard.	836,936	Nov. 27	4093	874	125	1143
Telegraph system.	M. J. Carpenter.	818,145	Apr. 17	3189	686	121	2169
Telegraph system. Wireless.	L. De Forest.	822,936	June 12	1402	294	122	2080
Telegraph system. Wireless.	L. De Forest.	824,003	June 19	3542	755-6	122	2606
Telegraph system. Wireless.	H. Shoemaker.	824,676	June 26	4846	1034	122	2943
Telegraph system. Wireless.	L. De Forest.	827,523	July 31	5877	1216-17	123	1542
Telegraph system. Wireless.	L. De Forest.	827,524	July 31	5881	1217	123	1543
Telegraph system. Wireless.	H. H. C. Dunwoody.	837,616	Dec. 4	679	156	125	1523
Telegraph systems. Static valve for wireless.	L. De Forest.	823,402	June 12	2355	496	122	2289
Telegraph, telephone, and other poles. Means for splicing	J. D. Soseman.	826,124	July 17	2935	609	123	779
Telegraph-transmitter.	J. C. Barclay.	811,994	Feb. 6	938	205-7	120	1680
Telegraph-transmitter.	A. C. Crehore and G. O. Squier.	823,206	June 12	1978	412-13	122	2209
Telegraph-transmitter.	H. O. Putt.	828,775	Aug. 14	2169	459	123	2239
Telegraph-transmitter.	C. W. Leiser.	837,413	Dec. 4	271	66	125	1423
Telegraphs, &c. Pole for	B. Haskell.	835,280	Nov. 6	807	169	125	204
Telegraphic circuits. Transmitting-key for	I. Kitsee.	824,029	June 19	3588	765	122	2615
Telegraphic code.	D. H. Wilcox.	833,904	Oct. 23	3870	822	124	2289
Telegraphic keyboard apparatus.	P. B. Delany.	808,642	Jan. 2	43	9	120	12
Telegraphic messages for automatic transmission.	C. L. Buckingham and E. Germann.	832,035	Oct. 2	17	4-5	124	1217
Feeding mechanism for perforating-machines for preparing							
Telegraphic relay.	I. Kitsee.	838,192	Dec. 11	1846	395-6	125	1859
Telegraphic safety device.	S. R. Wright.	814,761	Mar. 13	1537	325	121	396
Telegraphic sending device.	I. Kitsee.	824,028	June 19	3585	764	122	2615
Telegraphic signals. Receiving.	S. D. Field.	812,557	Feb. 13	2105	462	120	1995
Telegraphic system.	J. W. Lattig, C. L. Goodrum, and E. E. Clement.	820,652	May 15	3277	704	122	849
Telegraphic systems. Automatic transmitter for	J. Gell.	835,750	Nov. 13	1705	363-4	125	473
Telegraphic systems. Automatic transmitter for	J. Gell.	835,751	Nov. 13	1710	364	125	474
Telegraphic tape-perforator.	P. B. Delany.	835,013	Nov. 6	270	59	125	71
Telegraphic transmission of written characters. Apparatus for the	A. Franke.	829,263	Aug. 21	3189	670-1	123	2530
Telegraphic transmitting device.	I. Kitsee.	821,043	May 22	4141	880	122	1100
Telegraphic transmitting device.	J. Kitsee.	831,355	Sept. 18	2929	621	124	791
Telegraphic transmitting-key.	I. Kitsee.	824,031	June 19	3593	765	122	2616
Telephones. Mechanism for operating the recording and reproducing mechanisms of	P. O. Pedersen.	819,670	May 1	1246	272	122	280
Telephony.	S. F. Jones.	818,892	Apr. 24	4686	1005	121	2544
Telephony.	M. I. Pupin.	821,741	May 29	5543	1181	122	1465
Telephony.	C. L. Buckingham and E. Germann.	826,472	July 17	3586	748	123	938
Telephony.	R. J. Sheehy.	826,615	July 24	3968	821-2	123	1056
Telephony.	I. Kitsee.	827,919	Aug. 7	433	92	123	1777
Telephony.	C. A. Johnson.	828,890	Aug. 21	2409	512	123	2330
Telephony.	I. Kitsee.	831,288	Sept. 18	2806	592	124	760
Telephony.	I. Kitsee.	833,225	Oct. 16	2441	511	124	1893
Telephony.	I. Kitsee.	833,226	Oct. 16	2445	511	124	1894
Telephony and telegraph apparatus.	J. Barry.	811,127	Jan. 30	5097	1067-8	120	1266
Telephony and telephony. Composite system of	H. O. Rugh.	839,210	Dec. 25	3835	826	125	2432
Telephony and telephony. Multiple.	M. Hutin and M. Leblanc.	838,545	Dec. 18	2535	549-50	125	2070
Telephony. Electric.	I. Kitsee.	820,977	May 22	4010	852	122	1072
Telephony. Electric.	I. Kitsee.	821,506	May 22	5062	1078	122	1304
Telephony. Electric.	I. Kitsee.	823,176	June 12	1906	393	122	2192
Telephony. Practicing wireless	A. Blondel.	824,682	June 26	4856	1035-6	122	2946
Telephony. Receiver for wireless.	W. Schloemilch.	828,864	Aug. 14	2333	497	123	2280
Telephony. Space	W. S. Hogg.	829,787	Aug. 28	4312	911	123	2852
Telephony. Submarine.	I. Kitsee.	827,916	Aug. 7	425	91	123	1776
Telephony. Wireless.	P. B. Delany.	808,641	Jan. 2	40	9	120	11
Telephony. Wireless.	J. F. King.	813,975	Feb. 27	4888	1081	120	2694
Telephony. Wireless.	L. De Forest.	837,901	Dec. 4	1228	271	125	1658
Telemeter.	A. Joors and A. Mercenier.	810,541	Jan. 23	3969	817	120	987
Telemeter. Coincidence.	A. König.	830,668	Sept. 11	1580	326	124	424

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Telephone.	C. G. Burke.	809,423	Jan. 9	1661	341	120	397
Telephone.	S. P. Levenberg.	818,698	Apr. 24	4303	923	121	2461
Telephone.	T. J. Merryman and C. L. Allen.	823,886	June 19	3310	705	122	2558
Telephone.	J. Z. Miller.	830,161	Sept. 4	520	106	124	131
Telephone.	R. A. Davidson.	835,181	Nov. 6	615	125	125	155
Telephone.	S. J. Port.	837,503	Dec. 4	440	100	125	1466
Telephone and alarm system. Combined.	H. G. Webster.	825,623	July 10	1936	410-12	123	514
Telephone and alarm system. Combined.	H. G. Webster.	825,624	July 10	1958	412-13	123	519
Telephone and alarm system. Combined.	H. G. Webster.	825,625	July 10	1963	413	123	520
Telephone and district messenger system. Combined.	J. G. Nolen.	838,136	Dec. 11	1740	373	125	1832
Telephone and other wires. Connector for.	C. L. Peirce, Jr.	832,876	Oct. 9	1738	359	124	1671
Telephone and watchman's alarm system. Combined.	J. J. Berry.	816,000	Mar. 27	4077	864	121	1043
Telephone apparatus.	K. Kohn.	828,218	Aug. 7	1034	217-18	123	1924
Telephone apparatus.	C. A. Bucklin.	828,271	Aug. 7	1140	239-40	123	1948
Telephone apparatus.	D. H. Wilson.	830,272	Sept. 4	762	155	124	191
Telephone apparatus.	D. H. Wilson.	836,848	Nov. 27	3895	831	125	1097
Telephone apparatus.	H. J. Roberts.	837,251	Nov. 27	4706	998	125	1294
Telephone apparatus.	G. Babcock.	837,534	Dec. 4	504	117	125	1482
Telephone apparatus and systems. Privacy device and busy-signal for.	E. A. Reynolds.	817,390	Apr. 10	1673	353-4	121	1785
Telephone apparatus. Intercommunicating.	F. J. Raylin and J. Lofgren.	829,736	Aug. 28	4196	889	123	2822
Telephone attachment.	B. Ehrlich.	814,680	Mar. 13	1375	288	121	359
Telephone attachment.	J. Silverman.	815,752	Mar. 20	3588	754	121	889
Telephone attachment.	J. Silverman.	815,753	Mar. 20	3589	754	121	889
Telephone attachment.	H. L. Carpenter.	821,924	May 29	5888	1251-2	122	1543
Telephone attachment.	A. G. Kountz.	825,134	July 3	884	186	123	233
Telephone attachment.	F. F. Howe.	826,938	July 24	4569	951	123	1206
Telephone attachment.	H. E. Smith.	827,576	July 31	5970	1238	123	1566
Telephone attachment.	W. A. Patterson.	831,889	Sept. 25	4038	841	124	1114
Telephone attachment.	B. L. Stone and G. M. Dressel.	835,119	Nov. 6	491	99	125	126
Telephone attachment.	J. Silverman.	836,407	Nov. 20	2996	635	125	839
Telephone attachment. Desk.	J. C. Belden and A. Beutier.	818,602	Apr. 24	4114	884	121	2419
Telephone-booth.	M. C. Turner.	822,493	June 5	513	104-5	122	1838
Telephone-bracket.	C. H. Borden.	834,104	Oct. 23	4418	938-9	124	2418
Telephone-call.	P. T. Geyerman.	811,052	Jan. 30	4962	1036	120	1239
Telephone call-box.	A. Van Wagenen.	832,562	Oct. 2	1079	217	124	1473
Telephone call-index.	H. Doty.	839,738	Dec. 25	4806	1046	125	2693
Telephone call-list and memorandum-slip attachment.	A. L. Smith.	823,299	June 12	2174	454	122	2251
Telephone call-meter.	C. T. Bradshaw.	822,719	June 5	989	201-2	122	1946
Telephone call-register.	J. J. O'Connell.	837,951	Dec. 11	1925	290-1	125	1725
Telephone-circuit.	M. W. Phillips.	832,746	Oct. 9	1467	295	124	1606
Telephone-circuit signaling apparatus.	J. G. Wray, H. T. Gardner, and W. G. Kinton.	833,816	Oct. 23	3657	781-2	124	2235
Telephone-circuits. Means for eliminating or reducing the influence of disturbing-currents on.	C. M. Jacobs.	836,581	Nov. 20	3325	709	125	918
Telephone connector-switch. Automatic.	A. E. Keith, J. and C. J. Erickson.	815,176	Mar. 13	2357	493-5	121	570
Telephone cord-circuit.	A. D. T. Libby.	836,514	Nov. 20	3202	680	125	889
Telephone. Desk.	S. C. Houghton.	827,692	July 31	6239	1296	123	1639
Telephone desk-stand.	H. Tideman.	816,619	Apr. 3	157	32	121	1396
Telephone desk-stand.	R. H. Manson.	829,410	Aug. 28	3480	732	123	2647
Telephone direction-plate.	G. Felsenthal.	839,127	Dec. 25	3665	790	125	2393
Telephone-exchange.	W. M. Marean.	814,386	Mar. 6	780	158	121	172
Telephone-exchange.	B. Salzmann.	815,042	Mar. 13	2093	439	121	512
Telephone-exchange.	N. E. Norstrom.	829,419	Aug. 28	3503	735-7	123	2653
Telephone-exchange and alarm system. Combined.	H. G. Webster.	825,626	July 10	1967	414	123	521
Telephone-exchange and alarm system. Combined.	H. G. Webster.	825,685	July 10	2095	437	123	558
Telephone-exchange apparatus.	F. R. McBerty.	829,724	Aug. 28	4172	883	123	2815
Telephone-exchange. Automatic.	C. D. Enochs.	828,101	Aug. 7	892	172	123	1876
Telephone-exchange for double-wire telephone systems. Automatic.	G. A. Betulander.	835,878	Nov. 13	1951	413-14	125	532
Telephone-exchange for double-wire telephone systems. Automatic.	G. A. Betulander.	839,095	Dec. 25	3594	778	125	2373
Telephone-exchange system.	H. G. Webster.	816,052	Mar. 27	4197	891	121	1072
Telephone-exchange system.	W. M. Davis.	816,078	Mar. 27	4264	903	121	1087
Telephone-exchange system.	H. D. Stroud.	816,135	Mar. 27	4375	925	121	1111
Telephone-exchange system.	E. Land.	818,540	Apr. 24	3981	855-6	121	2391
Telephone-exchange system.	H. G. Webster.	824,767	July 3	146	27	123	41
Telephone-exchange system.	C. E. Scribner.	828,061	Aug. 7	753	155	123	1857
Telephone-exchange system.	H. O. Rugh.	828,683	Aug. 14	1982	418	123	2192
Telephone-exchange system.	H. G. Webster.	835,047	Nov. 6	340	72	125	87
Telephone-exchange system.	H. G. Webster.	835,802	Nov. 13	1819	385	125	503
Telephone-exchange system.	W. M. Davis. (Reissue).	12,560	Nov. 20	3484	743	125	954
Telephone-exchange system. Automatic.	A. M. Bullard.	826,310	July 17	3275	677-8	123	860
Telephone-exchange system. Party-line.	A. O. Stigberg.	828,866	Aug. 14	2339	498	123	2281
Telephone-exchange system. Semi-automatic.	A. T. M. Thomson.	809,232	Jan. 2	1216	248-52	120	269
Telephone-exchange system. Semi-automatic.	A. T. M. Thomson. (Reissue).	12,565	Nov. 20	3498	745-9	125	957
Telephone-exchange systems. Automatic ringing device for.	W. W. Dean.	838,244	Dec. 11	1967	421	125	1886
Telephone-exchange systems. Register-signal for measured-service.	F. R. McBerty.	828,419	Aug. 14	1461	308	123	2059
Telephone-exchange systems. Transfer-circuit for.	C. A. Simpson.	816,131	Mar. 27	4359	923	121	1107
Telephone-exchanges. Alarm-fuse for.	E. B. Craft.	817,959	Apr. 17	2823	611	121	2090
Telephone-exchanges. Calling device for.	F. A. Lundquist.	822,965	June 12	1456	303-4	122	2092
Telephone-exchanges. Calling device for.	F. A. Lundquist.	822,966	June 12	1460	304	122	2093
Telephone-exchanges. Central-energy system for.	J. G. Roberts.	835,868	Nov. 13	1934	409	125	528
Telephone-exchanges. Iron-framed distributing-board for.	F. B. Cook.	816,847	Apr. 3	592	124	121	1490
Telephone-exchanges. Measured-service system for.	C. E. Scribner.	825,424	July 10	1510	315	125	411
Telephone-exchanges. Multiple switchboard for.	M. G. Kellogg.	817,781	Apr. 17	2444	522	121	2005
Telephone-exchanges. Multiple switchboard for.	M. G. Kellogg.	820,360	May 8	2698	589	122	665
Telephone-exchanges. Multiple switchboard for.	M. G. Kellogg.	821,807	May 29	5674	1209	122	1496
Telephone-exchanges. Multiple switchboard for.	M. G. Kellogg.	822,611	June 5	765	155	122	1897
Telephone-exchanges. Registering apparatus for.	C. E. Wright.	818,068	Apr. 17	3028	654	121	2133
Telephone-exchanges. Selector for automatic.	J. L. McQuarrie.	826,350	July 17	3357	694-5	123	880
Telephone-exchanges. Service-meter for.	F. R. McBerty and E. B. Craft.	813,230	Feb. 20	3414	752-3	120	2317
Telephone. Extension-arm.	T. J. Skelley.	818,982	Apr. 24	4862	1044	121	2582

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Telephone for ships, mines, &c.	A. F. Boardman.	811,029	Jan. 30	4927	1028	120	1231
Telephone. Hand.	S.C. Houghton and F.M. Potter, Jr.	837,470	Dec. 4	385	88	125	1452
Telephone-holder.	L. S. Hallowell.	808,983	Jan. 2	724	156	120	160
Telephone hook-switch.	H. L. Knight.	825,397	July 10	1430	298	123	390
Telephone. Intercommunicating.	L. Schmidt.	832,425	Oct. 2	816	157-8	124	1409
Telephone-key. Automatic.	E. A. Faller and O. A. Danielson.	824,291	June 26	4073	871	122	2779
Telephone-line. Party.	E. A. Buell.	811,691	Feb. 6	303	67	120	1552
Telephone-line. Party.	E. A. Buell.	811,692	Feb. 6	311	68	120	1554
Telephone-lines. Bridging-connector for.	M. C. Turner.	822,492	June 5	512	104	122	1838
Telephone-lines. Signaling system for party.	J. L. McQuarrie.	822,466	June 5	454	92	122	1824
Telephone-lines. Special busy test for.	C. S. Winston.	825,439	July 10	1545	319	123	422
Telephone-lines. Testing system for.	W. W. Dean.	836,489	Nov. 20	3157	670	125	878
Telephone-lines. Testing system for.	W. W. Dean.	838,525	Dec. 18	2497	540	125	2060
Telephone lock-out device.	R. C. M. Hastings and T. Matheny.	821,800	May 29	5660	1206-7	122	1493
Telephone memorandum attachment.	F. B. Gilbert.	812,841	Feb. 20	2645	579	120	2150
Telephone-meter.	N. H. Holland.	838,115	Dec. 11	1680	362	125	1817
Telephone-mouthpiece.	F. C. Fisher and W. C. Culin.	819,531	May 1	979	214	122	220
Telephone-mouthpiece attachment. Antiseptic.	G. W. Merritt.	821,948	May 29	5942	1265	122	1554
Telephone-mouthpiece safety-guard.	E. Stempel.	837,594	Dec. 4	639	147	125	1512
Telephone or like transmitter.	H. A. Cutmore.	829,849	Aug. 28	4429	935	123	2880
Telephone or other booth.	E. P. Garney.	811,140	Jan. 30	5144	1075	120	1276
Telephone or other line-supporting post.	G. E. Van Every.	823,377	June 12	2314	485	122	2280
Telephone or other switches. Interrupter for automatic.	A. E. Keith.	831,875	Sept. 25	3987	832-3	124	1099
Telephone or switchboard plug.	A. B. Dozier.	836,805	Nov. 27	3820	814	125	1079
Telephone or telegraph system.	G. Ritter.	814,478	Mar. 6	968	199	121	211
Telephone party-line system.	F. B. Hall and A. F. Poole.	810,335	Jan. 16	3494	722	120	845
Telephone party-line system.	A. F. Poole and F. B. Hall.	810,345	Jan. 16	3516	725-6	120	851
Telephone party-line system.	H. B. Stocks.	827,825	Aug. 7	269	54-5	123	1738
Telephone pay-station device and system.	A. H. Dyson.	830,653	Sept. 11	1544	318-9	124	415
Telephone. Portable.	W. A. Shimer.	821,753	May 29	5565	1185	122	1472
Telephone-receiver.	C. T. Mason.	823,061	June 12	1664	344	122	2139
Telephone-receiver.	R. H. Manson.	828,946	Aug. 21	2511	533	123	2358
Telephone-receiver.	H. F. Albright.	833,279	Oct. 16	2550	532	124	1921
Telephone-receiver.	C. T. Mason.	835,361	Nov. 6	971	207	125	246
Telephone-receiver.	S. C. Houghton.	837,469	Dec. 4	384	88	125	1451
Telephone-receiver.	L. Steinberger.	838,362	Dec. 11	2169	470	125	1937
Telephone-receiver and microphone. Combined.	C. E. Ljungman, R. O. P. Berglund, and W. A. W. E. Hjorth.	832,135	Oct. 2	224	45	124	1268
Telephone-receiver attachment.	C. Zimmerman.	820,463	May 15	2917	634	122	771
Telephone-receiver hook.	D. Howard.	831,001	Sept. 11	2198	465	124	581
Telephone-receiver support.	F. F. Howe.	817,564	Apr. 10	2027	427	121	1858
Telephone-receiver support.	F. F. Howe.	831,348	Sept. 18	2918	619	124	788
Telephone-receiver switch.	J. McMahon.	836,202	Nov. 20	2580	544	125	736
Telephone-receivers. Head band or support for.	K. M. Turner.	817,457	Apr. 10	1816	381	121	1816
Telephone-relay.	E. E. Clement.	823,763	June 19	3072	651	122	2502
Telephone relays and transmitters. Regulating device for.	H. E. Shreeve.	836,611	Nov. 20	3375	720	125	930
Telephone relays and transmitters. Regulating device for.	H. E. Shreeve.	836,612	Nov. 20	3379	720	125	930
Telephone repeater circuit and apparatus.	H. E. Shreeve.	835,037	Nov. 6	321	69	125	82
Telephone selecting device.	W. D. Watkins.	821,069	May 22	4199	893	122	1113
Telephone. Selective.	N. S. McKinsey and A. R. Nelson.	820,064	May 8	2129	464-5	122	538
Telephone selector-switch. Automatic.	A. E. Keith, J. and C. J. Erickson.	815,321	Mar. 13	2665	556-8	121	639
Telephone service. System and apparatus for measuring.	H. D. Stroud.	834,538	Oct. 30	5282	1123	124	2685
Telephone set. Head.	J. Pieringer.	835,865	Nov. 13	1931	408	125	527
Telephone sets. Inclosing case for.	F. R. McBerty.	822,464	June 5	452	91	122	1823
Telephone sets. Protective apparatus for railway.	C. E. Scribner.	834,764	Oct. 30	5759	1223	124	2804
Telephone sight-indicator.	F. R. Lay.	820,213	May 8	2416	524	122	601
Telephone-signal.	A. V. R. Fechtenburg.	818,675	Apr. 24	4256	915	121	2452
Telephone-signal.	T. P. Jordan.	838,117	Dec. 11	1684	362	125	1818
Telephone signaling apparatus.	K. H. Poyas.	808,868	Jan. 2	468	103	120	104
Telephone signaling apparatus.	W. E. Butler and M. L. Lane.	834,869	Oct. 30	5965	1267	124	2855
Telephone-support.	W. B. Lehmkühn.	821,247	May 22	4527	963	122	1186
Telephone-support.	W. B. Oliver.	826,686	July 24	4088	848-9	123	1087
Telephone-switch.	W. E. McCormick.	820,432	May 15	2855	622	122	756
Telephone-switch-hook.	A. L. Brincklé.	821,981	May 29	5999	1279	122	1567
Telephone switch-hook.	H. J. Guttman.	819,061	May 1	49	11	122	15
Telephone switch-hook.	W. A. Fricke.	824,351	June 26	4189	895	122	2803
Telephone switch-hook.	J. A. Wotton.	830,696	Sept. 11	1646	338	124	444
Telephone-switch-plug mechanism.	A. C. Gilgen.	812,491	Feb. 13	1954	431	120	1964
Telephone-switches. Indicating device for automatic.	J. Erickson.	819,050	May 1	28	7	122	10
Telephone switching and busy-test apparatus.	J. G. Wray, H. T. Gardner, and W. G. Kinton.	833,906	Oct. 23	3874	822	124	2290
Telephone switching and signaling apparatus.	J. G. Wray, H. T. Gardner, and W. G. Kinton.	833,817	Oct. 23	3662	782	124	2236
Telephone switching apparatus.	R. A. Walton.	823,091	June 12	1737	358	122	2154
Telephone-switchboard.	W. E. McCormick.	824,431	June 26	4367	929-30	122	2837
Telephone-switchboard.	A. M. Haubrich.	828,848	Aug. 14	2309	491	123	2275
Telephone-switchboard apparatus.	H. E. A. André.	816,894	Apr. 3	689	142	121	1511
Telephone-switchboard lamp.	J. L. Wright.	829,092	Aug. 21	2808	590	123	2434
Telephone-switchboards. Lamp-jack for.	S. A. Beyland.	810,367	Jan. 16	3569	734	120	864
Telephone-switchboards. Operator's key for.	W. M. Brown.	824,843	July 3	338	62	123	94
Telephone-switchboards. Spring-jack for.	H. B. Holmes and E. B. Craft.	833,390	Oct. 16	2785	587-8	124	1982
Telephone-switchboards. Supervisory signal for.	F. R. McBerty.	817,867	Apr. 17	2622	568	121	2044
Telephone system.	H. A. Judge.	809,186	Jan. 2	1109	230	120	245
Telephone system.	E. A. Terpening.	811,972	Feb. 6	880	194	120	1668
Telephone system.	R. Sherer.	813,330	Feb. 20	3620	794	120	2361
Telephone system.	W. W. Dean.	814,118	Mar. 6	233	45	121	51
Telephone system.	E. A. Terpening.	814,571	Mar. 6	1141	238-9	121	247
Telephone system.	L. W. Carroll.	814,830	Mar. 13	1676	350	121	425
Telephone system.	C. B. Smith.	816,132	Mar. 27	4363	924	121	1108
Telephone system.	R. H. Manson.	818,897	Apr. 24	4694	1007	121	2546
Telephone system.	C. L. Boyce.	820,176	May 8	2351	512	122	586
Telephone system.	J. H. Gorden.	821,482	May 22	5024	1069-70	122	1296
Telephone system.	C. R. and D. R. Green.	823,215	June 12	2006	418	122	2214

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Telephone system.	W. Ohnesorge.	824,376	June 26	4243	904	122	2813
Telephone system.	S. B. Fowler.	824,856	July 3	359	68	123	98
Telephone system.	W. W. Dean.	824,980	July 3	611	123	123	161
Telephone system.	W. W. Dean.	825,894	July 17	2485	517	123	663
Telephone system.	C. V. Beaver.	826,220	July 17	3118	647	123	821
Telephone system.	C. G. and E. J. Burke.	826,534	July 24	3783	785	123	1006
Telephone system.	E. R. Corwin.	827,787	Aug. 7	200	40	123	1719
Telephone system.	H. G. Webster.	828,693	Aug. 14	2008	424	123	2199
Telephone system.	D. H. Wilson.	830,271	Sept. 4	761	155	124	190
Telephone system.	W. W. Dean.	830,575	Sept. 11	1385	287	124	371
Telephone system.	A. H. Dyson.	830,981	Sept. 11	2157	457-8	124	572
Telephone system.	F. G. Bell.	831,819	Sept. 25	3861	808-10	124	1069
Telephone system.	W. W. Dean.	832,121	Oct. 2	202	41	124	1262
Telephone system.	P. Arnheim.	832,443	Oct. 2	854	165	124	1418
Telephone system.	W. W. Dean.	833,733	Oct. 23	3471	741	124	2188
Telephone system.	C. V. Beaver.	833,806	Oct. 23	3780	803-4	124	2266
Telephone system.	C. Kenney and R. H. Leather.	834,208	Oct. 23	4635	984	124	2475
Telephone system.	W. W. Dean.	834,272	Oct. 30	4790	1013	124	2559
Telephone system.	A. Stromberg.	835,046	Nov. 6	336	72	125	86
Telephone system.	F. R. Parker.	836,204	Nov. 20	2583	545	125	737
Telephone system.	J. A. Avén.	837,894	Dec. 4	1214	268	125	1655
Telephone system.	H. L. Reber.	838,749	Dec. 18	2912	628	125	2162
Telephone system. Automatic.	A. A. Monson.	822,973	June 12	1471	306-7	122	2096
Telephone system. Automatic.	J. Erickson.	831,846	Sept. 25	3911	820	124	1083
Telephone system. Central-energy.	W. A. Taylor.	821,898	May 29	5834	1241	122	1531
Telephone system. Coin-controlled.	E. A. Reynolds.	817,389	Apr. 10	1665	352-3	121	1783
Telephone-system controller. Automatic.	A. E. Stevens.	816,948	Apr. 3	810	166	121	1538
Telephone system for central stations.	G. Lambert.	813,560	Feb. 27	4095	898	120	2526
Telephone system. Intercommunication.	R. M. Beard.	809,929	Jan. 16	2634	545	120	663
Telephone-system lock-out.	L. A. Schmidt.	818,793	Apr. 24	4512	964	121	2508
Telephone system. Phantom.	T. P. Jordan.	838,028	Dec. 11	1487	320-1	125	1768
Telephone-system relay attachment and alarm.	C. A. England.	833,159	Oct. 16	2288	481	124	1854
Telephone system. Selective.	N. S. McKinsey and A. R. Nelson.	820,063	May 8	2122	462-3	122	536
Telephone system. Two-division.	H. M. Post.	816,819	Apr. 3	526	114	121	1474
Telephone system. Two-division.	J. H. Lendi.	820,803	May 15	3589	769	122	919
Telephone system with central battery.	G. M. T. Piltz.	838,809	Dec. 18	3040	655	125	2193
Telephone system with centrally-arranged microphone-battery.	G. P. Lambert.	824,251	June 26	4008	858	122	2765
Telephone systems. Means for charging storage batteries of.	T. G. Martin.	819,073	May 1	75	18-19	122	20
Telephone systems. Means for charging storage batteries of.	T. G. Martin.	834,832	Oct. 30	5894	1249	124	2838
Telephone systems. Selective signal for.	M. H. Degnan.	835,704	Nov. 13	1624	345-6	125	452
Telephone systems. Signal-bell for.	C. E. Egan.	818,673	Apr. 24	4253	915	121	2451
Telephone-test-set attachment.	G. L. Rosenberger.	830,675	Sept. 11	1592	329	124	427
Telephone time-register.	G. Fürst.	816,456	Mar. 27	5033	1068-9	121	1250
Telephone toll apparatus.	G. A. Long.	810,491	Jan. 23	3860	793	120	964
Telephone toll apparatus.	G. A. Long.	815,107	Mar. 13	2213	466	121	537
Telephone toll apparatus.	E. P. Baird.	837,256	Nov. 27	4722	1000	125	1298
Telephone toll-box.	O. Brisbois.	821,778	May 29	5611	1195-6	122	1482
Telephone-toll-box attachment.	R. M. Combs.	814,276	Mar. 6	538	112	121	116
Telephone toll-lines. Signaling apparatus for.	J. G. Wray, H. T. Gardner, and W. G. Kinton.	833,907	Oct. 23	3878	823	124	2291
Telephone-transmitter.	J. Z. Miller.	809,831	Jan. 9	2435	506	120	568
Telephone-transmitter.	M. Setter.	811,098	Jan. 30	5040	1053	120	1255
Telephone-transmitter.	E. E. Yaxley.	815,889	Mar. 20	3872	820	121	947
Telephone-transmitter.	W. W. Dean.	817,140	Apr. 3	1162	241	121	1618
Telephone-transmitter.	M. Setter.	819,084	May 1	99	22	122	27
Telephone-transmitter.	W. W. Dean.	819,267	May 1	468	98	122	109
Telephone-transmitter.	E. R. Corwin and F. R. Parker.	819,522	May 1	960	211	122	215
Telephone-transmitter.	W. W. Dean.	823,768	June 19	3089	654	122	2507
Telephone-transmitter.	E. C. Brewer.	825,635	July 10	1999	417	123	534
Telephone-transmitter.	E. E. Clement.	826,542	July 24	3802	787	123	1012
Telephone-transmitter.	C. C. Gilchrist.	827,625	July 31	6080	1260	123	1596
Telephone-transmitter.	H. F. Albright.	830,279	Sept. 4	772	159	124	193
Telephone-transmitter.	S. A. Duvall.	833,449	Oct. 16	2906	616	124	2011
Telephone-transmitter.	F. W. Fahrenfeld.	837,457	Dec. 4	362	84	125	1446
Telephone-transmitter and receiver. Combination.	C. C. Gilchrist.	830,583	Sept. 11	1399	289	124	375
Telephone-transmitter arm.	W. D. Gharky.	812,125	Feb. 6	1178	258	120	1729
Telephone-transmitter arm.	H. J. Guttman.	831,855	Sept. 25	3947	824	124	1000
Telephone-transmitter arm.	J. A. Loff.	833,745	Oct. 23	3494	745	124	2194
Telephone-transmitter attachment.	R. A. Walton.	823,090	June 12	1736	357	122	2154
Telephone-transmitter attachment.	R. A. Walton.	823,092	June 12	1738	358	122	2154
Telephone-transmitter mouthpiece.	H. J. Guttman.	819,059	May 1	47	10	122	14
Telephone-transmitter mouthpiece-guard.	G. E. Grimm.	823,494	June 12	2556	538	122	2331
Telephone-transmitter or audiphone-receiver.	H. G. Pape.	822,470	June 5	461	93-4	122	1825
Telephone-transmitter supporting-arm.	S. A. Beyland.	823,758	June 19	3064	649	122	2501
Telephone-transmitters. Attachment for mouthpieces of.	J. G. Kitchell.	837,304	Dec. 4	57	16	125	1368
Telephone-transmitters. Card-holder for.	J. L. Kilpatrick.	826,336	July 17	3331	689	123	875
Telephone-transmitters. Muffler for.	G. A. Long.	821,877	May 29	5794	1235	122	1521
Telephone. Trick-	J. W. Trickett.	825,621	July 10	1931	409	123	513
Telephone-trunk-line signaling system.	M. S. Conner.	820,350	May 8	2678	585	122	659
Telephone trunking system.	W. W. Dean.	818,527	Apr. 24	3952	851	121	2384
Telephone trunking system.	J. W. Lattig and C. L. Goodrum.	829,164	Aug. 21	2996	625	123	2482
Telephone wall set.	R. H. Manson.	829,535	Aug. 28	3783	803	123	2722
Telephone-wire ground connection.	C. Lanz.	837,603	Dec. 4	831	188	125	1561
Telephone-wire-securing means.	H. W. Ragsdale.	835,801	Nov. 13	1818	387	125	502
Telephones. Adjustable support for.	H. L. Knight and B. W. Sweet.	809,379	Jan. 9	1565	319	120	377
Telephones and telegraphs. Selective call for.	W. Palmer, Jr.	810,878	Jan. 23	4598	957-8	120	1125
Telephones and the like. Ringer for.	E. R. Hobbs.	809,060	Jan. 2	861	183	120	191
Telephones. Attachment for acousticons permitting use of ordinary.	K. M. Turner.	839,050	Dec. 18	3468	748	125	2298
Telephones. Automatic call-indicator for.	E. P. Denton and A. W. Nazor.	838,850	Dec. 18	3110	670	125	2211
Telephones. Lock-out system for party-line.	W. M. Bruce, Jr.	833,297	Oct. 16	2590	541	124	1932
Telephones. Lock-out system for party-line.	W. M. Bruce, Jr.	833,298	Oct. 16	2592	542	124	1933

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Telephonic apparatus.....	J. G. Roberts.....	815,380	Mar. 20	2825	588-9	121	721
Telephonic device.....	I. Kitsee.....	818,767	Apr. 24	4454	955	121	2495
Telephonic installation. Automatic.....	B. Kugelmann.....	814,219	Mar. 6	424	87	121	92
Telephonic messages or sounds. Apparatus for recording.....	H. Starcke.....	825,496	July 10	1671	349	123	451
Telephonic relay.....	J. Trowbridge.....	814,411	Mar. 6	846	174-5	121	184
Telephonic repeater.....	M. Gally.....	817,761	Apr. 17	2390	513	121	1993
Telephonic repeating system.....	A. J. P. Bertschy.....	812,718	Feb. 13	2396	526-7	120	2051
Telephonic services. Metering of.....	I. Kitsee.....	817,920	Apr. 17	2736	594	121	2070
Telephony.....	D. M. Therrell.....	815,322	Mar. 13	2680	558-60	121	641
Telephony.....	I. Kitsee.....	824,030	June 19	3591	765	122	2616
Telephony.....	I. Kitsee.....	824,032	June 19	3594	766	122	2616
Telephony.....	I. Kitsee.....	827,449	July 31	5668	1175	123	1492
Telephony.....	A. H. Dyson.....	830,654	Sept. 11	1551	320-1	124	416
Telephony.....	H. O. Rugb. (Reissue).....	12,541	Oct. 9	2263	475	124	1802
Telephony.....	I. Kitsee.....	838,787	Dec. 18	2993	645	125	2181
Telephony and telegraphy. Composite.....	H. O. Rugb.....	831,525	Sept. 18	3252	686	124	874
Telephony. Wireless.....	A. F. Collins.....	814,942	Mar. 13	1866	392	121	465
Telescope.....	C. Soulas.....	818,055	Apr. 17	3000	648	121	2128
Telescope.....	E. A. Trapp.....	818,489	Apr. 24	3849	828-9	121	2363
Telescope.....	G. N. Saegmuller.....	828,511	Aug. 14	1655	348	123	2109
Telescope.....	E. Lohmann.....	836,771	Nov. 27	3745	799	125	1058
Telescope and means for mounting the same. Submarine.....	E. A. Trapp.....	818,490	Apr. 24	3856	830	121	2364
Telescope casing. Prism.....	M. Berger.....	818,014	Apr. 17	2929	632	121	2114
Telescope dust-cap and solar eyepiece.....	F. B. Warner.....	818,802	Apr. 24	4529	968	121	2511
Telescope for submarine and submergible boats.....	E. Neumayer and H. Jacob.....	829,121	Aug. 21	2879	604-5	123	2453
Telescope. Prism.....	E. Neumayer.....	836,273	Nov. 20	2733	581-2	125	777
Telescope. Rifle.....	F. L. Smith.....	812,376	Feb. 13	1736	380	120	1921
Telescope system. House-to-house.....	D. Dudley.....	826,155	July 17	2983	620-1	123	791
Telescope. Variable-power.....	G. N. Saegmuller.....	838,651	Dec. 18	2744	588	125	2121
Telescope with refracted optical axis.....	H. Jacob.....	831,350	Sept. 18	2921	620	124	790
Telescopic elevator.....	J. Kovadevic.....	815,594	Mar. 20	3223	678	121	809
Telescoping jack or press. Tubular.....	S. B. Minnich.....	820,983	May 22	4029	856	122	1076
Tellurian.....	E. J. Seever.....	822,693	June 5	938	191	122	1936
Temperature-alarm.....	W. T. Munro.....	826,948	July 17	2780	576	123	742
Temperature and pressure alarm device.....	E. L. Lewis.....	829,590	Aug. 28	3893	825	123	2751
Temperature-controlling apparatus.....	J. H. Swan.....	829,810	Aug. 28	4352	920	123	2862
Temperature-controlling apparatus.....	E. W. Comfort.....	837,260	Nov. 27	4728	1002	125	1299
Temperature-regulating apparatus.....	J. A. Serrill.....	816,046	Mar. 27	4183	886-7	121	1069
Temperature-regulating means.....	W. Wadsworth.....	808,707	Jan. 2	161	37	120	37
Temperature-regulator.....	C. Bargamin.....	818,810	Apr. 24	4550	975	121	2515
Temperatures. Method and apparatus for gaging.....	F. L. Morse.....	826,594	July 24	3912	810	123	1040
Tempering-press.....	M. Sklovsky.....	825,769	July 10	2260	469-70	123	596
Temple-roll.....	I. E. Palmer.....	817,443	Apr. 10	1786	376	121	1809
Templet.....	J. K. Graham.....	829,267	Aug. 21	3200	672	123	2532
Templet for placing expression-lines.....	F. L. Young.....	820,752	May 15	3475	745	122	894
Tempo-indicator.....	F. L. Young.....	819,113	May 1	164	32-3	122	43
Tennis-racket.....	H. Brown.....	823,028	June 12	1602	331	122	2126
Tennis-rackets and similar articles. Holder or press for.....	W. Lillywhite.....	832,915	Oct. 9	1815	375	124	1689
Tenoning-machine.....	E. Sandberg.....	834,938	Nov. 6	118	24	125	34
Tenpin.....	F. K. Goff and H. P. Simmons.....	820,490	May 15	2976	643	122	784
Tenpin. Divided.....	S. G. Wilson.....	814,257	Mar. 6	503	104	121	108
Tenpin setting and spotting means.....	J. C. Baokus.....	809,890	Jan. 9	2541	527-8	120	592
Tension device.....	J. Good.....	811,141	Jan. 30	5145	1075	120	1276
Tension device.....	W. J. Rhodes.....	820,736	May 15	3448	738	122	887
Tension device.....	G. W. Foster.....	828,203	Aug. 7	1006	209	123	1917
Tent.....	E. E. Mann.....	809,516	Jan. 9	1837	379-80	120	438
Tent.....	J. W. Ormsby.....	833,411	Oct. 16	2823	598-9	124	1990
Tent.....	M. W. Dalton.....	837,802	Dec. 4	1038	231-2	125	1611
Tent-cottage and ventilator therefor.....	C. Schram.....	820,526	May 15	3061	659	122	803
Tent-peg.....	J. E. Gorrell.....	827,438	July 31	5645	1170	123	1486
Tent-pole. Adjustable.....	A. Burton.....	818,665	Apr. 24	4243	512	121	2449
Tent-slip.....	J. W. Steele.....	833,350	Oct. 16	2696	567	124	1960
Tent-stake.....	A. Rounsburg.....	828,509	Aug. 14	1651	348	123	2108
Tent. Window.....	W. B. McLaughlin.....	815,622	Mar. 20	3288	689	121	824
Tentering-machine clip.....	A. A. Whitley.....	829,360	Aug. 21	3385	714	123	2578
Terminal connector.....	J. Opitz.....	822,469	June 5	460	93	122	1825
Terminal strip.....	H. J. Guttman.....	819,060	May 1	48	10	122	14
Terminals. Manufacturing leading-m.....	A. C. Hyde.....	825,219	July 3	1058	223	123	276
Terpenes and rosin. Apparatus for extracting.....	G. A. Kerr.....	832,863	Oct. 9	1719	355	124	1666
Terret.....	W. J. Gagnon.....	819,749	May 8	1415	305	122	376
Test and wire-connector.....	W. A. Fricke.....	834,669	Oct. 30	5555	1179	124	2755
Test-clamp.....	T. Nagel.....	812,287	Feb. 13	1580	346	120	1886
Test-clamp.....	J. H. Williams.....	837,599	Dec. 4	646	148	125	1514
Test-indicator.....	H. Koch.....	825,911	July 17	2510	522	123	669
Testing device.....	C. Wagner.....	828,789	Aug. 14	2193	465	123	2246
Testing device.....	A. L. R. Ellis.....	837,044	Nov. 27	4322	917-18	125	1198
Testing instrument.....	F. H. Schauffler.....	827,397	July 31	5530	1150	123	1459
Testing-machine.....	T. Olsen.....	819,584	May 1	1076	236-7	122	242
Tether.....	W. F. Laws.....	819,561	May 1	1029	225	122	232
Tether and feed-bag. Combined animal.....	F. H. Thompson.....	812,157	Feb. 6	1270	278	120	1748
Textile and paper base.....	V. A. de Perini.....	831,521	Sept. 18	3242	684	124	872
Textile article provided with lappet figures and producing the same.....	W. A. Robinson.....	820,602	May 15	3196	687	122	833
Textile fibers. Retting process for.....	A. Van Steenkiste.....	816,622	Apr. 3	162	.....	121	1397
Textile-frames. Differential traverse-bar for.....	W. Monk.....	834,017	Oct. 23	4233	898	124	2374
Textile goods. Finishing.....	P. Kraiss.....	834,913	Nov. 6	75	.....	125	22
Textile gromet-web.....	A. M. Ziegler.....	830,034	Sept. 4	248	49	124	61
Textile materials. Apparatus for treating.....	R. Weiss.....	829,188	Aug. 21	3039	636	123	2494
Thawing apparatus.....	E. A. Burbank.....	829,095	Aug. 21	2812	591	123	2435
Thawing frosted fire-hydrants, water-mains, and service-pipes from mains to house-hydrants. Device for.....	G. T. Liddle.....	827,025	July 24	4729	986	123	1244
Thawing-point.....	J. Sutherland.....	839,227	Dec. 25	3867	832	125	2441

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr g.	Vol.	Page.
Theater.	H. Helbig.	821,164	May 22	4379	932	122	1154
Theater.	A. and A. Kautzky.	832,323	Oct. 2	616	118	124	1360
Theater-chair.	J. E. Chase and J. S. McCreary.	816,899	Apr. 3	699	143	121	1513
Theater-curtains. Means for hanging and operating.	J. H. Channon.	815,904	Mar. 20	3902	825-6	121	955
Theaters, &c. Means for quickly emptying crowded.	L. Wittenberg.	815,997	Mar. 27	4074	863	121	1042
Theatrical appliance.	B. J. Fagan.	810,734	Jan. 23	4321	898	120	1066
Theatrical device.	H. M. Pettit.	818,189	Apr. 17	3276	701-2	121	2188
Theatrical machinery or apparatus.	G. Garnier (alias G. Girrane) and C. Grobon.	830,988	Sept. 11	2177	459-60	124	577
Theatrical scenic apparatus.	G. A. Miller.	817,577	Apr. 10	2050	431-2	121	1863
Theodolite.	P. J. J. B. and A. C. B. Sorensen.	839,433	Dec. 25	4267	913	125	2540
Therapeutic apparatus.	E. Kromayer.	834,209	Oct. 23	4638	984	124	2476
Therapeutic pad.	P. B. Hardy.	813,092	Feb. 20	3137	687	120	2259
Therapeutic use of radiant energy. Apparatus for the.	A. Ripberger.	831,103	Sept. 18	2447	516	124	672
Thermal cut-out.	E. J. Berg.	835,388	Nov. 6	1034	221	125	261
Thermal cut-out and circuit-changer.	A. O. Stieberg.	833,425	Oct. 16	2852	604	124	1997
Thermal energy into mechanical energy. Converting.	S. A. Reeve.	826,192	July 17	3053	634	123	808
Thermal protector and alarm.	F. B. Cook.	812,184	Feb. 13	1360	296	120	1836
Thermal protector and alarm.	F. B. Cook.	815,006	Mar. 13	2003	421	121	491
Thermal protectors. Automatic electrical self-soldering reset for	F. B. Cook.	815,406	Mar. 20	2894	601	121	737
Thermo-electric battery and apparatus.	G. H. Cove.	824,684	June 26	4864	1036	122	2946
Thermo-electric couple.	H. E. Heath.	824,015	June 19	3562		122	2610
Thermo-electric couple.	W. H. Bristol.	811,819	Feb. 6	535	119	120	1599
Thermometer.	J. Schacht.	819,380	May 1	708	149	122	161
Thermometer.	M. F. Beeton.	821,848	May 29	5746	1223	122	1511
Thermometer.	M. F. Beeton.	825,798	July 10	2311	481	123	610
Thermometer-case.	M. D. McKichan.	837,949	Dec. 11	1321	290	125	1724
Thermometer case. Clinical.	J. F. Myers.	824,038	June 19	3604	768	122	2619
Thermometer. Clinical.	W. F. Fruehauf.	812,559	Feb. 13	2111	462	120	1996
Thermometer. Clinical.	W. F. Fruehauf.	812,560	Feb. 13	2112	462	120	1997
Thermometer-shaking apparatus.	F. Gröschke.	823,859	June 19	3263	691	122	2547
Thermometers. Instrument for readjusting clinical.	J. Peterson.	837,339	Dec. 4	123	32	125	1385
Thermometers. Lens-finder for clinical.	W. Ude.	821,141	May 22	4345	924	122	1146
Thermopile.	M. Wilderman and R. L. Mond.	813,682	Feb. 27	4317	950	120	2573
Thermostat.	A. D. Colton.	813,403	Feb. 27	3772	828	120	2451
Thermostat.	G. A. Weld.	826,458	July 17	3563	741	123	932
Thermostat.	F. T. Mueller.	826,735	July 24	4182	869	123	1109
Thermostat.	F. E. Austin.	832,116	Oct. 2	189	38	124	1260
Thermostat.	L. C. Byce.	832,293	Oct. 2	556	105	124	1347
Thermostat.	H. Cortland and S. J. Heinrich.	837,898	Dec. 4	1222	270	125	1657
Thermostat. Electric.	M. M. Vogel and W. J. Meyer.	839,794	Dec. 25	5004	1068	125	2719
Thermostat for journal-bearings, &c.	F. A. Vath.	839,340	Dec. 25	4080	876	125	2494
Thermostatic alarm.	T. A. Myers and W. M. Clemans.	815,111	Mar. 13	2224	467	121	540
Thermostatic alarm.	A. Gylfe and I. Olson.	839,066	Dec. 18	3494	756	125	2004
Thermostatic control.	E. Thomson.	822,323	June 5	197	39	122	1770
Thermostatic regulator.	J. J. Lawler.	825,328	July 10	1279	270	123	351
Thermostatic shut-off. Automatic.	O. E. Myers.	828,862	Aug. 14	2330	496	123	2279
Thill and pole support.	J. C. Brock and C. J. Booker.	824,620	June 26	4746	1011	122	2922
Thill-coupling.	C. Vives-Navarro.	809,079	Jan. 2	912	191	120	202
Thill-coupling.	J. A. McLaughlin.	810,552	Jan. 23	3990	822	120	992
Thill-coupling.	F. A. Wegner.	811,464	Jan. 30	5754	1205	120	1407
Thill-coupling.	J. L. Henry.	814,005	Feb. 27	4956	1097-8	120	2706
Thill-coupling.	A. Pflugradt.	816,597	Apr. 3	102	21	121	1379
Thill-coupling.	C. F. Blain and G. S. Jackson.	817,102	Apr. 3	1083	225	121	1599
Thill-coupling.	J. A. Green.	818,437	Apr. 24	3766	810	121	2346
Thill-coupling.	J. W. Jones.	819,552	May 1	1016	222	122	229
Thill-coupling.	R. E. Miller.	820,660	May 15	3292	707	122	852
Thill-coupling.	D. W. Copeland.	829,767	Aug. 28	4255	901	123	2837
Thill-coupling.	J. D. Barry.	836,060	Nov. 13	2261	483	125	606
Thill-coupling.	G. W. Kohler.	837,626	Dec. 4	603	159-60	125	1527
Thill-coupling.	C. C. Bradley.	838,767	Dec. 18	2951	636	125	2171
Thill. Metallic.	W. H. Spillman and F. Fowler.	822,026	May 29	6078	1295	122	1586
Thill. Shifting.	T. Grant.	812,843	Feb. 20	2648	579	120	2151
Thill-support.	D. H. Loveless.	823,424	June 12	2398	505	122	2298
Thill. Vehicle.	A. Lott.	816,667	Apr. 3	248	58	121	1415
Thimble.	J. J. Le Sauvage.	826,590	Nov. 20	3342	712	125	923
Thimble and needle-threader. Combined.	E. M. Totten.	837,357	Dec. 4	158	39	125	1394
Thimble attachment.	M. J. Smith.	839,789	Dec. 25	4997	1067	125	2718
Thimble. Sewing.	H. Bourne.	837,896	Dec. 4	1218	269	125	1656
Thimble thread and buttonhole cutter.	J. A. Gosnell.	824,925	July 3	499	99	123	133
Thread-cutter for spools.	H. H. Butler.	822,821	June 5	1167	240	122	1984
Thread-cutting device.	A. E. A., and G. Walker.	822,169	May 29	6361	1352	122	1651
Thread-cutting device.	J. Roemer.	837,422	Dec. 4	290	71	125	1429
Thread-cutting die and making the same.	J. Elder.	818,020	Apr. 17	2943	636	121	2117
Thread-cutting-machine gearing.	H. W. Oster.	818,114	Apr. 17	3123	632	121	2154
Thread-guide.	D. C. Finney.	809,437	Jan. 9	1687	347	120	403
Thread-guide.	I. E. Palmer.	826,875	July 24	4456	927	123	1177
Thread-guide.	I. E. Palmer.	826,876	July 24	4457	928	123	1177
Thread-laying device.	C. Pedersen.	813,822	Feb. 27	4583	1013-14	120	2630
Thread-lubricating device.	C. H. Emerson.	839,567	Dec. 25	4541	969	125	2606
Thread tensioning and regulating device.	H. W. Larsson.	829,406	Aug. 28	3473	730	123	2645
Threads. Apparatus for the production of artificial.	E. W. Friedrich.	827,434	July 31	5640	1168	123	1485
Threads from short fiber. Manufacture of.	C. Kellner.	826,859	July 24	4420	921	123	1169
Threader and cutter.	W. C. Griffin.	811,774	Feb. 6	448	97	120	1583
Threading-die.	W. B. Pearson.	830,736	Sept. 11	1737	359	124	469
Threading-machine.	J. A. Doran.	828,466	Aug. 14	1560	330	123	2081
Threading-machines. Cut-off-thread-gathering attachment for	B. Zäch.	830,814	Sept. 11	1868	389	124	501
Threadless bolt.	K. Irvin.	831,440	Sept. 18	3087	654	124	831
Threadless bolt and nut.	J. J. Souder.	836,786	Nov. 27	3784	806	125	1069
Three-point jack.	W. F. Bossert.	839,264	Dec. 25	3936	846	125	2458
Thresher feeding attachment.	N. Walberg and F. J. McArthur.	810,239	Jan. 16	3294	682-3	120	802
Thresher-leveling device.	G. H. Rochford and F. A. Hotson.	828,506	Aug. 14	1642	346	123	2106
Thresher-tooth.	G. S. Wollen.	825,258	July 3	1127	239	123	293
Threshers. Grain-pan for	E. F. Athey.	814,931	Mar. 13	1844	386	121	460

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Threshing and separating machine. Grain.	H. W. Eisenhart.	813,957	Feb. 27	4856	1072-4	120	2687
Threshing-machine.	E. Kyllonen.	810,774	Jan. 23	4403	913	120	1084
Threshing-machine.	B. G. Baker.	811,025	Jan. 30	4919	1026-7	120	1229
Threshing-machine.	W. Brenton.	812,719	Feb. 13	2405	527	120	2053
Threshing-machine.	F. J. Wood.	818,009	Apr. 17	2917	629-30	121	2112
Threshing-machine.	F. Fullerton.	824,857	July 3	361	68	123	99
Threshing-machine.	J. F. Schuch.	826,445	July 17	3533	736	123	924
Threshing-machine.	H. Cook.	827,851	Aug. 7	321	67	123	1750
Threshing-machine.	F. F. Landis.	830,337	Sept. 4	873	179-80	124	217
Threshing-machine.	D. Still.	833,700	Oct. 16	3408	726	124	2126
Threshing-machine.	H. Alberswerth.	837,909	Dec. 11	1250	274-5	125	1707
Threshing-machine.	J. J. Kleker.	838,032	Dec. 11	1498	323	125	1771
Threshing-machine attachment.	J. I. Huffhines.	821,496	May 22	5046	1074	122	1300
Threshing-machine band-cutter and feeder.	J. T. Ramsden.	820,255	May 8	2510	543-4	122	622
Threshing-machine band-cutter and feeder.	T. L. Cummings.	834,195	Oct. 23	4612	979-80	124	2469
Threshing-machine beater.	W. F. MacGregor.	837,088	Nov. 27	4404	933	125	1220
Threshing-machine bodies. Device for shifting.	H. J. McNeill.	819,581	May 1	1066	235	122	240
Threshing-machine cylinder-tooth.	J. R. Hall.	836,030	Nov. 13	2206	472	125	592
Threshing-machine feeding attachment.	H. H. Bockelman.	831,927	Sept. 25	4107	856	124	1131
Threshing-machine. Flax.	H. H. Lamont.	818,101	Apr. 17	3085	666	121	2145
Threshing-machine self-feeding attachment.	J. G. Walker.	811,007	Jan. 30	4892	1020	120	1223
Threshing-machine sieves. Attachment to.	F. J. Pellowski.	836,825	Nov. 27	3853	821	125	1087
Threshing-machine straw-rack.	C. E. Whitney.	817,289	Apr. 10	1476	310	121	1743
Threshing-machines. Beater-clearer for.	O. O. Braaten and H. T. Disrud.	831,769	Sept. 25	3769	790	124	1047
Threshing-machines. Metal body for.	W. A. Spencer.	833,644	Oct. 16	3306	703	124	2102
Threshing-machines. Rotary beater for.	N. P. Noben and E. E. Wang.	817,931	Apr. 17	2763	598-9	121	2078
Threshold-gage.	J. A. Andersson.	827,284	July 31	5306	1100	123	1404
Throwing or projecting apparatus.	G. Obiols.	824,506	June 26	4511	957	122	2872
Thrust or end movement mechanism.	J. J. Rexroth.	826,194	July 17	3059	634-5	123	809
Ticket.	A. I. Blanchard.	818,996	Apr. 24	4885	1049	121	2588
Ticket-box.	S. Praechl.	825,937	July 17	2568	534	123	686
Ticket-box for theaters.	P. H. Brehmer.	833,575	Oct. 16	3170	673	124	2072
Ticket-case.	N. W. Moore.	819,574	May 1	1056	232	122	237
Ticket counting and canceling machine.	W. J. Coulter.	821,465	May 22	4990	1060-1	122	1289
Ticket-dater.	W. P. Nolan.	821,731	May 29	5522	1177	122	1460
Ticket-delivering machine.	H. H. Cummings.	822,829	June 5	1185	243-4	122	1987
Ticket-delivering machine.	H. H. Cummings.	839,457	Dec. 25	4317	922	125	2552
Ticket-destroyer.	J. M. Smith.	836,222	Nov. 20	2622	552	125	749
Ticket. Duplex railway.	J. F. Ohmer.	827,990	Aug. 7	594	121	123	1818
Ticket-holder.	N. A. Planchich.	809,132	Jan. 2	1016	210	120	223
Ticket-holder.	G. D. Klemmer and W. B. Armstrong.	823,050	June 12	1639	339	122	2134
Ticket-holder.	C. B. Livermore.	837,939	Dec. 11	1303	286	125	1720
Ticket-holder.	A. L. Bryant.	838,003	Dec. 11	1433	311	125	1753
Ticket-holder.	A. L. Bryant.	838,004	Dec. 11	1434	311	125	1754
Ticket-holder. Portable.	J. D. Cantwell.	817,624	Apr. 10	2129	451	121	1880
Ticket or tag.	T. H. O'Brien.	821,526	May 22	5099	1086	122	1311
Ticket or tag.	T. H. O'Brien.	827,748	Aug. 7	111	24-5	123	1697
Ticket. Railway.	C. H. McDermott.	829,797	Aug. 28	4334	916	123	2858
Ticket stamping and delivering machine.	H. H. Cummings.	822,855	June 5	1236	254-5	122	1997
Ticket stamping and delivering machine.	H. H. Cummings.	822,856	June 5	1238	255	122	1998
Ticket stamping and delivery machine.	H. H. Cummings.	822,830	June 5	1188	244	122	1988
Ticket. Transfer.	W. C. Pope.	813,321	Feb. 20	3603	791	120	2357
Ticket. Transportation.	J. S. Young.	834,859	Oct. 30	5948	1263	124	2851
Ticket. Transportation.	J. S. Young.	834,860	Oct. 30	5950	1263	124	2851
Ticket. Transportation.	J. F. Ohmer.	836,275	Nov. 20	2739	582	125	779
Tickets, checks, &c. Holder for.	A. F. Macdonald.	827,105	July 31	4929	1029	123	1308
Tickets. Machine for producing printed railway.	G. Lange.	810,158	Jan. 16	3118	644-5	120	766
Tickets, records, &c. Holder for.	A. F. Macdonald.	827,104	July 31	4926	1029	123	1307
Tide and wave motor.	G. W. Hazel.	817,317	Apr. 10	1526	320	121	1753
Tide or wave motor.	G. W. Hazel.	817,318	Apr. 10	1527	320-1	121	1753
Tide-power.	E. B. Cade.	811,762	Feb. 6	423	93	120	1578
Tie.							
See Bale-tie.	Package-tie.						
Bale-band tie.	Rail-tie.						
Cross-tie.	Railway-tie.						
Fence-tie.	Railway composite tie.						
Fencing-tie.	Railway cross-tie.						
Halter-tie.	Railway-rail tie.						
Lid-holding tie.	Railway-track tie.						
Metal tie.	Wall-tie.						
Metallic tie.	Wire-tie.						
Tie and rail-fastener. Metallic.		L. H. Pfeleghardt.	Oct. 16	3100	658	124	2054
Tie-bar.		J. F. McKechnie.	Nov. 6	1163	251	125	292
Tie liner and spacer.		W. T. Pace.	Jan. 2	766	165	120	169
Tie-plate.		J. M. Sellers.	Jan. 16	2758	567	120	691
Tie-plate.		W. J. Williams.	Mar. 13	2506	521	121	605
Tie-plate.		J. T. De Souchet.	May 22	4741	1008	122	1235
Tie-plate.		D. F. Vaughan.	June 19	3197	676	122	2532
Tie-plate.		D. F. Vaughan.	June 19	3199	676	122	2533
Tie-plate.		A. H. Smith.	June 26	4850	1034	122	2944
Tie-plate.		G. W. Dennis.	Sept. 18	2759	581	124	748
Tie-plate.		A. C. Shand.	Oct. 9	1237	249	124	1551
Tie-plate.		B. Wolhaupter.	Oct. 9	1868	388	124	1701
Tie-plate.		W. H. Woodcock.	Nov. 20	3043	646	125	849
Tie-plate.		W. R. A. Ball.	Nov. 27	3904	833	125	1099
Tie-plate.		E. J. Burr.	Nov. 27	4587	973	125	1264
Tie-plate.		B. B. Moss.	Dec. 4	868	196	125	1570
Tie-plate and rail-brace. Combination.		W. D. Clark.	Dec. 4	22	8-9	125	1360
Tie-plate and rail-fastening for use therewith.		G. W. Whiteman.	Aug. 14	2202	467-8	123	2248
Tie-plate-manufacturing machine.		W. McKee.	Apr. 17	2482	530-1	121	2013
Ties. Apparatus for applying tie-plates to.		W. C. McConnell.	Oct. 2	636	122	124	1366
Ties. Apparatus for applying tie-plates to.		W. C. McConnell.	Oct. 2	638	122	124	1366
Ties. Applying tie-plates to.		W. C. McConnell.	Oct. 2	641	122	124	1367
Tightening device. Labyrinthian.		O. Kolb.	Dec. 4	1127	252	125	1634
Tile.		A. Du Montier.	July 10	1227	258-9	123	337

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Tile and sewer-outlet protector. Drain-	J. A. Tenold.....	830,112	Sept. 4	411	84	124	101
Tile construction. Illuminating.	P. H. Jackson.....	816,982	Apr. 3	877	181-2	121	1553
Tile. Fire-brick.	J. V. Boland.....	835,596	Nov. 13	1434	307	125	406
Tile for floor or wall coverings. Interlocking.	A. W. Nilsson. (Reissue).....	12,483	May 15	3918	835	122	993
Tile. Furnace.	J. F. Warwick.....	828,355	Aug. 14	1344	284	123	2027
Tile. Illuminating.	J. Jacobs.....	820,200	May 8	2393	520	122	595
Tile-laying carrier.	H. M. Fisk.....	827,301	July 31	5339	1107	123	1411
Tile-machine.	J. M. and J. Schenk.....	819,931	May 8	1785	384-5	122	463
Tile-machine.	L. R. Peck.....	839,635	Dec. 25	4691	1001	125	2641
Tile. Mixing.	G. R. Schimmel.....	812,953	Feb. 20	2867	633	120	2202
Tile-mold.	W. P. Meeker.....	823,184	June 12	1931	398	122	2198
Tile-mold.	F. M. Sawyer.....	829,896	Aug. 28	4526	955	123	2904
Tile mold. Undercut.	W. H. Cammeyer.....	818,348	Apr. 17	3586	768	121	2252
Tile-molding device.	H. Besser.....	822,038	May 29	6109	1302	122	1593
Tile-molding machine.	A. Glenn.....	809,940	Jan. 16	2661	549-50	120	670
Tile or shingle. Artificial-stone roofing.	F. M. Leusch.....	814,970	Mar. 13	1921	403	121	475
Tile-press.	P. L. Simpson.....	827,472	July 31	5771	1196-7	123	1517
Tile-press.	W. P. Meeker.....	830,160	Sept. 4	517	105-6	124	131
Tile-press.	F. Mueller.....	833,793	Oct. 23	3597	769	124	2219
Tile protector. Drain.	W. J. McHugh.....	813,016	Feb. 20	2985	657	120	2226
Tiles and similar articles. Mold for molding.	F. M. Sawyer.....	813,590	Feb. 27	4142	908	120	2536
Tiles. Device for forcing terra-cotta.	J. Elliott.....	831,607	Sept. 25	3432	721	124	956
Tiles. Machine for applying mortar to.	E. M. Dezendorf.....	820,706	May 15	3387	725	122	872
Tiles. Machine for the production of drain-	N. Ketelsen.....	832,132	Oct. 2	220	44	124	1267
Tiles. Making.	G. W. Blair.....	826,827	July 24	4349	905	123	1152
Tiles. Making.	O. Ducker.....	836,638	Nov. 20	3434	733	125	943
Tiles, slabs, and the like of plastic material. Apparatus for molding	A. Gaspary.....	835,858	Nov. 13	1919	405	125	525
Tiling.	L. F. Lindley.....	820,221	May 8	2429	527	122	604
Tiling. Portable mold for	F. M. Wilttrout.....	818,727	Apr. 24	4365	935	121	2475
Tiltable gate.	T. W. Elberson.....	831,422	Sept. 18	3052	647	124	823
Tilting bin and cover.	W. C. Horner.....	812,343	Feb. 13	1674	368	120	1907
Tilting furnace.	J. C. Cromwell.....	823,669	June 19	2914	616	122	2471
Tilting gate.	C. H. Lovering.....	822,746	June 5	1033	212	122	1955
Tilting platform.	J. E. Briggs.....	823,914	June 19	3362	717	122	2568
Timber clamp. Cross-	W. Loudon.....	828,616	Aug. 14	1856	391	123	2161
Timber-jack.	J. M. Williams.....	814,105	Mar. 6	204	41	121	44
Time check or recorder.	L. M. Sober and E. E. Brown.....	820,894	May 15	3508	813-14	122	966
Time-controller. Watchman's electric.	P. Reitz.....	830,364	Sept. 4	935	194	124	230
Time-element device.	J. G. Statler.....	830,537	Sept. 11	1297	268	124	348
Time-lock.	H. C. Stockwell.....	833,094	Oct. 9	2144	452	124	1771
Time-recorder.	S. A. Palmer.....	839,562	Dec. 25	4530	967-8	125	2603
Time-recorder. Automatic.	H. B. Palmer.....	830,486	Sept. 4	1188	247-8	124	294
Time-recorder. Employee's.	F. Brook.....	816,844	Apr. 3	586	122	121	1489
Time-recorder. Workman's.	D. Hepp.....	814,602	Mar. 6	1197	250-1	121	259
Time-recorder. Workman's.	W. A. Wood.....	814,760	Mar. 13	1533	325	121	395
Time-recorder. Workman's.	E. E. Peterson.....	834,487	Oct. 30	5194	1103-5	124	2661
Time-recording apparatus.	W. I. Follett.....	810,370	Jan. 16	3574	735	120	865
Time-recording apparatus.	W. I. Follett and J. Alsenz.....	838,855	Dec. 18	3122	672-3	125	2214
Time-switch.	H. Geisenhöner.....	829,774	Aug. 28	4286	906	123	2846
Time-switch.	P. Mattern.....	832,402	Oct. 2	771	149	124	1398
Time-table and advertising device. Automatic.	F. J. Walton and L. V. Rogers.....	829,816	Aug. 28	4366	922-3	123	2866
Time-table. Time-operated.	D. G. Hurd.....	832,018	Sept. 25	4271	892-3	124	1173
Timing mechanism for engine-houses.	J. M. Gardiner.....	826,719	July 24	4155	864	123	1103
Timepiece rating device.	W. E. Porter.....	832,339	Oct. 2	648	124-5	121	1368
Timepiece stem-winding mechanism.	C. R. Stucky.....	812,963	Feb. 20	2890	638	120	2206
Timepiece. Universal.	I. F. Phelps.....	811,585	Feb. 6	101	22	120	1507
Timepieces. Barrel click-spring for.	J. Klein.....	820,794	May 15	3571	763	122	915
Timepieces. Synchronizing mechanism for.	A. L. Aahl.....	823,682	June 19	2932	620	122	2475
Tin. Apparatus for producing compounds of.	C. E. Acker.....	810,897	Jan. 30	4659	971	120	1171
Tin. Making chlorin compounds of.	C. E. Acker.....	810,456	Jan. 23	3800	781	120	949
Tin or tin and lead. Recovering.	J. C. Taliaferro.....	814,334	Mar. 6	690	138	121	152
Tin-plate catcher.	L. C. Steele.....	822,698	June 5	946	193	122	1937
Tin-plate-cleaning machine.	W. C. Weichsel and U. G. Knuppenburg.....	821,908	May 29	5855	1244-5	122	1537
Tin. Producing oxygen compounds of.	C. E. Acker.....	824,398	June 26	4287	.....	122	2822
Tin-scrap, &c. Detinning.	K. Goldschmidt and J. Weber.....	836,496	Nov. 20	3167	.....	125	881
Tins. Heating device for.	A. Lang.....	824,938	July 3	526	104	123	140
Tinned sheets or surfaces. Treating oxidized.	S. K. Green.....	813,147	Feb. 20	3264	.....	120	2287
Tinning apparatus.	T. A. Hickman.....	830,321	Sept. 4	848	174	124	212
Tinning-machine catcher.	W. P. Lewis and T. R. Williams.....	818,838	Apr. 24	4592	984-5	121	2524
Tinning or coating metal sheets with tin or other metallic coatings.	J. Lee.....	811,854	Feb. 6	605	132	120	1612
Tipple.	C. R. Connor.....	811,486	Jan. 30	5788	1212	120	1414
Tipple.	C. R. Conner.....	828,462	Aug. 14	1552	328	123	2082
Tipple.	E. E. Stouffer and G. W. Tidrick.....	835,574	Nov. 13	1386	297-8	125	394
Tire.	J. L. Connable.....	812,165	Feb. 6	1294	283	120	1753
Tire.	R. G. Smith.....	813,529	Feb. 27	4029	882	120	2512
Tire.	P. W. O'Connor.....	814,560	Mar. 6	1125	234	121	244
Tire.	B. C. Seaton.....	814,737	Mar. 13	1487	313	121	386
Tire.	C. W. Faltoute.....	816,225	Mar. 27	4545	966	121	1147
Tire.	J. C. Raymond.....	817,668	Apr. 10	2203	470	121	1896
Tire.	C. Miller.....	818,184	Apr. 17	3268	700	121	2186
Tire.	I. N. Bowen.....	818,863	Apr. 24	4638	996	121	2534
Tire.	W. N. Wright and E. Carson.....	823,839	June 19	3224	682	122	2538
Tire.	W. A. Field.....	825,269	July 3	1150	243	123	300
Tire.	J. H. Swain.....	826,490	July 17	3683	763	123	968
Tire.	W. B. Sawyer.....	826,612	July 24	3964	821	123	1055
Tire.	J. H. Swain.....	828,254	Aug. 7	1093	230	123	1937
Tire.	F. Mesinger.....	828,416	Aug. 14	1456	307	123	2058
Tire.	H. T. Bragg.....	835,808	Nov. 13	1837	387	125	508
Tire.	D. C. Thomas.....	836,286	Nov. 20	2763	586	125	786
Tire.	F. Mesinger.....	836,450	Nov. 20	3095	656	125	861
Tire.	A. Vandervoort.....	838,824	Dec. 18	3065	660	125	2199
Tire.	J. C. Backus.....	838,838	Dec. 18	3089	666	125	2206
Tire and brake. Non-slipping.	J. A. Young.....	817,539	Apr. 10	1974	418	121	1848

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page
Tire and other valves.....	G. H. F. Schrader.....	809,986	Jan. 16	2755	566	120	690
Tire and rim. Vehicle.....	F. R. Keith.....	836,929	Nov. 27	4083	871	125	1140
Tire-armor.....	H. E. Prouty.....	816,182	Mar. 27	4469	946	121	1131
Tire-armor.....	J. Coan.....	822,651	June 5	846	172	122	1915
Tire armor. Cycle.....	E. Grimme.....	821,868	May 29	5778	1231	122	1518
Tire armor. Pneumatic.....	A. A. Moore.....	811,732	Feb. 6	367	81	120	1567
Tire attachment. Elastic.....	W. H. Violett.....	832,514	Oct. 2	985	198	124	1449
Tire-case.....	H. R. Teel.....	815,319	Mar. 13	2652	555	121	636
Tire-case.....	F. E. Bowers.....	832,453	Oct. 2	877	169	124	1423
Tire construction.....	W. F. Ellis and E. C. Davis.....	822,439	June 5	400	83	122	1812
Tire construction.....	J. C. Cole.....	826,143	July 17	2964	616	123	736
Tire-coupling.....	J. P. Lotzer.....	821,658	May 29	5368	1144	122	1426
Tire-cover.....	J. P. Gordon.....	823,680	June 19	2929	620	122	2474
Tire-cover.....	W. A. Allen.....	828,701	Aug. 14	2022	427	123	2202
Tire-cover.....	F. C. Brock and A. M. Schaffer.....	834,963	Nov. 6	158	32	125	44
Tire cover. Pneumatic.....	W. A. Sankey.....	809,530	Jan. 9	1864	387	120	444
Tire cover. Pneumatic.....	E. Fortier-Beaulieu.....	825,715	July 10	2160	451	123	573
Tire covers. Locking-band for pneumatic.....	J. Cottrell.....	828,841	Aug. 14	2286	487-8	123	2271
Tire-covers. Manufacturing.....	E. Zohlen.....	827,404	July 31	5544	1153	123	1463
Tire. Cushion.....	R. E. Rathbun.....	814,729	Mar. 13	1474	309	121	383
Tire. Cushion.....	F. G. Freese.....	815,523	Mar. 20	3101	648	121	783
Tire. Cushion.....	F. M. Ashley.....	819,036	May 1	3	1-2	122	3
Tire. Cushion.....	J. C. Burdick, Jr.....	824,778	July 3	185	32	123	54
Tire. Cushion.....	T. Howard.....	827,020	July 24	4721	984	123	1242
Tire. Cushion.....	W. H. Farham.....	827,321	July 31	5378	1118	123	1421
Tire. Cushioned pneumatic.....	E. B. Cadwell.....	827,784	Aug. 7	192	39	123	1717
Tire. Detachable pneumatic.....	D. B. Hislop.....	821,871	May 29	5784	1232	122	1519
Tire. Detachable pneumatic.....	C. S. Scott.....	816,884	Apr. 3	674	139	121	1508
Tire detaching and resetting tool.....	C. S. Scott.....	833,981	Oct. 23	4134	878	124	2348
Tire. Elastic.....	P. L. Hussey.....	834,908	Nov. 6	65	13	125	19
Tire. Elastic.....	J. E. Hopkinson.....	810,944	Jan. 30	4774	993	120	1197
Tire. Elastic.....	A. W. Carpenter.....	824,844	July 3	342	63	123	95
Tire. Elastic.....	A. T. Collier.....	826,405	July 17	3453	717	123	903
Tire. Elastic metallic.....	A. Feust.....	811,161	Mar. 6	315	63	121	69
Tire. Elastic wheel.....	W. Struck.....	822,786	June 5	1097	226	122	1968
Tire envelop. Automobile.....	C. W. A. Cornish.....	835,502	Nov. 13	1248	268	125	360
Tire-fastening device.....	J. C. Cole.....	826,144	July 17	2966	616	123	786
Tire. Flexible.....	A. V. Stichenlen.....	816,889	Apr. 3	681	141	121	1510
Tire for automobiles. Wheel.....	H. Kerngood and H. A. Taylor.....	812,427	Feb. 13	1838	404	120	1940
Tire for road-wheels. Elastic.....	E. C. F. Otto.....	819,374	May 1	692	145-6	122	158
Tire for vehicle-wheels. Cushion.....	L. H. Barry.....	830,873	Sept. 11	1971	414	124	528
Tire for vehicle-wheels. Elastic.....	T. Sterné.....	812,698	Feb. 13	2364	518	120	2044
Tire for vehicle-wheels. Supplemental.....	C. H. Goodman.....	824,240	June 26	3987	853	122	2760
Tire for vehicles and making the same.....	T. C. Sanderson.....	822,021	May 29	6068	1293	122	1583
Tire for wheeled vehicles.....	F. H. Sterling.....	809,537	Jan. 9	1876	389	120	446
Tire for wheels. Cushion.....	T. J. Aurand.....	836,077	Nov. 20	2306	489	125	673
Tire for wheels. Elastic.....	L. Boirault.....	836,557	Nov. 20	3288	701	125	910
Tire guard. Rubber.....	L. Slama.....	812,605	Feb. 13	2195	478	120	2012
Tire-heater.....	J. E. Bancroft.....	811,026	Jan. 30	4924	1027	120	1230
Tire-heating apparatus.....	G. W. Graves.....	810,528	Jan. 23	3943	811	120	982
Tire-inflating apparatus. Vehicle.....	M. A. Baker.....	825,572	July 10	1826	388-9	123	488
Tire-inflating device. Pneumatic.....	A. T. Fisher.....	825,592	July 10	1865	395	123	497
Tire machine. Wheel.....	E. L. Meyers.....	836,593	Nov. 20	3346	713	125	924
Tire. Motor-car.....	I. Clifford.....	828,641	Aug. 14	1906	401	123	2173
Tire. Non-slipping.....	M. Vivian.....	830,467	Sept. 4	1146	240	124	282
Tire-plug.....	D. Apstein.....	825,287	July 10	1186	251	123	327
Tire-plug. Pneumatic.....	D. Apstein.....	818,402	Apr. 24	3701	795	121	2333
Tire. Pneumatic.....	P. W. Tillinghast.....	809,409	Jan. 9	1634	332	120	393
Tire. Pneumatic.....	F. Veith.....	811,109	Jan. 30	5063	1059	120	1260
Tire. Pneumatic.....	J. M. Elder.....	811,490	Jan. 30	5798	1213	120	1416
Tire. Pneumatic.....	F. G. McKim.....	814,068	Mar. 6	132	25-6	121	30
Tire. Pneumatic.....	R. A. Harris.....	815,346	Mar. 20	2748	572	121	705
Tire. Pneumatic.....	S. Hunter.....	817,066	Apr. 3	1026	211	121	1586
Tire. Pneumatic.....	C. R. Twitchell.....	819,387	May 1	717	152	122	163
Tire. Pneumatic.....	P. W. Fawcett and E. L. W. Bellhouse.....	820,104	May 8	2218	482	122	558
Tire. Pneumatic.....	H. L. Christiansen.....	821,858	May 29	5762	1227	122	1514
Tire. Pneumatic.....	C. R. Twitchell.....	824,604	June 26	4718	1004	122	2916
Tire. Pneumatic.....	J. A. Swinehart.....	826,623	July 24	3982	824	123	1060
Tire. Pneumatic.....	H. D. B. Lefferts.....	827,927	Aug. 7	462	95	123	1787
Tire. Pneumatic.....	A. Dow.....	836,569	Nov. 20	3305	704-5	125	913
Tire. Pneumatic.....	H. C. Fairchild.....	837,458	Dec. 4	364	85	125	1446
Tire-protecting cover. Vehicle.....	R. Wallwork.....	829,496	Aug. 28	3688	778	123	2698
Tire-protecting device. Pneumatic.....	E. Lapisse.....	813,900	Feb. 27	4752	1049	120	2667
Tire-protector.....	H. Waxman.....	811,345	Jan. 30	5553	1158	120	1365
Tire-protector.....	J. E. Caps.....	812,259	Feb. 13	1503	329	120	1867
Tire-protector.....	H. P. Palin.....	814,798	Mar. 13	1618	339	121	412
Tire-protector. Pneumatic.....	H. David.....	808,974	Jan. 2	706	153	120	156
Tire-protector. Pneumatic.....	L. L. Sidwell.....	812,373	Feb. 13	1727	378	120	1918
Tire-protector. Pneumatic.....	W. W. Scarborough and C. E. Schultz.....	822,307	June 5	167	34	122	1765
Tire-remover.....	J. Willson and A. Traeger.....	831,128	Sept. 18	2492	526	124	682
Tire-repair device.....	J. R. Vosburgh.....	823,089	June 12	1734	357	122	2153
Tire. Resilient vehicle.....	J. F. Rau.....	814,164	Mar. 6	319	64	121	69
Tire-rim. Detachable.....	H. G. Leisenring.....	828,223	Aug. 7	1044	219	123	1926
Tire rim. Vehicle.....	A. L. Banker.....	834,504	Oct. 30	5232	1111	124	2671
Tire. Rubber.....	A. H. Marks.....	834,015	Oct. 23	4227	897	124	2372
Tire. Rubber wheel.....	H. G. Osburn.....	827,938	Aug. 7	480	99	123	1791
Tire. Sectional.....	F. G. Urier.....	814,175	Mar. 6	336	68	121	74
Tire-setter.....	J. and M. Evans.....	822,933	June 12	1397	292	122	2079
Tire shield. Pneumatic.....	J. H. Lowrey.....	833,234	Oct. 16	2464	516	124	1899
Tire-shoe.....	E. Krebs.....	814,143	Mar. 6	279	56	121	61
Tire shoe. Pneumatic.....	J. W. Hyatt.....	814,377	Mar. 6	764	154-5	121	169
Tire-shrinking machine.....	D. O. Brackett.....	815,900	Mar. 20	3896	824	121	954
Tire. Solid-rubber.....	J. A. Swinehart.....	826,622	July 24	3981	824	123	1060
Tire. Solid-rubber.....	E. D. Carr.....	832,039	Oct. 2	27	7	124	1219

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Tire. Spring-	E. G. Ofeldt.	829,996	Sept. 4	165	29	124	40
Tire. Spring-	J. W. Barnes, Jr.	837,376	Dec. 4	198	49	125	1406
Tire-tightener.	L. W. Benson.	842,254	Feb. 13	1497	328	120	1866
Tire-tightening device.	C. C. Park.	826,111	July 17	2915	605	123	775
Tire-tool.	E. C. Shaw.	832,170	Oct. 2	307	58	124	1287
Tire tool. Vehicle-	C. McCarthy and M. M. Phemie.	816,354	Mar. 27	4335	1025	121	1209
Tire-valve.	C. E. Duryea.	816,006	Mar. 27	4102	867	121	1051
Tire. Vehicle-	J. A. Swinehart.	809,641	Jan. 9	2102	435	120	491
Tire. Vehicle-	C. Stein.	810,888	Jan. 23	4635	966	120	1132
Tire. Vehicle-	J. Lang and A. Fischer.	811,232	Jan. 30	5333	1114	120	1318
Tire. Vehicle-	H. R. Auld.	812,321	Feb. 13	1637	360	120	1899
Tire. Vehicle-	G. M. Stadelman.	813,676	Feb. 27	4306	948	120	2571
Tire. Vehicle-	H. C. Folger.	815,279	Mar. 13	2556	538	121	615
Tire. Vehicle-	J. K. Williams.	815,572	Mar. 20	3191	671	121	802
Tire. Vehicle-	W. Christy.	817,957	Apr. 17	2821	610	121	2090
Tire. Vehicle-	R. Wright.	818,400	Apr. 17	3696	793-4	121	2276
Tire. Vehicle-	E. B. Sims.	818,568	Apr. 24	4036	866	121	2402
Tire. Vehicle-	J. Christy.	822,583	June 5	707	143	122	1884
Tire. Vehicle-	T. C. Sanderson.	820,673	May 15	3328	714	122	860
Tire. Vehicle-	T. C. Sanderson.	820,738	May 15	3450	739	122	888
Tire. Vehicle-	C. E. W. Woodward.	826,461	July 17	3567	743	123	934
Tire. Vehicle-	F. E. Newcomb.	827,556	July 31	5939	1231	123	5558
Tire. Vehicle-	W. Westney.	830,267	Sept. 4	754	154	124	189
Tire. Vehicle-	J. G. Bell.	839,094	Dec. 25	3593	777	125	2373
Tire. Vehicle-	M. B. Smythe.	839,218	Dec. 25	3852	828	125	2437
Tire. Vehicle-	S. H. Hedden.	839,385	Dec. 25	4166	891	125	2515
Tire. Vehicle-	E. O. Pease.	839,634	Dec. 25	4690	1001	125	2641
Tire. Vehicle-wheel.	A. Dewes.	810,921	Jan. 30	4721	985	120	1185
Tire. Vehicle-wheel.	J. H. Lorimer.	811,646	Feb. 6	221	47	120	1533
Tire. Vehicle-wheel.	C. C. Worthington.	813,477	Feb. 27	3920	860	120	2486
Tire. Vehicle-wheel.	J. L. Heward.	817,560	Apr. 10	2019	425	121	1856
Tire. Vehicle-wheel.	V. E. Belledin.	819,503	May 1	931	204	122	209
Tire. Vehicle-wheel.	J. Thomson.	821,679	May 29	5416	1153	122	1435
Tire. Vehicle-wheel.	A. T. Sherman.	832,702	Oct. 9	1377	278	124	1584
Tire. Wheel.	W. A. Loudon.	812,759	Feb. 13	2475	543	120	2068
Tire. Wheel.	E. F. Sobers.	812,893	Feb. 20	2739	603	120	2172
Tire. Wheel.	H. Maerker.	818,771	Apr. 24	4465	957	121	2497
Tire. Wheel.	T. Furlong.	824,476	June 26	4465	946	122	2861
Tire. Wheel.	J. H. Kressler.	826,338	July 17	3333	689	123	875
Tire. Wheel.	N. Beckwith.	830,488	Sept. 11	1199	250	124	325
Tire. Wheel.	L. H. Broome.	833,437	Oct. 16	2878	611	124	2005
Tire. Wheel.	R. B. Calcutt.	834,966	Nov. 6	161	33	125	44
Tire. Wheel.	A. S. Allen.	835,005	Nov. 6	254	55	125	67
Tire. Wheel.	J. Cooper.	835,939	Nov. 13	2063	440	125	559
Tire wire-fabric tube. Wheel-	W. W. E. Scheck.	828,514	Aug. 14	1659	349-51	123	2110
Tires and other objects exposed to wear. Cover or wearing-surface for wheel-	B. Nedelski.	835,079	Nov. 6	421	84	125	111
Tires. Apparatus for manufacturing wheel-	P. D. Thropp.	822,561	June 5	645	129	122	1868
Tires. Apparatus for vulcanizing rubber.	N. Ahrbim.	826-213	July 17	3103	642-3	123	819
Tires. Composition for sealing punctures in pneumatic	J. E. Noe.	825,930	July 17	2555	.....	123	683
Tires. Compound for sealing punctures in pneumatic.	D. Charleston.	832,841	Oct. 9	1663	.....	124	1652
Tires. Grip-tread for pneumatic.	A. H. Parker, Sr.	817,933	Apr. 17	2767	599	121	2078
Tires. Implement for putting on pneumatic.	P. F. Pilliner.	824,041	June 19	3609	768	122	2620
Tires. Making armored.	V. Gallien.	820,296	May 8	2592	564	122	640
Tires. Manufacturing pneumatic.	A. H. Marks.	836,772	Nov. 27	3747	799	125	1058
Tires. Means for inflating rubber.	A. G. Lavertine and J. E. McMel-	827,926	Aug. 7	460	95	123	1786
Tires. Means for repairing punctures in pneumatic.	H. Harrison.	820,110	May 8	2227	484	122	560
Tires. &c. Mold for rubber.	W. Dunbar.	834,608	Oct. 30	5434	1154	124	2720
Tires. Non-skidding device for.	C. R. Bullard.	808,721	Jan. 2	199	43	120	46
Tires of vehicles. Device for inflating the pneumatic.	C. Nielsen.	839,626	Dec. 25	4650	991	125	2633
Tires on the rims of vehicles. Appliance for putting.	L. G. Morrill.	819,156	May 1	231	49	122	57
Tires. Protecting-cover for pneumatic.	E. Bardou, L. Clerc, and B. Des-	822,177	May 29	6377	1354	122	1654
Tires. Protective cover for pneumatic.	J. Albers.	813,934	Feb. 27	4821	1064	120	2680
Tires. Repair-plug for pneumatic.	R. P. Kinney.	821,041	May 22	4138	879	122	1100
Tires. Safety-valve for pneumatic.	W. S. Arnold.	837,772	Dec. 4	986	221	125	1599
Tires to motor-car and like wheel rims. Means for securing flexible	A. Birchall.	839,098	Dec. 25	3604	779	125	2376
Tires to wheels. Apparatus for applying.	A. R. Le Moon.	811,936	Feb. 6	804	177	120	1653
Tires upon vehicle-wheels. Means for removably attaching	J. C. Schleicher.	831,632	Sept. 25	3481	730	124	969
Titanium with other metals. Combining	F. E. Canda.	813,278	Feb. 20	3496	770	120	2335
Titration apparatus.	R. König.	813,977	Feb. 27	4890	1082	120	2694
Toaster and warming-oven. Combined	M. A. Phelps.	838,053	Dec. 11	1540	331	125	1781
Tobacco-box cover and cutter. Combined	W. F. Dugins.	830,140	Sept. 4	482	97	124	122
Tobacco-box. Pocket.	I. Z. Cohen.	810,720	Jan. 23	4300	893	120	1061
Tobacco-cartridge.	J. O. Lacey.	824,552	June 26	4614	979	122	2893
Tobacco-container.	W. H. Browning.	839,720	Dec. 25	4864	1039	125	2684
Tobacco-curing apparatus.	C. H. Keeney.	815,093	Mar. 13	2183	461	121	530
Tobacco-cutter.	J. W. Sherwood.	828,062	Aug. 7	756	156	123	1858
Tobacco-dipping machine.	R. Bailey.	820,335	May 8	2650	578	122	653
Tobacco-dipping machine.	G. T. Brown, R. L. Williamson, H. J. Parrish, and C. K. Nail.	828,455	Aug. 14	1541	325	123	2079
Tobacco into paper tubes. Machine for filling.	H. Kurkiewicz.	836,769	Nov. 27	3737	796-8	125	1055
Tobacco-leaf sorting and grading machine.	J. W. Stanton.	824,751	July 3	99	20	123	29
Tobacco. Machine for loosening cut-up.	J. Wojciechowski.	817,354	Apr. 10	1597	337	121	1769
Tobacco-moistening apparatus.	H. J. Murphy.	809,576	Jan. 9	1954	406	120	462
Tobacco-package.	J. W. Surbrug.	822,318	June 5	188	37	122	1768
Tobacco-packing machine.	R. L. Patterson.	829,288	Aug. 21	3233	680-3	123	2540
Tobacco-pipe.	J. Moloney.	812,351	Feb. 13	1686	370	120	1910
Tobacco-pipe.	F. M. Holes.	814,045	Mar. 6	91	17	121	21
Tobacco-pipe.	F. A. Stegner.	818,716	Apr. 24	4345	931	121	2471
Tobacco-pipe.	W. F. Dugins.	821,030	May 22	4117	875	122	1096
Tobacco-pipe.	M. L. Spotswood and T. A. Weller.	821,836	May 29	5730	1220	122	1508

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Tobacco-pipe.....	F. A. Stegner.....	823,819	June 19	3182	673	122	2528
Tobacco-pipe.....	A. Boisaubin.....	824,971	July 3	596	119	123	158
Tobacco-pipe.....	N. P. Shulin.....	826,898	July 24	4510	939	123	1191
Tobacco-pipe.....	A. Paysen.....	828,333	Aug. 14	1301	275	123	2017
Tobacco-pipe.....	W. C. Curtis.....	828,464	Aug. 14	1556	329	123	2083
Tobacco-pipe.....	L. Swenson.....	830,864	Sept. 11	1958	411	124	525
Tobacco-pipe.....	R. H. Sherlock.....	832,507	Oct. 2	974	195	124	1446
Tobacco-pipe.....	C. Wolff.....	834,036	Oct. 23	4267	905	124	2381
Tobacco-pipe.....	T. A. Weller and M. L. Spotswood.	834,177	Oct. 23	4579	971	124	2462
Tobacco-pipe.....	W. W. Robertson.....	839,207	Dec. 25	3827	824	125	2430
Tobacco-pipe and tube cleaner.	S. P. Flynn.....	826,717	July 24	4152	863	123	1102
Tobacco-pipe, cigar-holder, and cigarette-holder.	L. Probyn.....	809,325	Jan. 9	1438	291	120	351
Tobacco-pipe cleaner.....	W. M. Kendall.....	819,555	May 1	1021	223	122	230
Tobacco-pipe condenser.....	C. G. Buschow.....	819,513	May 1	948	208	122	212
Tobacco-pipes. Wind-guard for	R. K. Sinclair.....	838,659	Dec. 18	2761	591	125	2125
Tobacco-plants. Implement for deadening.	L. G. Ihrig.....	837,473	Dec. 4	393	90	125	1454
Tobacco-plug holder and cutter. Combined.	J. H. Cobb.....	819,207	May 1	348	74	122	84
Tobacco-press.....	F. A. Bonroe.....	815,790	Mar. 20	3662	770	121	904
Tobacco-sacks. Stopper attachment for.	W. L. Fross.....	835,787	Nov. 13	1790	379	125	496
Tobacco-stripper.....	M. Deiller.....	813,868	Feb. 27	4693	1037-9	120	2654
Tobacco-stripping machine.	J. M. McIntosh.....	809,724	Jan. 9	2251	467-8	120	527
Tobacco-treating machine.	W. M. Schwartz.....	838,361	Dec. 11	2167	470	125	1936
Tobacco. Treatment of.	A. C. and G. Q. Bedortha.	821,919	May 29	5878	1250	122	1541
Tobacco. Treatment of.	A. C. and G. Q. Bedortha.	822,239	June 5	18	4	122	1732
Toe-straightening appliance. Big.	L. W. Litch.....	826,515	July 17	3724	772	123	978
Toggle-hook.....	J. Ashland.....	820,383	May 15	2753	599	122	737
Toilet article.....	H. A. Dorr.....	812,189	Feb. 13	1373	298	120	1839
Toilet article.....	F. A. Steele.....	814,408	Mar. 6	839	173	121	182
Toilet article. Combined.....	A. C. Eggers.....	823,464	June 12	2473	522	122	2314
Toilet articles, &c. Combined frame and handle for.	L. Van Gale.....	814,415	Mar. 6	857	176-7	121	186
Toilet attachment for chairs.	B. M. Suter.....	827,192	July 31	5145	1068	123	1366
Toilet-case.....	H. H. Byrne.....	818,412	Apr. 24	3721	799	121	2337
Toilet-case.....	J. P. Stubblefield.....	818,575	Apr. 24	4051	869	121	2405
Toilet-case.....	W. E. Stumm.....	825,774	July 10	2272	471	123	600
Toilet-tidy.....	F. Bell.....	824,703	July 3	16	2	123	8
Toll-collector.....	H. D. Stroud.....	835,292	Nov. 6	830	172	125	210
Tombstone or monument.	A. H. Howard.....	833,212	Oct. 16	2418	506	124	1888
Tongs.....	G. Kernin.....	812,929	Feb. 20	2813	619	120	2189
Tongs.....	W. H. Markland.....	819,359	May 1	664	140	122	152
Tongs.....	W. C. Felton.....	823,466	June 12	2475	523	122	2314
Tongs.....	J. P. Ogg.....	828,625	Aug. 14	1874	394	123	2166
Tongs.....	W. H. Farnell.....	835,351	Nov. 6	955	203	125	241
Tongs.....	J. Lundquist.....	836,594	Nov. 20	3348	713	125	924
Tongs. Lock-grip grasping-	F. P. Hinds.....	832,317	Oct. 2	607	114	124	1359
Tongue and truck attachment. Binder cross-	C. C. Norman.....	821,054	May 22	4161	885	122	1104
Tongue controller. Wagon-	L. J. Frogard.....	831,661	Sept. 25	3571	749	124	996
Tongue-counterbalancing device.	J. E. Prodee.....	811,168	Jan. 30	5201	1087	120	1289
Tongue-hitch.....	E. A. Johnston.....	831,514	Sept. 18	3222	680-1	124	867
Tongue or shaft support. Vehicle.	J. W. Bobbitt and E. Hayes	818,408	Apr. 24	3715	797	121	2335
Tongue-regulator.....	J. A. Kearney.....	825,602	July 10	1889	399	123	503
Tongue-support.....	J. E. Cronkhite.....	822,434	June 5	389	81	122	1809
Tongue-support.....	E. E. Davis.....	826,922	July 24	4548	946	123	1201
Tongue-support.....	M. L. Johnson.....	836,975	Nov. 27	4163	888	125	1160
Tongue support. Vehicle-	S. Chrisco.....	821,218	May 22	4475	952	122	1173
Tongue support. Vehicle-	C. H. Chapman.....	837,038	Nov. 27	4310	915	125	1196
Tongue-switch.....	E. B. Prior.....	810,433	Jan. 23	3740	770	120	935
Tongue-switch.....	I. K. Dixon.....	826,409	July 17	3463	720	123	906
Tongue-switch.....	G. M. Ervin.....	834,281	Oct. 30	4808	1016-17	124	2564
Tongue-switch.....	R. P. Williams.....	834,432	Oct. 30	5094	1082	124	2634
Tongue-switch.....	F. Nather.....	834,484	Oct. 30	5189	1102	124	2660
Tongue-switch.....	W. C. Wood.....	837,766	Dec. 4	976	220	125	1596
Tongue. Threshing-machine.	W. Farber.....	816,572	Apr. 3	32	9	121	1361
Tongue tip. Vehicle-	J. Larson.....	839,007	Dec. 18	3378	729	125	2274
Tongue. Vehicle-	J. B. Harra.....	832,056	Oct. 2	54	13	124	1226
Tongue. Vehicle-	M. E. Shaw.....	839,518	Dec. 25	4454	949	125	2585
Tool.....	H. A. Smith and W. F. Frenk	809,755	Jan. 9	2302	477	120	539
Tool.....	D. Morris.....	812,067	Feb. 6	1068	233	120	1706
Tool.....	R. Febles.....	813,412	Feb. 27	3786	831	120	2455
Tool.....	J. W. Edmands.....	820,185	May 8	2369	515	122	590
Tool.....	A. Sandall.....	831,477	Sept. 18	3154	668	124	848
Tool.....	G. W. Oneal and J. B. Pearson.	832,804	Oct. 9	1590	326	124	1633
Tool-box.....	F. G. Marbach.....	824,495	June 26	4496	953	122	2868
Tool-chest-carrier attachment.	W. E. Schreffler.....	832,628	Oct. 9	1234	248	124	1550
Tool-clamp. Hydraulic.	R. D. Fildes.....	808,647	Jan. 2	53	11	120	14
Tool. Combination.....	E. J. La Duke and I. G. O'Harra.	809,191	Jan. 2	1121	233	120	247
Tool. Combination.....	J. R. Spicer.....	810,987	Jan. 30	4852	1010	120	1214
Tool. Combination.....	J. D. Barry.....	813,342	Feb. 20	3639	798	120	2364
Tool. Combination.....	R. A. Baggett. (Reissue).	12,458	Feb. 20	3756	825	120	2390
Tool. Combination.....	H. A. Hamilton.....	814,039	Mar. 6	81	15	121	19
Tool. Combination.....	P. L. Robertson.....	815,381	Mar. 20	2837	589-90	121	724
Tool. Combination.....	F. E. Foor.....	815,916	Mar. 20	3923	830-1	121	959
Tool. Combination.....	O. Medhus.....	816,674	Apr. 3	262	61	121	1418
Tool. Combination.....	J. P. McGinnity and E. H. Wink-	820,814	May 15	3619	773	122	926
Tool. Combination.....	ler.						
Tool. Combination.....	T. R. Carlton and J. D. Meadow.	821,155	May 22	4366	929	122	1151
Tool. Combination.....	S. Morkert.....	822,066	May 29	6158	1313	122	1604
Tool. Combination.....	E. Reizenstein.....	822,553	June 5	633	127	122	1866
Tool. Combination.....	J. B. Runner.....	824,264	June 26	4029	862	122	2769
Tool. Combination.....	R. Mason.....	827,167	July 31	5087	1058	123	1351
Tool. Combination.....	J. H. Daniels.....	827,426	July 31	5625	1164	123	1481
Tool. Combination.....	I. E. Vanauken.....	831,583	Sept. 25	3380	710	124	943
Tool. Combination.....	N. C. Christensen.....	832,455	Oct. 2	879	169	124	1423
Tool. Combination.....	C. E. Roth.....	832,814	Oct. 9	1607	330	124	1638
Tool. Combination.....	C. Nielsen.....	832,996	Oct. 9	1963	410	124	1724
Tool. Combination.....	A. S. Aungst.....	834,442	Oct. 30	5112	1085	124	2639
Tool. Combination.....	R. Bartholomäus.....	835,698	Nov. 13	1614	343	125	449

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. G.	Vol.	Page.
Tool. Combination.....	L. S. Loudon.....	836,075	Nov. 13	2292	487	125	615
Tool. Combination.....	S. Rothschild.....	836,711	Nov. 27	3618	771	125	1024
Tool. Combination.....	J. W. Turner.....	837,521	Dec. 4	477	109	125	1475
Tool. Combination.....	T. E. Morriss.....	839,176	Dec. 25	3760	812	125	2416
Tool. Combination.....	C. G. Taylor.....	839,229	Dec. 25	3871	832	125	2442
Tool. Combination hand.....	R. G. Shallenberger.....	816,885	Apr. 3	676	140	121	1508
Tool. Combination military.....	G. H. McMaster.....	825,749	July 10	2226	464	123	589
Tool. Compound.....	O. Matheney.....	820,723	May 15	3422	732	122	881
Tool. Compound.....	W. B. Jones.....	826,579	July 24	3888	806	123	1033
Tool. Convertible machine.....	T. F. Timby.....	836,154	Nov. 20	2484	522	125	714
Tool. Convertible machine.....	T. F. Timby.....	836,657	Nov. 20	3472	741	125	952
Tool. Corrugating.....	J. Blumer.....	837,783	Dec. 4	1004	224	125	1603
Tool. Cutting and punching.....	A. J. Levis.....	824,551	June 26	4613	979	122	2893
Tool. Extension.....	P. O'Reilly and F. G. Freese.....	821,527	May 22	5100	1087	122	1312
Tool. Fluid-pressure-operated.....	C. H. Johnson.....	826,106	July 17	2907	604	123	773
Tool. Hand.....	H. Geisenhoner.....	833,712	Oct. 16	3437	733	124	2133
Tool. Hand-controlled.....	H. A. Clifford.....	814,020	Mar. 6	32	7	121	9
Tool. Hand-controlled.....	F. Heller.....	839,477	Dec. 25	4360	933	125	2562
Tool. Hand-operated.....	H. D. Bartlett.....	821,328	May 22	4699	1001	122	1222
Tool-handle.....	S. E. Foreman.....	811,390	Jan. 30	5626	1178	120	1381
Tool-handle.....	C. C. Lawbaugh.....	825,063	July 3	748	157	123	200
Tool-handle.....	R. H. Shailer.....	826,894	July 24	4500	938	123	1188
Tool-handle protector.....	A. K. Anderson.....	835,149	Nov. 6	556	113	125	141
Tool-holder.....	J. H. Lyons.....	822,006	May 29	6043	1288	122	1578
Tool-holder.....	C. L. Goodrich.....	808,981	Jan. 2	721	156	120	159
Tool-holder.....	B. M. W. Hanson.....	809,257	Jan. 2	1298	264	120	286
Tool-holder.....	P. H. Robinson.....	810,307	Jan. 16	3445	712	120	835
Tool-holder.....	F. P. Miller.....	811,786	Feb. 6	479	103	120	1582
Tool-holder.....	B. Bannister.....	824,275	June 26	4041	865	122	2772
Tool-holder.....	V. Royle.....	824,951	July 3	549	109	123	146
Tool-holder.....	W. A. Garrigus and R. Golling.....	828,026	Aug. 7	679	140-1	123	1839
Tool-holder.....	B. F. Rodes.....	830,176	Sept. 4	547	112	124	139
Tool-holder.....	J. W. and C. O. Lutz.....	835,160	Nov. 6	574	117	125	145
Tool-holder.....	C. J. Fancher.....	836,376	Nov. 20	2927	622	125	823
Tool holder. Motor.....	C. B. Hastings.....	824,480	June 26	4470	947	122	2862
Tool holder. Pneumatic.....	A. E. Knapp.....	824,250	June 26	4006	857-8	122	2764
Tool holding and adjusting device.....	F. W. Waite.....	810,238	Jan. 16	3293	682	120	802
Tool-holding and self-locking attachment.....	E. R. Moras.....	829,081	Aug. 21	2786	587	123	2429
Tool. Motor-driven.....	N. W. Fletcher.....	824,347	June 26	4178	893-4	122	2801
Tool of the hammer type. Combination.....	H. E. E. Molkenhuth.....	812,947	Feb. 20	2856	629	120	2199
Tool operating and holding device.....	W. H. Donnelly.....	835,727	Nov. 13	1666	354	125	464
Tool-operating machines. Holder for rotary.....	C. H. Lawton.....	809,822	Jan. 9	2420	503	120	565
Tool. Pneumatic.....	W. E. Badger.....	810,603	Jan. 23	4087	842	120	1012
Tool. Pneumatic.....	H. Leineweber.....	825,669	July 10	2069	431-2	123	552
Tool. Pneumatic.....	N. W. Fletcher.....	831,272	Sept. 18	2769	584	124	751
Tool. Pneumatic.....	N. W. Fletcher.....	833,710	Oct. 16	3432	731-2	124	2132
Tool. Pneumatic.....	W. Wheeler.....	835,589	Nov. 13	1417	304	125	403
Tool. Pneumatic.....	H. Leineweber.....	837,855	Dec. 4	1140	254	125	1638
Tool. Pneumatic.....	H. A. R. Prindle and J. U. Adolph.....	839,031	Dec. 18	3427	740	125	2987
Tool. Pneumatic.....	N. W. Fletcher.....	839,128	Dec. 25	3666	790	125	2393
Tool-post.....	W. T. Slider.....	821,065	May 22	4189	890	122	1111
Tool. Rotary.....	E. R. Winer and L. Sussman.....	824,322	June 26	4129	884	122	2791
Tool-shank.....	A. Schulze.....	823,640	June 19	2857	604	122	2458
Tool-starting mechanism. Pneumatic.....	R. T. Mickle.....	818,037	Apr. 17	2971	642	121	2122
Tool. Steam.....	C. L. Charvat.....	819,727	May 8	1372	296	122	368
Tool-stock. Pneumatic-motor.....	F. W. Parsons.....	821,960	May 29	5959	1269-70	122	1558
Tool-testing apparatus. Pneumatic.....	R. A. Chambers.....	839,111	Dec. 25	3628	783	125	2382
Tools. Conductor-support for movable.....	J. I. Ayer and G. T. Gilbert.....	839,256	Dec. 25	3919	843	125	2454
Tools. Diamond-fastener for.....	C. D. P. Gibson.....	818,682	Apr. 24	4269	917	121	2454
Tools. Manufacture of composite.....	H. V. Wille.....	830,030	Sept. 4	236	45	124	58
Tools. Portable apparatus for transmitting motion to.....	A. Collet.....	815,066	Mar. 13	2128	448	121	519
Tools. Work-holder for machine.....	C. C. M. Mortensen.....	834,481	Oct. 30	5184	1101	124	2659
Tooth. Artificial.....	R. Brewster.....	832,587	Oct. 9	1146	229	124	1530
Tooth. Artificial.....	J. H. Jackson.....	838,415	Dec. 11	2285	495	125	1965
Tooth attachment. Crown.....	H. H. Schuhman.....	825,940	July 17	2572	535	123	687
Tooth-bar.....	T. O. Berg.....	830,289	Sept. 4	793	162	124	199
Tooth for crowns and bridges. Artificial.....	W. B. Short.....	825,356	July 10	1334	282	123	366
Tooth-mold.....	E. Pierrepont.....	815,374	Mar. 20	2818	586-7	121	719
Tooth-powder can.....	J. E. Lee.....	829,275	Aug. 21	3211	675	123	2535
Tooth-shade guide.....	A. W. Browne.....	825,578	July 10	1837	390	123	491
Tooth-spreader.....	J. E. Herman.....	819,136	May 1	199	41	122	51
Toothed element. Flexible.....	F. Hutchins.....	820,789	May 15	3544	760	122	910
Toothpick.....	A. E. Lickman.....	817,978	Apr. 17	2853	618	121	2097
Toothpick and forming same.....	H. S. Hopper.....	815,534	Mar. 20	3127	654	121	789
Toothpick-holder.....	W. Loewen.....	810,954	Jan. 30	4791	996	120	1201
Toothpicks. Apparatus for the manufacture of.....	H. S. Hopper.....	808,841	Jan. 2	423	93	120	94
Toothpicks from veneer strips. Cutter for cutting.....	G. P. Stanley.....	812,895	Feb. 20	2743	604	120	2173
Toothpicks. Mechanism for cutting wooden.....	J. M. Rounds.....	830,852	Sept. 11	1939	407	124	520
Top.....	J. W. Grattan.....	808,918	Jan. 2	587	129	120	129
Top for games. Double.....	G. Philippart.....	822,628	June 5	804	163	122	1904
Top-roll saddle.....	G. L. Pierce.....	812,875	Feb. 20	2708	597	120	2165
Top. Spinning.....	W. Whitfield.....	814,818	Mar. 13	1656	347	121	421
Top. Spinning.....	E. T. Jones.....	815,591	Mar. 20	3220	677	121	809
Top. Spinning.....	H. O. Costello.....	821,341	May 22	4739	1008	122	1235
Top. Spinning.....	M. L. Powers.....	823,809	June 19	3165	669	122	2525
Top. Spinning.....	V. L. Békéfi.....	836,958	Nov. 27	4135	882	125	1153
Top. Spinning.....	L. A. Massette.....	837,316	Dec. 4	77	21	125	1373
Top-spinning pistol.....	J. W. Elbra.....	832,960	Oct. 9	1895	394	124	1707
Torch and soldering-iron. Combined hand.....	E. Block.....	816,425	Mar. 27	4981	1057	121	1238
Torch. Marine.....	J. D. Graham.....	816,160	Mar. 27	4423	936	121	1121
Torch. Signaling.....	T. G. Hitt.....	836,381	Nov. 20	2945	623	125	826
Torches. Protector for igniting material in signal.....	R. M. Clark and J. G. Bennett.....	836,563	Nov. 20	3299	703	125	912
Torpedo.....	W. E. Matthew.....	825,229	July 3	1076	227	128	281
Torpedo applicator. Railway.....	P. F. Sullivan.....	830,622	Sept. 11	1477	306	124	396
Torpedo. Automobile.....	T. H. Wheless.....	818,987	Apr. 24	4867	1045-6	121	2584

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Torpedo. Automobile.	F. M. Leavitt.	838,162	Dec. 25	3735	806	125	2411
Torpedo conveying and launching apparatus.	T. H. Wheless.	815,393	Mar. 20	2860	594-6	121	729
Torpedo-expulsion valve.	J. Barraja-Frauenfelder.	822,500	June 5	524	107	122	1841
Torpedo. Fibrous plastic railway.	F. Dutcher.	812,027	Feb. 6	1006	220	120	1693
Torpedo guard. Marine.	J. Neumaier.	808,942	Jan. 2	631	137-8	120	139
Torpedo ignition device. Automobile.	F. M. Leavitt.	825,914	July 17	2516	524	123	670
Torpedo machine. Railway.	F. Dutcher.	830,420	Sept. 4	1053	219	124	260
Torpedo-placer.	W. D. Jackson.	835,434	Nov. 6	1130	244	125	284
Torpedo. Railway.	A. H. Knapp.	838,548	Dec. 18	2543	550	125	2072
Torpedo. Railway signal.	F. Dutcher.	815,079	Mar. 13	2152	454	121	524
Torpedo. Railway signal.	F. Dutcher and P. Peter.	823,998	June 19	3533	754	122	2605
Torpedo-setting device.	H. A. Beale.	811,472	Jan. 30	5765	1207	120	1409
Torpedo-setting mechanism.	C. L. Chamberlain.	835,097	Nov. 6	451	92	125	118
Torpedo. Signal.	F. Dutcher.	825,201	July 3	1020	216	123	266
Torpedo-steering apparatus. Automobile.	F. M. Leavitt.	839,161	Dec. 25	3730	805-6	125	2410
Torpedo-tube cap. Revolving.	H. E. Grieshaber.	820,925	May 15	3874	825	122	981
Torpedo. Track.	W. D. Jackson.	824,019	June 19	3566	761	122	2611
Torpedo. Track.	W. D. Jackson.	824,020	June 19	3567	761	122	2611
Torpedoes. Automatic system for balancing and controlling.	T. Gibon.	825,881	July 10	2458	513	123	645
Torpedoes on vessels. Means for carrying and handling.	T. J. Moriarty.	818,390	Apr. 17	3667	787-9	121	2261
Torpedoes, &c. Propelling charge for air.	W. T. Unge.	826,293	July 17	3246	671	123	854
Torpedoes. Retarding device for automobile.	F. M. Leavitt.	816,019	Mar. 27	4130	875	121	1057
Torpedoes. Valve attachment for.	E. Niehoff.	820,888	May 15	3796	810	122	963
Torsion-indicator.	H. Föttinger.	828,731	Aug. 14	2085	439-40	123	2219
Tow-brakes, &c. Feeder for.	T. Hohaus.	828,403	Aug. 14	1427	301-2	123	2050
Towel-cabinet.	H. C. Wheeler.	825,436	July 10	1535	317	123	418
Towel holder or cabinet.	H. C. McDonald.	828,566	Aug. 14	1765	371	123	2138
Towel or dish-cloth holder.	J. W. Brown.	823,029	June 12	1603	332	122	2127
Towel-rack. Adjustable.	A. N. Johnson.	826,430	July 17	3503	729	123	917
Towel-rack. Roller.	J. C. Christen, J. Orgeich, and C. Born.	822,346	June 5	242	50	122	1779
Towel-wringing device. Hot.	J. Girard.	822,733	June 5	1013	207	122	1951
Tower-cap.	F. T. Zimmermann.	814,106	Mar. 6	205	41	121	45
Tower structure. Skeleton.	R. L. Allen.	818,511	Apr. 24	3917	843	121	2377
Tower. Transmission.	D. R. Scholes.	821,126	May 22	4308	917	122	1136
Tower. Transmission.	D. R. Scholes.	836,836	Nov. 27	3875	826	125	1092
Towers. Anchor for skeleton.	D. R. Scholes.	836,465	Nov. 20	3113	660	125	866
Toy.	F. W. Carpenter.	809,092	Jan. 2	945	196-7	120	209
Toy.	I. N. Phipps.	809,270	Jan. 2	1322	269	120	291
Toy.	R. E. King.	811,510	Jan. 30	5835	1222	120	1423
Toy.	I. Kinman.	813,306	Feb. 20	3564	784	120	2350
Toy.	C. V. Linderman and C. W. Corson.	814,463	Mar. 6	937	192	121	204
Toy.	Z. A. Curtis.	815,410	Mar. 20	2906	603	121	740
Toy.	W. D. Winger.	815,667	Mar. 20	3381	707	121	845
Toy.	M. L. Harding and A. I. Hoxworth.	817,316	Apr. 10	1524	320	121	1752
Toy.	H. E. Coates.	817,549	Apr. 10	1997	421	121	1853
Toy.	C. W. Lanyon.	818,102	Apr. 17	3087	666	121	2146
Toy.	J. Ungerman.	818,132	Apr. 17	3150	678	121	2160
Toy.	J. R. Criste.	820,182	May 8	2363	513	122	588
Toy.	E. J. Noble.	820,819	May 15	3632	775	122	928
Toy.	S. M. Hall.	820,863	May 15	3730	793	122	947
Toy.	R. G. Dashiell.	821,468	May 22	4995	1062	122	1290
Toy.	W. C. Coryell.	822,188	May 29	6399	1359	122	1659
Toy.	P. J. Fahrne.	822,198	May 29	6412	1361	122	1663
Toy.	W. F. Stellner.	823,143	June 12	1843	380	122	2177
Toy.	J. Chein.	823,713	June 19	2984	632	122	2485
Toy.	W. L. Van Horn.	825,873	July 10	2446	510	123	642
Toy.	W. S. Cooper.	828,196	Aug. 7	996	207	123	1915
Toy.	R. F. Ayers and E. Keen.	828,995	Aug. 21	2609	550	123	2381
Toy.	F. E. Roberts.	830,007	Sept. 4	189	33	124	46
Toy.	C. Ewing.	830,774	Sept. 11	1802	373	124	484
Toy.	W. D. Groesbeck.	830,783	Sept. 11	1813	376	124	486
Toy.	C. W. Townsend.	831,907	Sept. 25	4072	849	124	1122
Toy.	C. J. Dorsey.	833,157	Oct. 16	2285	480	124	1853
Toy.	H. Liebreich and L. D. Lothrop.	833,610	Oct. 16	3243	689	124	2089
Toy.	E. C. Reiter.	834,077	Oct. 23	4357	926	124	2402
Toy.	P. McMahon.	835,550	Nov. 13	1340	288	125	382
Toy.	L. H. Pfeighardt.	836,050	Nov. 13	2239	479	125	602
Toy.	E. H. Holden.	836,257	Nov. 20	2707	576	125	770
Toy.	W. V. Gilbert.	837,216	Nov. 27	4635	985-6	125	1276
Toy.	E. L. Curial.	838,305	Dec. 11	2069	447	125	1911
Toy.	O. K. Truitt.	838,759	Dec. 18	2932	632	125	2167
Toy.	E. Kinnelbrew.	838,866	Dec. 18	3139	676	125	2218
Toy.	P. Hahn.	839,138	Dec. 25	3690	795	125	2400
Toy.	C. Hoffman.	839,145	Dec. 25	3700	798	125	2402
Toy.	G. Kalkbrenner.	839,770	Dec. 25	4956	1058	125	2708
Toy. Aeronautic.	E. L. Brillhart.	833,504	Oct. 16	3027	642	124	2037
Toy bank.	C. A. Bailey.	815,935	Mar. 27	3957	838	121	1019
Toy building-block.	J. B. Given.	814,367	Mar. 6	747	150	121	165
Toy cannon.	J. E. Weaver.	809,414	Jan. 9	1643	338	120	394
Toy car.	F. V. Bartlett.	815,504	Mar. 20	3064	638	121	775
Toy catapult.	R. S. Hill.	829,473	Aug. 28	3649	771	123	2690
Toy cooking-range.	F. G. Nicolaus.	826,598	July 24	3923	813-14	123	1043
Toy. Dancing.	R. Helmer.	817,772	Apr. 17	2417	517	121	1999
Toy. Dancing.	W. J. Husted.	832,196	Oct. 2	363	67	124	1300
Toy. Detonating.	M. Rutter.	819,928	May 8	1775	382-3	122	461
Toy. Explosive.	G. A. Oberg.	826,110	July 17	2914	605	123	775
Toy Figure.	W. V. Gilbert.	837,217	Nov. 27	4640	986	125	1278
Toy fish-tank.	E. T. Sulzer.	819,468	May 1	870	188-9	122	195
Toy. Flying.	L. B. Matteson.	811,784	Feb. 6	477	102	120	1588
Toy. Flying.	L. Lewkowicz.	829,660	Aug. 28	4030	853	123	2784
Toy for baby or doll carriages. Rotary.	W. Saxon.	813,391	Feb. 20	3731	820	120	2384

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Toy gun.	D. B. Hoffman.	838,330	Dec. 11	2117	457	125	1924
Toy guns and similar toys. Box for holding.	P. R. Warren.	812,535	Feb. 13	2049	449	120	1985
Toy-hanger. Flexible.	H. F. Bartlett.	810,900	Jan. 30	4670	973	120	1173
Toy house.	H. J. Sonder.	828,904	Aug. 21	2436	517	123	2338
Toy. Inflatable.	C. A. Lindsay.	816,106	Mar. 27	4311	913	121	1097
Toy. Locomotive.	D. P. Clark.	837,040	Nov. 27	4313	916	125	1197
Toy marine vessel.	B. C. Dean.	833,511	Oct. 16	3039	645	124	2039
Toy. Mechanical.	R. Helmer.	817,771	Apr. 17	2414	517	121	1998
Toy. Mechanical.	A. W. Pocock.	818,555	Apr. 24	4013	860-1	121	2397
Toy. Mechanical.	C. A. Lewis.	823,882	June 19	3300	701	122	2556
Toy. Mechanical.	H. C. Murray.	837,868	Dec. 4	1171	259	125	1645
Toy. Mechanical and magnetic.	H. Cottrell.	813,082	Feb. 20	3120	684	120	2256
Toy. Mechanical detonating.	W. H. Johnson.	821,942	May 29	5926	1251	122	1552
Toy motor-vehicle.	G. O. Hawke.	819,653	May 1	1211	265	122	272
Toy. Musical.	A. C. Fechtig.	819,051	May 1	31	7	122	10
Toy or display device.	R. H. Hartley.	812,651	Feb. 13	2279	496	120	2028
Toy or educational device.	F. Hornby.	810,148	Jan. 16	3099	640	120	762
Toy or toy wagon.	E. C. Seereiter.	836,538	Nov. 20	3255	692-3	125	901
Toy packing and supporting device.	C. W. Beiser.	834,452	Oct. 30	5127	1089	124	2644
Toy pistol.	F. M. Ball.	808,621	Jan. 2	8	2	120	4
Toy pistol.	L. H. Hinaman.	809,059	Jan. 2	860	182	120	190
Toy pistol.	C. Tait.	812,613	Feb. 13	2206	480	120	2014
Toy railway and telegraph-pole.	E. R. Ives.	823,947	June 19	3429	732	122	2583
Toy railway. Elevated.	W. A. Lee.	837,480	Dec. 4	403	92	125	1457
Toy-railway gate.	E. R. Ives.	831,285	Sept. 18	2802	591	124	760
Toy-railway rolling-stock.	A. Schütze.	819,812	May 8	1555	331	122	410
Toy-railway switch.	A. Huck.	826,250	July 17	3164	656	123	832
Toy. Sounding.	G. J. Seiss.	820,893	July 24	4499	437	123	1188
Toy top.	J. A. Irving.	814,962	Mar. 13	1907	401	121	471
Toy. Transformation.	F. B. Metzger.	839,400	Dec. 25	4195	898	125	2522
Toy wagon.	W. Slattery.	839,660	Dec. 25	4738	1012	125	2652
Toy whip.	W. F. Simon.	811,964	Feb. 6	895	190	120	1665
Toy whistle.	C. O. Wartel.	831,392	Sept. 18	2995	636	124	808
Trace.	J. Anderson.	823,061	June 19	2896	613	122	2468
Trace.	S. Shisler.	828,578	Aug. 14	1789	377	123	2144
Trace.	S. Shisler.	833,757	Oct. 23	3515	750	124	2200
Trace-carrier.	J. H. Wilson.	812,909	Feb. 20	2770	610	120	2179
Trace-carrier.	A. M. Craig.	823,159	June 12	1871	387	122	2183
Trace-carrier.	H. H. Wachter.	837,013	Nov. 27	4251	905	125	1181
Trace-carrier.	J. W. Falkner and H. M. Foust.	837,817	Dec. 4	1065	238	125	1618
Trace connection.	J. T. Bressler.	830,877	Sept. 11	1978	416	124	530
Trace-connector.	R. J. Lay.	826,947	July 24	4582	954	123	1210
Trace-fastener.	W. N. Crisp.	819,981	May 8	1927	426	122	490
Trace-fastener.	H. P. Monserud.	824,372	June 26	4236	903	122	2812
Trace-fastener.	J. F. Harris.	830,712	Sept. 11	1683	346	124	454
Trace-fastener.	L. L. Lent.	835,962	Nov. 13	2099	449	125	567
Trace-fastening.	P. M. Lossing.	832,070	Oct. 2	78	18	124	1231
Trace. Harness.	S. Shisler.	833,756	Oct. 23	3513	749	124	2199
Trace-holder.	R. E. Gruwell and A. Wiebke.	815,423	Mar. 20	2927	607	121	746
Trace-holder.	F. J. Fisk.	833,876	Oct. 23	3807	808	124	2272
Trace-holder.	G. Laube.	838,869	Dec. 18	3143	677	125	2219
Trace-holder.	G. Laube.	838,872	Dec. 18	3146	678	125	2219
Trace-holder.	G. Laube.	838,873	Dec. 18	3147	678	125	2220
Trace-holder.	G. Laube.	839,008	Dec. 18	3380	729	125	2274
Trace-holder for swingletrees.	G. Laube.	838,871	Dec. 18	3145	678	125	2219
Trace-hook.	F. Wendler.	828,587	Aug. 14	1803	380	123	2147
Trace-tightener.	G. S. Davey.	813,866	Feb. 27	4687	1036	120	2653
Tracing-cloth mangle.	W. B. Waechter.	824,455	June 26	4414	937-8	122	2849
Track.	H. L. Ferris.	837,819	Dec. 4	1069	238	125	1619
Track-anchor.	G. H. Miller.	835,910	Nov. 13	2013	428	125	547
Track-brake.	J. M. Cook, Jr.	816,531	Mar. 27	5187	1100-1	121	1285
Track-brake.	T. W. Fitch, Jr.	823,772	June 19	3099	656-7	122	2509
Track-cleaner.	W. A. McNair.	829,418	Aug. 28	3501	735	123	2653
Track-cleaner.	C. A. Madison.	834,529	Oct. 30	5271	1120	124	2682
Track-cleaner.	W. E. Knowlton.	824,183	June 26	3860	823	122	2734
Track-clearing device.	C. C. Batter.	816,208	Mar. 27	4515	958	121	1140
Track-coupling.	A. P. Boyer.	833,195	Oct. 16	2377	497	124	1877
Track-crossing.	W. Yeatts.	831,917	Sept. 25	4088	852	124	1126
Track. Elevated.	W. A. Law.	826,673	July 24	4068	843	123	1082
Track extension.	W. J. Cocklin.	831,709	Sept. 25	3870	768	124	1023
Track-fastener.	C. L. Durboraw.	814,525	Mar. 6	1057	218	121	229
Track-fastener.	C. H. Tibbetts.	836,617	Nov. 20	3388	722	125	932
Track-fastening.	R. W. Tate.	831,196	Sept. 18	2612	550	124	709
Track-fastening.	F. J. and E. L. McGuire.	838,738	Dec. 18	2892	622	125	2157
Track gage, level, and alining apparatus. Combination.	E. A. Brown.	830,640	Sept. 11	1522	314	124	409
Track-inspector. Automatic.	T. Ellis and G. H. Purvis.	824,536	June 26	4578	973-4	122	2886
Track-laying apparatus. Portable self.	E. O. Rood.	830,851	Sept. 11	1937	406-7	124	520
Track-laying machine.	C. O. Wescott.	825,366	July 10	1357	286	123	371
Track-laying machine.	C. O. Wescott and F. P. Roberts.	831,757	Sept. 25	3742	783	124	1040
Track-laying machine.	T. M. Garver.	833,038	Oct. 9	2035	429	124	1741
Track-liner.	P. Wulff and E. Ham.	827,491	July 31	5808	1204	123	1525
Track or trolley wire. Adjustable.	W. Hills.	813,295	Feb. 20	3540	780	120	2345
Track or way.	H. F. Keil.	809,697	Jan. 9	2202	456	120	516
Track-sander.	F. B. Corey.	827,294	July 31	5328	1104	123	1408
Track-sander.	F. B. Corey.	834,108	Oct. 23	4428	940	124	2421
Track-sander and brake-shoe.	E. E. Keefe.	819,762	May 8	1447	309-10	122	384
Track-sanding apparatus.	F. W. Wittkowski.	808,797	Jan. 2	349	75	120	78
Track-sanding apparatus.	B. D. Willits.	814,256	Mar. 6	502	104	121	108
Track-sanding apparatus.	N. B. Dodge.	836,870	Nov. 27	3929	839	125	1105
Track-sanding device.	F. Bason.	820,340	May 8	2662	580	122	656
Track-sanding device.	A. G. Zamel.	824,461	June 26	4435	941	122	2854
Track-sanding device. Street-railway.	D. Hogan.	824,115	June 26	3733	797	122	2706
Track-switch.	E. J. Shofner.	825,617	July 10	1923	123	123	511
Traction apparatus.	N. Hiss and H. G. De Buren.	810,941	Jan. 30	4769	992	120	1196
Traction device.	T. W. Lingard.	834,740	Oct. 30	5587	1307	124	2786

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Traction-engine.....	L. O. and F. B. Smith.....	808,878	Jan. 2	500	109	120	113
Traction-engine.....	M. W. Kouns.....	809,189	Jan. 2	1115	232-3	120	246
Traction-engine.....	A. G. Kern.....	811,641	Feb. 6	213	45	120	1531
Traction-engine.....	W. S. Kelley.....	812,137	Feb. 6	1196	262-3	120	1733
Traction-engine.....	C. O. Heggem.....	819,226	May 1	385	81-2	122	91
Traction-engine.....	G. Cuff.....	825,520	July 10	1719	361-2	123	462
Traction-engine.....	L. G. Dix.....	828,097	Aug. 7	825	171	123	1875
Traction-engine.....	D. B. Arnold.....	832,028	Oct. 2	3	1	124	1213
Traction-engine.....	A. E. Wolcott.....	832,518	Oct. 2	989	199-200	124	1450
Traction-engine.....	O. J. Easton.....	839,277	Dec. 25	3964	851-2	125	2464
Traction-engine and elevating-grader. Combined.....	H. A. Clapp.....	834,455	Oct. 30	5133	1090	124	2645
Traction-increasing mechanism.....	F. L. Sheldon.....	816,505	Mar. 27	5133	1088	121	1271
Traction system. Electric.....	J. P. Gorman, Jr.....	813,287	Feb. 20	3522	776	120	2341
Traction-wheel.....	M. Lafever and W. Gregory.....	809,266	Jan. 2	1312	267	120	289
Traction-wheel.....	F. E. Knight.....	812,502	Feb. 13	1975	433-4	120	1968
Traction-wheel.....	E. F. Piper.....	815,633	Mar. 20	3314	694	121	830
Traction-wheel.....	J. Sweeney.....	836,225	Nov. 20	2625	552	125	750
Trailing fender.....	E. G. Solomon.....	808,783	Jan. 2	328	70	120	73
Train air-pipes. Coupling-section for.....	W. J. Hofstatter.....	810,863	Jan. 23	4565	950	120	1118
Train-control system.....	G. H. Hill.....	815,826	Mar. 20	3737	786-7	121	920
Train-control system.....	A. Sundh.....	823,196	June 12	1959	407-9	122	2204
Train-control system.....	C. E. Lord.....	836,981	Nov. 27	4174	889-90	125	1163
Train-control system. Pneumatic.....	J. B. Linn.....	809,707	Jan. 9	2218	460-1	120	519
Train-controlling apparatus. Block-signal.....	G. W. Johnston.....	814,963	Mar. 13	1908	401	121	472
Train-controlling device.....	J. C. Hardenbergh.....	813,887	Feb. 27	4726	1045	120	2661
Train-despatcher's order-box.....	D. O. Stinson.....	819,945	May 8	1810	391-2	122	468
Train despatching and recording system.....	P. J. Simmen.....	824,887	July 3	421	81	123	115
Train-order-holding device.....	A. E. Williams.....	815,500	Mar. 20	3055	637	121	773
Train-reporting system. Automatic.....	E. E. Steiner.....	820,529	May 15	3072	661	122	806
Train-reporting system. Automatic intercommuni- cating.....	E. E. Steiner.....	817,281	Apr. 10	1464	307	121	1740
Train-signal.....	G. D. Watson.....	839,683	Dec. 25	4775	1021	125	2662
Train-stopping apparatus.....	J. H. King.....	823,281	June 12	2145	448	122	2245
Train-stopping means.....	E. Renaud.....	815,637	Mar. 20	3323	696	121	832
Train-ventilating apparatus.....	J. A. Shires.....	839,658	Dec. 25	4732	1011-12	125	2651
Train-wrecks. Electric apparatus for preventing.....	C. Del Campo.....	826,231	July 17	3134	651	123	825
Trains. Combined mechanical and electric motive power for.....	G. G. Schroeder.....	831,244	Sept. 18	2706	569-70	124	734
Trains. Device for transporting passengers to and from moving.....	F. S. See.....	822,777	June 5	1082	223	122	1965
Trains. Sewerage system for.....	J. H. Mettenheimer and W. L. Herblin.....	809,070	Jan. 2	876	186	120	194
Trammel.....	J. F. Hottman.....	813,095	Feb. 20	3142	688	120	2260
Tramway. Aerial.....	R. C. Self.....	813,745	Feb. 27	4432	977-8	120	2597
Tramway. Aerial.....	G. G. Schroeder.....	836,995	Nov. 27	4212	896-7	125	1172
Tramway. Aerial.....	F. I. Nelson.....	839,024	Dec. 18	3412	736-7	125	2283
Tramway bucket and rope clip.....	B. C. Riblet.....	814,622	Mar. 6	1236	261	121	267
Tramway. Elevated electric.....	G. G. Schroeder.....	836,405	Nov. 20	2992	634-5	125	837
Tramway-line and railway-line at level-crossings.....	W. J. Hollicr.....	822,606	June 5	758	153-4	122	1895
Tramway-point.....	W. Kneen.....	822,055	May 29	6137	1307-8	122	1599
Tramway-switch.....	O. C. N. Gundersen.....	813,091	Feb. 20	3136	687	120	2259
Tramways and the like. Point mechanism for.....	E. Lawrence.....	837,312	Dec. 4	72	19-20	125	1372
Tramways. Means for operating the switches, frogs, and signals of electric.....	L. Atkinson.....	835,006	Nov. 6	255	55-6	125	67
Tramways. Traction-rope grip for aerial.....	K. Streitzig.....	831,309	Sept. 18	2848	604	124	772
Transfer-press.....	J. R. Hill.....	813,795	Feb. 27	4530	1000-2	120	2618
Transfer-press.....	G. White.....	819,829	May 8	1591	338-9	122	419
Transfer-press.....	G. White.....	821,911	May 29	5863	1246-7	122	1538
Transfer-press and attachments therefor.....	B. Smith.....	811,672	Feb. 6	270	59-60	120	1544
Transfer-table.....	F. S. Edinger.....	835,015	Nov. 6	272	60-1	125	71
Transferring apparatus.....	A. M. Cathey.....	812,638	Feb. 13	2255	490	120	2023
Transformer.....	J. J. Frank.....	808,740	Jan. 2	237	51	120	54
Transformer.....	W. S. Moody.....	815,729	Mar. 20	3519	739-40	121	874
Transformer.....	C. A. Lohr.....	817,926	Apr. 17	2753	596	121	2076
Transformer.....	W. S. Moody.....	822,293	June 5	138	27	122	1759
Transformer.....	L. M. Schmidt.....	826,283	July 17	3221	667	123	846
Transformer.....	F. Conrad.....	829,572	Aug. 28	3853	817-18	123	2740
Transformer.....	W. A. Hall.....	829,780	Aug. 28	4298	908	123	2848
Transformer.....	J. J. Frank.....	833,207	Oct. 16	2408	504-5	124	1885
Transformer.....	C. E. Lord.....	834,148	Oct. 23	4523	960	124	2448
Transformer.....	L. C. Nichols.....	834,160	Oct. 23	4544	964	124	2453
Transformer.....	H. Heinicke.....	835,023	Nov. 6	298	64	125	77
Transformer. Electric.....	M. O. Troy.....	815,765	Mar. 20	3612	758-9	121	894
Transformer for cautery and diagnostic work. Va- riable-voltage electric.....	E. H. Rollinson.....	815,863	Mar. 20	3827	810	121	938
Transformer having the windings for one phase in- operative. Operating a multiphase.....	W. S. Moody.....	821,521	May 22	5090	1084	122	1309
Transformer. Regulating.....	H. J. Blakelee.....	808,718	Jan. 2	194	42	120	45
Transit instrument. Universal.....	D. W. Brunton.....	837,791	Dec. 4	1019	227	125	1606
Transmission element. Frictional.....	P. Sechiari.....	816,388	Mar. 27	4914	1043	121	1225
Transmission-lines. Safety system for high-tension.....	J. D. Hilliard, Jr.....	833,211	Oct. 16	2416	506	124	1887
Transmission mechanism.....	E. Nelson.....	818,845	Apr. 24	4608	988-9	121	2527
Transmission mechanism.....	R. A. Reynolds and W. E. Bee.....	831,523	Sept. 18	3247	685	124	873
Transmission mechanism.....	J. Henrikson.....	833,833	Oct. 23	3704	789	124	2245
Transmission mechanism.....	A. N. Manross.....	838,259	Dec. 11	1994	427	125	1893
Transmitter-arm.....	H. L. Knight.....	823,336	June 12	2244	468	122	2266
Transmitter-support.....	S. A. Beyland.....	823,579	June 19	2734	579	122	2429
Transmitting apparatus.....	H. Shoemaker.....	834,497	Oct. 30	5217	1108	124	2667
Transmitting mechanism.....	J. E. Bissell.....	838,765	Dec. 18	2946	635	125	2169
Transom, draft-sill, and dead-wood. Combination cast-steel.....	P. M. Kilroy.....	824,124	June 26	3744	799	122	2708
Transom-lifter.....	C. Rosenheim and G. Mombel.....	834,410	Oct. 30	5060	1072-3	124	2626
Transom or sash holder.....	C. Schuette.....	836,996	Nov. 27	4214	897	125	1172
Transparent screen.....	J. C. Wood.....	830,398	Sept. 4	1012	212	124	250
Transplanter.....	W. Fetzer.....	812,556	Feb. 13	2103	461	120	1995
Transplanter.....	R. S. Thornton.....	837,977	Dec. 11	1390	303	125	1742

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Transplanter.....	L. Miller.....	838,199	Dec. 11	1860	398	125	1863
Transplanter. Tobacco self.....	A. C. Urdahl.....	818,586	Apr. 24	4068	873-4	121	2409
Transplanting device.....	R. D. Kline.....	816,236	Mar. 27	4563	971	121	1150
Transport by monorail and autocar. Combined system of.....	R. Snyers.....	825,495	July 10	1668	348-9	123	451
Transporting and heat-interchanging appliance.....	E. R. Besemfelder.....	817,101	Apr. 3	1080	224-5	121	1598
Transporting apparatus. Automatic.....	M. R. and D. C. Seaman.....	825,246	July 3	1105	234-5	123	288
Transporting device. Automatic.....	W. C. Carr.....	831,263	Sept. 18	2750	579-80	124	745
Transporting solids. Apparatus and method for.....	W. T. Donnelly.....	827,296	July 31	5330	1104-5	123	1409
Transporting system.....	J. Whiteford.....	835,590	Nov. 13	1420	304	125	403
Trap:							
See Amalgam-trap. Non-siphoning trap.							
Animal-trap. Oil-trap.							
Animal or fish trap. Plumber's trap.							
Backwater-trap. Quail-trap.							
Boiler-trap. Rat-trap.							
Coil-spring trap. Rat, bird, and rabbit trap.							
Crustacea-trap. Roach-trap.							
Drainage-trap. Sewer-gas trap.							
Drum-trap. Sewer-pipe back-pressure trap.							
Dynamic trap. Spark and cinder trap.							
Fish-trap. Steam-trap.							
Float-trap. Fly-trap.							
Hog-trap. Target-trap.							
Insect-trap. Target-throwing trap.							
Insecticide-trap. Vacuum-trap.							
Liquid-trap. Water-trap.							
Mouse-trap. Water-seal trap.							
Mouse and rat trap. Waste-trap.							
Non-siphon trap. Wire choker-trap.							
Trap.....	C. Spinler.....	809,148	Jan. 2	1040	215	120	228
Trap.....	J. E. Pittman.....	812,522	Feb. 13	2023	443	120	1979
Trap.....	E. L. Flint.....	814,527	Mar. 6	1060	218-19	121	230
Trap.....	E. J. Ryan.....	817,006	Apr. 3	919	189-90	121	1562
Trap.....	W. E. Werd.....	817,601	Apr. 10	2087	441	121	1871
Trap.....	J. D. Walker.....	820,686	May 15	3354	718	122	864
Trap.....	C. A. Murphy.....	822,543	June 5	607	122	122	1860
Trap.....	J. E. Bonser.....	828,595	Aug. 14	1818	383	123	2151
Trap.....	T. A. Barry.....	830,284	Sept. 4	785	160-1	124	197
Trap.....	E. M. Streeter.....	830,381	Sept. 4	977	203	124	241
Trap.....	C. Christianson.....	831,929	Sept. 25	4110	857	124	1132
Trap.....	J. A. Mathewson.....	832,142	Oct. 2	253	48	124	1274
Trap.....	W. R. Fine.....	834,465	Oct. 30	5152	1094	124	2650
Trap.....	J. P. Sandefur.....	834,495	Oct. 30	5214	1107-8	124	2666
Trap.....	O. S. Underwood.....	834,539	Oct. 30	5287	1123-4	124	2685
Trap-door.....	A. C. Preble.....	825,613	July 10	1912	405	123	508
Trap-door, skylight, and roof-ventilator.....	F. Lyster.....	835,966	Nov. 13	2104	451	125	568
Trap or valve for draining heating systems. Automatic.....	J. H. Davis.....	809,786	Jan. 9	2365	488	120	553
Trapping rabbits and other animals. Means and apparatus for.....	W. Strawbridge.....	821,199	May 22	4444	946	122	1167
Traversing mechanism.....	W. E. Magie.....	809,454	Jan. 9	1723	355	120	412
Traversing mechanism.....	S. L. G. Knox.....	811,230	Jan. 30	5329	1113	120	1317
Tray.....	J. B. Arthur.....	834,037	Oct. 23	4268	905	124	2382
Tray-folding machine.....	J. H. and J. H. Birch.....	830,294	Sept. 4	798	163	124	200
Tray-folding machine. Box.....	J. P. Wright.....	830,032	Sept. 4	242	47-8	124	60
Tray for glasses.....	D. H. Allen.....	817,148	Apr. 10	1185	245	121	1683
Tray for glasses.....	D. H. Allen.....	817,149	Apr. 10	1186	245	121	1683
Trap for sinks, bath-tubs, and the like.....	A. Savard.....	814,481	Mar. 6	976	200	121	212
Tray-support.....	F. L. Demartini.....	817,301	Apr. 10	1498	314	121	1747
Tread. Antislipping.....	H. F. Livermore.....	824,994	July 3	636	128	123	167
Tread. Safety.....	T. P. Farmer.....	838,247	Dec. 11	1974	422	125	1888
Treadle. Removable machine.....	S. D. Bachand.....	830,818	Sept. 11	1874	390	124	502
Tree:							
See Boot and shoe tree. Shoe-tree.							
Saddletree.							
Tree. Artificial.....	E. C. Leonard.....	835,445	Nov. 6	1146	247	125	288
Tree-digger. Nursery.....	D. Feigly.....	815,901	Mar. 20	3898	825	121	954
Tree-felling apparatus.....	E. L. Freese.....	839,466	Dec. 25	4336	926	125	2556
Tree-felling apparatus. Large.....	E. L. Freese.....	839,464	Dec. 25	4332	925-6	125	2555
Tree-protecting attachment for agricultural implements.....	A. W. Ralph.....	820,734	May 15	3445	738	122	887
Tree-protector.....	A. C. Garrison.....	818,678	Apr. 24	4264	916	121	2453
Trees. Balling device for transplanting.....	H. Uffmann.....	835,585	Nov. 13	1412	303	125	401
Trees. Device for nourishing and strengthening the growth of.....	A. Osborne.....	831,678	Sept. 25	3605	756	124	1005
Trellis.....	G. D. Basse.....	824,227	June 26	3958	848	122	2754
Trellis.....	W. S. Hood.....	834,672	Oct. 30	5564	1180	124	2755
Trellis.....	J. Richards.....	839,423	Dec. 25	4251	909	125	2536
Trenching-machine.....	H. J. Bentson.....	824,839	July 3	327	60-1	123	91
Trenching-machine.....	H. J. Bentson.....	825,373	July 10	1367	288-9	123	374
Trestle.....	J. M. Normand.....	809,729	Jan. 9	2260	469	120	529
Trestle.....	H. M. Lay.....	810,776	Jan. 23	4405	913-14	120	1084
Trestle. Combination adjustable.....	J. W. Meisel.....	808,940	Jan. 2	625	136	120	138
Trestle. Knockdown.....	C. D. Smith.....	829,548	Aug. 28	3806	808	123	2728
Trestle. Telescopic.....	J. S. Turner and P. F. Hausmann.....	818,005	Apr. 17	2906	627	121	2110
Triangle. Draftsman's.....	G. C. Noble.....	827,989	Aug. 7	593	120	122	1818
Triangles on a plane surface. Instrument for graphically solving spherical.....	H. H. Edmonds.....	811,625	Feb. 6	182	41	120	1526
Trick-ball.....	M. T. La Pierre.....	819,894	May 8	1713	368	122	448
Trick device.....	G. L. Maschin.....	824,561	June 26	4630	984	122	2896
Tricycle.....	G. A. Larson.....	827,243	July 31	5230	1086	123	1387
Trigger mechanism.....	J. D. Russ.....	821,889	May 29	5813	1238	122	1526
Trigger mechanism for small-arms.....	S. Turudija.....	810,177	Jan. 16	3154	652	120	774

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Trimmer:							
See Ballast-trimmer.	Lawn-edge trimmer.						
Book-trimmer.	Paper-trimmer.						
Box-trimmer.	Sewing-machine trimmer.						
Cake-trimmer.							
Edge-trimmer.	Shade-cloth trimmer.						
Finger-nail trimmer.	Vessel-trimmer.						
Hoof-trimmer.	Vine-trimmer.						
Lawn-trimmer.							
Trimming-knife and guide.	J. B. Allen.	819,034	May 1	1	1	122	3
Trimming-machine.	A. Lasance.	829,111	Aug. 21	2858		599	123
Trip and conveyer. Receiving.	G. W. Loggie.	837,087	Nov. 27	4400		933	125
Trip mechanism. Automatic.	A. E. Watts.	809,345	Jan. 9	1478		299	120
Tripping apparatus.	W. J. Newman.	810,555	Jan. 23	3995		823	120
Triple-gage, butt-gage, and tool holder.	P. Gyssler.	819,541	May 1	996		218	122
Tripod.	G. D. Marcy.	829,411	Aug. 28	3483		732	123
Tripod. Camera.	O. W. Steindorf.	816,268	Mar. 27	4628		982	121
Tripod-head.	M. C. Rock.	812,233	Feb. 13	1458		319	120
Tripod-stand. Camera.	A. McLeod.	821,052	May 22	4158		884	122
Trolley.	F. J. Gibbs.	815,283	Mar. 13	2567		540	121
Trolley.	H. Zander and G. Hahn.	816,415	Mar. 27	4963		1054	121
Trolley.	J. R. Deily.	820,481	May 15	2954		640	122
Trolley.	M. H. Kashian.	821,719	May 29	5501		1172	122
Trolley.	J. Tetlow.	824,833	July 3	319		58	123
Trolley.	J. Tetlow.	824,834	July 3	320		58	123
Trolley.	J. H. Walker.	825,781	July 10	2282		474	123
Trolley.	G. E. Ward.	826,296	July 17	3250		672	123
Trolley.	B. McManaman.	826,439	July 17	3520		733	123
Trolley.	J. Gründl.	826,782	July 24	4270		888	123
Trolley.	G. C. Thomas.	827,829	Aug. 7	278		57	123
Trolley.	H. L. Bryant.	830,409	Sept. 4	1031		215	124
Trolley.	J. T. Haudenschild.	831,509	Sept. 18	3208		678	124
Trolley.	H. West.	832,712	Oct. 9	1399		283	124
Trolley.	E. D. McDonald.	833,080	Oct. 9	2123		447	124
Trolley.	A. H. Dreijer.	833,312	Oct. 16	2623		550	124
Trolley.	H. B. Burke.	833,505	Oct. 16	3029		643	124
Trolley attachment.	E. D. Rockwell.	809,630	Jan. 9	2067		429	120
Trolley-base.	H. Holland.	834,134	Oct. 23	4500		954	124
Trolley-catch.	W. A. Oates.	838,742	Dec. 18	2900		625	125
Trolley-catcher.	S. F. Pierce.	814,075	Mar. 6	147		30	121
Trolley-catcher.	M. M. Wood.	826,302	July 17	3258		674	123
Trolley-conductors. Supporting structure for.	G. Westinghouse.	814,339	Mar. 6	698		140	121
Trolley contact device for operating electric signals.	B. D. Whitecomb.	815,499	Mar. 20	3053		637	121
Automatic overhead.							
Trolley-controlling apparatus.	F. E. Case.	830,568	Sept. 11	1370		285	124
Trolley device.	R. J. Ludolph.	808,852	Jan. 2	443		98	120
Trolley-finder.	W. J. Hinton.	823,332	June 12	2239		467	122
Trolley for electric cars.	J. H. Kinter.	812,851	Feb. 20	2659		582	120
Trolley for electric railways.	E. F. Creevy.	821,611	May 29	5272		1124-5	122
Trolley for electric railways.	E. F. Landis.	835,731	Nov. 13	1673		356	123
Trolley for overhead tracks.	L. Coburn.	836,736	Nov. 27	3689		787	125
Trolley for overhead-trolley systems.	E. F. Landis.	820,423	May 15	2839		618-19	122
Trolley for railway-vehicles.	J. D. Paton.	824,201	June 26	3899		832	122
Trolley-guard. Automatic.	J. R. French.	832,544	Oct. 2	1045		209	124
Trolley-hanger.	T. Price.	823,438	June 12	2425		511	122
Trolley-harp.	I. H. Lunt.	816,239	Mar. 27	4567		972	121
Trolley-harp.	B. Murphy.	816,875	Apr. 3	651		135	121
Trolley-harp.	H. Mangold.	825,142	July 3	897		189	123
Trolley-harp.	B. L. Dresser.	829,390	Aug. 28	3446		725	123
Trolley-harp.	D. J. Etly.	829,641	Aug. 28	3999		847	123
Trolley-harp.	W. K. Richardson.	833,550	Oct. 16	3109		600	124
Trolley harp and shoe for electric railways. Overhead.	J. Miller, Jr.	810,069	Jan. 16	2950		615	120
Trolley-harps. Contact-spring for.	J. Hensley.	835,728	Nov. 13	1668		354	125
Trolley-head.	W. H. Pirimmer.	831,467	Sept. 18	3135		604	124
Trolley-head and current-collector.	J. E. Greenwood.	817,846	Apr. 17	2578		554-5	121
Trolley-head for electrical tramway systems.	G. B. Holmes and A. D. Allen.	837,836	Dec. 4	1099		245	125
Trolley-keeper.	B. C. Bartlebaugh.	824,611	June 26	4728		1006	122
Trolley. Overhead.	W. H. Schneider and T. Holland.	828,629	Aug. 14	1880		396	123
Trolley placer and guide.	E. A. Leake.	822,961	June 12	1450		302	122
Trolley-pole.	J. E. Lagergren.	811,153	Jan. 30	5166		1079	120
Trolley-pole.	A. S. Weaver.	815,991	Mar. 27	4063		861	121
Trolley-pole.	R. P. Rever.	820,440	May 15	2866		624	122
Trolley-pole.	A. Neubert.	826,050	July 17	2784		577	123
Trolley-pole.	P. Dudley.	826,319	July 17	3305		682	123
Trolley-pole. Automatic safety.	J. R. French.	823,040	June 12	1618		335	122
Trolley-pole. Automatically-tripping.	T. H. Mars.	817,858	Apr. 17	2603		562	121
Trolley-pole clamp.	H. W. Fellows and I. A. Cammett.	835,821	Nov. 13	1856		392	125
Trolley-pole controller.	J. F. Mackin.	820,584	May 15	3166		682	122
Trolley-pole controller.	A. L. Prentiss.	826,799	July 24	4299		894	123
Trolley-pole controller.	M. Lidster and J. Hoellig.	828,489	Aug. 14	1612		340	123
Trolley-pole controller.	J. J. Tartt.	830,686	Sept. 11	1613		333-4	124
Trolley-pole controller.	J. F. Boggs.	831,530	Sept. 25	3273		689	124
Trolley-pole controller. Electric-car.	A. J. Edwards.	838,175	Dec. 11	1817		389	125
Trolley-pole head.	J. M. Fleming.	827,090	July 31	4898		1022	123
Trolley-pole head.	W. J. Wagner.	839,526	Dec. 25	4471		953	125
Trolley-pole. Non-reversing two-way-running.	H. Quertier.	827,325	July 31	5390		1120	123
Trolley-replacer.	R. B. Higgins.	811,919	Feb. 6	740		162	120
Trolley-retriever.	T. Blixt.	827,344	July 31	5425		1127-8	123
Trolley. Self-restoring.	J. T. Andrew.	837,771	Dec. 4	984		221	125
Trolley-shield.	J. W. Brown and C. W. Jenkins.	816,148	Mar. 27	4399		930	121
Trolley-signal circuit-closer.	H. Thurston.	828,585	Aug. 14	1798		379	123
Trolley-signals. Circuit-closer for.	A. Bevan.	836,062	Nov. 13	2263		484	125
Trolley-stand.	W. W. Annable.	820,280	May 8	2561		556	122
Trolley-stand.	J. Zielinski.	822,709	June 5	971		198	122
Trolley-stand.	B. McManaman.	826,440	July 17	3522		733	123

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Trolley-stand.	B. A. Grasberger.	826,565	July 24	3853	797-8	123	1025
Trolley support and switch. Overhead.	B. E. Green.	817,368	Apr. 10	1620	342	121	1774
Trolley-supporting device.	A. Palmros.	813,515	Feb. 27	3999	877	120	2504
Trolley system. Overhead.	C. E. Barry.	834,100	Oct. 23	4411	937	124	2416
Trolley-track.	W. J. Sumner.	826,069	July 17	2830	587	123	754
Trolley track. Overhead.	C. G. and G. Schmidt and J. F. Pfum.	816,255	Mar. 27	4599	978	121	1158
Trolley-track switch.	R. W. McIlvaine.	834,483	Oct. 30	5187	1102	124	2659
Trolley tracks. Hanger for overhead.	J. F. Pfum and O. Schmidt.	826,605	July 24	3941	817	123	1048
Trolley-tracks. Switch-block for.	R. Johnston.	836,042	Nov. 13	2225	476	125	598
Trolley. Trackless.	M. M. Wood.	829,822	Aug. 28	4375	924	123	2868
Trolley-wheel.	J. Hensley.	812,847	Feb. 20	2654	581	120	2152
Trolley-wheel.	M. L. Amann.	817,292	Apr. 10	1483	311	121	1744
Trolley-wheel.	G. W. Jobe.	822,845	June 5	1216	251	122	1993
Trolley-wheel.	C. F. Wilson.	825,501	July 10	1682	351	123	454
Trolley-wheel.	J. M. King.	829,073	Aug. 21	2772	582	123	2424
Trolley-wheel.	J. Brown.	831,412	Sept. 18	3023	643	124	814
Trolley-wheel.	W. Livingstone.	831,792	Sept. 25	3809	798	124	1058
Trolley-wheel.	G. Troxler, Jr.	833,353	Oct. 16	2699	568	124	1961
Trolley-wheel.	H. L. Humphrey.	834,302	Oct. 30	4845	1024	124	2572
Trolley-wheel and support.	B. G. Young and C. N. Pickering.	832,765	Oct. 9	1499	302	124	1615
Trolley-wheel. Ball-bearing electric.	R. S. Boyle and W. G. Cleveland.	821,400	May 22	4566	1032	122	1261
Trolley-wheel bushing. Ball-bearing.	M. Shaaber.	809,852	Jan. 9	2480	516	120	579
Trolley-wheel fork.	E. W. Keating.	829,109	Aug. 21	2854	598	123	2447
Trolley-wheel guard.	J. H. Lane and U. Gulnick.	819,146	May 1	213	45	122	53
Trolley-wheel. Self-lubricating.	A. R. Kramer and O. P. Britt.	810,157	Jan. 16	3117	644	120	766
Trolley-wheel. Self-lubricating.	T. Bednarowicz.	827,843	Aug. 7	303	63	123	1745
Trolley-wire clamp.	E. L. Baker.	809,601	Jan. 9	2019	419	120	475
Trolley-wire hanger.	A. J. Laverty.	821,512	May 22	5074	1081	122	1306
Trolley-wire support.	J. H. Lane and U. Gulnick.	818,631	Apr. 24	4170	898	121	2432
Trolley-wire suspension. System of.	P. E. Herkner.	816,467	Mar. 27	5057	1074	121	1255
Trolley-wire systems for electric traction. Automatic circuit-breaking safety appliance for use in.	J. Carter, G. Hall, and A. Parsons.	811,822	Feb. 6	539	120	120	1600
Trolley-wires. Hanger or ear for overhead electric.	A. Richardson and T. S. Jones.	809,747	Jan. 9	2291	474	120	536
Trolley-wires. Hanger or ear for overhead electric.	A. Richardson.	812,881	Feb. 20	2723	599	120	2169
Trolling-spoon.	C. Kausch.	813,500	Feb. 27	3967	870	120	2497
Trolling-spoon.	S. E. Knowles.	813,718	Feb. 27	4385	967	120	2587
Troposcope.	S. W. Balch.	813,136	Feb. 20	3247	714	120	2284
Trough:							
See Eaves-trough.	Watering-trough.						
Feed-trough.	Watering or feed						
Feeding-trough.	trough.						
Printing-machine inking-trough.							
Trousers.	M. J. Leiberman.	815,598	Mar. 20	3235	680	121	813
Trousers.	B. Hirsh.	833,054	Oct. 9	2072	436	124	1752
Trousers.	A. W. Logan.	835,192	Nov. 6	638	131	125	162
Trousers-brace and stocking-support.	J. T. Andrews.	835,343	Nov. 6	940	199	125	237
Trousers-form.	A. Jones.	820,203	May 8	2399	521	122	596
Trousers-hanger.	A. Cheiberg.	814,429	Mar. 6	883	180	121	192
Trousers-hanger.	G. I. Laraway.	837,852	Dec. 4	1130	252	125	1635
Trousers hanger and press.	G. F. Louys.	837,697	Dec. 4	845	191	125	1565
Trousers holder and presser.	K. Nishimoto.	823,891	June 19	3318	707	122	2559
Trousers. Hook for flies of.	A. F. and S. F. Stein.	834,942	Nov. 6	126	25	125	35
Trousers-pad.	A. Warshauer.	827,897	Aug. 7	396	85	123	1768
Trousers-press.	M. H. Straus.	810,583	Jan. 23	4053	834	120	1005
Trousers-press.	J. L. Hattery.	812,742	Feb. 13	2446	537	120	2063
Trousers-press.	I. R. Fenner.	817,108	Apr. 3	1091	227	121	1600
Trousers-presser.	R. P. Koons.	820,878	May 15	3741	798	122	952
Trousers presser and creaser.	R. M. Tate.	830,382	Sept. 4	979	203-4	124	241
Trousers presser and creaser.	H. C. Warfel.	830,756	Sept. 11	1771	365	124	477
Trousers-rack.	M. Rosenberg.	813,239	Feb. 20	3429	755	120	2321
Trousers-stretcher.	G. Albert.	825,792	July 10	2302	479	123	607
Trousers-stretcher and coat-hanger. Combined.	S. B. Bedinger.	830,874	Sept. 11	1973	414	124	529
Trousers stretcher and presser.	M. E. Weisehan.	828,078	Aug. 7	783	161	123	1564
Trousers-support.	A. M. Taylor.	835,481	Nov. 6	1200	259	125	301
Trousers-support.	R. F. Parris.	836,136	Nov. 20	2452	515	125	707
Truck.	H. Weber. (Reissue).	12,430	Jan. 2	1337	271	120	294
Truck.	P. Twomey.	809,478	Jan. 9	1771	365	120	423
Truck.	J. D. Smith.	811,965	Feb. 6	866	199	120	1665
Truck.	H. W. Moore.	812,066	Feb. 6	1064	232	120	1706
Truck.	D. H. Rowe.	814,874	Mar. 13	1747	366	121	440
Truck.	J. Schreiber.	816,825	Apr. 3	545	116	121	1478
Truck.	P. Twomey.	817,350	Apr. 10	1588	335-6	121	1767
Truck.	T. H. Hughes, S. A. Johnson, and J. H. Sayle.	817,779	Apr. 17	2437	521	121	2003
Truck.	G. M. Williams.	818,326	Apr. 17	3548	760	121	2244
Truck.	J. F. Firestone.	819,053	May 1	35	8	122	11
Truck.	F. F. Hoehne.	826,660	July 24	4040	837	123	1074
Truck.	W. O. Webster.	827,590	July 31	5997	1247	123	1572
Truck.	C. H. Richardson.	831,472	Sept. 18	3143	666	124	846
Truck.	J. N. Snyder.	831,751	Sept. 25	3731	781	124	1037
Truck.	S. D. Hanna.	833,924	Oct. 23	3918	831	124	2302
Truck.	A. M. Chase and W. C. Stocklin.	836,921	Nov. 27	4064	867-8	125	1136
Truck and bolster mechanism.	G. H. Poor and H. Stabell.	826,688	July 24	4093	849	123	1088
Truck and other vehicle brake. Railway.	J. Gouldie.	834,796	Oct. 30	5824	1236	124	2820
Truck and rail. Railway.	A. M. Clark.	825,958	July 17	2606	541-2	123	696
Truck and weighing-scale. Combined.	A. C. Johnson.	833,604	Oct. 16	3235	688	124	2087
Truck. Auto-aerial ladder.	H. T. Kingsbury.	818,261	Apr. 17	3423	735	121	2218
Truck. Auto-aerial ladder.	H. T. Kingsbury.	818,262	Apr. 17	3425	735	121	2219
Truck. Automobile.	H. B. Lewis.	834,146	Oct. 23	4518	959	124	2447
Truck. Barrel.	H. D. Floyd.	825,898	July 17	2491	518	123	665
Truck-bolster.	J. C. Barber.	809,768	Jan. 9	2331	482-3	120	544
Truck-bolster.	J. M. Goodwin.	816,010	Mar. 27	4109	869-70	121	1053
Truck-bolster.	C. A. Lindström.	817,789	Apr. 17	2468	528	121	2010
Truck-bolster.	L. W. Barber and E. W. Webb.	828,870	Aug. 21	2357	501-2	123	2317
Truck-bolster.	C. A. Lindström.	832,683	Oct. 9	1345	272	124	1575

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Truck bolster. Car.....	G. C. Murray.....	809,625	Jan. 9	2060	427	120	484
Truck bolster. Car.....	T. Fowler.....	811,493	Jan. 30	5802	1215	120	1416
Truck bolster. Car.....	A. Stucki.....	817,404	Apr. 10	1701	359	121	1791
Truck bolster. Car.....	J. C. Wands.....	819,188	May 1	294	63	122	73
Truck bolster. Car.....	J. B. Barnes.....	820,338	May 8	2659	579-80	122	655
Truck bolster. Car.....	O. S. Pulliam.....	821,312	May 22	4665	994	122	1214
Truck-bolster. Cast.....	E. C. Washburn.....	812,313	Feb. 13	1624	357	120	1896
Truck-bolster. Cast.....	A. Stucki.....	825,011	July 3	667	134	123	175
Truck-bolster. Cast.....	A. Stucki.....	831,251	Sept. 18	2723	573-4	124	730
Truck-bolster. Cast.....	A. Stucki.....	836,474	Nov. 20	3126	664	125	869
Truck. Breakdown.....	F. C. Wheeler.....	830,945	Sept. 11	2100	444	124	557
Truck. Brick.....	M. K. Sachs.....	817,520	Apr. 10	1940	409-10	121	1842
Truck. Car.....	J. M. Hopkins.....	809,505	Jan. 9	1822	375	120	435
Truck. Car.....	J. A. Brill and S. M. Curwen.....	816,294	Mar. 27	4674	992-3	121	1175
Truck. Car.....	W. G. Price.....	818,640	Apr. 24	4188	901	121	2437
Truck. Car.....	C. T. Westlake.....	819,480	May 1	892	195	122	199
Truck. Car.....	J. B. Barnes.....	820,337	May 8	2658	579	122	655
Truck. Car.....	P. N. Hyden.....	820,718	May 15	3411	729-30	122	878
Truck. Car.....	E. I. Dodds.....	820,770	May 15	3512	753-4	122	902
Truck. Car.....	J. A. Brill and W. S. Adams.....	821,279	May 22	4595	979-80	122	1201
Truck. Car.....	E. I. Dodds.....	825,023	July 3	683	138	122	179
Truck. Car.....	E. I. Dodds.....	825,037	July 3	708	147-8	123	188
Truck. Car.....	E. I. Dodds.....	825,039	July 3	711	149	123	190
Truck. Car.....	R. K. Whitman.....	825,255	July 3	1121	238	123	292
Truck. Car.....	P. P. Hatcher.....	825,723	July 10	2171	453	123	575
Truck. Car.....	S. Otis.....	826,872	July 24	4450	926	123	1176
Truck. Car.....	O. S. Pulliam.....	833,084	Oct. 9	2128	448	124	1767
Truck. Car.....	C. T. Westlake.....	833,813	Oct. 23	3653	780	123	2234
Truck. Car.....	W. G. Price.....	833,895	Oct. 23	3849	818	124	2282
Truck. Car.....	G. Lindenthal.....	834,821	Oct. 30	5869	1244	124	2831
Truck. Car.....	J. Green.....	838,319	Dec. 11	2091	453	124	1917
Truck. Car.....	J. Green.....	838,320	Dec. 11	2094	453	124	1918
Truck. Car.....	G. G. Floyd.....	839,571	Dec. 25	4548	970	125	2607
Truck. Car.....	P. M. Kling.....	839,601	Dec. 25	4601	981-2	125	2620
Truck. Car.....	W. P. Richardson.....	839,785	Dec. 25	4990	1065	125	2716
Truck. Cast-steel car.....	A. Lipschultz.....	822,676	June 5	894	183	122	1926
Truck. Collapsible.....	C. E. Fischer.....	808,738	Jan. 2	234	51	120	53
Truck. Electric motor.....	W. Dalton.....	823,490	June 12	2549	537	122	2329
Truck. Elevating.....	S. A. Garland.....	815,416	Mar. 20	2916	604-5	121	743
Truck end casting.....	O. S. Pulliam.....	821,313	May 22	4666	994	122	1215
Truck. Engine.....	T. E. Adams.....	830,274	Sept. 4	765	156-7	124	192
Truck. Engine or tender.....	T. E. Adams.....	830,554	Sept. 11	1344	277	124	361
Truck. Folding.....	W. F. Markham.....	814,858	Mar. 13	1716	359	121	433
Truck for railway-cars. Metallic.....	F. Gebhardt.....	822,112	May 29	6248	1330-1	122	1625
Truck. Hand.....	W. M. B. Watley.....	820,274	May 8	2542	551	122	630
Truck. Hauling.....	B. Holt.....	829,585	Aug. 28	3881	823	123	277
Truck loading and unloading appliance. Lumber.....	J. A. Sayward.....	831,686	Sept. 25	3618	759	124	1009
Truck. Locomotive.....	W. E. Symons.....	813,255	Feb. 20	3457	762-3	120	2327
Truck. Locomotive.....	J. Player.....	823,482	June 12	2524	529	122	2325
Truck. Locomotive.....	W. Dalton.....	823,491	June 12	2551	537	122	2330
Truck. Motor.....	C. Schmidt.....	832,749	Oct. 9	1475	296-7	124	1608
Truck. Piano.....	C. F. Hawk.....	822,274	June 5	96	20	122	1749
Truck. Railway and tramway vehicle.....	H. Gummi.....	827,362	July 31	5455	1134	123	1441
Truck. Railway-car.....	W. Ferris.....	809,435	Jan. 9	1685	346-7	120	402
Truck. Railway-car.....	F. P. Shaffer.....	810,815	Jan. 23	4477	931	120	1099
Truck. Railway-car.....	J. M. Hopkins.....	811,062	Jan. 30	4979	1039	120	1242
Truck. Railway-car.....	J. M. Hopkins.....	813,797	Feb. 27	4538	1003	120	2620
Truck. Railway-car.....	G. C. Stewart.....	814,409	Mar. 6	840	173	121	182
Truck. Railway-car.....	S. A. Bemis.....	815,784	Mar. 20	3645	767	121	900
Truck. Railway-car.....	A. Stucki.....	817,406	Apr. 10	1706	360	121	1792
Truck. Railway-car.....	E. I. Dodds.....	825,035	July 3	704	146	123	187
Truck. Railway-car.....	E. I. Dodds.....	825,038	July 3	710	148	123	189
Truck. Railway-car.....	S. Otis.....	826,870	July 24	4449	925	123	1175
Truck. Railway-car.....	S. Otis.....	826,871	July 24	4450	926	123	1175
Truck. Railway-car.....	G. G. Floyd.....	839,570	Dec. 25	4546	970	125	2607
Truck. Railway motor.....	G. S. Gunderson.....	831,948	Sept. 25	4143	863	124	1139
Truck. Scale.....	E. L. Thompson and A. E. Sheldon.....	827,580	July 31	5975	1239	123	1567
Truck. Self-propelled vehicle.....	H. H. Taylor.....	810,997	Jan. 30	4871	1014	120	1218
Truck. Sewer-pipe.....	F. H. Wippler.....	837,761	Dec. 4	971	219	125	1595
Truck side frame. Car.....	E. Kaylor.....	833,719	Oct. 16	3449	736	124	2136
Truck side frame. Car.....	G. G. Floyd.....	839,572	Dec. 25	4549	970	125	2607
Truck side frame. Cast-metal.....	E. I. Dodds.....	825,041	July 3	714	150	123	191
Truck side frame. Railway-car.....	A. Stucki.....	817,405	Apr. 10	1704	359-60	121	1792
Truck side frame. Railway-car.....	O. S. Pulliam.....	824,437	June 26	4381	932	122	2840
Truck side frame. Railway-car.....	G. G. Floyd.....	837,047	Nov. 27	4329	918	125	1200
Truck spring-beam. Car.....	E. I. Dodds.....	826,653	July 24	4030	835	123	1070
Truck. Spring-hand.....	T. Kendrick.....	820,001	May 8	1993	437	122	506
Truck. Street-cleaner's.....	J. Rehm and T. von Gerichten.....	831,470	Sept. 18	3140	665-6	124	845
Truck. Trailing.....	J. F. De Voy.....	820,400	May 15	2792	607	122	744
Truck. Transfer.....	W. P. Hussey.....	838,253	Dec. 11	1986	426	125	1891
Truck. Two-wheel engine.....	T. E. Adams.....	830,275	Sept. 4	767	157	124	192
Truck. Vehicle.....	W. N. Springer.....	810,091	Jan. 16	2987	622-3	120	741
Truck-wheel.....	F. W. Stickle.....	810,438	Jan. 23	3755	773	120	938
Truck-wheel check. Warehouse.....	C. Bourque.....	831,701	Sept. 25	3656	764	124	1019
Trucks. Cast-metal side frame for car.....	E. I. Dodds.....	831,655	Sept. 25	3537	745	124	986
Trucks. Combined bunk and chock-block for logging.....	T. G. Haywood.....	830,786	Sept. 11	1817	377	124	488
Trucks. Construction of car.....	R. C. Wright and F. E. Stebbins.....	819,111	May 1	152	32	122	38
Trucks. Falling bolster for lumber.....	F. M. Rattenbury and A. F. Griffiths.....	831,682	Sept. 25	3611	757	124	1007
Trucks. Friction-grip for ropeway.....	S. Carlson and R. P. Pettersson.....	828,190	Aug. 7	987	205	123	1913
Trucks. Lateral-motion device for car.....	E. C. Washburn.....	811,677	Feb. 6	279	62	120	1546
Trucks. Means for adjusting the height of spring-planks for railway-truing-up indicator.....	M. Linton.....	817,078	Apr. 3	1043	216	121	1589
Truing-up indicator. Work.....	B. F. Stowell.....	826,971	July 24	4626	964	123	1220
Truing-up indicator. Work.....	B. F. Ennis.....	837,677	Dec. 4	802	182-3	125	1554

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Trunk.....	M. E. Morgan.....	809,124	Jan. 2	999	206	120	220
Trunk.....	H. Davis.....	809,286	Jan. 9	1360	277	120	334
Trunk.....	T. J. Livsie.....	809,709	Jan. 9	2225	461	120	521
Trunk.....	C. C. Wington.....	812,967	Feb. 20	2897	639	120	2207
Trunk.....	J. A. H. Villmow.....	817,351	Apr. 10	1589	336	121	1768
Trunk.....	W. H. Boschen.....	819,974	May 8	1913	423	122	486
Trunk.....	G. A. Schobert.....	823,140	June 12	1838	379	122	2176
Trunk.....	H. W. Rountree.....	825,556	July 10	1796	732	123	481
Trunk.....	L. Lieberman.....	826,436	July 17	3512	732	123	919
Trunk.....	E. M. Hardesty.....	831,064	Sept. 18	2359	497	124	653
Trunk.....	J. G. Huve.....	832,608	Oct. 9	1189	238	124	1541
Trunk and dresser. Combination.....	F. L. A. Eichelberger.....	825,709	July 10	2139	446	123	569
Trunk, chest, box, &c. Convertible.....	F. H. Enright.....	825,642	July 10	2008	419	123	536
Trunk. Combination.....	A. C. McArthur.....	825,673	July 10	2078	434	123	554
Trunk-corder.....	W. L. Kessee.....	811,150	Jan. 30	5162	1079	120	1280
Trunk-fastener.....	C. E. Lucas.....	823,343	June 12	2259	471	122	2270
Trunk-fixture.....	D. Goldsmith.....	830,315	Sept. 4	838	172	124	210
Trunk. Folding.....	V. C. Williams.....	839,796	Dec. 25	5007	1069	125	2720
Trunk-handle attachment.....	W. J. Hunter.....	823,173	June 12	1899	392	122	2190
Trunk-harness.....	G. W. Jones.....	818,251	Apr. 17	3410	731	121	2215
Trunk-lock.....	J. A. Horne.....	810,147	Jan. 16	3098	640	120	762
Trunk-protector.....	J. Walker and B. M. Frederick.....	836,227	Nov. 20	2627	553	125	750
Trunk-strap. Adjustable metallic.....	J. L. Mertins.....	837,321	Dec. 4	90	23-4	125	1377
Trunk-tray holder.....	J. S. Irick.....	838,861	Dec. 18	3132	675	125	2217
Trunk-tray support.....	A. S. Belber.....	816,423	Mar. 27	4979	1057	121	1238
Trunk. Wardrobe.....	T. J. Hamilton.....	810,203	Jan. 16	3216	666	120	785
Trunk. Wardrobe.....	F. H. Parkhurst.....	822,384	June 5	304	62	122	1791
Trunk. Wardrobe dress.....	E. W. Hawley and G. H. Wheary.....	838,621	Dec. 18	2683	575-6	125	2105
Trunks. Safety-latch for.....	J. Wolf.....	837,366	Dec. 4	180	43	125	1402
Truss.....	M. B. Smyth.....	808,697	Jan. 2	145	34	120	34
Truss.....	G. M. Farleigh.....	812,031	Feb. 6	1011	221	120	1694
Truss.....	A. C. Cooke.....	815,682	Mar. 20	3416	714	121	853
Truss.....	G. V. House.....	818,446	Apr. 24	3777	812	121	2349
Truss.....	E. Hovey and M. M. Black.....	818,888	Apr. 24	4679	1004	121	2542
Truss.....	T. O'Malley.....	820,728	May 15	3432	735	122	883
Truss.....	H. Fagon.....	820,853	May 15	3708	791	122	945
Truss.....	G. C. Abraham.....	822,811	June 5	1148	236	122	1980
Truss.....	J. H. Campbell.....	822,822	June 5	1167	240	122	1984
Truss.....	A. P. Barlow.....	823,500	June 19	2578	543	122	2397
Truss.....	S. A. Donnelly.....	828,022	Aug. 7	670	138	123	1837
Truss.....	F. Crater.....	834,712	Oct. 30	5645	1198	124	2776
Truss. Colotomy.....	E. E. Hyatt.....	838,334	Dec. 11	2125	459	125	1926
Truss cushion. Hernia.....	W. Wagner.....	826,073	July 17	2836	588	123	756
Truss for hernia.....	W. H. Washburn.....	817,600	Apr. 10	2086	441	121	1871
Truss-rod stand and anchor-bracket. Combination.....	P. M. Kilroy.....	824,125	June 26	3744	799	122	2708
Tub:							
See Bath-tub.							
Tub.....	P. Connolly.....	812,826	Feb. 20	2613	572	120	2144
Tub-fitting.....	P. Connolly.....	830,053	Sept. 4	287	57-8	124	70
Tub-making machine.....	H. Brammer.....	815,139	Mar. 13	2287	478	121	555
Tub, sink, and washbowl. Combination.....	W. C. James.....	821,805	May 29	5671	1208	122	1495
Tub, tank, and other like receptacle.....	H. Romunder.....	814,625	Mar. 6	1246	262	121	270
Tube:							
See Boiler-tube. Pile-tube.							
Building-tube. Pneumatic tube.							
Collapsible tube. Reinforcing tube.							
Flexible tube. Tire wire-fabric tube.							
Grain-drill tube. Venturi tube.							
Mailing-tube. Water or fluid gaging tube.							
Metallic tube.							
Tube clamp. Flexible.....	J. W. Mosley.....	823,068	June 12	1676	347	122	2141
Tube-cleaner.....	G. W. Dean.....	821,614	May 29	5277	1126	122	1407
Tube-cleaner.....	T. Andrews.....	828,173	Aug. 7	956	197	123	1905
Tube-cleaner.....	A. H. Swartz.....	830,808	Sept. 11	1856	386	124	497
Tube-cleaner.....	W. L. Casaday.....	836,629	Nov. 20	3412	729	125	937
Tube-cleaning apparatus.....	H. Van Ormer.....	833,703	Oct. 16	3417	728	124	2128
Tube-clip.....	F. A. Bellamy.....	813,053	Feb. 20	3019	665	120	2232
Tube-closing machine.....	L. Feval and F. Hofbauer.....	825,308	July 10	1233	260	123	339
Tube-compressor.....	E. K. Leffingwell and H. B. Eltonhead.....	820,216	May 8	2420	525	122	602
Tube, conduit, and pipe cleaner.....	A. Pickles and P. R. Sewell.....	812,361	Feb. 13	1702	374	120	1914
Tube connection. Pitot.....	J. A. and E. S. Cole.....	817,470	Apr. 10	1845	386-7	121	1821
Tube-corrugating machine.....	E. R. Stasch.....	832,001	Sept. 25	4234	885	124	1163
Tube-cutter.....	A. Warren.....	818,135	Apr. 17	3165	679	121	2165
Tube-cutter.....	H. F. Weinland.....	825,949	July 17	2588	538	123	692
Tube-cutter.....	L. T. Jones.....	828,120	Aug. 7	864	178	123	1884
Tube-cutter.....	G. Wiedeker.....	832,647	Oct. 9	1270	256	124	1559
Tube-cutter.....	A. J. Dierzen.....	837,614	Dec. 4	677	156	125	1523
Tube-cutting machine.....	J. W. Freeman.....	827,227	July 31	5197	1079-80	123	1379
Tube-drawing apparatus.....	G. Baehr.....	808,620	Jan. 2	6	2	120	4
Tube-expander.....	W. Nicholson, Jr.....	817,089	Apr. 3	1060	220	121	1593
Tube-expander.....	C. D. Hand and F. R. Franson.....	831,720	Sept. 25	3688	771	124	1027
Tube expanding and beading tool.....	W. McCormick.....	818,843	Apr. 24	4605	988	121	2527
Tube-forming machine. Metal.....	E. T. Greenfield.....	817,056	Apr. 3	1008	206-8	121	1583
Tube-making machine.....	G. B. Mellinger.....	811,861	Feb. 6	616	135	120	1615
Tube-scraper.....	G. H. Burpee.....	828,189	Aug. 7	986	205	123	1912
Tube-starting device. Vapor.....	T. Bodde.....	832,363	Oct. 2	688	133	124	1378
Tube welding and finishing apparatus.....	P. Patterson.....	826,189	July 17	3043	632	123	806
Tubes. Adjustable compressor for flexible.....	J. J. Jessup.....	827,640	July 31	6111	1270	123	1604
Tubes and armoring flexible hose or other tubes. Mechanism for constructing flexible metal.....	E. T. Greenfield.....	809,561	Jan. 9	1923	399-400	120	456
Tubes. Apparatus for reducing the ends of.....	M. Wikstrom.....	810,241	Jan. 16	3299	684	120	803
Tubes. Electrolytic manufacture of metal.....	O. Dieffenbach.....	817,419	Apr. 10	1731		121	1797
Tubes from pulp, paper, or similar material. Machine for making.....	W. R. Hope.....	813,701	Feb. 27	4356	959	120	2581
Tubes. Helically grooving.....	R. C. Monteagle.....	812,435	Feb. 13	1854	408	120	1944

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Tubes. Implement for truing the internal forms of.	F. A. Forwood.	816,451	Mar. 27	5027	1067	121	1249
Tubes. Machine for helically grooving.	R. C. Monteaule.	812,434	Feb. 13	1852	407	120	1944
Tubes. Machine for treating pliable.	A. J. Cumnock.	829,098	Aug. 21	2821	593	123	2438
Tubes. Making.	N. Heid.	835,420	Nov. 6	1105	238	125	278
Tubes. Manufacture of compound.	J. H. Nicholson.	831,887	Sept. 25	4035	840	124	1113
Tubes. Producing.	G. B. Mellinger.	812,146	Feb. 6	1235	268-9	120	1742
Tubes. Producing solid drawn.	E. Bier and A. Hoffmann.	831,031	Sept. 18	2269	478-9	124	633
Tubes, single or compound, with longitudinal ribs.	A. Schmitz.	813,918	Feb. 27	4786	1057	120	2674
Tubing.	E. T. Greenfield.	839,381	Dec. 25	4159	891	125	2513
Tubing-bending device.	W. J. Herr.	819,545	May 1	1003	220	122	226
Tubing. Flexible.	S. Scognamillo.	819,027	Apr. 24	4947	1062	121	2602
Tubing. Flexible.	G. M. Andersson.	832,523	Oct. 2	1002	201	124	1453
Tubing. Flexible joint for electric.	W. E. Ward.	833,567	Oct. 16	3138	666	124	2065
Tubing. Flexible metallic.	W. W. Harris.	826,658	July 24	4038	837	123	1073
Tubing. Machine for making.	E. T. Greenfield.	838,179	Dec. 11	1823	390-1	125	1854
Tubular articles. Machine for shaping.	N. Marshall.	815,362	Mar. 20	2796	581-2	121	714
Tubular articles. Making.	G. W. Lee.	822,285	June 5	117	24	122	1754
Tubular boiler.	F. P. Cooper.	811,547	Feb. 6	22	6	120	1489
Tubular structures. Apparatus for cleaning.	A. H. Colcord.	837,917	Dec. 11	1264	278	125	1710
Tuck-marker.	A. G. Lamb.	830,507	Sept. 11	1231	256	124	335
Tuck-marker.	A. G. Lamb.	830,509	Sept. 11	1242	257	124	335
Tucking-blades. Ribbon-guide for.	E. F. Townsend and H. S. Bolles.	835,991	Nov. 13	2141	459	125	576
Tufting apparatus.	H. J. Jacobs.	830,504	Sept. 11	1224	256	124	331
Tufting-machine.	W. E. Latimer.	809,572	Jan. 9	1947	404	120	461
Tug. Flexible metal hame.	A. M. Craig.	823,158	June 12	1871	386	122	2183
Tug. Hame.	A. J. Smith.	823,744	June 19	3039	643	122	2495
Tug. Hame.	J. E. Dull.	827,001	July 24	4687	977	123	1234
Tug. Hame.	W. J. Campbell.	836,920	Nov. 27	4062	867	125	1135
Tug. Hame and breeching.	I. B. Martin.	814,554	Mar. 6	1111	231	121	241
Tug. Harness.	J. S. McKenzie.	809,577	Jan. 9	1956	406	120	462
Tug-holder for swingletrees.	O. S. Johnston.	818,095	Apr. 17	3075	663	121	2143
Tug or support. Shaft.	J. O'Connell.	815,730	Mar. 20	3523	740	121	875
Tug. Shaft.	F. Davis, Jr.	816,439	Mar. 27	5002	1062	121	1243
Tug. Thill.	B. F. D. Miller.	828,231	Aug. 7	1061	223	123	1929
Tug. Thill.	A. W. Peterson.	828,677	Aug. 14	1968	414	123	2188
Tug. Thill.	J. E. Lawrence.	837,313	Dec. 4	74	20	125	1372
Tumbler.	D. T. Graham.	821,483	May 22	5027	1070	122	1296
Tumbler-closure. Hermetic.	W. A. Lorenz.	819,237	May 1	408	86	122	96
Tumbler-lock.	N. W. Webb.	818,719	Apr. 24	4352	932	121	2472
Tumbler-washer. Rotary.	F. W. Will.	835,925	Nov. 13	2035	434	125	552
Tumblers. Hermetic closure for.	W. A. Lorenz.	829,979	Sept. 4	129	22	124	32
Tumblers. Hermetic closure for.	W. A. Lorenz.	829,980	Sept. 4	132	22	124	32
Tumblers. Hermetic closure for.	W. A. Lorenz.	829,981	Sept. 4	137	22	124	34
Tumbling-barrel.	A. F. Schroeder.	814,166	Mar. 6	322	65	121	70
Tuning-hammer.	A. L. Hale.	834,468	Oct. 30	5157	1095	124	2652
Tuning instrument.	N. Bryant.	813,769	Feb. 27	4475	988	120	2607
Tunnel and means for constructing the same.	J. Breuchaud.	832,120	Oct. 2	195	40-1	124	1261
Tunnel-arch construction. Machine for handling material for.	E. G. Williams and E. H. Brown.	829,903	Aug. 28	4537	956-7	123	2907
Tunnel-boring apparatus.	J. Moran and L. H. Griffith.	825,857	July 10	2411	503	123	634
Tunnel-calking apparatus.	F. W. Moir.	824,668	June 26	4832	1031	122	2941
Tunnels. Constructing subaqueous.	W. J. Wilgus and H. A. Carson.	829,190	Aug. 21	3041	636-7	123	2494
Tunnel construction and method and apparatus for forming the same.	J. W. Reno.	836,215	Nov. 20	2607	550	125	745
Tunnel-erecting apparatus.	H. Japp.	811,404	Jan. 30	5653	1183-4	120	1386
Tunnel-lining of reinforced concrete blocks.	A. F. Mattson.	830,345	Sept. 4	892	183	124	221
Tunnel-miner's power-shovel.	P. Ford.	832,370	Oct. 2	702	135-6	124	1382
Tunnel-roof shield.	J. C. Meem.	819,361	May 1	669	141	122	153
Tunnel-shield.	C. L. Parmelee and E. G. Williams.	810,428	Jan. 23	3729	769	120	982
Tunnel-shield.	H. Japp.	834,732	Oct. 30	5676	1204	124	2784
Tunnel-shield.	E. W. Moir.	834,745	Oct. 30	5694	1208	124	2788
Tunnels. Lowering river-	P. E. McDonnell, Sr.	817,657	Apr. 10	2183	464	121	1891
Tunneling-machine.	J. E. Ennis.	837,552	Dec. 4	533	124-6	125	1488
Turbine.	C. E. Smith.	809,147	Jan. 2	1038	214-15	120	227
Turbine.	J. H. Barker.	809,277	Jan. 9	1347	274	120	331
Turbine.	E. Maier.	809,711	Jan. 9	2229	462	120	522
Turbine.	F. W. Reeves.	811,663	Feb. 6	249	55-6	120	1539
Turbine.	H. F. Fullagar.	815,154	Mar. 13	2315	485	121	561
Turbine.	H. F. Fullagar.	815,155	Mar. 13	2319	485	121	562
Turbine.	J. T. Jennings.	817,067	Apr. 3	1027	212	121	1586
Turbine.	W. Clark.	819,000	Apr. 24	4892	1050	121	2590
Turbine.	G. L. Mundigler.	822,069	May 29	6164	1314-15	122	1606
Turbine.	D. C. Garraway.	822,267	June 5	82	17	122	1747
Turbine.	J. Stumpf.	822,315	June 5	184	36	122	1768
Turbine.	H. S. Scott and H. F. Tyzack.	822,991	June 12	1510	314-15	122	2106
Turbine.	J. H. O. Bunge.	827,141	July 31	5004	1044-5	123	1325
Turbine.	A. J. A. Marichal.	828,618	Aug. 14	1858	391-3	123	2161
Turbine.	E. Blucker.	829,942	Sept. 4	9	2	124	4
Turbine.	W. F. Newman.	829,992	Sept. 4	155	26-7	124	38
Turbine.	W. T. Carter.	834,560	Oct. 30	5323	1130-1	124	2694
Turbine.	M. Rotter.	835,472	Nov. 6	1187	256	125	298
Turbine.	F. B. Abbott.	839,086	Dec. 25	3577	774	125	2369
Turbine and controller mechanism therefor.	J. Wilkinson.	822,798	June 5	1114	232	122	1973
Turbine and muffler. Combination.	G. E. Fulton.	838,018	Dec. 11	1465	316	125	1761
Turbine. Balanced steam.	W. L. Webster.	833,990	Oct. 23	4160	883	124	2355
Turbine-blades. Making.	A. C. E. Rateau and G. Sautter.	814,804	Mar. 13	1629	342	121	415
Turbine-bucket.	H. Keller.	812,795	Feb. 13	2547	560	120	2084
Turbine bucket. Steam.	J. W. Smith.	835,370	Nov. 6	990	211	125	251
Turbine bucket-wheel.	J. Wilkinson.	811,985	Feb. 6	915	201	120	1675
Turbine bucket-wheel.	J. Wilkinson.	814,757	Mar. 13	1528	324	121	394
Turbine bucket-wheel.	J. Wilkinson.	819,106	May 1	145	30	122	37
Turbine bucket-wheel.	J. Wilkinson.	822,801	June 5	1128	233	122	1976
Turbine bucket-wheel.	J. Wilkinson.	839,242	Dec. 25	3893	838	125	2448
Turbine bucket-wheel.	J. Wilkinson.	839,243	Dec. 25	3896	838	125	2448
Turbine-buckets. Means for attaching.	J. G. Callan.	830,878	Sept. 11	1979	416	124	530
Turbine. Combined impulse and reaction.	C. Pfenniger.	813,169	Feb. 20	3297	725	120	2294

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Turbine-controller.	F. Samuelson.	809,847	Jan. 9	2469	513-14	120	576
Turbine controller mechanism.	J. Wilkinson.	811,982	Feb. 6	904	200	120	1673
Turbine controller mechanism.	J. Wilkinson.	814,756	Mar. 13	1523	323	121	393
Turbine controller mechanism.	J. Wilkinson.	826,000	July 17	2695	558	123	721
Turbine coupling means.	E. Brown.	828,301	Aug. 14	1232	257	123	2000
Turbine-driven machinery.	A. C. E. Rateau and G. Sautter.	812,878	Feb. 20	2712	597-8	120	2166
Turbine driving means.	W. B. Sayers.	821,436	May 22	4942	1050	122	1278
Turbine. Elastic-fluid.	A. H. Kruesi.	809,816	Jan. 9	2411	500	120	563
Turbine. Elastic-fluid.	P. C. Oscanyan.	810,667	Jan. 23	4203	869	120	1039
Turbine. Elastic-fluid.	O. O. Storle.	810,992	Jan. 30	4860	1012	120	1216
Turbine. Elastic-fluid.	J. Wilkinson.	811,984	Feb. 6	912	201	120	1674
Turbine. Elastic-fluid.	G. Belluzzo.	814,423	Mar. 6	873	179	121	190
Turbine. Elastic-fluid.	J. Wilkinson.	818,723	Apr. 24	4358	933	121	2474
Turbine. Elastic-fluid.	A. E. Guy.	820,714	May 15	3408	728	122	877
Turbine. Elastic-fluid.	C. G. Curtis.	821,706	May 29	5478	1166	122	1450
Turbine. Elastic-fluid.	J. G. Callan and B. H. Hamilton.	822,247	June 5	31	7-8	122	1735
Turbine. Elastic-fluid.	W. L. R. Emmet.	822,257	June 5	58	12-13	122	1741
Turbine. Elastic-fluid.	W. L. R. Emmet.	822,258	June 5	62	13	122	1742
Turbine. Elastic-fluid.	J. Wilkinson.	822,799	June 5	1122	232	122	1975
Turbine. Elastic-fluid.	E. F. Taylor.	825,164	July 3	945	200-1	123	248
Turbine. Elastic-fluid.	R. H. Rice.	826,885	July 24	4471	930-1	123	1181
Turbine. Elastic-fluid.	J. W. Ferguson.	826,927	July 24	4556	948	123	1203
Turbine. Elastic-fluid.	O. Junggren.	826,941	July 24	4575	952	123	1208
Turbine. Elastic-fluid.	J. C. and H. A. Prescott.	828,827	Aug. 14	2259	450-1	123	2263
Turbine. Elastic-fluid.	C. W. Dake.	828,932	Aug. 21	2487	527	123	2351
Turbine. Elastic-fluid.	C. W. Dake.	828,933	Aug. 21	2490	527	123	2353
Turbine. Elastic-fluid.	C. W. Dake.	828,934	Aug. 21	2491	527-8	123	2353
Turbine. Elastic-fluid.	O. Junggren.	830,900	Sept. 11	2016	424-6	124	538
Turbine. Elastic-fluid.	C. G. Curtis.	831,540	Sept. 25	3290	692	124	917
Turbine. Elastic-fluid.	C. W. Dake.	833,305	Oct. 16	2604	545-7	124	1936
Turbine. Elastic-fluid.	C. W. Dake.	833,306	Oct. 16	2612	547	124	1938
Turbine. Elastic-fluid.	M. Rotter.	835,473	Nov. 6	1188	236	125	299
Turbine. Elastic-fluid.	J. H. O. Bunge.	835,748	Nov. 13	1700	362	125	472
Turbine. Elastic-fluid.	C. A. Backstrom.	838,158	Dec. 11	1778	352	125	1840
Turbine. Elastic-fluid.	J. Wilkinson.	838,487	Dec. 11	2414	525	125	1996
Turbine-engine.	E. J. Wood.	808,709	Jan. 2	164	38	120	38
Turbine-engine.	H. Scheele.	808,950	Jan. 2	648	141	120	143
Turbine-engine.	G. C. E. de Bonnechese.	810,252	Jan. 16	3324	690	120	808
Turbine-engine.	P. F. Holmgren.	811,639	Feb. 6	210	45	120	1530
Turbine-engine.	L. Hachenberg.	823,526	June 19	2641	555	122	2409
Turbine-engine.	J. A. Groshon.	824,113	June 26	3724	795-6	122	2704
Turbine-engine.	C. J. Stuart.	824,449	June 26	4397	935	122	2844
Turbine-engine.	E. F. Prall.	827,995	Aug. 7	608	124	123	1821
Turbine-engine.	A. Tschinkel.	829,744	Aug. 28	4210	892	123	2826
Turbine-engine. Gas.	W. E. Clark.	814,157	Mar. 6	359	73-4	121	78
Turbine-engine. Hydrocarbon.	J. Zander.	822,176	May 29	6372	1353-4	122	1653
Turbine-engine. Reversible rotary.	J. F. MacIndoe and P. T. McGlynn.	833,073	Oct. 9	2110	444-5	124	1762
Turbine-engine. Reversing.	C. J. Gebhart.	829,396	Aug. 28	3458	727-8	123	2641
Turbine-engine. Steam.	A. H. Smith.	824,955	July 3	555	110	123	148
Turbine-engine. Steam.	J. Eberhardt and H. Weghorst.	830,890	Sept. 11	1996	420	124	534
Turbine. Expandible-fluid.	B. S. Church. (Reissue.)	12,469	Apr. 3	1178	243-4	121	1622
Turbine. Explosion.	F. H. Grawert-Zellin.	819,990	May 8	1951	430-2	122	496
Turbine. Explosion.	A. L. Moss.	820,238	May 8	2463	533	122	611
Turbine. Fluid-pressure.	G. Westinghouse.	816,516	Mar. 27	5155	1093-4	121	1277
Turbine for boiler-cleaners.	F. M. Faber.	826,413	July 17	3467	721	123	907
Turbine for separators. Regulating.	W. Jørgensen.	832,198	Oct. 2	365	67	124	1301
Turbine. Fractional-supply.	J. W. O. Elling.	838,309	Dec. 11	2074	448-9	125	1912
Turbine. Fractional-supply steam and gas.	J. W. O. Elling.	821,347	May 22	4747	1010	122	1236
Turbine. Gas.	C. W. Shoemaker and J. M. Lithgow.	819,089	May 1	110	24-5	122	29
Turbine gate mechanism.	N. Lombard.	812,506	Feb. 13	1980	435	120	1969
Turbine governing mechanism.	R. H. Rice.	815,742	Mar. 20	3556	746-8	121	882
Turbine governing mechanism.	R. H. Rice.	815,743	Mar. 20	3555	748-9	121	884
Turbine governing mechanism.	D. Hurley.	815,833	Mar. 20	3762	790-1	121	925
Turbine governing mechanism.	W. L. R. Emmet.	822,256	June 5	54	12	122	1740
Turbine governing mechanism.	O. Junggren.	824,546	June 26	4595	977	122	2889
Turbine governing mechanism.	J. Wilkinson.	825,998	July 17	2687	557	123	719
Turbine governing mechanism.	J. Wilkinson.	825,999	July 17	2691	557	123	720
Turbine governing mechanism.	J. Wilkinson.	826,980	July 24	4642	967	123	1224
Turbine governor. Elastic-fluid.	J. Wilkinson.	818,008	Apr. 17	2911	628-9	121	2111
Turbine guiding means.	H. Lentz.	816,020	Mar. 27	4132	875-6	121	1058
Turbine. Hydraulic.	A. Bonom.	834,558	Oct. 30	5320	1129-30	124	2693
Turbine. Marine.	J. Wilkinson.	811,986	Feb. 6	917	201	120	1675
Turbine. Marine.	J. Wilkinson.	811,987	Feb. 6	919	202	120	1676
Turbine-motor.	N. W. Fletcher.	823,210	June 12	1990	414-15	122	2211
Turbine-motor.	N. W. Fletcher.	823,211	June 12	1995	415-16	122	2212
Turbine-motor.	K. P. Hangl.	838,538	Dec. 18	2524	546	125	2067
Turbine-motor. Internal-combustion.	C. C. Poole.	836,945	Nov. 27	4109	877	125	1148
Turbine. Multiple-stage-reaction.	P. F. Oddie.	822,149	May 29	6320	1344	122	1643
Turbine. Multistage.	O. Junggren.	834,476	Oct. 30	5172	1099	124	2655
Turbine. Multistage.	G. Meyersberg.	839,171	Dec. 25	3752	811	125	2414
Turbine. Multistage steam.	J. Stumpf.	819,616	May 1	1129	250	122	254
Turbine nozzle. Elastic-fluid.	J. Wilkinson.	823,909	June 19	3355	715	122	2567
Turbine nozzle. Elastic-fluid.	H. S. Baldwin.	829,831	Aug. 28	4394	927	123	2873
Turbine nozzle. Steam.	C. V. Kerr.	837,934	Dec. 11	1294	284	125	1718
Turbine operating system. Gas.	H. F. Blackwell.	819,202	May 1	331	71-2	122	82
Turbine or other engine driven machinery.	A. C. E. Rateau and G. Sautter. (Reissue.)	12,526	Aug. 28	4671	979	123	2943
Turbine regulating means.	A. Lund.	810,955	Jan. 30	4791	996-7	120	1201
Turbine regulating mechanism.	O. Junggren.	824,547	June 26	4605	978	122	2891
Turbine. Self-condensing.	R. S. Frindie.	833,482	Oct. 16	2982	632-4	124	2028
Turbine-shaft.	J. C. and H. A. Prescott.	828,826	Aug. 14	2257	480	123	2263
Turbine-shaft packing.	J. Wilkinson.	822,800	June 5	1125	232	122	1975
Turbine shaft. Steam.	C. A. Parsons, H. Hall, and J. Turnbull.	838,744	Dec. 18	2903	626-7	125	2160
Turbine. Steam.	J. Stumpf.	811,805	Feb. 6	509	114	120	1594

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Turbine. Steam.....	W. E. Shepard.....	811,878	Feb. 6	653	143-5	120	1624
Turbine. Steam.....	N. R. Smith.....	812,693	Feb. 13	2348	514	120	2041
Turbine. Steam.....	H. F. Fullagar.....	815,281	Mar. 13	2559	538-9	121	616
Turbine. Steam.....	C. F. Barth.....	816,207	Mar. 27	4514	958	121	1140
Turbine. Steam.....	D. Lumgair.....	816,487	Mar. 27	5101	1081	121	1265
Turbine. Steam.....	U. A. Rutledge.....	817,590	Apr. 10	2070	436	121	1867
Turbine. Steam.....	J. L. Moore.....	821,051	May 22	4155	884	122	1103
Turbine. Steam.....	J. Stumpf.....	821,599	May 22	5233	1116	122	1340
Turbine. Steam.....	C. A. Parsons and G. G. Stoney..	822,150	May 29	6323	1345	122	1644
Turbine. Steam.....	J. Stumpf.....	822,316	June 5	185	36	122	1768
Turbine. Steam.....	J. Stumpf.....	822,317	June 5	187	37	122	1768
Turbine. Steam.....	J. W. Smith.....	823,447	June 12	2440	514-15	122	2307
Turbine. Steam.....	A. I. Senior.....	823,641	June 19	2858	604	122	2458
Turbine. Steam.....	A. Vogt.....	825,364	July 10	1352	285	123	370
Turbine. Steam.....	H. J. Uhlenkott.....	828,443	Aug. 14	1510	318	123	2070
Turbine. Steam.....	W. F. Limberg.....	831,558	Sept. 25	3330	698-9	124	929
Turbine. Steam.....	J. Wilson.....	834,788	Oct. 30	5808	1232	124	2816
Turbine. Steam.....	M. Rotter.....	835,471	Nov. 6	1186	256	125	298
Turbine. Steam.....	U. G. Fernald.....	838,531	Dec. 18	2509	543	125	2063
Turbine. Steam or gas.....	J. Stumpf.....	811,752	Feb. 6	402	88	120	1574
Turbine-steamers. Starting and maneuvering apparatus for	J. Kraft.....	824,727	July 3	57	11	123	18
Turbine supporting means. Adjustable.....	J. Wilkinson.....	830,393	Sept. 4	1002	210	124	247
Turbine which utilizes gases from fire-chambers for reheating.	O. Junggren.....	829,791	Aug. 28	4320	912-13	123	2854
Turbines. Bucket for elastic-fluid.....	K. Ahlquist.....	824,521	June 26	4545	965	122	2880
Turbines. Controller mechanism for multiple-stage.	J. Wilkin.....	818,499	Apr. 24	3874	834	121	2368
Turbines. Driving.....	W. B. Sayers.....	818,856	Apr. 24	4626	993-4	121	2531
Turbines. Governing mechanism for elastic-fluid.	F. Samuelson.....	811,249	Jan. 30	5367	1120	120	1326
Turbines. Governing mechanism for elastic-fluid.	E. Thomson.....	822,324	June 5	199	40-1	122	1770
Turbines. Governing mechanism for elastic-fluid.	W. L. R. Emmet.....	822,887	June 5	1296	267	122	2010
Turbines. Governing-valve mechanism for.	O. Junggren.....	824,658	June 26	4815	1027	122	2937
Turbines. Hydraulic shaft-packing for.	J. F. Key.....	811,642	Feb. 6	214	46	120	1531
Turbines. Nozzle for elastic-fluid.	F. R. C. Boyd.....	814,425	Mar. 6	876	179	121	191
Turbines. Nozzle for elastic-fluid.	C. Bradway.....	814,426	Mar. 6	878	180	121	191
Turbines. Nozzle for elastic-fluid.	G. Meyersberg.....	814,466	Mar. 6	942	193	121	205
Turbines. Nozzle for elastic-fluid.	R. H. Rice.....	814,477	Mar. 6	965	198-9	121	210
Turbines. Operating.....	J. G. Dornbier.....	822,253	June 5	50	11	122	1739
Turbines or other cored castings. Manufacture of nozzles for elastic-fluid	H. Geisenhöner.....	829,865	Aug. 28	4463	943	123	2888
Turbines. Packing for elastic-fluid.....	W. L. R. Emmet.....	811,833	Feb. 6	554	122-3	120	1603
Turbines. Regulating mechanism for elastic-fluid	J. G. Callan.....	820,911	May 15	2844	820	122	974
Turbines. Shaft-bearing for elastic-fluid.....	R. H. Rice.....	834,078	Oct. 23	4358	926-7	124	2402
Turbines. Speed-governor for elastic-fluid.	J. G. Callan and F. R. C. Boyd..	830,910	May 15	3836	818-19	122	972
Turbines. Stop mechanism for elastic-fluid.	J. G. Callan.....	822,248	June 5	37	8	122	1737
Turfing implement.....	J. Bereha.....	836,623	Nov. 20	3403	726	125	935
Turn-table.....	C. P. Maver.....	817,434	Apr. 10	1766	370-1	121	1805
Turn-table.....	J. Schnell.....	823,552	June 19	2689	568-9	122	2419
Turn-table.....	C. K. Ernst.....	824,632	June 26	4769	1016	122	2927
Turn-table.....	H. Bandmann.....	832,650	Oct. 9	1278	258	124	1561
Turn-table.....	C. W. Hillenbrand.....	833,329	Dec. 11	2114	456	125	1923
Turn-table. Automobile.....	E. A. Turner.....	816,620	Apr. 3	159	33	121	1396
Turn-table. Portable.....	C. W. Hillenbrand.....	819,014	Apr. 24	4921	1056-7	121	2596
Turn-tables. Propelling-wheel for.	J. L. Pilling.....	822,221	May 29	6455	1371	122	1673
Turned articles. Apparatus for making.	C. Hird.....	835,525	Nov. 13	1292	277-8	125	370
Turning and boring articles, such as spools, &c. Machine for	H. K. Stockwell.....	815,567	Mar. 20	3181	668	121	800
Turning machine. Lip.....	R. Mitchell.....	818,774	Apr. 24	4470	958	121	2498
Turning, shaping, and finishing machine. Automatic	A. R. Weisz.....	813,187	Feb. 20	3329	732-3	120	2301
Turning-tool.....	G. D. Barlow.....	811,027	Jan. 30	4925	1027	120	1230
Turnbuckle.....	J. A. Steinmetz.....	809,030	Jan. 2	799	173	120	176
Turnbuckle.....	J. O. C. Briggs.....	836,063	Nov. 13	2267	484	125	608
Turnstile registering or indicating device.	A. Marsh.....	809,828	Jan. 9	2431	505	120	568
Turpentine-box.....	W. E. Kenner.....	831,443	Sept. 18	3091	655	124	832
Turpentine box and spout.....	S. G. Lewis and V. J. Ward.....	833,009	Oct. 16	3242	689	124	2088
Turpentine-box-cutting machine.....	R. L. Ivey and R. D. McDonald..	809,444	Jan. 9	1700	349-51	120	407
Turpentine. Clarifying and deodorizing oil-of-wood.	E. Heber.....	830,069	Sept. 4	319	124	78	
Turpentine-collecting spout. Crude.....	J. I. Hatfield.....	810,752	Jan. 23	4358	905	120	1074
Turpentine-cup.....	A. S. White and G. L. Gardner.....	832,515	Oct. 2	986	198	124	1449
Turpentine. Digester for extracting spirits of.	F. D. McMillan.....	827,554	July 31	5935	1230-1	123	1557
Turpentine-gathering spout.....	J. I. Hatfield.....	812,652	Feb. 13	2281	496	120	2028
Turpentine-gutter.....	J. W. Kennedy.....	811,069	Jan. 30	4992	1041	120	1245
Turpentine. Refining.....	G. O. Gilmer.....	813,088	Feb. 20	3128	685	120	2258
Turpentine, rosin, &c. from wood. Obtaining.	W. K. Hale and C. W. Kürsteiner..	828,474	Aug. 14	1581	334	123	2090
Turpentine. Treating wood for the extraction of.	F. T. Snyder.....	821,264	May 22	4564	970	122	1193
Tweezers and blackhead-remover. Combined.	H. H. Severin.....	834,683	Oct. 30	5586	1185	124	2761
Tweezers, needle, and eye-curette. Combined.	E. Pastore.....	809,579	Jan. 9	1959	407	120	463
Twine and thread cutter.....	H. Myer and M. Koeniges.....	814,153	Mar. 6	296	59	121	65
Twine, cord, &c.....	C. I. Goessmann.....	830,221	Sept. 4	653	124	166	
Twine-cutter.....	J. W. Gibbs.....	826,026	July 17	2740	567	123	733
Twine-holder.....	B. Levison.....	814,462	Mar. 6	936	192	121	204
Twine-holder.....	O. S. Gage.....	817,143	Apr. 3	1167	241	121	1619
Twine-holder.....	E. W. Gray.....	817,240	Apr. 10	1375	289	121	1723
Twine-holder.....	E. O. Bulman.....	821,015	May 22	4084	870	122	1088
Twine holder and cutter.....	H. Stolpe.....	817,598	Apr. 10	2082	439-40	121	1870
Twine holder and cutter.....	G. A. Olson.....	833,237	Oct. 16	2470	517	124	1901
Twine holder and take-up.....	F. W. Coucutt.....	819,521	May 1	958	210	122	214
Twine holder and take-up.....	J. L. Orr.....	834,019	Oct. 23	4236	898	124	2375
Twine machine. Grass.....	T. W. Jerrems.....	824,792	July 3	208	37-8	123	59
Twine machine. Grass.....	T. W. Jerrems.....	824,793	July 3	211	38-9	123	60
Twine-machines. Grass-feeding mechanism for.	T. W. Jerrems.....	824,871	July 3	383	73	123	105
Twine. Waterproofing.....	H. Feder.....	812,837	Feb. 20	2637	120	2149	
Twist-drill.....	P. W. Fawcett.....	824,346	June 26	4177	893	122	2801
Twist-drill.....	E. C. Peck.....	826,525	July 17	3745	777	123	982
Twist drill and socket.....	A. L. and A. H. Beardsley.....	833,113	Oct. 9	2188	460	124	1781

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Page.	Vol.	Page.
Twisting and spinning fibrous materials. Machine for	D. C. Sweet	835,577	Nov. 13	1394	299	125	397
Twisting-machine	D. Metzger	821,814	May 29	5690	1212	122	1500
Twisting-machines, &c. Separator for	J. A. Jamieson	828,661	Aug. 14	1939	409	123	2181
Tying a slip-noose. Machine for	W. C. Wetherell	839,241	Dec. 25	3888	836-7	125	2446
Type	K. U. Whitted	813,848	Feb. 27	4652	1029	120	2645
Type	H. C. Gammeter	836,026	Nov. 13	2200	471	125	591
Type and cylinder. Adjustable curved	H. L. Koehler	811,727	Feb. 6	358	79	120	1565
Type and plate. Interchangeable curved	H. L. Koehler	811,776	Feb. 6	450	97	120	1584
Type and type-holder	W. Laycock	835,795	Nov. 13	1799	382	125	498
Type-bar hanger	W. H. Pike, Jr.	813,664	Feb. 27	4287	944	120	2567
Type-casting machine	W. A. Schraubstadter	828,059	Aug. 7	743	153-5	123	1854
Type-casting machine	H. S. Wilson	828,080	Aug. 7	786	162-3	123	1865
Type-casting machine	J. S. Bancroft and M. C. Indahl	828,450	Aug. 14	1525	321-2	123	2074
Type-casting mold	P. G. Nuernberger and G. Rettig, Jr.	830,358	Sept. 4	992	191	124	228
Type-column. Forming an integral	F. Pierce	837,879	Dec. 4	1186	262	125	1648
Type composing and justifying machine	A. Dow	833,956	Oct. 23	4028	853-66	124	2325
Type-distributing machine	F. A. Johnson	829,157	Aug. 21	2969	620-2	123	2476
Type-distributing machine	F. McClintock	834,397	Oct. 30	5033	1066-7	124	2620
Type-distributing machine	F. McClintock	836,332	Nov. 20	2850	605	125	805
Type-distributing mechanism	H. C. Hensel	810,205	Jan. 16	3219	667	120	786
Type-form leveler	A. S. Allen	811,354	Jan. 30	5565	1161	120	1368
Type-handling implement for printers	D. C. Shaw	825,425	July 10	1513	313	123	412
Type-justifying machine	F. McClintock	839,504	Dec. 25	4420	943-4	125	2576
Type-justifying mechanism	F. McClintock	836,697	Nov. 27	3596	766	125	1017
Type-making machine	R. C. Vetter	834,777	Oct. 30	5784	1228-9	124	2809
Type-making mechanism	F. A. Johnson	814,048	Mar. 6	96	18	121	22
Type-perfecting mechanism	W. A. Schraubstadter	821,127	May 22	4309	917-18	122	1137
Type. Printing	C. B. Askew	821,076	May 22	4211	895	122	1116
Type-receptacle	E. M. Couch	826,545	July 24	3810	789	123	1014
Type-setter's machine	J. G. Gosselin	811,285	Jan. 30	5440	1134	120	1341
Type setting and distributing machine	A. G. Baker	835,346	Nov. 6	944	200-1	125	238
Type setting and justifying machine	F. A. Johnson	826,578	July 24	3882	804-5	123	1032
Type setting and justifying machine	F. A. Johnson	836,687	Nov. 27	3567	760-2	125	1012
Type setting and justifying machine and the art relating thereto	A. Dow	833,955	Oct. 23	3975	844-53	124	2317
Type-setting machine	J. S. Duncan	811,623	Feb. 6	174	38-40	120	1524
Type-setting machine	W. J. Ennisson	814,681	Mar. 13	1376	288-90	121	359
Type-setting machine	A. Dow	833,957	Oct. 23	4065	866-9	124	2331
Type-setting machine	W. P. Quentell	834,164	Oct. 23	4552	966	124	2455
Type setting machine	F. McClintock	836,698	Nov. 27	3597	767	125	1013
Type-setting machines. Case-handling device for	A. Dow	833,958	Oct. 23	4076	869-70	124	2333
Type. Space for justifying lines of	D. B. Ray	813,912	Feb. 27	4777	1054	120	2672
Type. Space for justifying lines of	D. B. Ray	821,885	May 29	5804	1237	122	1524
Type-wheel alinement	C. A. Bennett	810,024	Jan. 16	2839	587	120	707
Type-writer	J. and A. Dey	814,119	Mar. 6	235	45	121	51
Type-writer	W. Baxter, Jr.	816,552	Apr. 3	1	1	121	1355
Type-writer	W. Baxter, Jr.	816,637	Apr. 3	192	45	121	1403
Type-writer	F. P. Shepard	821,263	May 22	4561	970	122	1193
Type-writer	J. W. Paul	824,579	June 26	4659	991-2	122	2902
Type-writer	A. H. Hogen	825,728	July 10	2178	455	123	577
Type-writer	G. W. Donning	826,487	July 17	3663	758-60	123	962
Type-writer	G. W. Donning	826,488	July 17	3676	761-2	123	966
Type-writer	L. G. Garrett	826,561	July 24	3845	795-6	123	1023
Type-writer	S. H. Farnham	831,047	Sept. 18	2303	487	124	642
Type-writer	S. H. Farnham	831,502	Sept. 18	3195	676	124	859
Type-writer	M. F. J. A. Knie and A. J. Linhart	832,389	Oct. 2	742	145	124	1391
Type-writer	H. Cross and G. J. Griffiths	834,565	Oct. 30	5332	1132-3	124	2696
Type-writer	J. J. Greenough	835,133	Nov. 6	520	105	125	134
Type-writer	L. Sholes	836,999	Nov. 27	4219	898	125	1173
Type-writer	M. J. Payne	837,333	Dec. 4	118	31-2	125	1384
Type-writer	H. Cross	837,611	Dec. 4	674	154-5	125	1522
Type-writer adding attachment	G. I. Weeks	838,068	Dec. 11	1591	341-2	125	1793
Type-writer adding machine. Combined	A. S. Dennis	817,302	Apr. 10	1500	314	121	1747
Type-writer attachment	C. F. Washburn	822,327	June 5	209	42	122	1772
Type-writer attachment	J. A. Ruffin	836,143	Nov. 20	2462	517-18	125	710
Type-writer. Book	W. M. Rule	837,343	Dec. 4	133	33-4	125	1388
Type-writer cabinet	W. W. Johnston and W. T. Watts	810,416	Jan. 23	3712	765	120	928
Type-writer carriage	B. T. Bruce. (Reissue)	12,508	July 17	3765	780	123	987
Type-writer carriage	J. B. Secor	827,042	July 24	4765	994-5	123	1253
Type-writer carriage	G. J. Griffiths and E. M. Ingersoll	829,106	Aug. 21	2846	597-8	123	2445
Type-writer carriage-release device	E. M. Ingersoll	837,569	Dec. 4	571	133	125	1498
Type-writer carriage-stop	J. Alexander	833,286	Oct. 16	2569	537	124	1927
Type-writer clamp	A. J. Thom	826,626	July 24	3986	825	123	1061
Type-writer construction	J. Alexander	833,283	Oct. 16	2561	534-5	124	1924
Type-writer controlling attachment	S. A. Hardman	817,242	Apr. 10	1378	289-90	121	1724
Type-writer copy-holder	E. A. Holritz	821,099	May 22	4256	905	122	1126
Type-writer cushion-key	G. W. Munson and T. F. Hodgkiss	832,617	Oct. 9	1214	244	124	1546
Type-writer desk	J. Vaaler	820,272	May 8	2539	550	122	629
Type-writer. Electrically-operated	W. J. Roussel	811,247	Jan. 30	5359	1119	120	1324
Type-writer escapement mechanism	C. J. Paulson	833,971	Oct. 23	4109	874	124	2342
Type-writer feeding mechanism	L. E. Wilkes	833,360	Oct. 16	2710	572	124	1964
Type-writer paper-feeding device	C. Gabrielson	829,465	Aug. 28	3633	763-4	123	2686
Type-writer paper-feeding mechanism	J. Alexander	833,285	Oct. 16	2568	536	124	1927
Type-writer paper-presser	G. W. Donning	826,486	July 17	3658	758	123	961
Type-writer platen	C. K. Bradford	837,279	Dec. 4	18	7	125	1359
Type-writer platen-shifting mechanism	J. Alexander	833,284	Oct. 16	2565	536	124	1926
Type-writer platen-spacing device	M. Klaczko	837,625	Dec. 4	692	159	125	1526
Type-writer. Pneumatic	M. Soblik	818,200	Apr. 17	3300	706	121	2193
Type-writer pointer	G. J. Barrett	835,494	Nov. 13	1235	266	125	356
Type-writer printing mechanism	J. B. Hammond	825,966	July 17	2619	544	123	700
Type-writer ribbon attachment. Sight-writing	C. A. Joerissen	821,643	May 29	5334	1136	122	1420
Type-writer ribbon-feed	W. H. Sherwood	822,993	June 12	1514	315	122	2107
Type-writer ribbon mechanism	G. W. Donning	826,431	July 17	3616	752-4	123	945

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Type-writer ribbon mechanism.....	W. R. Fox and G. J. Barrett.....	837,554	Dec. 4	542	127	125	1490
Type-writer ribbon-operating mechanism.....	J. Alexander.....	833,287	Oct. 16	2572	537-8	124	1928
Type-writer ribbon-shifting mechanism.....	W. L. Cooke.....	818,745	Apr. 24	4408	943-4	121	2485
Type-writer ribbon-threader.....	N. L. Anderson.....	835,722	Nov. 13	1661	352	125	463
Type-writer roller.....	W. A. Small.....	811,800	Feb. 6	503	112	120	1593
Type-writer ruling attachment.....	H. Altshul.....	818,732	Apr. 24	4377	937	121	2478
Type-writer selecting and operating means. Electrical.....	G. W. Donning.....	826,485	July 17	3652	757	123	959
Type-writer shuttle and driving mechanism.....	J. B. Hammond.....	825,968	July 17	2622	545	123	701
Type-writer shuttle and driving mechanism therefor.....	J. B. Hammond.....	825,967	July 17	2620	545	123	701
Type-writer stop device.....	W. R. Fox.....	839,746	Dec. 25	4914	1050	125	2697
Type-writer tabulator.....	W. R. Fox.....	839,129	Dec. 25	3669	794	125	2394
Type-writer variable-spacing mechanism.....	N. G. Ellis.....	828,201	Aug. 7	1003	209	123	1916
Type-writer. Vertical-plane.....	H. S. Dukes.....	827,514	July 31	5854	1213	123	1537
Type-writer work-gage.....	H. D. Bolton.....	830,047	Sept. 4	271	55	124	66
Type-writer work-holder. Flat-platen.....	G. W. Donning.....	813,489	Feb. 27	3944	865	120	2492
Type-writers. Adjustable line-predetermining device for.....	C. A. Shea.....	815,644	Mar. 20	3341	700	121	836
Type-writers. Ball retaining and locating device for.....	W. R. Fox.....	819,270	May 1	483	100	122	112
Type-writers. Card-holding device for.....	J. C. McLaughlin.....	816,174	Mar. 27	4450	942	121	1126
Type-writers. Device for indicating the printing-point on.....	F. P. Shepard.....	837,588	Dec. 4	626	145	125	1509
Type-writers. Folding copy-holder for.....	C. C. Chrisman.....	834,262	Oct. 30	4773	1009	124	2555
Type-writers. Interchangeable platen for.....	C. J. Mohs.....	814,719	Mar. 13	1458	306	121	378
Type-writers. Paper-movement indicator for.....	C. C. Poole.....	811,172	Jan. 30	5207	1089	120	1290
Type-writers. Paper-movement indicator for.....	C. C. Poole.....	811,173	Jan. 30	5211	1089	120	1291
Type-writers. Printing-point indicator for.....	G. Persson.....	836,944	Nov. 27	4107	877	125	1147
Type-writers. Shift-key action for.....	F. P. Shepard.....	821,262	May 22	4558	970	122	1192
Type-writing and adding machines. Register-support for.....	P. H. Turley.....	820,833	May 15	3664	782	122	934
Type-writing and calculating machine. Combined.....	C. F. Laganke.....	820,882	May 15	3782	806-7	122	961
Type-writing, calculating, and calculator-recording machine.....	H. Ellis. (Reissue).....	12,528	Aug. 28	4679	980-3	123	2945
Type-writing machine.....	H. L. Arnold.....	808,714	Jan. 2	176	40	120	39
Type-writing machine.....	H. W. Merritt.....	808,771	Jan. 2	299	65	120	68
Type-writing machine.....	C. H. Shepard.....	808,875	Jan. 2	492	106-7	120	110
Type-writing machine.....	L. C. Neff.....	809,391	Jan. 9	1593	324	120	384
Type-writing machine.....	J. Felbel.....	809,675	Jan. 9	2164	448	120	507
Type-writing machine.....	C. E. Peterson.....	809,979	Jan. 16	2740	564	120	687
Type-writing machine.....	J. A. Hagerstrom.....	810,202	Jan. 16	3214	666	120	785
Type-writing machine.....	B. C. Stickney.....	810,359	Jan. 16	3552	730-1	120	859
Type-writing machine.....	B. C. Stickney.....	810,360	Jan. 16	3555	731-2	120	860
Type-writing machine.....	B. C. Stickney.....	811,182	Jan. 30	5230	1095	120	1294
Type-writing machine.....	B. C. Stickney.....	811,183	Jan. 30	5232	1095	120	1295
Type-writing machine.....	G. W. Campbell.....	811,481	Jan. 30	5779	1210	120	1412
Type-writing machine.....	E. J. Barker.....	812,177	Feb. 13	1344	292-3	120	1831
Type-writing machine.....	B. A. Brooks.....	812,782	Feb. 13	2514	553	120	2076
Type-writing machine.....	A. J. Briggs.....	813,345	Feb. 20	3643	799	120	2366
Type-writing machine.....	J. E. Molle.....	813,570	Feb. 27	4113	901-2	120	2530
Type-writing machine.....	E. G. Latta.....	814,144	Mar. 6	280	56	121	61
Type-writing machine.....	H. W. Merritt and W. J. Barron.....	814,310	Mar. 6	615	127	121	133
Type-writing machine.....	W. A. Robbins and B. S. Hyatt.....	814,623	Mar. 6	1238	261	121	268
Type-writing machine.....	G. H. Smith.....	814,739	Mar. 13	1496	317	121	387
Type-writing machine.....	E. F. Kunath.....	815,101	Mar. 13	2201	463-4	121	534
Type-writing machine.....	J. Felbel.....	815,339	Mar. 20	2726	568-9	121	699
Type-writing machine.....	J. Felbel.....	815,340	Mar. 20	2734	570	121	702
Type-writing machine.....	B. C. Stickney.....	815,565	Mar. 20	3177	667	121	799
Type-writing machine.....	E. F. Kunath.....	815,595	Mar. 20	3224	678-9	121	810
Type-writing machine.....	L. Ney.....	816,118	Mar. 27	4339	919	121	1103
Type-writing machine.....	F. X. Wagner. (Reissue).....	12,465	Mar. 27	5234	1110	121	1296
Type-writing machine.....	E. F. Kunath.....	816,585	Apr. 3	62	15	121	1369
Type-writing machine.....	E. F. Kunath.....	816,919	Apr. 3	739	152	121	1522
Type-writing machine.....	E. F. Kunath.....	817,923	Apr. 17	2740	595	121	2071
Type-writing machine.....	E. F. Kunath.....	817,924	Apr. 17	2745	595-6	121	2073
Type-writing machine.....	A. W. Smith.....	818,569	Apr. 24	4037	866	121	2402
Type-writing machine.....	E. G. Latta.....	819,353	May 1	650	137	122	148
Type-writing machine.....	H. A. Moyer and E. G. Latta.....	819,365	May 1	675	142	122	154
Type-writing machine.....	E. G. Latta.....	819,773	May 8	1467	313-14	122	388
Type-writing machine.....	H. A. Moyer and E. G. Latta.....	819,782	May 8	1483	318	122	392
Type-writing machine.....	H. S. McCormack.....	819,785	May 8	1493	319-20	122	394
Type-writing machine.....	H. S. McCormack.....	819,786	May 8	1502	320-1	122	397
Type-writing machine.....	F. X. Wagner.....	819,963	May 8	1886	417-18	122	482
Type-writing machine.....	H. Jarvis.....	819,998	May 8	1979	436	122	504
Type-writing machine.....	E. F. Kunath.....	820,505	May 15	3015	648-9	122	792
Type-writing machine.....	H. A. Moyer.....	820,935	May 15	3888	829-30	122	984
Type-writing machine.....	W. F. Helmond.....	821,036	May 22	4129	877	122	1098
Type-writing machine.....	E. G. Latta.....	821,107	May 22	4266	908	122	1128
Type-writing machine.....	G. A. Seib.....	821,382	May 22	4822	1025	122	1252
Type-writing machine.....	C. Gabrielson.....	822,938	June 12	1406	294	122	2081
Type-writing machine.....	C. W. Walker.....	823,010	June 12	1553	323-4	122	2115
Type-writing machine.....	G. H. Smith.....	824,157	June 26	3812	813-14	122	2723
Type-writing machine.....	W. C. Farnum.....	824,418	June 26	4343	924	122	2833
Type-writing machine.....	M. W. Pool.....	824,581	June 26	4665	993	122	2905
Type-writing machine.....	M. W. Pool.....	824,582	June 26	4672	994	122	2906
Type-writing machine.....	R. von Sothen.....	824,597	June 26	4702	1000	122	2913
Type-writing machine.....	A. Bontempi.....	825,261	July 3	1131	240-1	123	294
Type-writing machine.....	E. McArthur and A. L. Rosmann.....	825,335	July 10	1296	272-3	123	356
Type-writing machine.....	J. F. Forkarth.....	825,899	July 17	2492	518-19	123	665
Type-writing machine.....	E. J. Barker.....	826,010	July 17	2712	561	123	726
Type-writing machine.....	G. W. Donning.....	826,482	July 17	3620	754-5	123	946
Type-writing machine.....	G. W. Sherin.....	826,616	July 24	3972	822	123	1057
Type-writing machine.....	G. H. Smith.....	827,044	July 24	4769	966-7	123	1254
Type-writing machine.....	J. Ziegler.....	827,136	July 31	4991	1042-3	123	1322
Type-writing machine.....	G. M. Kitzmiller.....	827,538	July 31	5907	1224-5	123	1549
Type-writing machine.....	H. A. Briggs.....	827,704	Aug. 7	18	4	123	1675

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Pr. g.	Vol.	Page.
Type-writing machine.....	W. F. Helmond.....	827,726	Aug. 7	63	13	123	1686
Type-writing machine.....	E. F. Kunath.....	827,735	Aug. 7	76	15	123	1689
Type-writing machine.....	G. M. Kitzmiller.....	827,805	Aug. 7	235	47-8	123	1730
Type-writing machine.....	H. A. Sanderson.....	827,942	Aug. 7	492	101	123	1793
Type-writing machine.....	W. F. Helmond.....	828,548	Aug. 14	1731	365	123	2127
Type-writing machine.....	A. H. Dahl.....	828,843	Aug. 14	2296	490	123	2273
Type-writing machine.....	F. X. Wagner.....	829,494	Aug. 28	3685	778	123	2698
Type-writing machine.....	H. S. McCormack.....	829,989	Sept. 4	149	25	124	36
Type-writing machine.....	R. E. Turner.....	830,115	Sept. 4	416	85-7	124	102
Type-writing machine.....	O. C. Kayle.....	830,480	Sept. 4	1175	245-6	124	291
Type-writing machine.....	F. A. Cook.....	831,935	Sept. 25	4118	858-9	124	1133
Type-writing machine.....	W. F. Helmond and F. A. Cook.....	831,951	Sept. 25	4150	865	124	1141
Type-writing machine.....	A. A. Wensinger.....	832,105	Oct. 2	166	33-4	124	1255
Type-writing machine.....	T. L. Dennis.....	832,244	Oct. 2	406	86	124	1325
Type-writing machine.....	E. E. Barney.....	833,112	Oct. 9	2185	459	124	1781
Type-writing machine.....	A. W. Hewitt.....	833,166	Oct. 16	2305	484	124	1858
Type-writing machine.....	E. F. Kunath.....	833,227	Oct. 16	2446	512	124	1894
Type-writing machine.....	J. Alexander.....	833,280	Oct. 16	2553	533	124	1922
Type-writing machine.....	J. Alexander.....	833,281	Oct. 16	2556	533	124	1923
Type-writing machine.....	J. Alexander.....	833,282	Oct. 16	2558	534	124	1924
Type-writing machine.....	O. Woodward.....	833,495	Oct. 16	3008	638-9	124	2032
Type-writing machine.....	E. F. Kunath.....	833,840	Oct. 23	3720	792	124	2250
Type-writing machine.....	W. J. Barron and H. W. Merritt.....	833,864	Oct. 23	3767	801-2	124	2263
Type-writing machine.....	N. Thompson.....	834,917	Nov. 6	139	27	125	39
Type-writing machine.....	J. H. Barr.....	835,233	Nov. 6	710	146-7	125	179
Type-writing machine.....	L. Meyer and J. B. Losey.....	835,453	Nov. 6	1159	250	125	291
Type-writing machine.....	J. Felbel.....	835,509	Nov. 13	1262	271	125	363
Type-writing machine.....	R. H. Strother.....	835,575	Nov. 13	1388	298	125	395
Type-writing machine.....	A. T. Brown.....	836,858	Nov. 27	3908	834-5	125	1100
Type-writing machine.....	E. F. Kunath.....	836,932	Nov. 27	4087	872-3	125	1141
Type-writing machine.....	A. T. Brown.....	837,031	Nov. 27	4279	911	125	1186
Type-writing machine.....	A. T. Brown.....	837,032	Nov. 27	4292	912	125	1191
Type-writing machine.....	G. A. Seib.....	837,131	Nov. 27	4483	951-2	125	1239
Type-writing machine.....	C. H. F. Plummer and J. E. L. Blackmore.....	837,639	Dec. 4	720	165-6	125	1533
Type-writing machine.....	J. Felbel.....	837,920	Dec. 11	1273	279	125	1713
Type-writing machine.....	J. K. McCathran.....	838,045	Dec. 11	1525	327-8	125	1778
Type-writing machine.....	W. F. Helmond.....	838,328	Dec. 11	2111	456	125	1922
Type-writing machine.....	J. Felbel.....	838,396	Dec. 11	2248	486	125	1955
Type-writing machine.....	J. C. McLaughlin.....	839,408	Dec. 25	4214	902	125	2525
Type-writing machine.....	J. C. McLaughlin.....	839,409	Dec. 25	4217	903	125	2526
Type-writing machine.....	A. T. MacCoy.....	839,492	Dec. 25	4387	937-9	125	2568
Type-writing machine.....	L. Myers.....	839,503	Dec. 25	4419	942-4	125	2576
Type-writing-machine adding device.....	C. R. Martineau.....	815,724	Mar. 20	3501	733-5	121	871
Type-writing-machine attachment.....	E. F. Elmberg.....	810,895	Jan. 23	4646	969	120	1134
Type-writing-machine attachment.....	A. H. Martin.....	819,778	May 8	1476	316	122	390
Type-writing-machine back-spacing attachment.....	G. A. Rine.....	812,680	Feb. 13	2326	507	120	2037
Type-writing-machine carriage.....	J. B. Secor.....	827,040	July 24	4759	993-4	123	1252
Type-writing-machine carriage.....	H. Hill.....	835,823	Nov. 13	1860	393	125	513
Type-writing-machine carriage-feed mechanism.....	E. Fahl.....	819,008	Apr. 24	4910	1054	121	2594
Type-writing-machine computing attachment.....	J. H. Neal.....	821,428	May 22	4924	1046-7	122	1274
Type-writing-machine cyclometer attachment.....	G. W. Simmons.....	813,525	Feb. 27	4021	881	120	2510
Type-writing-machine keyboard.....	J. H. Laudenbach.....	825,845	July 10	2396	499	123	631
Type-writing-machine paper-guide.....	E. M. Ingersoll.....	824,362	June 26	4203	898	122	2806
Type-writing-machine platen.....	H. J. Halle.....	827,150	July 31	5043	1051-2	123	1338
Type-writing-machine platen-shift mechanism.....	J. B. Secor.....	826,892	July 24	4495	936-7	123	1187
Type-writing-machine platen-shifting mechanism.....	J. B. Secor.....	827,041	July 24	4762	994	123	1253
Type-writing-machine ribbon-guide.....	H. D. Bolton.....	838,073	Dec. 11	1601	344	125	1796
Type-writing-machine ruling device.....	S. Horr.....	829,108	Aug. 21	2852	598	123	2447
Type-writing-machine shifting device.....	J. B. Sken and J. M. Grafton.....	831,387	Sept. 18	2989	635	124	806
Type-writing-machine. Shorthand.....	P. A. Voget.....	833,431	Oct. 16	2869	607-8	124	2002
Type-writing-machine. Stenographic.....	C. E. Keel.....	810,209	Jan. 16	3229	668-9	120	788
Type-writing-machine tabulating mechanism.....	H. Jarvis.....	819,433	May 1	806	173	122	181
Type-writing-machine type-bar.....	G. Riebe.....	822,303	June 5	161	32	122	1764
Type-writing-machine type-bar.....	F. A. Peterson.....	822,386	June 5	311	63	122	1793
Type-writing-machine type-cleaning device.....	S. E. Halsey.....	811,394	Jan. 30	5631	1179	120	1382
Type-writing-machines. Computing mechanism for.....	C. F. Laganke and J. A. Smith.....	825,469	July 10	1597	332-4	123	434
Type-writing-machines. Line-lock device for.....	J. B. Secor.....	829,297	Aug. 21	3255	686	123	2544
Type-writing-machines. Line-spacing and carriage-releasing mechanism for.....	E. G. Latta.....	822,210	May 29	6435	1366	122	1668
Type-writing machines. Manifolded-ribbon mechanism for.....	H. J. Halle.....	825,457	July 10	1576	327-9	123	429
Type-writing machines. Marginal paper-guide for.....	A. A. Anderson.....	829,093	Aug. 21	2809	590	123	2435
Type-writing machines. Mounting of the platen-roller in.....	C. J. Mohns.....	829,929	Aug. 28	4614	971	123	2928
Type-writing machines. Securing means for the hangers of.....	H. A. Moyer.....	819,366	May 1	679	142-3	122	155
Type-writing machines. Securing means for the hangers for.....	H. A. Moyer.....	832,802	Oct. 9	1585	325	124	1632
Typographic machine.....	C. Muehleisen.....	812,585	Feb. 13	2157	472	120	2006
Typographic machine.....	C. Muehleisen.....	828,564	Aug. 14	1762	370-1	123	2137
Typographic machine.....	A. Greenleaf.....	834,123	Oct. 23	4473	950	124	2434
Umbrella.....	M. G. McGuire.....	808,863	Jan. 2	459	101	120	102
Umbrella.....	G. K. Garrett.....	814,035	Mar. 6	75	14	121	17
Umbrella.....	W. A. Stettner.....	814,884	Mar. 13	1765	369	121	443
Umbrella.....	E. W. Crane.....	815,797	Mar. 20	3680	776	121	908
Umbrella.....	P. M. and J. R. Guiou.....	824,178	June 26	3852	822	122	2731
Umbrella.....	D. L. Osborn.....	824,378	June 26	4249	905	122	2814
Umbrella.....	W. W. Ream.....	828,777	Aug. 14	2173	459	123	2241
Umbrella.....	G. S. and J. M. Bowling.....	828,810	Aug. 14	2227	473	123	2255
Umbrella.....	J. A. Whittington.....	828,990	Aug. 21	2600	548	123	2379
Umbrella.....	C. T. von Wallmenich.....	830,866	Sept. 11	1960	411	124	525
Umbrella.....	G. K. Sawaya.....	831,381	Sept. 18	2979	633	124	804
Umbrella.....	T. B. Abbott.....	833,724	Oct. 23	3457	738	124	2185
Umbrella.....	G. A. Mangelsdorf.....	835,306	Nov. 6	859	182-3	125	217
Umbrella.....	J. F. Martin.....	838,261	Dec. 11	1996	428	125	1894

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Umbrella.....	H. B. Gra.....	839,473	Dec. 25	4353	932	125	2560
Umbrella attachment.....	M. A. Brunner.....	809,551	Jan. 9	1904	395	120	451
Umbrella. Folding.....	J. H. Nevlin.....	811,948	Feb. 6	827	182	120	1658
Umbrella. Folding.....	N. I. and S. L. Newlin.....	822,245	May 8	2494	538-9	122	619
Umbrella. Folding.....	F. L. Atherton.....	827,599	July 31	6012	1251	123	1575
Umbrella. Folding.....	F. E. Hyatt.....	828,605	Aug. 14	1832	386	123	2155
Umbrella. Folding.....	C. Eaton.....	829,858	Aug. 28	4451	941	123	2886
Umbrella. Folding.....	M. B. Zuber.....	832,355	Oct. 2	675	129-30	124	1374
Umbrella. Folding.....	C. H. Ely, J. W. Danser, and H. I. Schanck.....	838,092	Dec. 11	1638	353	125	1806
Umbrella. Folding.....	F. A. Pelusi.....	838,895	Dec. 18	3187	688	125	2228
Umbrella. Folding.....	R. C. Brotsher.....	839,717	Dec. 25	4859	1038	125	2683
Umbrella-frame.....	M. B. Zuber.....	834,861	Oct. 30	5951	1264	124	2852
Umbrella-frame.....	W. Haackel.....	838,984	Dec. 18	3331	720	125	2261
Umbrella-handle-fastening device.....	W. E. Moulton.....	818,701	Apr. 24	4316	925	121	2465
Umbrella notch and runner.....	J. B. Riehl.....	837,731	Dec. 4	915	207	125	1583
Umbrella-rib and stretcher connection therefor.....	J. V. Brady.....	831,823	Sept. 25	3873	811	124	1072
Umbrella-ribs. Emergency-repairer for broken.....	J. W. De Castro.....	830,307	Sept. 4	827	169	124	207
Umbrella runner and upper notch. Wireless.....	H. L. Furlow.....	820,295	May 8	2590	564	122	639
Umbrella runner or notch.....	C. MacMillan.....	819,238	May 1	411	86	122	97
Umbrella-stand.....	T. L. Monaghan.....	830,843	Sept. 11	1924	403	124	516
Umbrellas, &c. Detachable handle for.....	E. C. Kuhn.....	829,719	Aug. 28	4163	881	123	2814
Umbrellas. Device for holding expanded.....	E. Nootbaar.....	821,822	May 29	5703	1215	122	1503
Umbrellas, &c. Marking device for.....	C. Weaver.....	815,054	Mar. 13	2112	445	121	516
Unbuttoning device or implement.....	A. G. York.....	825,790	July 10	2298	478	123	606
Undercutter-support.....	F. H. Lamb.....	830,238	Sept. 4	680	136	124	171
Underfeed-furnace.....	W. R. Wood.....	818,010	Apr. 17	2923	630-1	121	2113
Undergarment.....	C. A. Powell.....	824,140	June 26	3774	805	122	2714
Undergarment.....	L. J. Critcher.....	828,463	Aug. 14	1554	329	123	2083
Undergarment.....	C. B. Stephenson.....	837,516	Dec. 4	461	105	125	1471
Undergarment and testes-supporter. Combined.....	W. C. A. Bullock.....	816,963	Apr. 3	837	172	121	1543
Undergarment. Lady's.....	W. S. Lodge.....	821,046	May 22	4148	881	122	1102
Undergarment. Union.....	J. Pennington.....	816,880	Apr. 3	663	138	121	1506
Undergarment. Union.....	E. Niederauer.....	826,797	July 24	4294	803	123	1140
Underreamer.....	F. W. Jones.....	809,570	Jan. 9	1942	403	120	459
Underreamer.....	E. Double.....	820,101	May 8	2209	480	122	555
Underreamer.....	E. C. Wilson.....	827,595	July 31	6004	1249-50	123	1573
Underreamer.....	J. F. Thompson.....	839,675	Dec. 25	4764	1018	125	2659
Underskirt. Woman's.....	A. L. Sykes.....	828,345	Aug. 14	1325	280	123	2023
Underwaist.....	E. H. Horwood.....	823,867	June 19	3274	694	122	2550
Unhairing-machine.....	A. La Marche and A. Hedbavny.....	818,971	Apr. 24	4837	1040	121	2578
Union.....	W. Cooper.....	810,190	Jan. 16	3186	660	120	780
Union-coupling.....	H. S. Crombie.....	812,642	Feb. 13	2263	492	120	2025
Universal coupling.....	H. C. Chase.....	822,853	June 5	1233	254	122	1997
Universal indicator.....	H. M. Willis.....	822,805	June 5	1139	234	122	1978
Universal joint.....	J. v. Koroknay.....	817,922	Apr. 17	2739	594	121	2071
Universal joint.....	C. W. Spicer.....	826,448	July 17	3539	737	123	926
Universal joint.....	F. H. Bogart.....	830,203	Sept. 4	620	125	124	157
Universal joint casing.....	I. Lehman.....	826,585	July 24	3897	807	123	1035
Universal joint for transmission-gears.....	J. Spyster.....	839,221	Dec. 25	3859	830	125	2439
Universal mill.....	K. C. Gardner.....	819,538	May 1	992	217	122	223
Universal mill.....	P. M. Weber.....	824,518	June 26	4539	962-3	122	2878
Universal mill.....	J. Kennedy.....	825,657	July 10	2046	426-8	123	546
Unloading apparatus.....	W. J. Selleck.....	823,426	Aug. 14	1479	311-12	123	2063
Unloading apparatus.....	J. E. Knight.....	830,331	Sept. 4	863	178	124	214
Unloading mechanism.....	G. Ward.....	812,623	Feb. 13	2227	485	120	2018
Unloading storing, and reloading material. Apparatus for.....	W. J. Selleck.....	820,527	May 15	3065	660	122	804
Updraft-kiln.....	E. A. King.....	808,847	Jan. 2	431	95-6	120	96
Upholstering apparatus.....	M. Tauber.....	811,883	Feb. 6	670	147	120	1627
Upholstering-pin.....	R. E. Atkinson.....	825,794	July 10	2305	480	123	608
Upholstery.....	E. M. Hulse.....	823,785	June 19	3122	661	122	2515
Upholstery apparatus.....	P. Boller.....	811,366	Jan. 30	5587	1166-7	120	1373
Upholstery-manufacturing apparatus.....	E. M. Hulse.....	824,868	July 3	378	72	123	163
Upholstery-springs. Means for supporting.....	G. E. Bigelow.....	810,902	Jan. 30	4672	974	120	1173
Upright flue-boiler.....	W. Wöehle.....	819,030	Apr. 24	4955	1063	121	2603
Urinal.....	L. H. Pleins.....	830,846	Sept. 11	1923	404	124	517
Urn.....	C. J. Kamper and E. H. Schofield.....	821,365	May 22	4785	1017	122	1244
Urn.....	R. E. Deane.....	833,589	Oct. 16	3195	679	124	2078
Uterine dilator.....	C. F. Hausmann.....	817,973	Apr. 17	2845	616	121	2095
V-block.....	R. Blazej.....	810,319	Jan. 16	3470	717	120	840
Vaccine-shield.....	C. Heidemann.....	828,311	Aug. 14	1253	263	123	2006
Vacuum-brake. Automatic.....	J. W. Cloud.....	812,481	Feb. 13	1933	426-7	120	1960
Vacuum-breaker.....	J. L. Allen.....	839,697	Dec. 25	4806	1027-8	125	2671
Vacuum-control system.....	C. G. Patterson.....	838,209	Dec. 11	1882	403-4	125	1868
Vacuum device.....	S. S. Leonard.....	823,795	June 19	3139	665	122	2519
Vacuum-drier.....	E. Passburg.....	830,521	Sept. 11	1264	262	124	339
Vacuum-pan.....	J. Irazoqui.....	831,556	Sept. 25	3328	698	124	929
Vacuum-pan.....	J. Kostalek.....	832,677	Oct. 9	1328	268	124	1572
Vacuum-trap.....	G. M. Hilger.....	812,130	Feb. 6	1184	259-60	120	1730
Vacuum-tube regulator.....	D. M. Moore.....	820,364	May 8	2706	590-1	122	666
Vacuum-tube regulator.....	D. M. Moore.....	820,365	May 8	2711	591	122	667
Vaginal irrigating device.....	V. Salcedo.....	825,761	July 10	2246	467	123	593
Vaginal irrigator.....	T. W. Heuston.....	823,409	June 12	2365	498	122	2291
Vaginal irrigator.....	C. O. Farrington and T. Watson.....	837,459	Dec. 4	366	85	125	1447
Valve.....	E. E. Hartgrave.....	808,654	Jan. 2	68	15	120	17
Valve.....	W. R. Whitehead.....	810,590	Jan. 23	4064	837	120	1008
Valve.....	M. D. Larkin.....	810,951	Jan. 30	4783	995	120	1199
Valve.....	H. W. Beach.....	811,361	Jan. 30	5576	1164	120	1370
Valve.....	G. Habegger.....	811,497	Jan. 30	5808	1216	120	1418
Valve.....	F. V. Anderson.....	811,813	Feb. 6	523	117	120	1597
Valve.....	M. Hochwald.....	813,893	Feb. 27	4739	1047	120	2664
Valve.....	C. E. Simpson.....	814,402	Mar. 6	828	171	121	180
Valve.....	F. H. Mason.....	814,791	Mar. 13	1601	336	121	409
Valve.....	W. T. Sears.....	818,054	Apr. 17	2999	648	121	2128
Valve.....	F. Schreidt.....	818,474	Apr. 24	3825	823	121	2358

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Valve.	M. J. Connors	818,519	Apr. 24	3938	848	121	2381
Valve.	C. V. Roberts	819,378	May 1	703	148-9	122	160
Valve.	N. P. Towne	820,154	May 8	2311	505	122	578
Valve.	A. Buerkle	820,178	May 8	2357	512	122	587
Valve.	A. L. Moss	820,239	May 8	2466	534	122	612
Valve.	H. A. F. Petersen	820,598	May 15	3190	686	122	831
Valve.	O. A. Sorensen	820,610	May 15	3209	690	122	835
Valve.	J. B. Culler	820,917	May 15	3861	822-3	122	978
Valve.	W. H. Kline	821,507	May 22	5067	1079	122	1304
Valve.	F. L. Smith	821,758	May 29	5575	1187	122	1473
Valve.	J. Kennedy	821,943	May 29	5929	1261-2	122	1552
Valve.	F. Schreidt	822,023	May 29	6071	1294	122	1581
Valve.	C. W. A. Koelkebeck	822,846	June 5	1218	251	122	1994
Valve.	R. Rhoda	822,983	June 12	1495	310	122	2103
Valve.	W. Colina	824,527	June 26	4553	967	122	2881
Valve.	P. C. Miller	824,945	July 3	537	106	123	144
Valve.	H. A. Zurbuch	825,370	July 10	1364	287	123	373
Valve.	R. E. Burke	825,705	July 10	2131	445	123	567
Valve.	W. R. Templeton	826,625	July 24	3985	824	123	1060
Valve.	J. P. Kennedy	826,667	July 24	4056	840	123	1079
Valve.	W. Von Kothén	827,195	July 31	5148	1068	123	1366
Valve.	J. Bowers	828,086	Aug. 7	799	165	123	1868
Valve.	J. F. McElroy	828,236	Aug. 7	1071	225	123	1931
Valve.	W. P. Firey	828,280	Aug. 7	1183	246	123	1961
Valve.	H. E. Warren	828,832	Aug. 14	2272	484	123	2267
Valve.	W. I. Staaf	828,981	Aug. 21	2579	545	123	2373
Valve.	C. W. Brown	829,458	Aug. 28	3620	760	123	2683
Valve.	J. O'Meara	829,485	Aug. 28	3671	775	123	2695
Valve.	J. O'Meara	829,486	Aug. 28	3672	775	123	2695
Valve.	B. B. Carter	829,504	Aug. 28	3701	781-2	123	2702
Valve.	C. P. Tolman	830,024	Sept. 4	224	43	124	55
Valve.	F. Schreidt	830,106	Sept. 4	391	80	124	96
Valve.	S. A. Plough	831,018	Sept. 11	2229	471	124	588
Valve.	H. D. Pownall	831,742	Sept. 25	3717	778	124	1035
Valve.	J. L. Latta and J. A. Martin	832,394	Oct. 2	750	146	124	1393
Valve.	A. K. Butler	833,672	Oct. 16	3343	711	124	2112
Valve.	W. K. Omick	834,071	Oct. 23	4344	923	124	2400
Valve.	H. C. Montgomery	834,395	Oct. 30	5031	1065	124	2619
Valve.	J. J. Wilber	834,784	Oct. 30	5802	1231	124	2814
Valve.	G. E. Franquist	835,854	Nov. 13	1910	404	125	523
Valve.	G. A. Blake	836,082	Nov. 20	2312	490	125	675
Valve.	S. Schuessler	836,406	Nov. 20	2995	635	125	838
Valve.	C. Hite and J. Robertson	837,063	Nov. 27	4358	924	125	1208
Valve.	A. E. Norris	837,876	Dec. 4	1180	261-2	125	1647
Valve.	S. W. Miller	838,433	Dec. 11	2315	501	125	1972
Valve-actuating mechanism.	B. M. W. Hanson	826,502	July 17	3701	767	123	973
Valve-actuating mechanism. Time-controlled.	A. J. Oakes	821,184	May 22	4409	938-9	122	1160
Valve. Air.	W. J. Rice	812,451	Feb. 13	1883	414	120	1950
Valve. Air.	T. Wheatley	813,606	Feb. 27	4174	916	120	2542
Valve. Air-brake.	W. O. Gunkel	815,816	Mar. 20	3712	782	121	914
Valve. Air-brake bleeding.	H. A. Miner	834,837	Oct. 30	5907	1252	124	2841
Valve and adjustable cut-off. Slide.	W. Goodspeed	832,900	Oct. 9	1785	368	124	1683
Valve and cock.	F. C. Buck	817,940	Apr. 3	982	201	121	1577
Valve and faucet.	J. Walsh, Jr.	817,535	Apr. 10	1968	416	121	1846
Valve and faucet reseating device.	A. Eberlein	808,912	Jan. 2	578	128	120	127
Valve and ignition mechanism for internal-combustion engines.	H. Austin	819,116	May 1	169	34	122	44
Valve and means for actuating the same.	E. Morterud	831,798	Sept. 25	3820	800	124	1061
Valve and seat. Pneumatic.	G. P. Brand	823,842	June 19	3229	683	122	2539
Valve and trap. Automatic relief.	A. Harrison	817,112	Apr. 3	1095	228	121	1601
Valve and valve-disk-cutting machine.	F. L. Smith	836,715	Nov. 27	3626	773	125	1025
Valve apparatus.	F. Grinnell	817,911	Apr. 17	2722	591	121	2067
Valve. Atmospheric-exhaust relief.	J. Acton	832,649	Oct. 9	1275	257-8	124	1560
Valve. Automatic.	J. W. Ledoux	831,618	Sept. 25	3450	725	124	961
Valve. Automatic.	H. S. Pinkerton	836,604	Nov. 20	3363	717	125	927
Valve. Automatic balanced.	F. H. Mason	814,975	Mar. 13	1927	405	121	476
Valve. Automatic cut-off.	J. Hübner and I. Mayer	828,657	Aug. 14	1929	405	123	2179
Valve. Automatic cylinder drain.	P. P. Brooks	825,513	July 10	1709	359	123	459
Valve. Automatic equalizing piston.	F. Burger	824,903	July 3	458	90	123	122
Valve. Automatic fuel.	A. W. Dater	838,692	Dec. 18	2824	606	125	2141
Valve. Automatic hose.	R. D. Wirt	825,570	July 10	1822	387	123	487
Valve. Automatic pressure-retaining.	A. Ashcraft	833,570	Oct. 16	3159	671	124	2060
Valve. Automatic reduction and quick-action triple.	G. M. Spencer	815,227	Mar. 13	2473	516	121	599
Valve. Automatic relief.	A. Harrison	821,798	May 29	5654	1205	122	1492
Valve. Automatic relief.	E. B. May	838,732	Dec. 18	2880	620	125	2155
Valve. Automatic safety.	J. J. Heitz	838,327	Dec. 11	2110	456	125	1922
Valve. Back-pressure.	A. W. Cash	816,216	Mar. 27	4530	962	121	1144
Valve. Back-pressure.	C. A. Bush	818,411	Apr. 24	3720	798	121	2336
Valve-bag.	A. M. Bates	810,318	Jan. 16	3467	717	120	840
Valve-bag.	J. Rogers	810,349	Jan. 16	3540	727	120	856
Valve-bag.	J. Rogers	812,454	Feb. 13	1887	415	120	1951
Valve-bag.	J. Rogers	812,455	Feb. 13	1888	416	120	1951
Valve-bag.	J. Rogers	829,431	Aug. 28	3533	740	123	2660
Valve. Balanced hydraulic.	F. Henneböhl	817,773	Apr. 17	2418	517-18	121	1999
Valve. Balanced throttle.	N. S. Barr	817,153	Apr. 10	1194	247	121	1685
Valve-block.	F. H. Murphy	827,170	July 31	5102	1061	123	1355
Valve. Blow-off.	H. F. Weiland	832,178	Oct. 2	324	60	124	1292
Valve. Blowing-engine.	J. Kennedy	811,228	Jan. 30	5325	1112	120	1316
Valve. Blowing-engine.	J. F. M. Patitz	831,982	Sept. 25	4206	878	124	1156
Valve. Blowing-engine.	G. Mesta	833,473	Oct. 16	2965	629	124	2023
Valve. Check.	F. H. Nolan and M. L. Sanborn	810,502	Jan. 23	3887	799	120	971
Valve. Check.	J. E. Ten Eyck	811,185	Jan. 30	5236	1096	120	1296
Valve. Check.	M. L. Sanborn	812,885	Feb. 20	2727	600	120	2170
Valve. Check.	J. C. Thom	818,485	Apr. 24	3845	827	121	2362
Valve. Check.	G. W. Rich	822,077	May 29	6181	1317	122	1611
Valve. Check.	J. Marchant	828,824	Aug. 14	2254	479	123	2262

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Valve. Check-.....	A. W. Cash.....	831,141	Sept. 18	2514	530	124	686
Valve cleaner. Filling-machine-.....	F. C. H. Strasburger.....	833,259	Oct. 16	2510	524	124	1911
Valve. Closet flush-.....	H. Kupsch.....	837,077	Nov. 27	4383	929	125	1214
Valve. Combined emergency and throttle.....	R. H. Rice.....	838,455	Dec. 11	2349	510-11	125	1981
Valve. Combined stop and check.....	L. Kaczander.....	817,069	Apr. 3	1031	213	121	1587
Valve construction.....	F. W. Felsberg.....	827,522	July 31	5876	1216	123	1542
Valve-control system.....	F. A. Willard.....	835,382	Nov. 6	1022	218-19	125	259
Valve controller. Flushing-.....	C. A. Wulf.....	831,694	Sept. 25	3637	762	124	1013
Valve-controlling device. Gas-.....	I. C. Peterson.....	830,845	Sept. 11	1927	404	124	517
Valve-controlling mechanism.....	J. Wilkinson.....	826,979	July 24	4639	966	123	1223
Valve-controlling mechanism for explosive-engines.....	D. F. Graham and F. A. Fox.....	813,043	Feb. 20	3036	668	120	2236
Valve-controlling mechanism for gas-engines.....	H. J. Podlesák.....	816,817	Apr. 3	524	113	121	1474
Valve-controlling mechanism. Time gas-.....	J. Gunning.....	829,269	Aug. 21	3201	672-3	123	2533
Valve. Cylinder-compression-relief.....	J. W. Müller.....	816,348	Mar. 27	4817	1020-1	121	1204
Valve. Cylinder drain.....	F. Armstrong.....	838,835	Dec. 18	3080	664	125	2203
Valve. Cylinder relief.....	A. S. Miller.....	839,172	Dec. 25	3753	811	125	2414
Valve. Diaphragm-.....	D. F. Morgan.....	814,063	Mar. 6	125	24	121	28
Valve. Dock-.....	C. Tiburtius.....	826,911	July 24	4531	942	123	1197
Valve-dresser.....	F. G. Crone.....	836,487	Nov. 20	3151	669	125	876
Valve. Dry-pipe.....	C. B. Garrett.....	831,054	Sept. 18	2324	490-1	124	645
Valve. Engine.....	R. C. Holman.....	810,055	Jan. 16	2927	609	120	728
Valve. Engine.....	G. Lane.....	810,422	Jan. 23	3723	767	120	931
Valve. Engine.....	T. M. Andrews.....	811,117	Jan. 30	5078	1061-2	120	1263
Valve. Engineer's.....	J. F. McElroy.....	821,818	May 29	5694	1213-14	122	1501
Valve. Engineer's.....	W. K. Rankin.....	835,467	Nov. 6	1180	254	125	296
Valve. Engineer's.....	W. K. Rankin.....	835,468	Nov. 6	1181	255	125	297
Valve. Engineer's equalizing and discharge brake-.....	D. M. Caskey.....	819,726	May 8	1370	295-6	122	368
Valve. Exhaust-controlling.....	W. J. Iman.....	816,098	Mar. 27	4301	911	121	1095
Valve. Expansion-.....	A. H. Eddy.....	815,912	Mar. 20	3919	829	121	958
Valve. Feed-.....	J. L. Curran. (Reissue).....	12,516	July 31	6253	1298	123	1642
Valve. Filter-.....	C. Hungerford.....	814,136	Mar. 6	267	53	121	59
Valve. Filter-.....	C. Hungerford.....	814,211	Mar. 6	411	84	121	90
Valve. Float-.....	W. Gray.....	812,337	Feb. 13	1666	366	120	1905
Valve. Float-.....	E. H. Friedrich.....	827,435	July 31	5641	1169	123	1485
Valve. Float-.....	W. S. Hollaender.....	839,147	Dec. 25	3702	799	125	2403
Valve. Fluid-actuated.....	W. O. Pelham.....	818,284	Apr. 17	3460	744-5	121	2226
Valve. Flush-.....	E. D. Barrett.....	816,290	Mar. 27	4666	990	121	1173
Valve. Flush-.....	L. T. Dery.....	832,043	Oct. 2	33	8	124	1220
Valve. Flush-.....	W. A. Lanckton.....	838,723	Dec. 18	2867	617	125	2151
Valve. Flushing-.....	C. F. Winter.....	811,988	Feb. 6	924	202	120	1677
Valve. Flushing-.....	J. H. Bell.....	832,834	Oct. 9	1652	340	124	1648
Valve. Flushing-tank.....	J. E. Ericson.....	812,030	Feb. 6	1009	220	120	1694
Valve for air-brake systems.....	J. H. Bleo.....	814,350	Mar. 6	712	144	121	156
Valve for air-brake systems.....	J. H. Bleo.....	820,760	May 15	3495	750	122	898
Valve for air-brake systems. Pressure-retaining.....	W. Wilhelm.....	816,409	Mar. 27	4953	1052-3	121	1233
Valve for air-brake systems. Regulator-.....	W. V. Turner.....	836,720	Nov. 27	3635	775	125	1028
Valve for air-brakes. Distributing.....	G. Knorr.....	812,752	Feb. 13	2463	540-1	120	2066
Valve for air-brakes. Retaining and recharging.....	C. B. Harrington.....	831,864	Sept. 25	3968	829	124	1095
Valve for air-compressors.....	T. E. Sturtevant.....	815,488	Mar. 20	3029	633	121	767
Valve for automatic spraying-machines. Relief.....	C. A. Koernick.....	832,261	Oct. 2	497	93	124	1333
Valve for automatic sprinkler systems. Dry-pipe.....	E. S. Clayton.....	813,350	Feb. 20	3653	801	120	2368
Valve for automobile torpedoes. Starting-.....	F. M. Leavitt.....	814,055	Mar. 6	111	21	121	25
Valve for blowing-engines, &c.....	M. A. Neeland.....	810,216	Jan. 16	3245	672	120	792
Valve for blowing-engines.....	J. F. M. Patitz.....	835,712	Nov. 13	1640	349	125	457
Valve for compound air-compressors.....	E. Hill.....	810,759	Jan. 23	4365	907	120	1076
Valve for compressed-air brakes. Driver's brake-.....	W. R. Smith.....	821,759	May 29	5576	1187	122	1474
Valve for controlling fluids.....	G. A. Mumford.....	829,120	Aug. 21	2877	604	123	2453
Valve for conveyer-tubes.....	A. W. Schmidt.....	820,740	May 15	3454	740	122	888
Valve for corrosive liquids.....	G. E. Gannon.....	823,493	June 12	2555	538	122	2330
Valve for door-checks.....	N. W. Crandall.....	811,830	Feb. 6	549	121	120	1602
Valve for engines. Rotary.....	F. T. Liggert.....	823,883	June 19	3302	701-2	122	2556
Valve for explosive-engines. Intake.....	A. C. Menges.....	820,230	May 8	2444	529	122	607
Valve for filters.....	G. L. Bayley.....	825,507	July 10	1693	354-5	123	456
Valve for fluid-compressors. Cut-out.....	G. L. Bayley.....	825,508	July 10	1695	355-6	123	457
Valve for fluid-compressors. Discharge.....	N. A. Christensen.....	826,649	July 24	4023	834	123	1069
Valve for fluid-pressure motors.....	W. Prellwitz.....	810,672	Jan. 23	4211	871	120	1041
Valve for fluid-pressure motors. Reversing.....	S. W. Brainard.....	831,824	Sept. 25	3875	812	124	1075
Valve for gas and similar engines.....	W. Mayne.....	825,853	July 10	2406	501-2	123	633
Valve for gas-burners. Regulating.....	F. C. Olin.....	835,634	Nov. 13	1510	322-3	125	426
Valve for gas-engines. Air-.....	L. F. Knoderer.....	815,179	Mar. 13	2377	496	121	576
Valve for gas-engines. Combined intake and exhaust.....	R. Miller, Jr.....	823,185	June 12	1933	398	122	2199
Valve for gas-engines. Combined intake and exhaust.....	A. G. Ronan.....	825,867	July 10	2434	508	123	640
Valve for gas-generators.....	R. Schenck.....	812,663	Feb. 13	2331	509-10	120	2038
Valve for gas or oil burners. Cut-off.....	A. Ashcraft.....	812,715	Feb. 13	2391	525	120	2050
Valve for gas-supply pipes. Automatic safety-.....	A. W. Jenczewsky.....	830,719	Sept. 11	1698	349	124	458
Valve for heating apparatus. Automatic return-.....	J. H. Kinealy.....	826,581	July 24	3890	806	123	1034
Valve for heating or other systems where steam is employed.....	F. C. Goff and H. H. Fielding.....	822,114	May 29	6252	1331	122	1626
Valve for heating systems. Drain-.....	W. W. Stubbs.....	829,901	Aug. 28	4534	956	123	2906
Valve for heating systems. Relief.....	A. McGonagle.....	823,805	June 19	3160	668	122	2524
Valve for hoisting-engines. Reversing.....	J. L. Pilling.....	810,883	Jan. 23	4618	962	120	1129
Valve for humidifying and heating systems. Electrically-controlled regulating-.....	S. W. Cramer.....	813,083	Feb. 20	3121	684	120	2257
Valve for hydrant-pipes. Drain-.....	F. A. Jacobs.....	809,063	Jan. 2	866	184	120	191
Valve for pipes. Relief.....	F. Trump.....	815,236	Mar. 13	2493	519	121	602
Valve for pneumatic hammers. Throttle.....	H. S. Potter.....	816,998	Apr. 3	906	187-8	121	1560
Valve for pneumatic tools. Throttle.....	R. A. Norling.....	816,246	Mar. 27	4580	975	121	1154
Valve for pneumatically-operated devices.....	J. J. Healy.....	819,013	Apr. 24	4919	1056	121	2596
Valve for radiators. Air-.....	H. M. Stevenson.....	833,093	Oct. 9	2143	451	124	1771
Valve for radiators. Air-.....	T. Wheatley.....	835,720	Nov. 13	1655	351	125	461
Valve for radiators and the like. Control.....	R. E. Atkinson.....	829,685	Aug. 28	4093	867	123	2797
Valve for regenerative furnaces.....	G. W. Vanderslice.....	835,923	Nov. 13	2033	433	125	552
Valve for regenerative furnaces. Reversing.....	J. B. Nau.....	816,813	Apr. 3	517	112	121	1472
Valve for steam and other fluids. Stop-.....	J. Robinson.....	826,276	July 17	3213	666	123	845
Valve for steam-boilers. Blow-off.....	J. B. Barnes.....	830,557	Sept. 11	1348	280	124	362
Valve for steam-engines. Exhaust-.....	W. H. Dyer.....	814,435	Mar. 6	892	183	121	194

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Valve for steam-engines. Oscillating.	T. V. Elliott.	821,227	May 22	4486	956	122	1176
Valve for water-gages. Check.	B. Hadley and B. Moylan.	810,746	Jan. 23	4340	902	120	1070
Valve for water-gages. Safety.	W. S. Pitts, C. A. Tanner, and F. G. Spink.	838,055	Dec. 11	1543	332	125	1782
Valve for water-gas plants.	J. Williamson.	817,211	Apr. 10	1320	275-6	121	1712
Valve for water-supplies. Mixing.	A. W. Warnock.	827,588	July 31	5993	1246	123	1571
Valve. Gas-engine.	J. L. Bromley.	831,598	Sept. 25	3409	715-16	124	950
Valve. Gate.	W. E. Crist.	819,411	May 1	761	162	122	172
Valve. Gate.	J. H. Baker, G. F. Shevlin, and F. H. Baker.	829,755	Aug. 28	4226	895	123	2830
Valve. Gate.	P. Plantinga.	832,079	Oct. 2	96	22	124	1235
Valve. Gate.	T. Tromblee.	838,479	Dec. 11	2403	522	125	1993
Valve. Gate.	L. D. Castle.	838,842	Dec. 18	3098	667	125	2208
Valve-gear.	F. G. Johnson.	813,433	Feb. 27	3836	840	120	2465
Valve-gear.	W. Hartmann.	818,166	Apr. 17	3231	694-5	121	2178
Valve-gear.	W. Hartmann.	836,849	July 24	4401	916	123	1165
Valve-gear.	C. Hammen.	833,164	Oct. 16	2301	482-3	124	1857
Valve-gear.	W. A. Webster.	834,425	Oct. 30	5082	1079	124	2631
Valve-gear. Duplex.	G. A. Anderson.	838,933	Dec. 18	3254	704	125	2242
Valve-gear. Engine.	P. F. Oddie.	834,217	Oct. 23	4653	987	124	2480
Valve-gear. Engine.	T. H. Haberkorn.	821,236	May 22	4508	960	122	1182
Valve-gear. Engine.	H. Lentz.	822,136	May 29	6289	1340	122	1635
Valve-gear. Engine.	J. Hanser.	824,011	June 19	3558	760	122	2609
Valve-gear for engines.	O. Schwade.	826,368	July 17	3391	702	123	589
Valve-gear for explosion-engines.	O. R. Harris.	838,988	Dec. 18	3335	721-2	125	2262
Valve-gear for explosion-engines.	H. Richter.	813,116	Feb. 20	3194	698	120	2273
Valve-gear for explosion-engines.	L. P. A. A. Bailloul.	815,779	Mar. 20	3639	765	121	899
Valve-gear for explosive-engines.	F. B. Eells.	823,039	June 12	1616	334-5	122	2130
Valve-gear for explosive-engines.	A. C. Menges.	823,347	June 12	2266	473	122	2271
Valve-gear for pneumatic rock-drills.	C. Weidmann.	837,990	Dec. 11	1415	307	125	1749
Valve-gear for steam and other fluid-pressure engines.	W. H. Collier.	814,275	Mar. 6	535	112	121	115
Valve-gear. Internal-combustion-engine.	A. B. Goodspeed.	827,303	July 31	5342	1108	123	1412
Valve-gear. Pressure-actuated.	W. H. Collier.	823,105	June 12	1768	365	122	2161
Valve-gear. Reversible.	H. W. Jones.	824,657	June 26	4814	1026-7	122	2937
Valve-gear. Steam-engine.	J. W. Davis.	27,428	July 31	5630	1165-6	123	1483
Valve-gear. Steam-engine.	C. W. Crawford.	833,582	Oct. 16	3181	675-6	124	2075
Valve-gear. Steam-engine.	C. W. Crawford.	833,583	Oct. 16	3184	676	124	2075
Valve. Globe.	H. Kieren.	828,216	Aug. 7	1032	217	123	1923
Valve. Globe.	J. Powell.	831,468	Sept. 18	3136	665	124	844
Valve. Governor.	C. W. Dake.	833,307	Oct. 16	2614	547	124	1939
Valve. Graduated release.	W. V. Turner.	827,274	July 31	5289	1096	123	1389
Valve. Graduated release.	W. V. Turner.	838,287	Dec. 11	2043	440-1	125	1904
Valve-guard.	F. W. Felsberg.	838,612	Dec. 18	2663	572	125	2100
Valve. Hydraulic distributing.	W. H. Wood.	812,628	Feb. 13	2236	486-7	120	2020
Valve. Indicating.	A. J. Stahl.	828,434	Aug. 14	1496	315	123	2067
Valve-indicator.	G. P. Vincent.	819,185	May 1	288	62	122	72
Valve-indicator.	E. H. Whitney.	824,163	June 26	3827	816	122	2726
Valve. Inflation.	J. E. Keller, Jr.	834,911	Nov. 6	69	14	125	20
Valve. Local-application and equalizing.	W. V. Turner and D. M. Lewis.	837,358	Dec. 4	160	39	125	1395
Valve-locking mechanism.	L. A. Werner.	832,106	Oct. 2	168	34-5	124	1255
Valve. Locomotive.	A. E. Cooper.	827,504	July 31	5832	1208-9	123	1532
Valve lubricator. Engine.	D. Morehouse.	823,349	June 12	2271	474	122	2272
Valve mechanism.	J. M. and E. W. Raikes.	809,012	Jan. 2	773	167	120	170
Valve mechanism.	J. A. Dyble.	816,306	Mar. 27	4699	998	121	1181
Valve mechanism.	J. A. Dyble.	825,706	July 10	2133	445	123	567
Valve mechanism.	J. Wilkinson.	826,981	July 24	4645	967	123	1225
Valve mechanism. Engine.	C. L. W. Trinks.	831,809	Sept. 25	3834	803-4	124	1064
Valve mechanism. Flush-tank.	R. E. Bristow.	826,532	July 24	3778	784	123	1005
Valve mechanism for compound engines.	E. J. Armstrong.	836,911	Nov. 27	4043	864	125	1131
Valve mechanism for engines. Cut-off and reversing.	W. Wills.	814,493	Mar. 6	993	204	121	216
Valve mechanism for fluid-motors.	J. Wilkinson.	811,983	Feb. 6	908	200	120	1674
Valve mechanism for gas-engines.	C. M. Smith and S. B. Welcome.	816,047	Mar. 27	4186	887-8	121	1070
Valve mechanism for gas-engines.	H. J. Smith.	818,714	Apr. 24	4339	930	121	2470
Valve mechanism for internal-combustion engines.	W. H. Schoonmaker.	809,400	Jan. 9	1617	328	120	388
Valve mechanism for internal-combustion engines.	H. Austin.	814,421	Mar. 6	869	178	121	189
Valve mechanism for motors. Supply and exhaust.	W. H. Johnson.	813,305	Feb. 20	3562	784	120	2349
Valve mechanism for turbines.	O. Junggren.	838,418	Dec. 11	2288	496	125	1965
Valve mechanism. Measuring.	R. W. Goeb.	809,439	Jan. 9	1693	348	120	405
Valve mechanism. Rotary.	E. C. Goddard.	823,214	June 12	2004	417	122	2213
Valve mechanism. Steam-engine.	F. Fosdick.	827,433	July 31	5638	1168	123	1485
Valve mechanism. Time.	M. Laucher.	820,582	May 15	3164	681	122	826
Valve-motion.	H. C. Behr.	831,136	Sept. 18	2504	528-9	124	684
Valve-operating device for compressors.	H. C. Sergeant.	818,567	Apr. 24	4035	866	121	2401
Valve-operating means for rotary engines.	N. R. Smith and P. A. Talbot.	833,348	Oct. 16	2692	567	124	1959
Valve-operating mechanism.	G. W. Hayden.	828,547	Aug. 14	1729	364	123	2127
Valve-operating mechanism for steam-engines.	H. Lentz.	835,963	Nov. 13	2100	450	125	567
Valve or stopper.	C. W. Meinecke.	828,758	Aug. 14	2132	451	123	2230
Valve or trap. Sewer.	P. F. Lenhart.	814,788	Mar. 13	1594	335	121	408
Valve. Piston.	W. Schmidt.	816,607	Apr. 3	122	27	121	1384
Valve. Piston.	E. Richardson.	818,976	Apr. 24	4853	1043	121	2581
Valve. Pneumatic.	H. A. Carlsson.	832,038	Oct. 2	26	7	124	1219
Valve. Pneumatic brake.	G. P. Finnigan.	832,306	Oct. 2	589	111	124	1355
Valve. Pop safety.	J. W. Grant.	810,201	Jan. 16	3213	665	120	785
Valve. Pressure-controlled.	C. E. Semple, Jr.	838,466	Dec. 11	2377	515	125	1988
Valve. Pressure-controlling.	T. M. Wilkins.	826,637	July 24	4003	829	123	1064
Valve. Pressure-reducing.	L. Schutte.	827,998	Aug. 7	613	125-6	123	1823
Valve. Pressure-reducing.	M. Toltz and F. T. Kitchen.	829,444	Aug. 28	3571	753	123	2669
Valve. Pressure-regulated supply.	E. D. Hodsdon.	822,276	June 5	103	21	122	1750
Valve. Pressure-regulating.	E. McLean.	837,332	Dec. 4	108	29	125	1381
Valve. Pressure-regulator air.	Z. C. Brewster.	833,368	Oct. 16	2728	575	124	1968
Valve. Primary pneumatic.	G. P. Brand.	835,775	Nov. 13	1761	375	125	486
Valve-protector.	R. F. Lindsay.	828,036	Aug. 7	695	144	123	1843
Valve. Puppet.	T. Stebbins.	827,190	July 31	5140	1067	123	1364
Valve. Puppet.	T. Stebbins.	833,559	Oct. 16	3123	663	124	2060
Valve. Puppet.	T. Stebbins.	833,560	Oct. 16	3125	664	124	2061
Valve. Quick-recharging triple.	W. B. Mann.	836,886	Nov. 27	3967	847	125	1117

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Valve. Radiator.....	B. E. Van Auken.....	828,153	Aug. 7	912	187	123	1894
Valve. Reducing.....	J. Hübner and I. Mayer.....	836,258	Nov. 20	2708	576	125	770
Valve. Reducing.....	H. F. Cunnning.....	836,306	Nov. 20	2803	595	125	795
Valve. Relief.....	R. N. Kennington.....	818,694	Apr. 24	4295	921	121	2460
Valve. Relief.....	W. F. Krichbaum.....	833,062	Oct. 9	2090	440	124	1756
Valve-removing apparatus.....	M. A. Neeland.....	810,215	Jan. 16	3243	671-2	120	791
Valve-reseating machine.....	T. B. Williams.....	824,321	June 26	4127	883	122	2790
Valve. Reverse.....	W. R. Miller.....	833,170	Oct. 16	2317	485-6	124	1862
Valve. Reversing.....	W. A. Field, B. B. Clark, 2nd, and F. Wilson.....	812,840	Feb. 20	2641	577-8	120	2150
Valve. Reversing.....	H. Aiken.....	824,166	June 26	3831	818	122	2727
Valve. Reversing.....	B. Smartt.....	837,427	Dec. 4	301	72-3	125	1431
Valve. Rotary.....	C. W. Manzel.....	811,235	Jan. 30	5339	1115	120	1319
Valve. Safety.....	C. J. Fancher.....	813,145	Feb. 20	3261	717	120	2287
Valve. Safety.....	J. M. Coale.....	825,380	July 10	1389	292	123	379
Valve. Safety.....	O. Tittelbach.....	836,347	Nov. 20	2875	611	125	810
Valve. Safety stop.....	C. W. Nicholson.....	828,137	Aug. 7	889	183	123	1890
Valve-seat-dressing device.....	D. E. Lynam.....	817,260	Apr. 10	1423	299	121	1732
Valve-seat-grinding machine.....	H. Meyners.....	817,435	Apr. 10	1769	371	121	1805
Valve-seat. Pneumatic.....	G. P. Brand.....	835,778	Nov. 13	1768	377	125	488
Valve-seat-recutting device.....	C. Cartier.....	820,550	May 15	3108	669	122	813
Valve-seat-truing device.....	J. D. Mitchell.....	821,367	May 22	4790	1018	122	1246
Valve. Slide.....	E. E. Johnson.....	826,254	July 17	3171	658	123	835
Valve. Slide-gate.....	A. Stenwall.....	809,857	Jan. 9	2489	517	120	580
Valve. Spring-disk.....	J. T. Hayden.....	813,555	Feb. 27	4082	894	120	2523
Valve. Steam.....	J. D. and E. N. Austin.....	810,248	Jan. 16	3313	687	120	806
Valve. Steam.....	R. Owens and R. Black.....	817,385	Apr. 10	1659	351	121	1782
Valve. Steam.....	A. H. Farmer.....	821,867	May 29	5776	1230-1	122	1518
Valve. Steam-actuated.....	R. Richardson.....	826,274	July 17	3208	665	123	843
Valve. Steam-actuated.....	E. E. Thomas.....	830,811	Sept. 11	1860	387	124	498
Valve. Steam-boiler blow-off.....	J. Klopfer.....	827,981	Aug. 7	572	117	123	1814
Valve. Steam-controlling.....	W. Clowes.....	829,691	Aug. 28	4107	870	123	2801
Valve. Steam-engine.....	D. J. Hoisington.....	815,828	Mar. 20	3747	787-8	121	922
Valve. Steam-engine rotary.....	J. G. Johnson.....	828,030	Aug. 7	685	142	123	1841
Valve-stem clamp and lubricator. Combined.....	J. C. Williamson and W. D. Barker.....	831,814	Sept. 25	3846	805	124	1066
Valve. Stop.....	G. Schlemmer.....	824,442	June 26	4390	933	122	2843
Valve. Stop.....	F. Anderson.....	834,878	Nov. 6	3	1	125	3
Valve. Stop.....	E. Hill, Jr.....	835,523	Nov. 13	1288	276-7	125	370
Valve. Stop-check.....	L. Schutte.....	833,420	Oct. 16	2837	602	124	1993
Valve. Stopper.....	A. T. Duncan.....	809,789	Jan. 9	2370	489	120	554
Valve. Straightway.....	W. T. Rider.....	833,939	Oct. 23	3942	837	124	2308
Valve. Suction.....	D. C. Demarest and G. Lillie.....	825,588	July 10	1858	394	123	495
Valve. Supply.....	E. A. Marsh.....	822,749	June 5	1038	213	122	1956
Valve. Tank.....	D. C. Casey.....	811,034	Jan. 30	4936	1030	120	1233
Valve-testing device. Triple.....	C. C. Farmer.....	838,311	Dec. 11	2078	449	125	1913
Valve. Thermostatic.....	J. H. Davis.....	836,636	Nov. 20	3430	732	125	942
Valve. Thermostatic.....	E. H. Murphy.....	837,099	Nov. 27	4423	938	125	1224
Valve. Throttle.....	R. A. Norling.....	813,110	Feb. 20	3180	695	120	2270
Valve. Throttle.....	J. S. Chambers.....	816,217	Mar. 27	4533	962-3	121	1144
Valve. Throttle.....	W. A. Phillips.....	821,120	May 22	4289	913	122	1133
Valve. Throttle.....	G. B. Petsche.....	833,973	Oct. 23	4114	875	124	2344
Valve. Throttle.....	T. C. Dunlap.....	835,014	Nov. 6	271	60	125	71
Valve. Throttle.....	C. C. Fawcett.....	836,023	Nov. 13	2196	471	125	590
Valve. Throttle.....	R. J. Miner.....	839,073	Dec. 18	3509	759	125	2307
Valve. Triple.....	R. E. Chapman.....	809,491	Jan. 9	1792	370	120	427
Valve. Triple.....	A. J. Brishin.....	827,291	July 31	5323	1103	123	1407
Valve. Triple.....	D. Inches and E. J. Hosker.....	833,965	Oct. 23	4091	872	124	2336
Valve. Union check.....	P. Dumbolton.....	818,670	Apr. 24	4249	914	121	2450
Valve. Vent.....	B. Schlegel.....	820,142	May 8	2285	497	122	572
Valve. Water gate.....	A. J. Collar.....	832,843	Oct. 9	1667	343	124	1652
Valve. Water gate.....	A. J. Collar.....	832,844	Oct. 9	1669	344	124	1653
Valve. Wicket.....	J. F. Bush.....	813,771	Feb. 27	4483	989	120	2609
Valves and other mechanisms. Automatic device for operating.....	O. Winter and F. W. Waterman.....	836,794	Nov. 27	3802	809-10	125	1074
Valves. Controller for liquid-receptacle.....	D. Landau.....	835,443	Nov. 6	1142	246	125	287
Valves, couplings, &c. Tool for reseating.....	J. F. Ivarson.....	829,788	Aug. 28	4315	911	123	2853
Valves. Diaphragm for controlling.....	L. B. Fulton.....	816,455	Mar. 27	5031	1068	121	1250
Valves for radiators. Holder for air.....	F. W. Leuthesser.....	832,067	Oct. 2	73	17	124	1230
Valves or cocks. Device for operating.....	V. Schwaninger.....	826,195	July 17	3066	635	123	810
Valves. Shifting eccentric for engine.....	C. G. Bennett.....	818,934	Apr. 24	4769	1025	121	2562
Vamp-marking machine.....	J. F. Rogers.....	811,246	Jan. 30	5357	1118	120	1323
Vanes. Manufacture of turbine.....	C. Roth.....	832,083	Oct. 2	107	24	124	1237
Vanillin, &c. Making.....	E. C. Spurge.....	829,300	Aug. 21	3260	.....	123	2546
Vanner. Pneumatic.....	A. H. Stebbins.....	830,538	Sept. 11	1300	269	124	349
Vapor-burner.....	E. A. Franklin.....	813,494	Feb. 27	3957	868	120	2495
Vapor electric apparatus.....	A. M. Jackson.....	808,753	Jan. 2	263	57	120	60
Vapor-generator.....	A. Harrison.....	810,486	Jan. 23	3852	792	120	962
Vapor-generator.....	R. F. Driscoll.....	819,211	May 1	356	76	122	85
Vapor-rectifier.....	A. Churchward.....	838,949	Dec. 18	3277	709	125	2248
Vaporizer.....	C. and W. Hibbard.....	811,397	Jan. 30	5642	1181	120	1384
Vaporizer.....	H. A. Veazie.....	821,004	May 22	4065	865	122	1064
Vaporizer.....	J. E. Van Ness.....	830,626	Sept. 11	1483	307	124	398
Vaporizer. Oil.....	F. F. Kanne.....	828,666	Aug. 14	1949	410	123	2184
Vaporizer or carbureter.....	C. D. Shain.....	835,564	Nov. 13	1362	292	125	387
Varnishing and gumming machine.....	M. J. McCaffrey.....	827,934	Aug. 7	473	97	123	1790
Varnishing composition and making same.....	A. E. Nienstadt.....	831,736	Sept. 25	3709	.....	124	1033
Vase. Lawn.....	J. K. Andrews.....	820,168	May 8	2341	509	122	583
Vat.....	See Dye-vat. Sewage-cleaning vat.						
Vat-cleaning apparatus.....	A. E. Rickerd.....	819,803	May 8	1540	327	122	407
Vats. System of excavating and filling.....	H. W. Blaisdell.....	816,065	Mar. 27	4229	896	121	1079
Vault. Burial.....	J. P. Bending.....	809,897	Jan. 9	2556	529	120	595
Vault. Burial.....	T. A. Stevenson.....	823,709	June 19	2978	630	122	2483
Vault. Burial.....	H. C. Deck.....	828,199	Aug. 7	1001	208	123	1916
Vault. Burial.....	J. B. Murray.....	831,799	Sept. 25	3821	800	124	1061

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Pr g.	Vol.	Page.
Vault. Burial.....	R. W. Thompson.....	831,906	Sept. 25	4071	848	124	1122
Vault. Burial.....	V. G. Boyles.....	833,502	Oct. 16	3023	641	124	2036
Vault. Burial.....	E. C. Hodges.....	834,204	Oct. 23	4629	982	124	2173
Vault. Cement burial.....	A. E. Beall.....	833,367	Oct. 16	2727	575	124	1968
Vault-light.....	J. McGuigan and A. Priddle.....	816,115	Mar. 27	4336	918	121	1102
Vault-light construction.....	E. M. Johnson.....	835,534	Nov. 13	1313	281	125	375
Vault-lights, floors, &c. Bracing for.....	J. Jacobs.....	808,660	Jan. 2	78	17	120	19
Vault mold. Burial.....	J. M. Pruett and J. C. Simpson.....	809,629	Jan. 9	2065	428	120	485
Vault. Portable burial.....	W. Parry.....	823,893	June 19	3320	707	122	2559
Vegetable and fat cutting machine.....	C. L. Ruehs and G. Weiss.....	824,587	June 26	4684	996	122	2909
Vegetable-boiler.....	A. M. Ham.....	816,858	Apr. 3	617	129	121	1495
Vegetable-cutter.....	J. S. Urban.....	814,577	Mar. 6	1153	240-1	121	250
Vegetable-cutter.....	R. W. Schaffner.....	829,434	Aug. 28	3536	741	123	2661
Vegetable-cutter and slicer.....	A. C. Matthews.....	829,025	Aug. 21	2670	562	123	2395
Vegetable-disintegrator.....	N. J. Shimmel.....	810,816	Jan. 23	4478	931	120	1099
Vegetable strips. Manufacture of.....	F. Stoffel.....	812,463	Feb. 13	1897	419	120	1953
Vegetable-washer.....	L. Meyer.....	810,548	Jan. 23	3986	820	120	991
Vegetables, &c. Cutting-machine for.....	A. W. Thomas.....	810,998	Jan. 30	4873	1014-15	120	1219
Vegetation-destroyer.....	W. R. McKee, Jr., and A. H. Feters.....	810,793	Jan. 23	4442	921-2	120	1092
Vehicle.....	J. T. Furchtbar.....	809,048	Jan. 2	842	179	120	186
Vehicle.....	R. N. Martz.....	810,492	Jan. 23	3862	793-4	120	965
Vehicle.....	J. H. Hanson and J. J. Petraborg.....	812,037	Feb. 6	1019	222	120	1696
Vehicle.....	C. C. Grosshauser.....	814,780	Mar. 13	1578	333	121	404
Vehicle.....	J. Loepp.....	817,739	Apr. 10	2343	503	121	1929
Vehicle.....	F. J. Newman.....	819,244	May 1	422	88-9	122	99
Vehicle.....	M. Downer.....	820,707	May 15	3389	725	122	872
Vehicle.....	J. M. Coleman.....	830,956	May 22	3951	841	122	1059
Vehicle.....	P. E. Ebreuz.....	835,641	July 10	2007	419	123	536
Vehicle.....	G. A. Larson.....	827,244	July 31	5232	1086	123	1387
Vehicle.....	M. J. Dawkins.....	828,389	Aug. 14	1402	296	123	2043
Vehicle.....	G. Fitzgerald.....	828,728	Aug. 14	2081	439	123	2218
Vehicle.....	R. G. Roberts.....	828,970	Aug. 21	2557	541	123	2368
Vehicle.....	W. E. Birket.....	831,594	Sept. 25	3397	713-14	124	947
Vehicle.....	D. O'Keefe.....	837,952	Dec. 11	1328	291-2	125	1726
Vehicle. Amusement.....	R. F. Rice.....	822,302	June 5	160	32	122	1763
Vehicle and permanent way therefor. Electrically-propelled.....	A. S. Burnaby.....	826,015	July 17	2720	563	123	727
Vehicle antivibration device.....	G. Grillier.....	809,501	Jan. 9	1815	374	120	433
Vehicle attachment.....	H. F. Cook.....	810,722	Jan. 23	4302	894	120	1061
Vehicle attachment.....	J. Leith.....	820,217	May 8	2421	525	122	602
Vehicle attachment.....	J. E. Blake.....	824,089	June 26	3691	786	122	2696
Vehicle automatic back-stop.....	C. A. Noble.....	835,460	Nov. 6	1169	252-3	125	294
Vehicle bearing-spring. Motor.....	T. G. Stevens.....	816,396	Mar. 27	4926	1047	121	1227
Vehicle-bodies. Controlling device for spring-supported.....	G. D. Clapp.....	839,552	Dec. 25	4515	962	125	2599
Vehicle-body.....	H. E. Bradner.....	814,823	Mar. 13	1665	348	121	423
Vehicle-body.....	H. E. Bradner.....	814,824	Mar. 13	1666	348	121	423
Vehicle-body.....	D. W. Connell.....	816,782	Apr. 3	455	102	121	1458
Vehicle-body.....	W. W. Ogden and W. C. Yelton.....	818,846	Apr. 24	4611	989	121	2528
Vehicle-body.....	W. H. F. Blume.....	820,343	May 8	2666	581	122	657
Vehicle-body.....	W. D. McNutt.....	821,053	May 22	4159	884	122	1104
Vehicle-body.....	B. C. Loring.....	825,670	July 10	2072	432	123	552
Vehicle-body.....	E. Demsky and C. Redecker.....	826,491	July 17	3685	763	123	969
Vehicle-body.....	J. H. Anderson.....	827,071	July 31	4861	1013	123	1291
Vehicle-body.....	F. Stratton.....	837,355	Dec. 4	154	38	125	1393
Vehicle-body bolster.....	J. M. Goodwin.....	815,286	Mar. 13	2575	541-2	121	621
Vehicle-body construction.....	S. J. Dowling.....	809,788	Jan. 9	2369	489	120	553
Vehicle-body construction.....	E. Demsky.....	813,956	Feb. 27	4855	1072	120	2687
Vehicle-body hanger.....	W. Woolgar.....	835,342	Nov. 6	939	199	125	237
Vehicle-body. Metal.....	H. and A. P. Smith.....	813,460	Feb. 27	3880	850-1	120	2476
Vehicle-brake.....	B. Viola.....	809,341	Jan. 9	1470	297-8	120	359
Vehicle-brake.....	J. L. Brewton.....	810,612	Jan. 23	4114	849	120	1019
Vehicle-brake.....	J. G. Ebben.....	813,545	Feb. 27	4057	889	120	2518
Vehicle-brake.....	J. W. McIlvain.....	814,559	Mar. 6	1124	234	121	244
Vehicle-brake.....	J. N. Everett.....	816,654	Apr. 3	230	53	121	1411
Vehicle-brake.....	W. H. Smith.....	817,678	Apr. 10	2216	473	121	1900
Vehicle-brake.....	J. W. Smith.....	820,266	May 8	2530	548	122	626
Vehicle-brake.....	A. A. Ball, Jr.....	822,236	June 5	7	3	122	1730
Vehicle-brake.....	H. E. Martin.....	822,750	June 5	1039	213	122	1957
Vehicle-brake.....	R. D. Baker.....	824,400	June 26	4289	914-15	122	2822
Vehicle-brake.....	H. R. Scott.....	829,489	Aug. 28	3676	776	123	2696
Vehicle-brake.....	J. Freeman.....	829,706	Aug. 28	4137	875	123	2808
Vehicle-brake.....	J. H. Farman.....	834,375	Oct. 30	4993	1056	124	2610
Vehicle-brake.....	E. Freund.....	835,019	Nov. 6	285	62-3	125	75
Vehicle-brake.....	E. F. Bradley.....	836,084	Nov. 20	2316	491	125	675
Vehicle-brake.....	B. F. Bradley.....	836,085	Nov. 20	2323	491	125	677
Vehicle-brake.....	T. L. and T. J. Sturtevant.....	838,061	Dec. 11	1558	334	125	1786
Vehicle-brake.....	T. Stafford.....	839,222	Dec. 25	3860	830	125	2439
Vehicle-brake. Electric.....	J. N. Mahoney.....	813,052	Feb. 20	3055	672	120	2241
Vehicle-brake. Motor.....	C. Schmidt.....	824,151	June 26	3799	811	122	2720
Vehicle braking and starting device. Combined.....	J. de Mazaraki.....	822,679	June 5	900	184	122	1928
Vehicle buffer. Railway.....	F. M. Goodwin.....	815,288	Mar. 13	2579	542	121	622
Vehicle-canopy.....	J. R. Ryan.....	835,869	Nov. 13	1937	409	125	529
Vehicle-canopy support.....	H. L. Johnston.....	828,482	Aug. 14	1600	337	123	2095
Vehicle. Collapsible.....	S. L. Greene.....	825,313	July 10	1252	264	123	314
Vehicle. Combination.....	W. N. Nussbaum.....	821,668	May 29	5381	1148	122	1429
Vehicle controller. Motor.....	G. E. Franquist.....	825,531	July 10	1738	366	123	467
Vehicle controlling device. Motor.....	J. C. Gallagher.....	809,916	Jan. 9	2605	536-7	120	606
Vehicle controlling mechanism. Motor.....	C. O. Snyder.....	826,198	July 17	3072	636	123	811
Vehicle controlling-spring.....	J. H. Sager.....	830,454	Sept. 4	1118	235	124	277
Vehicle corner-support.....	W. G. Persing.....	820,251	May 8	2504	541	122	621
Vehicle-coupling.....	L. Evensen.....	827,431	July 31	5636	1168	123	1484
Vehicle-cover.....	W. Findlay.....	808,828	Jan. 2	403	88	120	90
Vehicle draft and steering gear.....	P. W. Martin.....	822,145	May 29	6306	1342-3	122	1639
Vehicle draft appliance.....	C. J. Bolte.....	818,997	Apr. 24	4888	1049	121	2588

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Vehicle draft attachment.....	J. H. Fritz.....	813,639	Feb. 27	4240	932	120	2557
Vehicle draft attachment.....	L. Voight.....	837,012	Nov. 27	4249	904	125	1180
Vehicle draft connection.....	A. T. Stutson.....	815,655	Mar. 20	3359	703	121	839
Vehicle draft-connector.....	V. O. Searer.....	819,936	May 8	1795	388	122	465
Vehicle draft-gear.....	C. Searer.....	809,328	Jan. 9	1443	292	120	351
Vehicle driving and steering mechanism. Motor.....	W. E. Ingram.....	826,940	July 24	4573	952	123	1207
Vehicle driving mechanism. Motor.....	C. E. Muff.....	811,314	Jan. 30	5487	1144	120	1351
Vehicle. Dump.....	O. E. Strehlow.....	828,581	Aug. 14	1792	378	123	2145
Vehicle. Dumping.....	S. C. Lancaster.....	808,991	Jan. 2	738	159-60	120	163
Vehicle. Dumping.....	J. Cronin.....	810,264	Jan. 16	3353	694	120	814
Vehicle. Dumping.....	J. M. Goodwin.....	816,009	Mar. 27	4107	867-9	121	1052
Vehicle. Dumping.....	J. Hovas.....	836,188	Nov. 20	2554	537	125	730
Vehicle. Dumping.....	W. O. Shadbolt.....	838,815	Dec. 18	3047	657	125	2195
Vehicle. Electrically-operated.....	H. Ducasse.....	827,687	July 31	6230	1293	123	1637
Vehicle. Electrically-propelled.....	R. Thayer. (Reissue).....	12,449	Feb. 6	1334	289-90	120	1763
Vehicle. Electrically-propelled.....	R. M. Hunter.....	826,508	July 17	3711	769	123	976
Vehicle. Electrically-propelled.....	R. Thayer and J. Ledwinka.....	838,283	Dec. 11	2036	439	125	1903
Vehicle. Electrically-propelled.....	H. M. Nicholls.....	839,185	Dec. 25	3778	816	125	2421
Vehicle-elevator.....	A. P. Smith, Jr.....	836,283	Nov. 20	2754	585	125	783
Vehicle-fender or obstruction-remover for road-vehicles.....	P. Arrieta y Sanz.....	814,930	Mar. 13	1842	385-6	121	460
Vehicle. Folding.....	J. P. Holman.....	826,662	July 24	4043	838	123	1074
Vehicle foot-rest.....	W. H. Little.....	826,862	July 24	4424	921	123	1116
Vehicle for cripples.....	F. Rowley.....	816,745	Apr. 3	376	87	121	1443
Vehicle for handling brick.....	J. J. Gledhill.....	826,779	July 24	4266	887	123	1133
Vehicle-frame construction.....	J. M. Goodwin.....	815,289	Mar. 13	2580	543	121	622
Vehicle frame. Motor.....	L. Lazerges.....	824,550	June 26	4612	979	122	2893
Vehicle frame. Motor.....	J. W. Lambert and C. M. Fuller.....	837,477	Dec. 4	399	91	125	1455
Vehicle frame. Motor-propelled.....	G. H. Jones.....	815,918	Mar. 20	3928	831	121	960
Vehicle-gear.....	L. E. Hickok.....	814,845	Mar. 13	1701	356	121	430
Vehicle-gear.....	L. E. Hickok.....	814,846	Mar. 13	1702	356	121	430
Vehicle-gear.....	F. E. Wilcox.....	826,636	July 24	4002	828	123	1064
Vehicle-gear.....	C. H. Holdredge.....	827,445	July 31	5660	1173	123	1490
Vehicle-gear.....	F. E. Wilcox.....	834,956	Nov. 6	149	30	125	41
Vehicle-gear.....	F. E. Wilcox.....	834,957	Nov. 6	150	30	125	42
Vehicle gearing. Motor.....	W. B. Bard.....	838,604	Dec. 18	2651	570	125	2098
Vehicle girder and bulkhead.....	J. M. Goodwin.....	815,287	Mar. 13	2577	542	121	621
Vehicle-guard.....	F. E. Jousset.....	826,432	July 17	3505	729	123	917
Vehicle-heater.....	W. R. Marentette.....	814,790	Mar. 13	1599	336	121	409
Vehicle-heater.....	J. F. Swengel and D. Byrne, Jr.....	816,397	Mar. 27	4928	1047	121	1228
Vehicle-heater.....	C. A. Snowden.....	825,427	July 10	1518	314	123	414
Vehicle hitching device.....	O. T. Adams and J. J. Berry.....	838,932	Dec. 18	3253	704	125	2242
Vehicle-hood frame.....	B. Cavallini.....	833,122	Oct. 9	2199	462-3	124	1784
Vehicle-jack.....	W. H. Hampson.....	829,205	Aug. 21	3073	646	123	2502
Vehicle-jack.....	W. H. Hampson.....	829,333	Aug. 21	3329	701	123	2564
Vehicle. Laterally-movable dumping.....	J. W. King.....	811,851	Feb. 6	599	130-1	120	1611
Vehicle lining. Traction.....	F. W. Kennedy.....	818,257	Apr. 17	3419	733	121	2217
Vehicle-loader.....	F. D. Aucutt.....	819,331	May 1	608	128	122	140
Vehicle-lock.....	R. Congreve.....	823,107	June 12	1773	366	122	2162
Vehicle lock-shoe.....	L. G. Gallup.....	819,214	May 1	360	77	122	86
Vehicle. Milk and cream.....	C. E. Austin.....	824,399	June 26	4288	914	122	2822
Vehicle motive power. Traction.....	G. G. Schroeder.....	832,214	Oct. 2	402	74-5	124	1310
Vehicle. Motor.....	T. L. and T. J. Sturtevant.....	809,475	Jan. 9	1764	364	120	421
Vehicle. Motor.....	A. Nunamaker.....	809,525	Jan. 9	1854	385	120	441
Vehicle. Motor.....	H. M. Pope.....	810,379	Jan. 16	3611	743	120	872
Vehicle. Motor.....	L. S. Pfouts.....	810,881	Jan. 23	4604	959	120	1126
Vehicle. Motor.....	A. Inglis.....	811,403	Jan. 30	5652	1183	120	1386
Vehicle. Motor.....	P. E. Hanson.....	813,044	Feb. 20	3038	669	120	2237
Vehicle. Motor.....	C. M. J. Petiet.....	816,250	Mar. 27	4587	976	121	1156
Vehicle. Motor.....	H. W. Southworth.....	820,444	May 15	2874	626	122	760
Vehicle. Motor.....	C. Durkee.....	820,709	May 15	3393	726-7	122	873
Vehicle. Motor.....	J. W. Bird.....	820,905	May 15	3829	817	122	971
Vehicle. Motor.....	C. Stumma.....	822,162	May 29	6350	1350	122	1649
Vehicle. Motor.....	A. Fröde.....	823,719	June 19	2994	634	122	2487
Vehicle. Motor.....	A. Weiss.....	827,766	Aug. 7	162	33	123	1710
Vehicle. Motor.....	B. F. Coffman and L. B. Cherry.....	828,713	Aug. 14	2045	431-2	123	2208
Vehicle. Motor.....	E. Chaquette.....	830,642	Sept. 11	1523	314-15	124	409
Vehicle. Motor.....	J. A. Carr.....	831,499	Sept. 18	3188	674	124	857
Vehicle. Motor.....	M. Grier.....	834,008	Oct. 23	4207	892-3	124	2366
Vehicle. Motor.....	M. Fischer.....	834,283	Oct. 30	4811	1017	124	2564
Vehicle. Motor.....	J. M. Lansden, Jr.....	837,628	Dec. 4	696	160-1	125	1527
Vehicle. Motor.....	J. Post.....	837,722	Dec. 4	898	203-5	125	1577
Vehicle. Motor.....	W. D. Hawk.....	838,112	Dec. 11	1671	360-1	125	1815
Vehicle. Motor.....	W. T. Kammann.....	839,068	Dec. 18	3498	756-7	125	2305
Vehicle. Motor-driven.....	H. T. Hansen.....	812,338	Feb. 13	1668	367	120	1905
Vehicle. Motor-driven.....	O. G. A. Littmann.....	817,258	Apr. 10	1420	299	121	1731
Vehicle. Motor-propelled.....	W. S. Johnson.....	815,213	Feb. 20	3381	745-7	120	2311
Vehicle. Motor road.....	W. B. Megone.....	821,302	May 22	4646	989-90	122	1211
Vehicle-motor-suspension mechanism.....	F. B. Rae.....	810,674	Jan. 23	4214	872	120	1042
Vehicle motor-wheel.....	W. B. Annable.....	834,879	Nov. 6	5	1	125	3
Vehicle movements. Apparatus for recording.....	B. F. Teal.....	819,618	May 1	1133	250-1	122	255
Vehicle mud-guard. Motor.....	C. Schmidt.....	821,751	May 29	5565	1184	122	1471
Vehicle on a line of way or railway. Means for controlling the movements of a.....	F. F. Kinsman.....	836,120	Nov. 20	2405	509	125	695
Vehicle-platform.....	W. E. Reynolds and W. F. Gro-nau.....	810,222	Jan. 16	3257	675	120	794
Vehicle power-transmitting mechanism. Motor.....	R. Symmonds, Jr.....	809,337	Jan. 9	1462	296	120	356
Vehicle power-transmitting mechanism. Motor.....	R. Symmonds, Jr.....	809,338	Jan. 9	1466	296-7	120	358
Vehicle propelling apparatus.....	A. Ahlbrecht.....	830,631	Sept. 11	1505	311	124	405
Vehicle reach-rod. Motor.....	G. E. Franquist.....	825,594	July 10	1869	396	123	498
Vehicle rear seat.....	G. H. Hutton, Jr.....	830,325	Sept. 4	856	176	124	213
Vehicle recoil-check.....	H. A. House.....	810,282	Jan. 16	3389	367	120	823
Vehicle-recorder.....	J. T. Whalen.....	811,015	Jan. 30	4905	1023	120	1226
Vehicle recording apparatus. Motor.....	D. Mason.....	815,303	Mar. 13	2612	548	121	629
Vehicle repairing device.....	C. W. Javers.....	809,192	Jan. 2	1122	234	120	248
Vehicle. Road.....	H. J. Miller.....	839,613	Dec. 25	4624	986	125	2626

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Draw.	Vol.	Page.
Vehicle running-gear.....	G. McHenry.....	811,944	Feb. 6	820	179-80	120	1656
Vehicle running-gear.....	J. H. Gressom.....	815,527	Mar. 20	3110	650	121	784
Vehicle running-gear.....	E. Einfeldt.....	816,852	Apr. 3	603	125-6	121	1492
Vehicle running-gear.....	R. B. Sheridan.....	817,879	Apr. 17	2649	575	121	2049
Vehicle running-gear.....	F. J. Singler.....	823,371	June 12	2304	482	122	2278
Vehicle running-gear.....	M. R. Bruner.....	829,500	Aug. 28	3696	780	123	2700
Vehicle running-gear.....	F. L. Binford.....	830,961	Sept. 11	2122	449	124	562
Vehicle running-gear.....	H. M. Fouk.....	833,379	Oct. 16	2748	579	124	1974
Vehicle running-gear. Motor-.....	R. B. Vaughn.....	816,282	Mar. 27	4652	987	121	1170
Vehicle running-gear. Motor-.....	C. Schmidt.....	824,747	July 3	93	18	123	27
Vehicle safety guard or fender. Tramway and the like.....	P. Lentz.....	818,837	Apr. 24	4590	984	121	2524
Vehicle-scraper.....	J. M. Johnson.....	819,658	May 1	1218	267	122	273
Vehicle-seat.....	D. G. McDiarmid.....	820,008	May 8	2005	440	122	506
Vehicle-seat.....	J. N. Froeber.....	835,355	Nov. 6	960	205	125	243
Vehicle-seat.....	L. Kuchenbecker.....	838,426	Dec. 11	2303	498	125	1969
Vehicle-seat. Auxiliary.....	T. W. Parks.....	812,360	Feb. 13	1701	373-4	120	1913
Vehicle seat-brace.....	I. W. Cool.....	832,776	Oct. 9	1532	313	124	1621
Vehicle seat-lock.....	H. C. Swan.....	821,319	May 22	4680	997	122	1219
Vehicle seat suspension. Motor-.....	O. Werner.....	817,682	Apr. 10	2224	476	121	1901
Vehicle. Self-propelled.....	H. Hill.....	813,422	Feb. 27	3812	836	120	2460
Vehicle. Self-propelled.....	H. Lemp.....	825,225	July 3	1068	225-6	123	279
Vehicle shade device.....	G. Armstrong.....	826,915	July 24	4537	944	123	1198
Vehicle-shaft.....	D. W. Connell.....	832,719	Oct. 9	1416	286	124	1593
Vehicle shifting rail.....	D. W. Connell.....	831,833	Sept. 25	3890	815	124	1077
Vehicle shock-absorber.....	R. P. Winsor. (Reissue).....	12,566	Nov. 20	3509	749	125	959
Vehicle-signal.....	A. H. Rosing.....	827,265	July 31	5276	1094	123	1396
Vehicle sleigh-runner attachment.....	J. J. and T. E. Nicholson.....	817,982	Apr. 17	2858	619	121	2098
Vehicle. Somersaulting.....	J. and E. Ravel.....	810,303	Jan. 16	3439	710-11	120	834
Vehicle spoke-boot.....	J. T. Mills.....	834,150	Oct. 23	4528	961	124	2449
Vehicle-spring.....	J. W. Sutton.....	813,678	Feb. 27	4309	949	120	2572
Vehicle-spring.....	H. R. Rockwell.....	827,569	July 31	5960	1236	123	1562
Vehicle-spring.....	R. E. Hardesty.....	828,206	Aug. 7	1010	210-11	123	1918
Vehicle-spring.....	J. M. Waugh.....	828,357	Aug. 14	1346	284	123	2028
Vehicle-spring.....	C. L. Thomas.....	830,809	Sept. 11	1857	386	124	498
Vehicle-spring.....	C. L. Thomas.....	830,810	Sept. 11	1858	386	124	498
Vehicle-spring.....	S. Furnidge.....	831,276	Sept. 18	2781	586	124	754
Vehicle-spring.....	L. L. Sheddian.....	832,171	Oct. 2	309	58	124	1288
Vehicle-spring.....	M. L. Senderling.....	836,345	Nov. 20	2871	610	125	810
Vehicle-spring.....	J. A. Lannert.....	838,792	Dec. 18	3000	647	125	2183
Vehicle spring-gear.....	C. A. Hennicke.....	809,946	Jan. 16	2678	553	120	674
Vehicle spring-platform.....	F. G. Davis.....	838,956	Dec. 18	3288	711	125	2251
Vehicle-spring. Pneumatic.....	M. M. Howland.....	811,296	Jan. 30	5458	1138	120	1345
Vehicle-spring. Pneumatic or elastic.....	W. H. Staats.....	816,687	Apr. 3	284	66	121	1423
Vehicle spring-wheel.....	J. G. Babio.....	813,397	Feb. 27	3761	826	120	2449
Vehicle-springs. Equalizing device for.....	J. A. Roth.....	813,388	Feb. 20	3727	819	120	2383
Vehicle steering device.....	G. K. Rudert.....	810,679	Jan. 23	4220	874	120	1043
Vehicle steering device.....	J. Morig.....	828,952	Aug. 21	2523	535	123	2361
Vehicle steering-gear and motor-controlling mechanism. Motor.....	R. Huff.....	829,402	Aug. 28	3467	729	123	2644
Vehicle steering-gear. Self-locking.....	E. F. Steck.....	826,382	July 17	3416	708	123	894
Vehicle steering-gear. Self-propelled.....	J. H. Taylor.....	827,763	Aug. 7	152	31	123	1707
Vehicle steering-head. Motor-.....	G. E. Franquist.....	825,593	July 10	1867	395	123	497
Vehicle steering-knuckle.....	J. O. Haas.....	810,372	Jan. 16	3578	736	120	865
Vehicle steering mechanism.....	F. B. Rae.....	810,673	Jan. 23	4212	872	120	1042
Vehicle steering mechanism. Motor-.....	T. P. Meinhard.....	809,620	Jan. 9	2051	425-6	120	482
Vehicle steering mechanism. Motor-.....	C. M. J. Petiet.....	816,935	Apr. 3	775	159	121	1531
Vehicle-step.....	J. Erret.....	810,199	Jan. 16	3211	665	120	784
Vehicle-step. Jointed.....	S. H. Wilson.....	835,004	Nov. 6	252	55	125	66
Vehicle storm-apron.....	F. M. Gault.....	814,687	Mar. 13	1402	292	121	366
Vehicle storm-cover.....	H. C. Benner.....	824,774	July 3	178	31	123	52
Vehicle storm-front.....	H. D. Pursell.....	834,025	Oct. 23	4247	900	124	2377
Vehicle storm-front.....	C. M. Stone.....	824,515	June 26	4533	962	122	2877
Vehicle storm-front. Adjustable.....	J. M. Harter.....	835,134	Nov. 6	521	105-6	125	134
Vehicle storm-shield.....	G. W. Scott.....	832,751	Oct. 9	1478	297	124	1609
Vehicle storm-shield.....	M. R. Hull.....	816,013	Mar. 27	4113	871	121	1054
Vehicle storm-top.....	L. Horner.....	827,867	Aug. 7	346	73-4	123	1756
Vehicle storm-top.....	W. A. Hunter.....	830,664	Sept. 11	1573	324	124	423
Vehicle suspension.....	W. Blanc and L. Faiche.....	829,760	Aug. 28	4237	897	123	2833
Vehicle-top.....	P. Weidner.....	825,686	July 10	2102	437	123	560
Vehicle-top.....	P. N. Staff.....	828,580	Aug. 14	1791	378	123	2145
Vehicle-top. Folding.....	R. B. Miles.....	820,059	May 8	2116	461	122	535
Vehicle-top storm-front.....	C. C. Daugherty.....	811,039	Jan. 30	4945	1032	120	1235
Vehicle-top support and protector.....	A. S. Mathews and T. Roeder.....	832,688	Oct. 9	1353	273	124	1578
Vehicle. Traction-.....	F. H. Gilbert.....	836,875	Nov. 27	3943	842	125	1110
Vehicle transmission-gear. Motor-.....	T. P. Meinhard.....	812,664	Feb. 13	2296	499-500	120	2031
Vehicle. Two-wheeled.....	F. M. Harrington.....	812,421	Feb. 13	1829	401	120	1938
Vehicle umbrella or canopy support.....	H. L. Johnston.....	828,212	Aug. 7	1021	213	123	1920
Vehicle weighing device.....	E. T. Zeidler.....	810,517	Jan. 23	3923	806-7	120	978
Vehicle-wheel.....	M. G. Babio.....	809,040	Jan. 2	816	176	120	180
Vehicle-wheel.....	G. D. Munsing.....	809,205	Jan. 2	1146	238	120	252
Vehicle-wheel.....	W. Wright.....	809,881	Jan. 9	2529	524	120	589
Vehicle-wheel.....	T. Gare.....	810,526	Jan. 23	3941	811	120	982
Vehicle-wheel.....	M. G. Heitz-Boyer.....	812,563	Feb. 13	2115	463-4	120	1997
Vehicle-wheel.....	M. G. Babio.....	812,629	Feb. 13	2237	487	120	2020
Vehicle-wheel.....	F. A. Seiberling.....	814,087	Mar. 6	173	34	121	39
Vehicle-wheel.....	F. A. Seiberling.....	814,088	Mar. 6	175	35	121	39
Vehicle-wheel.....	G. H. Williams.....	814,580	Mar. 6	1158	242	121	251
Vehicle-wheel.....	C. C. Wilson.....	815,573	Mar. 20	3192	671	121	802
Vehicle-wheel.....	R. F. Martindale.....	815,611	Mar. 20	3261	684	121	818
Vehicle-wheel.....	R. S. Bryant.....	816,149	Mar. 27	4401	930	121	1116
Vehicle-wheel.....	J. C. Schleicher.....	816,189	Mar. 27	4479	948-9	121	1133
Vehicle-wheel.....	H. B. Gillette.....	816,576	Apr. 3	39	11	121	1362
Vehicle-wheel.....	F. J. Lancaster.....	817,787	Apr. 17	2465	527	121	2009
Vehicle-wheel.....	J. C. Schleicher.....	818,198	Apr. 17	3298	705	121	2193
Vehicle-wheel.....	G. A. Schultz.....	818,857	Apr. 24	4629	994	121	2532

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Vehicle-wheel	M. Bunker	819,039	May 1	9	3	122	5
Vehicle-wheel	S. S. and W. Childs, Jr	819,337	May 1	618	130-1	122	142
Vehicle-wheel	J. F. De Jarnette	819,344	May 1	627	133	122	144
Vehicle-wheel	G. S. Whiteley	820,077	May 8	2162	471	122	545
Vehicle-wheel	G. H. Mitchell	821,519	May 22	5088	1084	122	1309
Vehicle-wheel	L. G. Langstaff	822,615	June 5	774	157	122	1899
Vehicle-wheel	W. S. White	823,454	June 12	2455	519	122	2309
Vehicle-wheel	W. E. Greer	824,241	June 26	3989	854	122	2761
Vehicle-wheel	J. R. McAlister	824,571	June 26	4648	988	122	2900
Vehicle-wheel	J. A. Yarger	824,772	July 3	176	31	123	52
Vehicle-wheel	J. M. Lansden, Jr.	824,797	July 3	228	41	123	64
Vehicle-wheel	J. Sangwell	826,065	July 17	2822	586	123	752
Vehicle-wheel	G. T. Drew	826,092	July 17	2875	596	123	765
Vehicle-wheel	G. T. Drew	826,093	July 17	2878	596	123	766
Vehicle-wheel	L. A. Allwine	826,914	July 24	4535	943	123	1198
Vehicle-wheel	G. W. T. Akehurst	827,494	July 31	5810	1205	123	1526
Vehicle-wheel	C. R. Bohannon	828,269	Aug. 7	1133	238	123	1946
Vehicle-wheel	A. H. Kopperud	830,083	Sept. 4	352	70	124	85
Vehicle-wheel	T. D. Stag	831,308	Sept. 18	2847	603	124	771
Vehicle-wheel	C. T. Schoen	831,384	Sept. 18	2982	633	124	804
Vehicle-wheel	F. E. Johnston and F. A. Sniderman	831,955	Sept. 25	4158	866	124	1143
Vehicle-wheel	M. L. Porter	832,080	Oct. 2	98	22	124	1235
Vehicle-wheel	J. H. Drake	832,368	Oct. 2	696	134	124	1380
Vehicle-wheel	H. S. Pullman	832,500	Oct. 2	1076	216	124	1472
Vehicle-wheel	H. Bell	832,950	Oct. 9	1876	389	124	1703
Vehicle-wheel	H. Bell	833,115	Oct. 9	2191	460	124	1782
Vehicle-wheel	J. Dunstedter	833,158	Oct. 16	2286	481	124	1853
Vehicle-wheel	L. Sturges	833,183	Oct. 16	2351	492	124	1871
Vehicle-wheel	F. J. Lancaster	833,397	Oct. 16	2796	591-2	124	1984
Vehicle-wheel	F. J. Lancaster	833,398	Oct. 16	2798	592	124	1985
Vehicle-wheel	W. G. Titherington	833,763	Oct. 23	3528	752	124	2203
Vehicle-wheel	A. N. Webb	835,124	Nov. 6	505	102	125	130
Vehicle-wheel	J. M. Kerwin, T. F., Jr., and H. H. Broomall	835,793	Nov. 13	1796	381	125	498
Vehicle-wheel	S. S. Childs	836,302	Nov. 20	279	594	125	794
Vehicle-wheel	J. Bolick	836,361	Nov. 20	2898	615	125	815
Vehicle-wheel	M. H. de Hora	836,578	Nov. 20	3321	708	125	917
Vehicle-wheel	W. J. and J. R. Mitchell	837,326	Dec. 4	99	26	125	1379
Vehicle-wheel	J. J. McIntyre	837,709	Dec. 4	874	197	125	1572
Vehicle-wheel	H. C. Rickbeit	837,885	Dec. 4	1194	264	125	1650
Vehicle-wheel	D. Ward	837,987	Dec. 11	1406	306	125	1747
Vehicle-wheel	E. Keyser	838,030	Dec. 11	1494	322	125	1770
Vehicle-wheel	V. E. Beauchemin	838,070	Dec. 11	1597	343	125	1795
Vehicle-wheel	E. P. Damon	838,954	Dec. 18	3285	710	125	2250
Vehicle-wheel	T. Midgley	839,018	Dec. 18	3400	733	125	2280
Vehicle-wheel	T. T. Chaloner	839,728	Dec. 25	4875	1042	125	2687
Vehicle wheel and axle	M. Conrad. (Reissue)	12,522	Aug. 21	3427	721	123	2587
Vehicle-wheel and pneumatic tire therefor	E. Chaquet	829,461	Aug. 28	3626	761-52	123	2684
Vehicle-wheel. Elastic	F. L. Harmon	818,957	Apr. 24	4812	1035	121	2572
Vehicle-wheel. Metal	R. T. Lewis, Jr.	838,630	Dec. 18	2703	579	125	2111
Vehicle-wheel. Resilient	J. W. Roddy	814,479	Mar. 6	973	199	121	212
Vehicle wheel. Road	A. C. Birkin	821,213	May 22	4467	954	122	1172
Vehicle wheel. Road	G. Middleton	827,930	Aug. 7	468	96	123	1789
Vehicle wheel. Road	G. S. Ogilvie	831,979	Sept. 25	4202	877	124	1155
Vehicle. Wheeled	S. G. Whitehouse	826,204	July 17	3086	639	123	814
Vehicle. Wheeled	S. G. Whitehouse	828,162	Aug. 7	931	191	123	1899
Vehicle wind-guard. Motor	G. B. Levy	827,377	July 31	5486	1140	123	1448
Vehicle-wrench	A. Defenbaugh	811,549	Feb. 6	24	6	120	1490
Vehicles and the like. Driving mechanism for	D. Kiser	819,110	Aug. 21	2855	599	123	2447
Vehicles. Antivibration device for	O. W. Schaum	832,626	Oct. 9	1230	247	124	1550
Vehicles. Brake-rigging for self-propelled	C. O. Snyder	824,215	June 26	3935	842-3	122	2750
Vehicles. Buffer for use on motor-	F. R. Simms	814,171	Mar. 6	332	67	121	73
Vehicles by fluid-pressure. Apparatus for operating dumping-	J. M. Goodwin	816,008	Mar. 27	4105	867	121	1052
Vehicles. Carburetor control mechanism for motor-	C. Schmidt	823,742	June 19	3036	642-3	122	2495
Vehicles. Electrical controller for electric	K. Knudsen	818,768	Apr. 24	4458	956	121	2496
Vehicles, &c. Friction-gearing for motor-	L. Maurer	835,797	Nov. 13	1805	382	125	499
Vehicles. Frictional retarding means for spring-	J. M. M. Truffault. (Reissue)	12,437	Jan. 16	3624	746	120	875
Vehicles. Gear-controlling device for motor-	E. B. Gadsby and G. P. Dorris	821,161	May 22	4374	931	122	1153
Vehicles. Gearing for motor-	C. Schmidt	826,365	July 17	3384	690-700	123	887
Vehicles. Hanging-strap for passenger-	J. S. Collins	810,395	Jan. 23	3670	756	120	919
Vehicles. Horse-controlling attachment for	A. M. McGeary	814,915	Mar. 13	1813	379	121	454
Vehicles. Means for elevating and transporting motor road-	H. Adams	837,372	Dec. 4	193	47	125	1404
Vehicles. Oscillating supporting device for	H. M. Foulk	833,380	Oct. 16	2749	579	124	1974
Vehicles. Pawl-and-ratchet device for dumping-	A. Mertes	835,452	Nov. 6	1156	249-50	125	291
Vehicles. Rotary washer for	J. D. Chapman and W. R. McAttee	820,475	May 15	2942	637	122	776
Vehicles. Shock-absorber for	R. P. Winsor	818,646	Apr. 24	4208	904	121	2442
Vehicles. Shock-absorber for spring-	R. P. Winsor	818,647	Apr. 24	4209	905	121	2442
Vehicles. Shock-absorber for spring-	G. E. Shippey	825,083	July 3	788	164	123	211
Vehicles. Spark-coil box for motor-	R. Huff	828,251	Dec. 11	1980	424-5	125	1889
Vehicles. Speed and distance indicator for	C. R. Johnson and C. Knopf	830,594	Dec. 25	4589	979	125	2617
Vehicles. Steam-drying apparatus for motor-	H. Howard	818,625	Apr. 24	4162	895	121	2431
Vehicles. Steam-heating apparatus for	H. Gerdes	836,317	Nov. 20	2820	598-9	125	799
Vehicles. Suspension member for six-wheel	C. H. Lindecker	838,343	Dec. 11	2139	463	125	1930
Vehicles. Wind-shield for	G. W. Kerr	812,930	Feb. 20	2814	620	120	2189
Vehicles. Winding-lever for motor-	J. D. Metcalfe	830,348	Sept. 4	900	185	124	222
Veil-holder	M. W. Lee	814,221	Mar. 6	429	88	121	93
Veil-rack	M. D. Coey	836,438	Nov. 20	3067	651	125	855
Velocipede	C. A. Rudbeck	813,741	Feb. 27	4423	975	120	2595
Velocipede	C. A. Rudbeck	813,742	Feb. 27	4426	976	120	2596
Velocipede	G. W. Grove	827,012	July 24	4702	980	123	1238
Velocipede	S. Tresouthick	827,481	July 31	5786	1200	123	1520
Velocipede	Z. T. Carroll	838,381	Dec. 11	2218	480	125	1948
Velocipede driving mechanism	A. Schaad-Voegeli	827,571	July 31	5963	1237	123	1563

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Velocipede. Foldable railway-	H. Barry	811,269	Jan. 30	5403	1127-8	120	1333
Velocipede. Ice-	H. Schneekloth	813,025	Feb. 20	3005	662	120	2230
Vender. Peanut-	J. C. Simering	813,026	Feb. 20	3008	662	120	2231
Vending apparatus.	T. M. A. Sury	824,831	July 3	315	57-8	123	88
Vending apparatus.	J. A. Williams	826,207	July 17	3090	640-1	123	815
Vending apparatus.	J. A. Williams	826,208	July 17	3093	641	123	816
Vending apparatus. Coin-controlled liquid-	E. W. Lindgren	817,788	Apr. 17	2466	527	121	2009
Vending apparatus. Post-stamp-	M. Sclaff	831,113	Sept. 18	2465	521	124	676
Vending device.	S. C. Gilbert	816,975	Apr. 3	862	178	121	1549
Vending device.	J. D. Frazey	836,675	Nov. 27	3538	754-5	125	1004
Vending device.	W. C. Johnson	836,688	Nov. 27	3577	762	125	1013
Vending device. Coin-controlled	G. W. Meredith	823,956	June 19	3447	736-7	122	2587
Vending-machine.	H. K. Hansen	809,563	Jan. 9	1928	400	120	457
Vending-machine.	A. Merckens	811,571	Feb. 6	71	15	120	1500
Vending-machine.	L. C. Spooner	814,332	Mar. 6	671	135-6	121	147
Vending-machine.	W. E. Leighton and F. A. Holmes	814,712	Mar. 13	1447	303	121	376
Vending-machine.	F. A. Huser	815,173	Mar. 13	2352	492	121	569
Vending-machine.	J. E. Packard	815,731	Mar. 20	3525	740-1	121	876
Vending-machine.	F. W. Tucker	815,882	Mar. 20	3858	817-18	121	944
Vending-machine.	J. W. Peden	816,594	Apr. 3	99	20	121	1379
Vending-machine.	O. K. Sletto	817,727	Apr. 10	2318	498-9	121	1925
Vending-machine.	C. A. Gunder	817,912	Apr. 17	2724	591	121	2067
Vending-machine.	W. C. Whitney	818,593	Apr. 24	4081	876-7	121	2412
Vending-machine.	W. C. Whitney	818,594	Apr. 24	4087	878-9	121	2413
Vending-machine.	P. E. Berger	822,909	June 12	1353	281	122	2070
Vending-machine.	A. Merckens	823,064	June 12	1668	345	122	2140
Vending-machine.	J. E. Packard	823,633	June 19	2840	601	122	2454
Vending-machine.	J. E. Packard	823,634	June 19	2843	602	122	2455
Vending-machine.	G. Wiles and E. G. Haskell	825,256	July 3	1123	238	123	292
Vending-machine.	R. W. Shely	827,043	July 24	4766	995-6	123	1254
Vending-machine.	E. C. Janson	827,448	July 31	5667	1175	123	1492
Vending-machine.	T. C. Asplund	829,245	Aug. 21	3139	661	123	2517
Vending-machine.	R. J. Dickie	829,514	Aug. 28	3735	793	123	2711
Vending-machine.	R. Ziebell	830,815	Sept. 11	1870	389	124	592
Vending-machine.	W. H. Laraway	831,082	Sept. 18	2402	504	124	664
Vending-machine.	H. H. Pulver	836,651	Nov. 20	3460	739	125	949
Vending-machine.	N. C. Wallenthin	836,721	Nov. 27	3637	775	125	1078
Vending-machine.	N. C. Wallenthin	836,722	Nov. 27	3640	776	125	1029
Vending-machine.	J. W. Patterson	837,337	Dec. 4	116	31	125	1383
Vending-machine.	J. Paupa and G. F. Hochriem	839,192	Dec. 25	3791	818-20	125	2424
Vending-machine. Automatic.	G. C. Yocum	811,756	Feb. 6	408	89	120	1575
Vending-machine. Automatic.	A. E. Wyatt	812,778	Feb. 13	2508	551	120	2075
Vending-machine. Automatic.	G. C. Yocum	830,033	Sept. 4	243	48-9	124	60
Vending machine. Cigar-	A. M. Stanley	821,761	May 29	5581	1188	122	1475
Vending machine. Cigar-	G. W. Meredith	823,954	June 19	3441	735	122	2586
Vending machine. Cigar-	G. W. Meredith	823,955	June 19	3443	736	122	2587
Vending machine. Cigar-	O. B. Ross	828,971	Aug. 21	2559	541-2	123	2368
Vending machine. Cigar-	C. M. Dodson	839,737	Dec. 25	4891	1045-6	125	2692
Vending machine. Coin-actuated.	J. J. Green	819,422	May 1	778	167-8	122	176
Vending machine. Coin-controlled	E. F. Spaulding	810,576	Jan. 23	4036	830-1	120	1002
Vending machine. Coin-controlled	F. E. Hall and A. MacLeod	810,747	Jan. 23	4341	903	120	1070
Vending machine. Coin-controlled	J. Heinrich, J. Schmidt, and C. L. Etheridge	811,501	Jan. 30	5815	1217-18	120	1419
Vending-machine. Coin-controlled	S. L. Long	816,107	Mar. 27	4312	913-14	121	1097
Vending-machine. Coin-controlled	F. W. Tucker	816,515	Mar. 27	5154	1093	121	1277
Vending-machine. Coin-controlled	J. L. Simmons	824,677	June 26	4849	1034	122	2944
Vending-machine. Coin-controlled	E. Wheaton	825,569	July 10	1821	387	123	486
Vending-machine. Coin-controlled	J. B. Fender	826,556	July 24	3831	793-4	123	1019
Vending-machine. Coin-controlled	S. L. Long	831,109	Sept. 18	2559	539-40	124	688
Vending-machine. Coin-controlled	F. J. Rowe	831,189	Sept. 18	2601	548	124	707
Vending-machine. Coin-controlled	M. E. Shaw	835,838	Nov. 13	1880	398-9	125	518
Vending-machine. Coin-operated	J. A. Rule	822,869	June 5	1267	261	122	2004
Vending-machine. Coin-operated	W. F. Meschenmoser	832,144	Oct. 2	257	49	124	1275
Vending-machine. Coin-operated	J. E. Kalkau and H. T. W. Boeck	835,222	Nov. 6	690	142	125	175
Vending-machine. Coin-operated	A. Spear	836,346	Nov. 20	2873	610	125	810
Vending-machine. Coin-operated	J. A. Webster	837,362	Dec. 4	171	40-1	125	1398
Vending-machine. Coin-operated	J. H. Miller	837,702	Dec. 4	859	193-4	125	1569
Vending-machine delivery device	D. K. Wenrich	819,393	May 1	728	154-5	122	165
Vending-machine delivery mechanism.	J. E. Packard	833,334	Oct. 16	2663	560	124	1951
Vending machine. Newspaper-	J. A. Rule	818,296	Apr. 17	3490	750	121	2233
Vending machine. Newspaper-	S. L. Long	839,304	Dec. 25	4011	861-2	125	2477
Vending machine. Postage-stamp-	M. Delude	823,769	June 19	3092	654-5	122	2507
Vending machine. Souvenir-	P. J. Pool	825,555	July 10	1794	378-9	123	480
Vending-machines. Elevating and delivering mechanism for	W. Mooney	837,239	Nov. 27	4685	994	125	1289
Vending machines. Fraud-preventive mechanism for cigar-	J. Heinrich, J. Schmidt, and C. L. Etheridge	811,395	Jan. 30	5633	1179	120	1383
Vending-machines. Mechanism for feeding cigars in	J. Heinrich, J. Schmidt, and C. L. Etheridge	811,396	Jan. 30	5637	1180	120	1383
Vending-machines or the like. Automatic signaling and detecting device for	E. L. Harman	830,064	Sept. 4	308	62-3	124	75
Vending-machines. Trip-lock for coin-operated	C. Bigelow	833,574	Oct. 16	3168	673	124	2071
Vencer barrels. Machine for making	W. R. Stokely	833,983	Oct. 23	4138	879	124	2349
Veneer-bending machine.	H. O. Little	812,854	Feb. 20	2663	584	120	2154
Veneer-cutter	L. Koss	817,784	Apr. 17	2457	524	121	2007
Veneer-cutting machine.	J. J. Russell	809,136	Jan. 2	1022	211	120	225
Veneer-cutting machine.	W. R. Bright	822,647	June 5	840	171	122	1913
Veneer-drier	W. M. Schwartz	811,446	Jan. 30	5722	1199	120	1400
Veneer-drier	E. F. Smith	822,997	June 12	1520	316-17	122	2108
Veneer-handling mechanism.	W. W. Wood	832,519	Oct. 2	995	200	124	1451
Veneer-machine.	E. F. Smith	839,661	Dec. 25	4739	1013	125	2653
Veneer-mill stay-logs. Flitch-clamp for.	O. M. Pruitt and L. H. Price	828,336	Aug. 14	1306	276	123	2018
Veneer-press	M. Jungel	823,175	June 12	1904	392-3	122	2191
Veneer rolls. Wood core for.	F. Oberbeck	839,189	Dec. 25	3786	817	125	2422

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Veneers. Process and apparatus for preparing and cutting	G. S. Mayhew	814,062	Mar. 6	123	24	121	28
Veneering-machine	R. H. Lynn	814,382	Mar. 6	773	156	121	171
Vent. Receptacle	P. Donaldson	823,851	June 19	3247	687	122	2543
Ventilating apparatus	C. H. Treat	809,645	Jan. 9	2110	436-7	120	493
Ventilating apparatus	H. De Wallace	811,832	Feb. 6	552	122	120	1602
Ventilating apparatus	E. L. Parrish	814,620	Mar. 6	1233	260	121	267
Ventilating apparatus. Automatic	F. C. Chaddborn	818,229	Apr. 17	3359	719	121	2205
Ventilating apparatus. Automatic	J. H. Hummel	821,416	May 22	4896	1041	122	1268
Ventilating device	R. Taylor	830,749	Sept. 11	1760	362	124	474
Ventilating device	N. L. Friese	836,315	Nov. 20	2818	598	125	798
Ventilating means for inclosed machines	E. M. Tingley	819,820	May 8	1569	334	122	414
Ventilating-plate	J. D. Riggs	828,247	Aug. 7	1085	228	123	1935
Ventilating with conditioned or filtered, cooled, or warmed and moistened air. Apparatus for use in	J. A. Hart	833,686	Oct. 16	3387	719-21	124	2122
Ventilation-terminal	C. P. Gould	829,961	Sept. 4	54	10	124	13
Ventilator:							
See Basement and like ventilator.	Ozone-ventilator.						
Car-ventilator.	Sash-ventilator.						
Car or the like ventilator.	Sewer and other pipe ventilator.						
Hat-ventilator.	Stovepipe-ventilator.						
Window-ventilator.	Window-ventilator.						
Ventilator	W. T. Cottier	814,357	Mar. 6	726	147	121	160
Ventilator	J. L. Harrington and S. C. Hodge	814,651	Mar. 6	1299	273	121	281
Ventilator	M. Kinzey	815,434	Mar. 20	2946	611	121	750
Ventilator	A. Rasmussen	817,002	Apr. 3	913	188	121	1561
Ventilator	C. L. Pullman	822,074	May 29	6178	1316	122	1610
Ventilator	H. L. Morrill	823,350	June 12	2272	474	122	2272
Ventilator	J. W. Bequette and B. F. Sackett	827,603	July 31	6018	1252	123	1576
Ventilator	R. M. Dixon	829,102	Aug. 21	2834	595	123	2443
Ventilator	W. F. Warden	829,817	Aug. 28	4369	923	123	2867
Ventilator	C. W. Edwards	832,247	Oct. 2	473	87-8	124	1327
Ventilator	L. Walente	834,422	Oct. 30	5077	1078	124	2630
Ventilator	J. H. Fulton	838,248	Dec. 11	1975	423	125	1888
Ventilator	E. H. Caswell	838,382	Dec. 11	2220	481	125	1948
Ventilator	G. Mittinger, Jr.	838,637	Dec. 18	2715	582	125	2114
Ventilator	M. Townsend	839,231	Dec. 25	3875	833	125	2443
Ventilator for ships, boats, &c.	E. Kolbassieff	824,726	July 3	56	10	123	18
Ventilator-grate	S. Petersen	830,926	Sept. 11	2063	434	124	549
Ventilator-lifter	C. A. Black, Jr.	816,212	Mar. 27	4521	960	121	1141
Venturi tube	A. S. Tuttle	816,280	Mar. 27	4649	987	121	1169
Vertical boiler	T. Suzuki	810,002	Jan. 16	2787	575	120	697
Vessel	Z. Scott	813,177	Feb. 20	3314	729	120	2298
Vessel	A. Leslie	821,514	May 22	5077	1081	122	1307
Vessel and mechanism connected therewith. Submarine	G. Simpson	812,956	Feb. 20	2879	636	120	2204
Vessel. Chemical	W. Kiel	819,765	May 8	1457	311	122	386
Vessel construction	O. S. Pulliam	836,892	Nov. 27	3978	850	125	1119
Vessel. Dumping	P. Constantene	819,691	May 1	1295	281	122	291
Vessel. Marine	J. E. Johnson	809,064	Jan. 2	867	184	120	192
Vessel. Marine	J. J. Sitzler	812,604	Feb. 13	2194	478	120	2012
Vessel. Marine	C. A. Manker	815,187	Mar. 13	2393	498	121	579
Vessel. Marine	J. W. Martin	830,908	Sept. 11	2035	428	124	543
Vessel. Metallic	C. L. Coffin	816,558	Apr. 3	12	3	121	1357
Vessel. Navigable	J. P. Pool	815,635	Mar. 20	3316	695	121	830
Vessel. Navigable	J. P. Pool	815,737	Mar. 20	3541	743	121	879
Vessel or receptacle handle	E. Mohr	818,273	Apr. 17	3442	740	121	2223
Vessel propelled by steam	E. C. Robinson	817,519	Apr. 10	1938	409	121	1841
Vessel-stopper	A. A. Low	832,071	Oct. 2	79	18	124	1231
Vessel. Submarine	S. Neves	826,868	July 24	4440	924-5	123	1174
Vessel. Submarine	S. Wiehe	832,646	Oct. 9	1267	256	124	1558
Vessel-trimmer	J. P. Doyle	817,229	Apr. 10	1353	284	121	1719
Vessels. Antitorpedo construction for men-of-war	W. A. Dobson	817,227	Apr. 10	1348	282-3	121	1719
Vessels. Apparatus for marking sunken	F. W. Johnson	814,536	Mar. 6	1079	222	121	234
Vessels. Course and bearing finder for	J. N. Ansell	839,700	Dec. 25	4813	1029	125	2673
Vessels. Landing means for	J. B. Serviss	825,490	July 10	1638	341	123	444
Vessels. Manufacture of	L. Nathan	835,078	Nov. 6	419	84	125	111
Vessels. Means for locating and raising sunken	W. G. Cain	814,517	Mar. 6	1037	215	121	226
Vessels. Means for raising sunken	J. G. F. Tito	827,477	July 31	5780	1199	123	1519
Vessels. Means for scraping and cleaning the hulls of	J. T. Beclendori	826,012	July 17	2714	561	123	726
Vessels through water. Means of reducing the resistance to the motion of	C. Del Lungo	829,077	Aug. 21	2780	585	123	2427
Veterinary appliance	N. Stalker	832,704	Oct. 9	1381	279	124	1585
Veterinary instrument	G. W. Read	835,688	Nov. 13	1597	340	125	446
Veterinary operating-table	C. Cozier	834,509	Oct. 30	5240	1112	124	2673
Veterinary pocket mouth-speculum	L. McLean	817,659	Apr. 10	2189	465	121	1893
Veterinary-surgeon's table	L. L. Conkey	809,358	Jan. 9	1505	305	120	366
Veterinary surgical instrument	W. B. Compton	813,080	Feb. 20	3117	683	120	256
Vibrating screen	N. V. Pitts	814,952	Mar. 13	1883	396	121	468
Vibrator	H. F. Rooney	821,831	May 29	5721	1219	122	1506
Vibrator	E. B. Jacobson	839,000	Dec. 18	3371	727	125	2272
Vibrator-applicator and connection therefor	C. H. Richwood	819,458	May 1	846	182	122	189
Vibrator controlling means	W. F. Molt	815,728	Mar. 20	3516	739	121	874
Vibrator. Fluid-actuated	C. H. Richwood	835,290	Nov. 6	823	172	125	208
Vibrator. Therapeutic	F. H. Volley	828,987	Aug. 21	2595	547	123	2377
Vibrators. Removable anvil-contact and bridge-support for electric	W. E. Dow	821,028	May 22	4114	874	122	1095
Vibro-meter	E. McGarvey	834,926	Nov. 6	98	19	125	28
View-holder	T. F. Charlton	827,786	Aug. 7	198	40	123	1718
View-holder. Folding	P. M. O'Connor	811,658	Feb. 6	242	52	120	1538
Vinasses. Treatment of	C. Sudre	810,442	Jan. 23	3762	775	120	940
Vine-cutter	A. J. McCready	815,203	Mar. 13	2430	507	121	590
Vine-cutter	J. D. Gunn	819,880	May 8	1685	361	122	441
Vine-divider attachment	H. Climer	824,282	June 26	4052	867	122	2774

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Vine trimmer. Strawberry-	N. A. Weigen	811,978	Feb. 6	897	198	120	1671
Vinegar apparatus.	C. Weny	823,570	June 19	2719	575-6	122	2426
Violin	O. H. Lemberg	814,549	Mar. 6	1103	230	121	239
Violin	E. Carson	819,205	May 1	346	74	122	84
Violin-bow	J. H. Kane	833,463	Oct. 16	2945	625	124	2018
Violin-bows. Device for hairing	F. A. Hart	828,883	Aug. 21	2386	508	123	2324
Violin-bridge	T. L. Davis	809,174	Jan. 2	1084	226	120	239
Violin-tailpiece	B. Cather	815,793	Mar. 20	3674	773	121	906
Violoncello-support	J. H. Rockwell	838,649	Dec. 18	2741	587	125	2120
Viscose. Producing lustrous threads, &c., from.	M. Müller	836,452	Nov. 20	3098	.....	125	862
Vise	F. M. Stambaugh	809,271	Jan. 2	1324	269	120	291
Vise	T. W. Vare	813,260	Feb. 20	3465	764	120	2329
Vise	F. M. Gray	818,535	Apr. 24	3973	853	121	2389
Vise	R. F. McNamara	823,353	June 12	2277	476	122	2273
Vise	J. K. Elmer	824,000	June 19	3537	754-5	122	2605
Vise	J. Hornby	824,360	June 26	4200	897	122	2806
Vise	J. F. McLean	825,151	July 3	920	194	123	242
Vise	C. J. Lindgren	829,976	Sept. 4	126	21	124	31
Vise	H. H. Abernathy	831,919	Sept. 25	4091	853	124	1197
Vise	J. C. Seggins	832,087	Oct. 2	120	26	124	1241
Vise	J. Goodrich	837,681	Dec. 4	811	184-5	125	1556
Vise and drill. Combined	W. A. Schenck	839,039	Dec. 18	3443	744	125	2291
Vise. Bench-	P. J. Harrah	830,896	Sept. 11	2007	422	124	536
Vise. Hand-	C. Hanimann	816,162	Mar. 27	4428	937	121	1122
Vise. Hand-	S. J. Weiter	814,633	Mar. 6	1258	264	121	273
Vise. Hand-	H. T. Martin	823,611	June 19	2790	591	122	2442
Vise. Machine-	F. Van Cauwenbergh	828,787	Aug. 14	2190	464	123	2244
Vise. Needle-heading	H. F. Kelleman	836,116	Nov. 20	2391	504-5	125	692
Vise. Parallel bench-	E. T. Williams	837,527	Dec. 4	486	111	125	1477
Vise. Pipe-	W. H. Snow	816,508	Mar. 27	5141	1089	121	1273
Vise. Pipe-	A. W. McGahan and O. K. Ascher	814,228	Mar. 6	438	90	121	95
Vise-slide	J. E. Seymour	838,143	Dec. 11	1755	376-7	125	1835
Vitreous and other cast or molded fixture	E. M. Walker	808,960	Jan. 2	685	149	120	152
Voice-placer	W. G. Coxon	834,266	Oct. 30	4782	1011	124	2557
Voltage-regulator	R. D. Youngman	837,996	Dec. 11	1423	309	125	1751
Voltage-regulator	R. Wikander	824,225	June 26	3950	846-7	122	2753
Voltage-regulator	H. R. Stuart	825,986	July 17	2651	551-2	123	769
Voltage-regulator	E. F. W. Alexanderson	829,826	Aug. 28	4380	925	123	2869
Voltage-regulator	R. P. Jackson	834,525	Oct. 30	5263	1118	124	2679
Voltage-regulator	T. M. Pusey	834,750	Oct. 30	5703	1211	124	2790
Voltmeter. Electrostatic	J. Ferguson	809,793	Jan. 9	2376	491	120	555
Voltmeter-switch	G. N. Eastman	810,522	Jan. 23	3993	809	120	980
Vote-registering machines. Ballot member for	D. L. Newcomb	819,306	May 1	548	116	122	126
Voting-booth	D. Bruce and W. M. Delavan	831,703	Sept. 25	3661	765	124	1020
Voting-booth. Folding	E. J. Douglas and A. L. Johnson	828,935	Aug. 21	2493	528	123	2354
Voting-lever shafts. Friction device for	W. M. Delavan and W. I. T. Fosdick	817,473	Apr. 10	1853	389	121	1822
Voting-machine	C. F. Harrington	809,371	Jan. 9	1535	312	120	372
Voting-machine	C. M. Warner	809,479	Jan. 9	1773	365-6	120	423
Voting-machine	S. D. Layton	812,938	Feb. 20	2834	625-6	120	2194
Voting-machine	C. E. Kimbrough	813,007	Feb. 20	2968	654	120	2222
Voting-machine	C. F. Harrington	818,165	Apr. 17	3222	693-4	121	2176
Voting-machine	P. Yoe	819,684	May 1	1272	277-8	122	285
Voting-machine	P. Yoe	819,685	May 1	1275	278-9	122	286
Voting-machine	W. H. Dana	819,692	May 1	1297	282	122	291
Voting-machine	M. H. Johnson	820,790	May 15	3546	760-1	122	910
Voting-machine	W. J. Lausterer	820,802	May 15	3585	767-8	122	918
Voting-machine	G. Stacy	823,899	June 19	3337	711	122	2563
Voting-machine	C. Christensen	828,384	Aug. 14	1391	294	123	2040
Voting-machine	W. Glenn	828,816	Aug. 14	2239	477	123	2258
Voting-machine	L. W. Luellen. (Reissue)	12,521	Aug. 14	2350	499-500	123	2286
Voting-machine	F. I. Sears	828,978	Aug. 21	2569	543-4	123	2371
Voting-machine	A. J. Van den Heuvel and J. J. Galman	829,130	Aug. 21	2898	608-10	123	2459
Voting-machine	W. L. Fenn	831,659	Sept. 25	3545	747-9	124	988
Voting-machine	F. S. Thornley	832,932	Oct. 9	1844	381-2	124	1695
Voting-machine	A. W. Weible	836,228	Nov. 20	2629	553-4	125	751
Voting-machine	J. W. Clark	837,041	Nov. 27	4315	916	125	1197
Voting-machine	N. B. Ross and T. Horstman	837,964	Dec. 11	1359	297-8	125	1735
Voting-machine	W. M. Cutter and W. A. Sutfin	838,242	Dec. 11	1950	417-20	125	1882
Voting-machine	W. M. Cutter and W. A. Sutfin	838,243	Dec. 11	1963	420-1	125	1885
Voting-machine	J. A. Arment	838,761	Dec. 18	2935	632-4	125	2167
Voting-machine interlock mechanism	W. L. Sandage	819,026	Apr. 24	4944	1061-2	121	2602
Voting-machine shutter-closing mechanism	W. I. T. Fosdick	824,639	June 26	4781	1019	122	2930
Voting-machine shutter-locking mechanism	W. I. T. Fosdick	824,349	June 26	4183	895	122	2802
Voting-machine shutter-locking mechanism	W. I. T. Fosdick	824,350	June 26	4187	895	122	2803
Voting-machine support	C. F. Harrington	810,645	Jan. 23	4167	861	120	1031
Voting-machines. Grouping mechanism for	W. I. T. Fosdick	832,014	Sept. 25	4264	891	124	1171
Votometer	G. E. Campbell	830,879	Sept. 11	1980	416-17	124	530
Voucher for shipping vessels	F. A. Glidden	810,483	Jan. 23	3847	790	120	961
Vulcanized material and making the same	F. Ephraim	819,529	May 1	978	.....	122	220
Vulcanizer	J. M. Padgett	815,209	Mar. 13	2438	508	121	591
Vulcanizer	E. D. Gilbert	825,901	July 17	2497	519-20	123	666
Vulcanizer	L. E. Rice	830,005	Sept. 4	182	32	124	44
Vulcanizing	H. W. Morgan	837,865	Dec. 4	1165	257	125	1643
Vulcanizing apparatus	J. R. Austin	834,451	Oct. 30	5124	1088	124	2643
Wafer machine. Sugar-	F. M. Peters	824,202	June 26	3900	832-4	122	2742
Wagon	H. L. Ferris	809,912	Jan. 9	2597	534-5	120	604
Wagon	H. L. Ferris	809,913	Jan. 9	2599	535	120	605
Wagon	W. Leppert	810,872	Jan. 23	4587	955	120	1122
Wagon	W. T. Daum	820,850	May 15	3701	790	122	943
Wagon	W. I. Brown	822,042	May 29	6117	1303	122	1595
Wagon	W. J. Judd	829,922	Aug. 28	4593	968	123	2922
Wagon	T. C. Deeds	834,368	Oct. 30	4971	1053	124	2605
Wagon	A. L. Moore	835,454	Nov. 6	1160	250	125	291

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wagon.	H. J. Ferris.	835,785	Nov. 13	1787	379	125	495
Wagon attachment.	W. W. Cain.	809,488	Jan. 9	1788	370	120	426
Wagon attachment.	F. C. G. Zimmermann.	830,816	Sept. 11	1872	390	124	502
Wagon attachment.	O. N. Peterson and H. M. Sather.	839,507	Dec. 25	4430	945	125	2579
Wagon-body.	D. Stevens.	811,104	Jan. 30	5049	1055-6	120	1257
Wagon-body.	C. Leavitt.	811,155	Jan. 30	5173	1080	120	1282
Wagon-body.	H. E. Martin.	811,569	Feb. 6	67	14	120	1500
Wagon-body.	P. C. Gerhart.	819,057	May 1	45	10	122	13
Wagon-body attachment.	J. P. Clark.	824,779	July 3	186	33	123	54
Wagon-body attachment.	J. F. Montgomery.	826,592	July 24	3909	810	123	1039
Wagon-body cleat.	E. Sayers.	826,117	July 17	2924	606	123	777
Wagon-body lifter.	J. N. Smith.	834,169	Oct. 23	4563	968	124	2458
Wagon-body protector.	S. Huffaker.	817,565	Apr. 10	2029	428	121	1858
Wagon-bolster.	G. McMurtrie.	810,500	Jan. 23	3885	798	120	970
Wagon bolster and stake construction.	E. Einfeldt.	814,436	Mar. 6	893	183	121	194
Wagon bolster and stake construction.	E. Einfeldt.	814,526	Mar. 6	1058	218	121	229
Wagon-box.	W. J. Dolan.	834,045	Aug. 14	1907	401	123	2174
Wagon-box.	R. G. and L. Cator.	834,045	Oct. 23	4282	908	124	2386
Wagon-box. Adjustable.	M. Lenhart.	812,054	Feb. 6	1046	228	120	1702
Wagon-box and hay-rack. Convertible.	G. B. Mills.	809,388	Jan. 9	1586	322-3	120	382
Wagon-box and hay-rack lifter.	M. J. Sasgen.	810,512	Jan. 23	3914	804-5	120	976
Wagon box and rack. Combined.	E. N. Avery.	829,565	Aug. 28	3841	816	123	2737
Wagon-box fastener.	E. C. Tuttle.	835,691	Nov. 13	1600	341	125	446
Wagon-box. Metal.	P. Kief.	828,032	Aug. 7	688	142-3	123	1841
Wagon-bracket.	J. W. Patterson.	818,283	Apr. 17	3459	744	121	2226
Wagon-brake.	J. Happel.	812,339	Feb. 13	1669	367	120	1906
Wagon-brake.	J. L. Thomas.	815,568	Mar. 20	3183	669	121	800
Wagon-brake.	W. F. Jennings.	816,099	Mar. 27	4303	911	121	1095
Wagon-brake.	G. L. Adams.	817,032	Apr. 3	969	199	121	1575
Wagon-brake.	H. Zwilling and J. T. Droste.	817,358	Apr. 10	1601	338-9	121	1770
Wagon-brake.	F. Fisher.	818,240	Apr. 17	3384	726	121	2210
Wagon-brake.	H. C. Warmuth.	820,157	May 8	2315	506	122	578
Wagon-brake.	T. N. Johnsen.	820,875	May 15	3736	797	122	951
Wagon-brake.	C. H. Gober.	821,357	May 22	4769	1014	122	1241
Wagon-brake.	W. H. Loper.	828,941	Aug. 21	2503	530	123	2356
Wagon-brake.	G. O. Doll.	830,650	Sept. 11	1539	317	124	413
Wagon-brake.	J. R. Ezzell.	830,656	Sept. 11	1560	321	124	419
Wagon-brake.	M. W. Adkins.	837,271	Dec. 4	3	1	125	1355
Wagon-brake. Automatic.	E. F. Veatch.	809,151	Jan. 2	1045	216	120	229
Wagon-brake. Dump.	T. R. McKnight.	821,730	May 29	5520	1177	122	1460
Wagon-dump.	J. F. White.	828,358	Aug. 14	1350	284-5	123	2029
Wagon-dump.	H. C. Tripp.	833,764	Oct. 23	3529	753	124	2204
Wagon-dump.	J. F. White.	838,067	Dec. 11	1584	340-1	125	1791
Wagon. Dump.	T. R. Ringwood.	837,124	Nov. 27	4471	949	125	1236
Wagon. Dump.	R. H. MacClerman.	837,630	Dec. 4	700	161	125	1528
Wagon. Dump.	G. C. Price.	837,723	Dec. 4	904	205	125	1580
Wagon-dump bed.	W. F. Hiatt and O. E. Gulley.	824,788	July 3	203	37	123	59
Wagon-dump. Portable.	J. F. White.	821,686	May 29	5430	1156-7	122	1438
Wagon. Dumping.	G. W. Crane.	808,973	Jan. 2	706	153	120	155
Wagon. Dumping.	F. Bloomingdale.	810,028	Jan. 16	2851	588	120	709
Wagon. Dumping.	D. M. Rowe.	810,085	Jan. 16	2972	620	120	738
Wagon. Dumping.	G. R. Starnes.	810,684	Jan. 23	4230	876	120	1045
Wagon. Dumping.	J. Heberling.	811,719	Feb. 6	347	77	120	1563
Wagon. Dumping.	G. H. Thomas.	812,100	Feb. 6	1136	248	120	1720
Wagon. Dumping.	H. J. Frank.	812,734	Feb. 13	2432	532-3	120	2059
Wagon. Dumping.	M. Harles.	812,739	Feb. 13	2443	536	120	2062
Wagon. Dumping.	J. E. Briggs.	812,918	Feb. 20	2787	613	120	2182
Wagon. Dumping.	C. Miller.	814,861	Mar. 13	1720	359-60	121	434
Wagon. Dumping.	J. M. Brooks.	818,737	Apr. 24	4386	939-40	121	2480
Wagon. Dumping.	G. D'Urso.	819,416	May 1	769	164-5	122	174
Wagon. Dumping.	P. Blatt.	823,253	June 12	2092	435-6	122	2234
Wagon. Dumping.	E. Smith.	823,554	June 19	2692	569-70	122	2420
Wagon. Dumping.	W. O. Long.	823,606	June 19	2778	588	122	2439
Wagon. Dumping.	H. S. Long.	824,253	June 26	4011	858-9	122	2765
Wagon. Dumping.	C. J. Handel.	827,973	Aug. 7	559	114	123	1811
Wagon. Dumping.	F. M. Krasmer.	830,724	Sept. 11	1709	352	124	461
Wagon. Dumping.	P. Pinto.	831,986	Sept. 25	4211	879-80	124	1157
Wagon. Dumping.	E. Dalton and H. A. Tiffany.	832,588	Oct. 2	1034	208	124	1462
Wagon. Dumping.	J. W. Sheets.	834,329	Oct. 30	4889	1035	124	2584
Wagon. Dumping.	A. Cameron.	835,008	Nov. 6	261	57-8	125	68
Wagon. Dumping.	W. E. Currie.	836,670	Nov. 27	3530	753	125	1002
Wagon. Dumping.	D. J. Waterous.	836,723	Nov. 27	3641	776	125	1030
Wagon. Dumping.	M. J. Ely.	838,176	Dec. 11	1818	389	125	1853
Wagon dumping apparatus.	D. E. Barnes, W. O. Blackmun, and A. Miller.	813,687	Feb. 27	4329	952	120	2575
Wagon. Dumping coal.	W. Leonhardt.	810,953	Jan. 30	4790	996	120	1200
Wagon-gear.	E. Einfeldt.	813,285	Feb. 20	3519	776	120	2340
Wagon-gear.	E. Einfeldt.	813,286	Feb. 20	3521	776	120	2341
Wagon-hounds. Adjustable pattern for.	M. M. Huyett.	831,870	Sept. 25	3978	831	124	1097
Wagon-jack.	A. J. Shamblin.	817,877	Apr. 17	2646	574	121	2048
Wagon-jack.	J. F. White.	833,949	Oct. 23	3960	841	124	2313
Wagon-jack.	C. P. Sester.	833,980	Oct. 23	4130	878	124	2347
Wagon-jack.	J. Locke.	836,829	Nov. 27	3862	823-4	125	1088
Wagon-jack.	G. L. Snediker.	837,352	Dec. 4	150	37	125	1392
Wagon. Ladder or tower.	G. A. Harrison.	820,190	May 8	2378	516-17	122	592
Wagon. Logging.	J. L. Riddle.	810,980	Jan. 30	4842	1008	120	1212
Wagon platform-gear.	W. F. Hindenach.	829,650	Aug. 28	4014	850	123	2780
Wagon-rack.	J. Schuster.	838,653	Dec. 18	2748	589	125	2122
Wagon-raiser.	T. and J. T. Lewis.	827,543	July 31	5920	1227	123	1553
Wagon-reach adjuster.	E. J. Abbott.	815,057	Mar. 13	2117	446	121	517
Wagon-replacer.	W. E. and U. T. Bassett.	834,882	Nov. 6	9	2	125	5
Wagon. Revolvable-body chute.	T. Rais.	823,079	June 12	1696	351	122	2145
Wagon running-gear.	B. F. Padgett.	826,443	July 17	3529	734-5	123	924
Wagon running-gear.	J. R. Hall.	839,753	Dec. 25	4928	1053	125	2700
Wagon running-gear. Adjustable.	W. Thomas.	833,491	Oct. 16	3003	637	124	2031

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dis.	Vol.	Page.
Wagon running-gear. Metallic.....	A. N. Calkins.....	836,240	Nov. 20	2655	560	125	756
Wagon-seat.....	B. F. Lloyd.....	833,068	Oct. 9	2102	442	124	1759
Wagon-seat support.....	M. Stangel and C. Molitor.....	836,542	Nov. 20	3261	694	125	903
Wagon-seat support. Adjustable.....	F. H. Keller and F. E. Schueler.....	831,005	Sept. 11	2207	466	124	583
Wagon-spindle.....	A. J. Beliel.....	809,166	Jan. 2	1072	223	120	235
Wagon-stake.....	H. Keller.....	834,138	Oct. 23	4505	956	124	2443
Wagon-standard.....	W. W. Bruce.....	832,008	Sept. 25	4248	888	124	1167
Wagon stop-block.....	J. Stuart.....	828,633	Aug. 14	1887	397	123	2169
Wagon tipping device.....	C. Pay.....	816,035	Mar. 27	4164	882	121	1065
Wagon-top.....	J. Pohlig.....	820,314	May 8	2618	570	122	645
Wagon-trains. Gear for directing.....	R. Jonas.....	831,956	Sept. 25	4158	866-7	124	1143
Wagon unloading attachment.....	H. L. Wishon.....	837,170	Nov. 27	4558	967	125	1256
Wagon. Weighing.....	R. B. Arnold.....	834,243	Oct. 30	4728	1000-1	124	2543
Wagon-wheel.....	I. T. Hurd.....	823,335	June 12	2242	468	122	2366
Wagons and the like. Loading apparatus for.....	L. Kniffen.....	835,624	Nov. 13	1486	317-18	125	419
Wagons for painting. Device for supporting.....	P. C. Ketterer.....	823,280	June 12	2144	447	122	2245
Wagons. Front bolster and body-support for children's.....	O. P. Erard.....	808,977	Jan. 2	715	154	120	158
Wagons, &c. Loading apparatus for.....	L. Kniffen.....	822,614	June 5	770	156	122	1898
Wagons. Weighing attachment for.....	F. P. Shepard.....	835,203	Nov. 6	655	136	125	167
Waist. Garment-supporting.....	E. De Vlieger.....	836,566	Nov. 20	3303	704	125	913
Waist or other garment fastener.....	E. E. Rayman.....	836,213	Nov. 20	2604	549	125	744
Waistband.....	R. L. Gooding.....	837,399	Dec. 4	244	61	125	1417
Waistband, belt, and the like.....	E. Abadie-Léotard.....	815,056	Mar. 13	2116	445-6	121	517
Wall.....	J. A. Ferguson.....	822,594	June 5	733	148	122	1889
Wall and ceiling covering. Removable.....	J. O. Parkinson.....	815,550	Mar. 20	3153	660	121	794
Wall-bracket.....	A. de Saint Chamas.....	824,150	June 26	3797	810	122	2720
Wall. Building.....	C. A. Chamberlin.....	819,979	May 8	1923	425-6	122	489
Wall-cleaning compound.....	H. E. Henderson.....	839,290	Dec. 25	3988	.....	125	2471
Wall-closet. Metallic.....	809,592	Jan. 9	1988	412-13	120	468	
Wall-coating composition.....	D. H. Watts, Jr.....	833,162	Oct. 16	2294	.....	124	1855
Wall construction.....	F. D. Hagar.....	831,345	Sept. 18	2914	618	124	787
Wall construction.....	J. C. Davidson.....	822,510	June 5	553	111	122	1848
Wall construction.....	J. N. Smythe and W. S. Ayres.....	824,511	June 26	4529	960-1	122	2876
Wall construction.....	H. E. Rackle.....	838,582	Dec. 18	2606	561	125	2088
Wall construction and concrete block for the same.....	W. C. Momen.....	830,094	Sept. 4	371	75	124	90
Wall construction. Building.....	811,534	Feb. 6	3	1	120	1485	
Wall-covering.....	H. L. Messmore.....	815,547	Mar. 20	3150	660	121	793
Wall-covering. Metallic.....	J. S. Patterson.....	827,992	Aug. 7	599	122	123	1819
Wall decoration.....	T. F. Odell.....	815,307	Mar. 13	2627	.....	121	631
Wall for dams, barriers, protection-walls and reservoir-walls, and the like.....	F. Hennebique.....	821,037	May 22	4130	877-8	122	1098
Wall-mold.....	J. H. Gehr.....	809,106	Jan. 2	973	201	120	215
Wall-molding machine. Hollow.....	I. L. Landis.....	809,452	Jan. 9	1719	354-5	120	411
Wall or snap switch.....	P. Sorensen.....	825,084	July 3	789	165	123	212
Wall or switch box.....	B. H. Glover.....	829,644	Aug. 28	4003	848	123	2777
Wall or the like. Retaining.....	E. M. Scofield.....	815,866	Mar. 20	3831	812	121	939
Wall-packer. Soft-metal.....	J. T. Callanan.....	823,760	June 19	3068	650	122	2501
Wall. Portable.....	H. B. Copeland.....	815,513	Mar. 20	3080	641-2	121	778
Wall-receptacle.....	H. R. Sargent.....	811,795	Feb. 6	493	106	120	1591
Wall-register.....	E. P. Corby.....	813,952	Feb. 27	4848	1070	120	2685
Wall. Sea.....	H. Winter.....	827,279	July 31	5298	1098	123	1402
Wall set.....	J. A. Birfield.....	828,835	Aug. 14	2276	485	123	2267
Wall structure.....	L. Millet.....	824,563	June 26	4632	985	122	2897
Wall structure and building same. Retaining.....	W. P. Rice.....	837,962	Dec. 11	1354	296	125	1732
Wall-tie.....	G. H. Charls.....	816,297	Mar. 27	4683	995	121	1177
Wall-tie.....	J. F. Dunlap.....	819,869	May 8	1661	356	122	435
Wall-tie.....	F. A. Cammann.....	836,960	Nov. 27	4137	882	125	1154
Wall-tie.....	P. J. Shrum.....	837,133	Nov. 27	4494	953	125	1242
Walls and ceilings. Means for molding.....	G. De Paolis.....	826,057	July 17	2803	581	123	747
Walls and other articles. Textile covering for.....	P. Richter.....	835,765	Nov. 13	1742	372	125	482
Walls and removing old wall-paper therefrom. Apparatus for cleaning.....	R. L. Orcutt and J. W. Wilson.....	837,877	Dec. 4	1183	262	125	1648
Walls. Apparatus for the construction of plastic.....	D. W. Bovee.....	812,006	Feb. 6	968	211	120	1686
Walls. Apparatus for the construction of plastic.....	D. W. Bovee.....	825,183	July 3	983	207	123	257
Walls. Construction of foundation.....	C. A. Newman.....	826,597	July 24	3922	813	123	1042
Walls, floors, &c. Construction of.....	E. Molloy.....	821,368	May 22	4792	1018	122	1246
Walls, &c. Machine for molding.....	A. J. Stoesser.....	839,668	Dec. 25	4753	1015-16	125	2657
Walls of buildings. Construction of.....	J. N. Wolfe.....	836,908	Nov. 27	4039	863	125	1131
Walls, partitions, and the like. Method of and means for constructing.....	J. G. Stidder.....	822,559	June 5	642	129	122	1867
Walls. Printed frieze for.....	H. M. Schmitz, W. Horning, and W. R. Cox.....	830,931	Sept. 11	2071	436-7	124	550
Wantage-rod.....	G. P. Doern.....	819,210	May 1	354	76	122	85
Wardrobe.....	P. Dowd.....	813,871	Feb. 27	4699	1040	120	2655
Wardrobe.....	L. Komorowski.....	814,457	Mar. 6	925	190	121	201
Wardrobe.....	M. W. Burtch.....	827,292	July 31	5325	1103	123	1407
Wardrobe.....	N. L. Jensen.....	828,606	Aug. 14	1834	386	123	2156
Wardrobe.....	N. Ryan.....	832,625	Oct. 9	1229	247	124	1549
Wardrobe.....	R. Burford.....	835,701	Nov. 13	1619	345	125	451
Wardrobe-hook.....	B. Z. Schreyer.....	809,017	Jan. 2	781	168	120	172
Wardrobe. Knockdown.....	M. Damato.....	835,902	Nov. 13	2001	423	125	545
Wardrobe. Portable.....	N. Ryan.....	813,452	Feb. 27	3867	847-8	120	2478
Wardrobe. Portable.....	A. M. Scherff.....	823,814	June 19	3173	671	122	2526
Wardrobe. Portable.....	G. M. Russeque.....	827,753	Aug. 7	119	26	123	1699
Wardrobe-rack.....	G. R. Thiss.....	813,258	Feb. 20	3463	763	120	2328
Wardrobe-rack. Folding.....	J. W. Kennedy.....	822,133	May 29	6283	1338	122	1634
Wardrobes. Article-support for.....	A. Vanderveld.....	825,362	July 10	1348	284-5	123	369
Warming material while in transit. Means for.....	S. G. Stevens.....	834,944	Nov. 6	129	26	125	36
Warp-beam tension device.....	G. Keller.....	818,829	Apr. 24	4579	982	121	2521
Warp stop-motion.....	T. A. B. Carver.....	811,373	Jan. 30	5598	1169	120	1375
Warp stop-motion.....	N. Foerster.....	818,368	Apr. 17	3622	777	121	2260
Warp stop-motion. Electrical.....	R. Boardman and W. H. Sharples.....	815,789	Mar. 20	3657	769	121	903
Warp supporting and guiding means.....	O. W. Schaum.....	824,310	June 26	4101	877	122	2785
Warp-tension.....	E. Renz.....	810,305	Jan. 16	3443	711-12	120	835

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Warp twisting-in machine.....	A. Calleson, A. D. Adriance, and A. Duppler.	810,711	Jan. 23	4278	887-90	120	1057
Warps. Apparatus for slaying.....	J. Joubert and F. Suter.....	818,381	Apr. 17	3651	784	121	2266
Warper-comb.....	A. E. Rhoades.....	817,093	Apr. 3	1070	221	121	1595
Warping-machine.....	S. W. Wardwell.....	833,989	Oct. 23	4158	882	124	2354
Washer:							
See Adjustable washer.	Gas-washer.						
Bolt-locking washer.	Glass-washer.						
Bottle-washer.	Gold-washer.						
Clothes-washer.	Hinge-washer.						
Coal-washer.	Tumbler-washer.						
Coal and like washer.	Vegetable-washer.						
Dish-washer.							
Washer.....	J. R. Hughes.....	832,386	Oct. 2	739	144	124	1390
Washer-making machine.....	H. C. Hart.....	819,543	May 1	999	219-20	122	225
Washing and disinfecting apparatus.....	J. G. Branch.....	827,610	July 31	6036	1255	123	1581
Washing and disintegrating apparatus.....	W. A. Kōneman.....	826,174	July 17	3020	627	123	800
Washing and scouring machine.....	R. F. E. Okrassa.....	823,434	June 12	2419	509-10	122	2302
Washing apparatus.....	J. W. Pittcock.....	817,801	Apr. 17	2492	533	121	2015
Washing apparatus.....	J. W. Pittcock.....	817,802	Apr. 17	2493	533	121	2016
Washing apparatus.....	O. C. Prasse.....	822,300	June 5	155	31	122	1762
Washing apparatus. Automatic discharge for.	C. Kūnz.....	812,211	Feb. 13	1412	307	120	1848
Washing apparatus. Fabric-.....	I. E. Palmer.....	816,179	Mar. 27	4462	944-5	121	1128
Washing-machine.....	A. L. Owens.....	810,427	Jan. 23	3728	768	120	932
Washing-machine.....	A. G. Moeckel.....	810,549	Jan. 23	3987	821	120	991
Washing-machine.....	F. H. Halstein.....	811,291	Jan. 30	5451	1136	120	1344
Washing-machine.....	W. I. Walker.....	811,601	Feb. 6	129	28	120	1513
Washing-machine.....	J. W. Stroh.....	811,804	Feb. 6	508	114	120	1594
Washing-machine.....	C. L. Kelly.....	812,138	Feb. 6	1199	263-4	120	1734
Washing-machine.....	T. C. Purves.....	812,292	Feb. 13	1589	348	120	1889
Washing-machine.....	S. K. Rice.....	812,772	Feb. 13	2500	550	120	2073
Washing-machine.....	H. P. Pflum.....	814,394	Mar. 6	812	167	121	178
Washing-machine.....	J. V. Da Silveira.....	814,989	Mar. 13	1967	414	121	483
Washing-machine.....	C. O. Frostenson.....	816,454	Mar. 27	5030	1068	121	1249
Washing-machine.....	C. L. Rock.....	817,192	Apr. 10	1281	266	121	1703
Washing-machine.....	A. Wheatley.....	817,826	Apr. 17	2535	545	121	2026
Washing-machine.....	G. A. Thode.....	818,058	Apr. 17	3005	649-50	121	2129
Washing-machine.....	R. L. Wearne.....	819,102	May 1	136	28-9	122	35
Washing-machine.....	J. Matt.....	819,152	May 1	225	48	122	56
Washing-machine.....	G. H. Ruhlman and G. C. Miller.....	819,254	May 1	435	91	122	102
Washing-machine.....	C. A. Church.....	820,349	May 8	2676	585	122	659
Washing-machine.....	H. A. Bierley.....	821,850	May 29	5749	1224	122	1512
Washing-machine.....	G. H. Wisner.....	822,331	June 5	215	43-4	122	1773
Washing-machine.....	J. G. Kincaid.....	822,371	June 5	282	58	122	1787
Washing-machine.....	G. W. Dungan.....	823,323	June 12	2224	464	122	2261
Washing-machine.....	C. E. Mitchell.....	823,887	June 19	3312	705	122	2558
Washing-machine.....	J. S. Parrish.....	824,435	June 26	4376	931	122	2840
Washing-machine.....	C. Dietz.....	824,529	June 26	4557	968	122	2882
Washing-machine.....	E. Rue.....	824,674	June 26	4843	1033	122	2943
Washing-machine.....	J. H. and T. Schoregge.....	825,939	July 17	2570	534-5	123	687
Washing-machine.....	F. J. Barrickman.....	827,052	July 24	4789	999	123	1259
Washing-machine.....	F. Brucker.....	827,140	July 31	5002	1044	123	1325
Washing-machine.....	G. R. Adams.....	828,170	Aug. 7	945	194-5	123	1902
Washing-machine.....	P. Schmit.....	828,975	Aug. 21	2565	543	123	2370
Washing-machine.....	H. Borneman.....	829,252	Aug. 21	3167	667	123	2525
Washing-machine.....	C. W. Cramer and H. C. Haak.....	829,631	Aug. 28	3983	842-3	123	2771
Washing-machine.....	W. N. Rettinger.....	830,172	Sept. 4	541	110	124	137
Washing-machine.....	R. N. Brent.....	830,876	Sept. 11	1975	415	124	529
Washing-machine.....	P. P. Ankerson.....	831,761	Sept. 25	3748	785	124	1042
Washing-machine.....	T. C. Baker.....	832,029	Oct. 2	6	2	124	1214
Washing-machine.....	G. H. Huenergarut.....	832,062	Oct. 2	66	15	124	1228
Washing-machine.....	A. A. and D. D. Rullman.....	832,276	Oct. 2	524	99	124	1340
Washing-machine.....	W. C. Foster and L. E. Garrison.....	832,787	Oct. 9	1551	319	124	1626
Washing-machine.....	T. I. Watson.....	834,350	Oct. 30	4930	1044	124	2594
Washing-machine.....	C. A. Dodge.....	834,370	Oct. 30	4979	1055	124	2607
Washing-machine.....	A. C. and C. C. Davis.....	835,099	Nov. 6	459	93	125	120
Washing-machine.....	N. Allgier.....	835,591	Nov. 13	1422	305	125	404
Washing-machine.....	R. C. Smith.....	835,644	Nov. 13	1529	326	125	430
Washing-machine.....	M. G. Elwell and W. M. Martin.....	835,943	Nov. 13	2068	442	125	560
Washing-machine.....	R. E. Leavens.....	835,959	Nov. 13	2095	448	125	566
Washing-machine.....	J. F. Nelson.....	835,975	Nov. 13	2118	454	125	571
Washing-machine.....	W. D. Whitney.....	837,525	Dec. 4	482	110-11	125	1476
Washing-machine.....	J. Teel.....	837,596	Dec. 4	640	148	125	1513
Washing-machine.....	J. Stauder.....	837,747	Dec. 4	941	213	125	1588
Washing-machine.....	S. McGranahan.....	837,874	Dec. 4	1177	261	125	1647
Washing-machine.....	O. Harris.....	837,926	Dec. 11	1282	281	125	1715
Washing-machine.....	J. Homier.....	838,331	Dec. 11	2117	457	125	1924
Washing-machine.....	A. Moody.....	838,881	Dec. 18	3160	681	125	2222
Washing-machine attachment.....	C. A. Colby.....	824,065	June 19	3650	777	122	2629
Washing-machine dasher or stirrer-head.....	W. H. Voss.....	827,336	July 31	5412	1125	123	1430
Washing-machine gearing.....	H. H. Munson.....	813,015	Feb. 20	2983	657	120	2225
Washing-machine gearing.....	W. Nahrwolt.....	837,334	Dec. 4	110	30	125	1382
Washing-machine. Laundry.....	H. T. Klug.....	837,686	Dec. 4	819	185	125	1557
Washing-machine. Steam.....	H. John.....	834,382	Oct. 30	5006	1060	124	2614
Washing-machines. Mechanical movement for.....	W. Sweet.....	813,392	Feb. 20	3732	820	120	2384
Washing-machines. Securing-clamp for.....	M. Warner.....	821,559	May 22	5158	1100	122	1323
Washing-powder containing alkaline peroxids. Ves- sel for packing and storing.....	J. von Königswarter.....	818,695	Apr. 24	4299	922	121	2460
Washing, wringing, mangling, and other similar ma- chines. Roller for.....	G. W. Robinson.....	822,772	June 5	1075	221	122	1964
Washbench and step-ladder. Combined.....	C. E. Emory.....	814,904	Mar. 13	1797	376	121	450
Washboard.....	E. M. Hultquist.....	825,464	July 10	1591	331	123	433
Washboards. Soap-holder for.....	A. H. Bruce.....	837,186	Nov. 27	4586	973	125	1263
Washboiler.....	A. R. Pritchard.....	828,052	Aug. 7	724	149	123	1850
Washboiler-drainer.....	W. J. Burge.....	833,729	Oct. 23	3465	740	124	2187

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Prtg.	Vol.	Page.
Washboiler-handle.	J. Schaffer.	824,746	July 3	92	18	123	27
Washboilers. Device for removing clothes from.	O. Carlson.	830,880	Sept. 11	1982	417	124	531
Washbowl-valve.	D. W. York.	809,161	Jan. 2	1061	220	120	232
Washstand-bracket.	I. G. Dimond.	832,182	Oct. 2	330	61	124	1293
Washtub.	M. Robin.	815,472	Mar. 20	3007	627	121	763
Washtub attachment.	M. W. Story.	808,702	Jan. 2	152	35	120	36
Washtub-stand.	J. E. Edick, W. E. Smith, and S. P. Risley.	831,268	Sept. 18	2762	582	124	749
Washtubs and the like. Packing for partitions for.	O. Brueck.	836,628	Nov. 20	3412	728	125	937
Waste and vent fitting. Combined.	G. F. Ryan.	817,094	Apr. 3	1071	222	121	1595
Waste materials. Apparatus for treating and roasting.	F. W. Koonz.	813,385	Feb. 20	3722	818	120	2382
Waste-pipe. Urinal-basin.	J. Macdonald.	833,072	Oct. 9	2109	444	124	1762
Waste-trap.	W. H. Lloyd.	816,023	Mar. 27	4142	877	121	1060
Watch.	A. Feilcke.	809,290	Jan. 9	1368	278	120	336
Watch.	H. Roost.	812,234	Feb. 13	1459	320	120	1858
Watch.	S. Janner.	813,432	Feb. 27	3834	839	120	2464
Watch.	A. Wagner.	815,989	Mar. 27	4061	860	121	1040
Watch.	R. Manthey.	819,568	May 1	1042	228-9	122	234
Watch.	A. Schweizer-Schatzmann.	822,776	June 5	1080	222	122	1965
Watch. Antimagnetic.	H. S. Montgomery.	831,561	Sept. 25	3336	700-1	124	931
Watch-balance-staff protector.	J. R. G. Addington.	827,137	July 31	4997	1043	123	1324
Watch-barrel.	S. R. Hoffmeier.	832,672	Oct. 9	1321	266	124	1571
Watch-barrel arbor.	J. W. Gibson.	816,723	Apr. 3	342	79	121	1436
Watch-barrel arbor.	W. E. Porter.	820,252	May 8	2505	541	122	621
Watch cover and holder.	A. L. Shonfield.	822,393	June 5	319	66	122	1795
Watch-hand remover.	E. N. Parker.	823,289	June 12	2158	450	122	2247
Watch-holder.	H. Clark.	822,922	June 12	1380	287	122	2076
Watch-pendant attachment.	C. D. Eaton.	811,705	Feb. 6	328	72	120	1558
Watch registering and indicating device.	T. H. Watson.	830,627	Sept. 11	1486	307	124	399
Watch-regulator.	O. Ohlson.	818,043	Apr. 17	2985	645	121	2125
Watch-regulator.	J. Brun.	824,466	June 26	4446	943	122	2857
Watch. Remontoir winding.	F. Hartmann.	816,321	Mar. 27	4760	1007	121	1193
Watch-roller remover.	W. N. Loud.	837,577	Dec. 4	597	139	125	1502
Watch safety device.	F. D. Ely.	837,206	Nov. 27	4622	982	125	1273
Watch-stand.	M. Koller.	835,762	Nov. 13	1737	370	125	480
Watch-stem.	J. F. King.	833,881	Oct. 23	3814	810	124	2274
Watch. Stem-winding.	N. Béguelin.	819,713	May 8	1341	290	122	362
Watch. Stem-winding.	H. Rosat, fils.	822,018	May 29	6064	1292	122	1582
Watch. Stem-winding.	N. Béguelin.	823,503	June 19	2582	544	122	2398
Watch. Stem winding and setting.	L. Haubroe.	837,564	Dec. 4	562	131	125	1495
Watch stem winding and setting mechanism.	E. Staehli.	833,498	Oct. 16	2998	636	124	2030
Watch. Stop.	A. C. Loker.	809,196	Jan. 2	1129	235	120	249
Watch. Stop.	J. Petrillo.	826,444	July 17	3531	735	123	924
Watch-support. Safety.	J. E. Walsh.	833,186	Oct. 16	2357	493	124	1872
Watches. Banking-screw for.	C. E. De Long.	815,271	Mar. 13	2544	535	121	613
Watches. Stem winding and setting mechanism for.	C. G. Perrin. (Reissue).	12,512	July 24	4854	1011	123	1274
Watchcase.	J. T. Pendlebury.	814,232	Mar. 6	448	92-3	121	97
Watchmaker's tool.	W. S. Richardson.	832,810	Oct. 9	1600	329	124	1636
Watchman's locking apparatus.	H. Hindersin.	838,408	Dec. 11	2266	490-1	125	1959
Watchman's outfit for temporary routes.	G. M. Gest.	824,478	June 26	4467	947	122	2862
Water and chemicals. Rendering materials or articles resistant to.	C. Kochmann and J. Kaufmann.	813,218	Feb. 20	3398	.....	120	2314
Water and feed trough for fowls.	M. C. Rogers.	824,508	June 26	4514	958	122	2872
Water. Apparatus for producing boiling.	H. Junkers.	816,101	Mar. 27	4307	911	121	1096
Water. Apparatus for the separation of oil and grease from.	H. A. Fleuss.	832,469	Oct. 2	905	175-6	124	1430
Water-attenuating and measuring system.	F. M. Peters.	821,187	May 22	4419	941	122	1162
Water bag or bottle.	T. W. Miller.	815,366	Mar. 20	2803	584	121	715
Water-bag, syringe, and colonic irrigator. Combined.	J. W. McDowell.	837,947	Dec. 11	1317	289	125	1723
Water-box.	F. Weston.	838,599	Dec. 18	2637	568	125	2095
Water by electrolysis. Apparatus for decomposing.	W. F. M. McCarty.	814,155	Mar. 6	299	60	121	66
Water by electrolysis. Apparatus for decomposing.	W. F. M. McCarty.	816,355	Mar. 27	4836	1025	121	1209
Water by electrolysis. Apparatus for purifying.	H. C. Bailey.	814,764	Mar. 13	1544	326-7	121	398
Water by electrolysis. Decomposing.	W. F. M. McCarty.	813,105	Feb. 20	3164	692	120	2267
Water by means of an electric current. Apparatus for the sterilization of.	M. Otto.	837,107	Nov. 27	4443	942-3	125	1229
Water-circulating apparatus.	J. N. Russell.	816,939	Apr. 3	787	161-2	121	1533
Water-circulating device.	O. Kunert.	829,970	Sept. 4	93	16	124	22
Water-closet.	C. H. Rollins.	809,222	Jan. 2	1195	244	120	264
Water-closet.	F. Schuh.	811,444	Jan. 30	5721	1198	120	1399
Water-closet.	C. A. Sullivan.	811,882	Feb. 6	670	146	120	1627
Water-closet.	J. Rhead.	816,185	Mar. 27	4473	947	121	1131
Water-closet.	M. J. Quinn.	820,128	May 8	2258	491	122	566
Water-closet.	B. M. Drawe.	823,770	June 19	3094	655	122	2508
Water-closet.	J. C. Duner.	832,897	Oct. 9	1780	367	124	1681
Water-closet actuator.	W. A. Henn.	831,158	Sept. 18	2541	536	124	693
Water-closet bowl.	J. F. Kelly.	820,051	May 8	2097	458	122	531
Water-closet bowls and the like. Floor-flange for.	A. W. Howe.	826,335	July 17	3330	688	123	875
Water-closet bowls. Floor-flange for.	R. C. Wilson and W. H. Schulte.	826,638	July 24	4005	829	123	1064
Water-closet flush-pipe.	A. Buchanan, Jr.	812,543	Feb. 13	2081	455	120	1990
Water-closet flush-tank.	C. H. Moore.	810,070	Jan. 16	2952	615	120	733
Water-closet flushing apparatus.	G. S. Thompson.	813,599	Feb. 27	4157	911-12	120	2539
Water-closet flushing apparatus. Outdoor.	W. U. Griffiths.	812,992	Feb. 20	2938	647	120	2215
Water-closet flushing outfit.	W. U. Griffiths.	810,936	Jan. 30	4755	990	120	1192
Water-closet seat.	L. Lipp.	831,671	Sept. 25	3593	754	124	1002
Water-closet seat. Adjustable.	I. and F. L. Kramer.	828,125	Aug. 7	872	179	123	1886
Water-closet tank.	W. L. Doud.	811,551	Feb. 6	27	7	120	1490
Water-closet tank.	C. A. Miller.	825,921	July 17	2528	526	123	674
Water-closet valve. Automatic.	J. C. McCarl.	809,722	Jan. 9	2248	467	120	527
Water-conductor.	G. Glöckler.	809,941	Jan. 16	2665	550	120	671
Water-control system.	A. J. Collar.	812,482	Feb. 13	1939	428	120	1961
Water-control system.	A. J. Collar.	838,384	Dec. 11	2223	481	125	1949
Water-cooler.	G. E. Savage.	808,692	Jan. 2	127	29	120	30
Water-cooler.	G. E. Savage.	808,781	Jan. 2	325	70	120	72

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Water-cooler.....	E. O. Butt.....	819,850	May 8	1629	347	122	428
Water-cooler.....	S. S. Montanye.....	827,931	Aug. 7	470	96	123	1789
Water-cooler.....	J. M. Gaar and J. C. F. Laser.....	830,219	Sept. 4	650	130-1	124	165
Water-cooler. Ice-chest.....	H. Miller.....	825,855	July 10	2408	502	123	633
Water-cooling apparatus.....	A. P. Smith.....	822,996	June 12	1519	316	122	2108
Water-cooling apparatus.....	W. Ostendorff.....	836,702	Nov. 27	3602	768	125	1019
Water-cooling device.....	G. Fernwell.....	830,423	Sept. 4	1056	220	124	260
Water-craft.....	A. J. and E. A. Suhm.....	831,636	Sept. 25	3503	734	124	974
Water elevating and distributing system.....	A. D. Strong.....	832,930	Oct. 9	1841	380-1	124	1695
Water elevating and storage apparatus.....	W. W. Douglass.....	809,361	Jan. 9	1510	306-7	120	367
Water-elevating apparatus.....	F. Allison.....	835,391	Nov. 6	1037	222	125	262
Water-elevator.....	D. D. Dennis.....	833,311	Oct. 16	2621	549-50	124	1941
Water-elevator.....	J. J. West.....	833,860	Oct. 23	3758	799	124	2260
Water-elevator.....	L. H. Kennedy.....	836,584	Nov. 20	3330	710	125	919
Water-elevator.....	H. Cole.....	836,865	Nov. 27	3922	837	125	1104
Water-elevator. Siphon.....	J. N. Wood, E. A. Hoen, and A. C. Meagher.....	832,764	Oct. 9	1497	301	124	1614
Water-escape.....	B. F. Perry.....	810,879	Jan. 23	4602	958	120	1125
Water for decoloration. Process and apparatus for testing.....	L. Gerard.....	814,036	Mar. 6	77	14	121	18
Water for irrigating and other purposes. Method and means for procuring.....	I. Teilman.....	818,204	Apr. 17	3307	707	121	2195
Water for use in baths, &c. Carbonating.....	X. Erlinger.....	831,941	Sept. 25	4129	860	124	1136
Water-gage.....	F. J. Stulp.....	809,859	Jan. 9	2493	518	120	581
Water-gage.....	E. F. Shallow.....	826,895	July 24	4501	938	123	1188
Water-gage.....	A. Waibl.....	830,029	Sept. 4	235	45	124	58
Water-gage.....	A. Dittner.....	839,369	Dec. 25	4134	887	125	2508
Water-gage.....	N. J. Murphy.....	839,618	Dec. 25	4633	988	125	2629
Water-gage. Automatic.....	N. O. Fleming.....	821,709	May 29	5483	1167	122	1451
Water-gage mechanism.....	T. Stringer.....	809,474	Jan. 9	1762	364	120	421
Water-gate.....	A. J. Collar.....	820,097	May 8	2201	479	122	553
Water-gate.....	A. J. Collar.....	823,991	June 19	3516	752	122	2601
Water-gate.....	T. Clark.....	833,303	Oct. 16	2601	544	124	1935
Water-gate lock.....	F. S. Burroughs.....	821,854	May 29	5757	1225	122	1513
Water-glass guard.....	W. G. Halliday.....	837,467	Dec. 4	382	87	125	1451
Water-glass guard.....	G. C. Jones.....	816,016	Mar. 27	4121	872	121	1055
Water-head-gate.....	F. D. Giddings.....	811,212	Jan. 30	5292	1107	120	1309
Water-heater.....	J. W. Denmead.....	811,388	Jan. 30	5623	1177	120	1381
Water-heater.....	H. S. Humphrey.....	817,116	Apr. 3	1118	232	121	1609
Water-heater.....	D. Shafer.....	817,525	Apr. 10	1948	411	121	1843
Water-heater.....	R. E. Harris.....	821,939	May 29	5919	1259-60	122	1550
Water-heater.....	J. K. McLaughlin.....	822,545	June 5	611	123	122	1861
Water-heater.....	E. W. Dieterle.....	823,589	June 19	2753	583	122	2434
Water-heater.....	C. Porter.....	823,636	June 19	2848	602	122	2456
Water-heater.....	J. Demarest.....	824,709	July 3	24	4	123	10
Water-heater.....	E. A. Pannier.....	824,808	July 3	257	46	123	71
Water-heater.....	G. R. Fickert.....	828,394	Aug. 14	1408	298	123	2045
Water-heater.....	V. W. Blanchard.....	834,226	Oct. 23	4670	990	124	2484
Water-heater.....	C. M. Bausher and A. C. Myers.....	834,444	Oct. 30	5115	1085	124	2640
Water-heater.....	W. G. Burr.....	835,395	Nov. 6	1046	224	125	264
Water-heater.....	R. C. Simpson.....	837,741	Dec. 4	932	210-11	125	1586
Water-heater.....	H. G. Martin.....	838,038	Dec. 11	1507	324	125	1773
Water-heater.....	H. S. Humphrey.....	839,292	Dec. 25	3992	857	125	2472
Water-heater.....	H. W. O'Dowd.....	839,629	Dec. 25	4662	993	125	2636
Water-heater and pressure-reservoir. Combined.....	F. L. Rice.....	808,947	Jan. 2	643	140	120	142
Water-heater and smoke-consumer. Combined.....	J. F. Miles.....	828,494	Aug. 14	1620	342-3	123	2100
Water-heater. Domestic.....	W. H. Roberts.....	817,589	Apr. 10	2068	435	121	1867
Water-heater. Electric.....	F. F. Shipp.....	817,593	Apr. 10	2074	437	121	1868
Water-heater. Electrical.....	F. F. Shipp.....	817,594	Apr. 10	2075	438	121	1869
Water-heater. Electrical.....	W. A. Brown.....	820,282	May 8	2567	557	122	634
Water-heater. Electrical.....	F. F. Shipp.....	829,808	Aug. 28	4350	919	123	2862
Water-heater. Gas.....	D. J. F. Buck.....	817,219	Apr. 10	1333	279	121	1715
Water-heater. Noiseless steam.....	J. G. Hufnagel.....	822,127	May 29	6275	1336	122	1632
Water-heater. Solar.....	M. T. Cuniff.....	819,342	May 1	625	133	122	144
Water-heater temperature-regulator. Steam.....	J. D. Bowne.....	827,608	July 31	6030	1255	123	1580
Water heating and circulating apparatus.....	P. J. Kolich.....	833,466	Oct. 16	2949	626	124	2020
Water-heating apparatus.....	W. S. Whitmore.....	817,602	Apr. 10	2091	441	121	1872
Water-heating apparatus.....	J. A. Hosp.....	835,947	Nov. 13	2076	443	125	561
Water-heating attachment.....	G. E. Dixon.....	815,274	Mar. 13	2547	536	121	613
Water-heating attachment.....	F. E. Donaldson.....	818,149	Apr. 17	3194	687	121	2170
Water-heating boiler.....	C. H. Meyers and E. Loudenslager.....	821,304	May 22	4649	990	122	1212
Water. Heating, purifying, and regulating.....	J. W. Gamble.....	833,829	Oct. 23	3697	788	124	2244
Water-indicator.....	C. Steinhäuser.....	835,920	Nov. 13	2028	431	125	550
Water-jacket.....	C. W. Hawkes.....	815,013	Mar. 13	2028	425	121	497
Water-jacket.....	F. H. Tryon.....	822,326	June 5	208	41	122	1772
Water-level. Device for indicating at a distance the height of a.....	F. Rittmeyer.....	827,182	July 31	5128	1065	123	1361
Water-level-gaging instrument.....	R. E. Horton.....	812,269	Feb. 13	1542	336	120	1877
Water-level indicator.....	J. T. Dawes.....	824,098	June 26	3702	789	122	2698
Water-level indicator.....	L. Kjerulf.....	829,161	Aug. 21	2680	623	123	2479
Water-level regulator.....	W. J. and G. Lane.....	809,510	Jan. 9	1829	377	120	436
Water-level regulator.....	A. E. Danke.....	818,525	Apr. 24	3948	800	121	2384
Water. Making potable and aerated.....	R. T. Gunn.....	835,886	Nov. 13	1968	417	125	535
Water. Means for purifying and regulating a supply of.....	J. W. Gambel.....	833,830	Oct. 23	3700	788	124	2244
Water-meter.....	H. Fredrick.....	818,430	Apr. 24	3753	806-7	121	2344
Water-meter.....	L. Oliver.....	825,863	July 10	2422	505	123	637
Water-meter.....	J. P. Kelly.....	839,392	Dec. 25	4179	894-5	125	2519
Water-meter-controlling device.....	L. H. Nash.....	832,619	Oct. 9	1218	245	124	1547
Water-mobile.....	P. F. Macallum.....	830,447	Sept. 4	1108	232	124	274
Water-motor.....	R. K. Parkerson.....	810,507	Jan. 23	3896	800	120	973
Water-motor.....	P. M. Melton.....	827,744	Aug. 7	103	32	123	1686
Water-motor for utilizing the ebb and flow of the tide.....	G. Geyer.....	821,480	May 22	5020	1068	122	1295
Water or fluid gaging tube.....	G. T. Seabury.....	809,471	Jan. 9	1756	362-3	120	421

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Water or fluid gaging tube.....	G. T. Seabury.....	839,326	Dec. 25	4059	871	125	2489
Water-ozonizing apparatus.....	M. Otto.....	822,980	June 12	1483	309	122	2098
Water-power apparatus. Art of and apparatus for the prevention of the accumulation of frazil and anchor ice in or on.....	J. Murphy.....	838,564	Dec. 18	2569	555-6	125	2079
Water-purification system.....	J. F. Wixford.....	814,180	Mar. 6	345	71	121	75
Water-purification system.....	J. F. Wixford.....	814,634	Mar. 6	1260	265	121	273
Water-purifier.....	F. B. Hinkson.....	820,113	May 8	2232	485	122	561
Water-purifier.....	F. B. Hinkson.....	831,434	Sept. 18	3074	651	124	828
Water-purifier.....	J. Bowey, Jr.....	836,661	Nov. 20	3480	743	125	953
Water-purifier. Electric.....	A. E. Dieterich.....	823,671	June 19	2917	617	122	2471
Water. Purifying.....	C. A. Brown.....	825,637	July 10	2002	.....	123	535
Water purifying and filtration system. Automatic.....	R. Law.....	832,914	Oct. 9	1811	374	124	1688
Water purifying and regulating apparatus.....	J. W. Gamble.....	823,212	June 12	2000	417	122	2213
Water purifying and regulating means.....	D. Cochran.....	811,485	Jan. 30	5787	1211	120	1414
Water purifying and softening apparatus.....	S. L. Sheuerman and J. F. Hand.....	827,400	July 31	5539	1152	123	1462
Water-purifying apparatus.....	C. L. Kennicott.....	811,229	Jan. 30	5326	1113	120	1316
Water-purifying apparatus.....	J. H. McDonald.....	816,357	Mar. 27	4839	1026	121	1210
Water-purifying apparatus.....	S. L. Sheuerman and J. F. Hand.....	827,399	July 31	5537	1151	123	1461
Water-purifying apparatus.....	C. L. Kennicott.....	830,790	Sept. 11	1822	379	124	489
Water-purifying apparatus.....	A. E. Dieterich.....	838,390	Dec. 11	2236	484	125	1951
Water-purifying apparatus.....	J. B. Greer.....	838,535	Dec. 18	2518	545	125	2066
Water-purifying apparatus. Natural.....	F. Julian.....	831,873	Sept. 25	3982	832	124	1098
Water-purifying device for steam-boilers.....	W. P. Wiemann.....	826,811	July 24	4318	899	123	1145
Water-regulator.....	R. J. Powers.....	826,882	July 24	4467	930	123	1180
Water. Removing impurities from.....	B. Kniffler.....	828,938	Aug. 21	2498	.....	123	2355
Water-seal trap.....	J. T. Lund.....	839,165	Dec. 25	3739	807	125	2411
Water-service.....	W. C. James.....	822,950	June 12	1426	298	122	2085
Water softening and clarifying apparatus.....	J. L. Zeigler.....	830,552	Sept. 11	1339	276	124	360
Water-softening apparatus.....	A. R. Holmen.....	819,885	May 8	1699	364	122	444
Water-sterilizing apparatus.....	M. Otto.....	837,108	Nov. 27	4446	943	125	1231
Water-sterilizing apparatus.....	M. Otto.....	837,109	Nov. 27	4447	943	125	1231
Water-supply system. Automatic.....	J. Johnson.....	808,662	Jan. 2	80	18	120	20
Water-supply system. Automatic.....	J. Johnson.....	813,558	Feb. 27	4090	897	120	2525
Water systems. Relief device for.....	L. W. Eggleston.....	838,394	Dec. 11	2244	485-6	125	1354
Water-tank.....	C. Wilms.....	838,601	Dec. 18	2640	569	125	2096
Water transportation means.....	G. D. Hartlett.....	839,476	Dec. 25	4358	932	125	2561
Water-trap.....	C. Martineau and C. Prevost.....	822,462	June 5	430	91	122	1823
Water. Treatment of refractory.....	J. Schneible.....	820,524	May 15	3057	658	122	802
Water-tube boiler.....	J. C. Beckley.....	821,329	May 22	4700	1001-2	122	1223
Water-tube boiler.....	W. T. Eastman.....	821,345	May 22	4744	1009	122	1236
Water-tube boiler.....	J. C. Sherry.....	821,964	May 29	5969	1271-2	122	1560
Water-tube boiler.....	H. Del Mar.....	822,857	June 5	1240	255	122	1998
Water-tube boiler.....	H. Del Mar.....	822,885	June 5	1293	266	122	2009
Water-tube boiler.....	A. J. Raynor.....	822,982	June 12	1486	309-10	122	2099
Water-tube boiler.....	H. Del Mar.....	823,264	June 12	2112	440	122	2238
Water-tube boiler.....	H. Del Mar.....	828,600	Aug. 14	1825	384	123	2153
Water-tube boiler.....	R. Loos.....	830,088	Sept. 4	358	71	124	87
Water-tube boiler.....	S. S. Riegel.....	832,419	Oct. 2	808	155-6	124	1406
Water-tube boiler.....	O. Flamm and F. Romberg.....	832,572	Oct. 2	1098	221	124	1478
Water-tube boiler.....	J. R. Brown and K. Park.....	832,590	Oct. 9	1150	230	124	1531
Water-tube boiler.....	J. R. Brown and K. Park.....	832,591	Oct. 9	1151	230	124	1532
Water-tube boiler.....	F. D. Potter.....	834,640	Oct. 30	5501	1168	124	2739
Water-tube boiler. Sectional.....	Y. Wadagaki.....	827,585	July 31	5987	1243-4	123	1569
Water-tube boiler. Upright.....	W. Dougherty.....	830,138	Sept. 4	478	96	124	121
Water-wheel.....	D. Hug.....	813,299	Feb. 20	3546	781	120	2346
Water-wheel.....	J. Schulte, Jr.....	813,672	Feb. 27	4301	946	120	2570
Water-wheel.....	J. L. Shelton.....	816,826	Apr. 3	546	117	121	1478
Water-wheel.....	C. S. Dean.....	822,927	June 12	1386	289-90	122	2077
Water-wheel.....	F. Kirchbach.....	824,662	June 26	4822	1029	122	2939
Water-wheel.....	F. W. Huber and C. P. Folsom.....	833,526	Oct. 16	3065	650	124	2046
Water-wheel casings. Cushion device for gates of.....	C. E. Parsons.....	810,803	Jan. 23	4460	926	120	1095
Water-wheel construction. Turbine.....	A. Giesler.....	814,002	Feb. 27	4950	1095	120	2705
Water-wheel. Current.....	W. J. Patton.....	817,870	Apr. 17	2630	570	121	2046
Water-wheel. Current.....	G. D. Kifer.....	825,841	July 10	2392	498	123	630
Water-wheel nozzle. Impact.....	W. A. Doble. (Reissue).....	12,460	Feb. 27	4966	1100	120	2708
Water-wheel. Overshot.....	F. M. Keller.....	833,057	Oct. 9	2077	437-8	124	1753
Water-wheel regulator.....	G. H. Bailey.....	819,629	May 1	1165	255	122	261
Water-wheel speed-regulating device.....	H. E. Warren.....	822,030	May 29	6084	1296-7	122	1588
Water-wheels. Bucket for impulse.....	W. S. Smith.....	811,802	Feb. 6	505	113	120	1593
Watering apparatus. Stock.....	W. O. Garrett.....	810,111	Jan. 16	3025	629-30	120	751
Watering apparatus. Stock.....	E. A. Diehl.....	838,961	Dec. 18	3295	712	125	2253
Watering device.....	A. N. Church.....	816,557	Apr. 3	11	3	121	1356
Watering or feed trough. Automatic.....	C. B. Richmond.....	820,316	May 8	2620	571	122	646
Watering tank. Stock.....	W. Barbour.....	809,928	Jan. 16	2633	544	120	663
Watering tank. Stock.....	J. P. Edwards.....	818,425	Apr. 24	3747	804	121	2342
Watering-trough.....	C. A. Rickard.....	839,202	Dec. 25	3818	824	125	2428
Watering-trough for cattle and horses. Automatic.....	K. Ruge and S. Katzenstein.....	824,588	June 26	4687	996	122	2910
Waterproof compound.....	O. H. Nowak.....	809,731	Jan. 9	2263	.....	120	530
Waterproof fabric.....	F. C. Overbury.....	819,450	May 1	835	180	122	187
Waterproof fabric.....	L. A. Bond.....	820,694	May 15	3364	721	122	866
Waterproofing buildings, &c.....	A. Gross and A. C. Horn.....	822,602	June 5	752	152	122	1894
Waterproofing composition.....	J. Wessel.....	823,246	June 12	2078	.....	122	2231
Wattmeter.....	L. E. Imlay.....	838,784	Dec. 18	2990	644	125	2180
Wave-motor.....	C. A. Sahlberg.....	808,688	Jan. 2	123	28	120	29
Wave-motor.....	C. E. Newell.....	816,934	Apr. 3	774	159	121	1531
Wave-motor.....	F. Starr.....	817,347	Apr. 10	1580	333-4	121	1766
Wave-motor.....	F. M. Dempsey.....	819,006	Apr. 24	4906	1054	121	2593
Wave-motor.....	D. H. Mowen.....	822,067	May 29	6159	1313	122	1605
Wave-motor.....	J. A. J. Fleming.....	822,203	May 29	6422	1363	122	1664
Wave-motor.....	J. A. McManus.....	823,431	June 12	2413	508	122	2301
Wave-power-generating apparatus.....	J. A. McManus.....	836,600	Nov. 20	3358	716	125	926
Wave-propelled motor.....	W. Snee.....	839,328	Dec. 25	4063	872	125	2490
Wax-holder.....	K. Rohrdantz.....	817,275	Apr. 10	1452	306	121	1738
Wax-stripper.....	R. S. Fleming and C. Pedersen.....	836,184	Nov. 20	2543	534	125	728

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Weaner. Calf.....	W. E. Chandler.....	809,775	Jan. 9	2348	485	120	548
Weaner. Calf.....	S. Parry.....	825,554	July 10	1793	378	123	480
Weaner. Calf.....	C. J. Lord and G. A. Browning.....	834,583	Oct. 30	5374	1140	124	2706
Weaner. Calf.....	A. W. Swender.....	836,949	Nov. 27	4118	879	125	1149
Weaner. Cow, calf, and colt.....	W. T. Horne.....	812,342	Feb. 13	1673	368	120	1907
Weaning-muzzle.....	E. P. Seward.....	829,038	Aug. 21	2708	568	123	2408
Weapons. Pocket-holder for.....	O. Freyer.....	814,599	Mar. 6	1192	249	121	258
Weather-board gage.....	L. C. Anderson.....	810,246	Jan. 16	3309	686	120	805
Weather-strip.....	L. W. Woodburn.....	813,268	Feb. 20	3479	767	120	2332
Weather-strip.....	C. M. Eveleth.....	813,411	Feb. 27	3784	830-1	120	2454
Weather-strip.....	J. H. Pisor.....	813,518	Feb. 27	4010	879	120	2507
Weather-strip.....	C. A. Pike.....	814,076	Mar. 6	148	30	121	33
Weather-strip.....	C. Vose.....	814,893	Mar. 13	1778	372	121	446
Weather-strip.....	M. M. Shellabarger.....	815,646	Mar. 20	3344	700	121	836
Weather-strip.....	F. Y. Dawson.....	815,941	Mar. 27	3967	840	121	1021
Weather-strip.....	T. S. Christie.....	817,223	Apr. 10	1343	281	121	1718
Weather-strip.....	A. E. Hull.....	818,764	Apr. 24	4448	953	121	2494
Weather-strip.....	E. F. Shellabarger.....	821,261	May 22	4558	969	122	1192
Weather-strip.....	W. H. Etter.....	823,001	June 19	3539	755	122	2606
Weather-strip.....	C. W. Scott.....	827,039	July 24	4758	993	123	1252
Weather-strip.....	T. J. Johnson.....	831,872	Sept. 25	3981	831	124	1098
Weather-strip.....	J. C. McMahon.....	832,205	Oct. 2	378	70	124	1304
Weather-strip.....	S. W. Horst.....	834,523	Oct. 30	5261	1118	124	2678
Weather-strip.....	J. T. Johnston.....	835,069	Nov. 6	399	81	125	105
Weather-strip.....	C. W. Wright.....	835,654	Nov. 13	1547	331	125	434
Weather-strip.....	F. J. Schwartz.....	839,213	Dec. 25	3846	827	125	2436
Weather-strip.....	F. Nunning, Jr.....	839,411	Dec. 25	4221	904	125	2528
Weather-strip for doors.....	L. A. Payton and C. M. Powell.....	818,464	Apr. 24	3812	820	121	2356
Weather-strip for doors.....	W. H. McLeod.....	829,168	Aug. 21	3005	627	123	2484
Weather-strip. Metal.....	J. C. McMahon.....	832,150	Oct. 2	265	51	124	1277
Weaving.....	L. Lemieux.....	809,118	Jan. 2	991	205	120	219
Web-coating machines. Adjustable brush-carrier for.....	H. D. Newell and A. T. Bryant.....	820,666	May 15	3311	710	122	857
Web-guide.....	J. C. F. Balze.....	818,655	Apr. 24	4224	908	121	2445
Web-guiding device. Automatic.....	P. B. Klugh and A. E. Whitehead.....	832,982	Oct. 9	1933	404	124	1716
Web-looping mechanism.....	H. F. Bechman.....	811,270	Jan. 30	5408	1128	120	1334
Web-looping mechanism.....	H. F. Bechman.....	811,271	Jan. 30	5410	1128	120	1335
Web-manipulating mechanism.....	H. F. Bechman.....	811,121	Jan. 30	5087	1064	120	1264
Web-rolls while being unwound. Means for supporting.....	H. F. Bechman.....	830,285	Sept. 4	786	161	124	197
Web treating and cutting machine.....	A. J. Cummock.....	829,099	Aug. 21	2825	593-4	123	2439
Wedge.....	H. E. Denison and H. H. Blake.....	824,415	June 26	4331	922	122	2831
Wedge.....	H. E. Denison and H. H. Blake.....	830,214	Sept. 4	639	128	124	162
Wedge-cutting machine.....	S. Bozen.....	839,716	Dec. 25	4858	1038	125	2682
Wedge. Spring-jack.....	G. A. Zundel.....	810,596	Jan. 23	4075	840	120	1010
Weed-cutter.....	J. Killefer.....	812,276	Feb. 13	1555	340	120	1880
Weed-cutter.....	H. B. Nolen.....	820,820	May 15	3634	775-6	122	929
Weed-cutter.....	W. R. McKeen, Jr.....	830,163	Sept. 4	526	107	124	133
Weed-cutter.....	J. T. Short.....	830,805	Sept. 11	1852	385	124	496
Weed-exterminator.....	H. Thoeni.....	812,616	Feb. 13	2211	482	120	2015
Weed-extractor.....	H. Barry.....	828,452	Aug. 14	1536	324	123	2078
Weed-puller.....	P. M. Thayer.....	809,476	Jan. 9	1767	364	120	422
Weeder.....	F. Lange.....	819,771	May 8	1465	313	122	387
Weeder.....	J. H. Lamdry.....	823,337	June 12	2246	468-9	122	2267
Weeder.....	W. R. Jenkins.....	838,417	Dec. 11	2287	495	125	1965
Weeder and cultivator.....	J. E. and F. L. Elder.....	817,052	Apr. 3	1002	205	121	1581
Weeder and harrow. Combined.....	T. J. King.....	810,154	Jan. 16	3111	643	120	765
Weeder attachment.....	C. D. Eddy.....	816,851	Apr. 3	602	125	121	1492
Weeder. Lawn.....	M. W. Abts.....	833,278	Oct. 16	2549	532	124	1921
Weeder, orchard-cultivator, and fallow-plow. Combined.....	W. Turner.....	811,600	Feb. 6	128	28	120	1513
Weeder-tooth.....	S. A. McCune.....	811,517	Jan. 30	5847	1224	120	1425
Weeder-tooth.....	H. R. Nelson.....	839,310	Dec. 25	4020	864	125	2478
Weeding-tool.....	T. D. Halpin.....	823,272	June 12	2126	443	122	2241
Weeding-tool.....	J. R. Gilbert.....	838,100	Dec. 11	1650	356	125	1810
Weigher. Automatic.....	J. R. Harrison.....	818,688	Apr. 24	4283	919-20	121	2457
Weigher. Automatic.....	J. S. Herron.....	822,451	June 5	420	86	122	1816
Weigher and register. Automatic.....	H. B. Ruggles.....	830,676	Sept. 11	1593	329-30	124	427
Weighing and bagging machine.....	R. G. Scott.....	830,932	Sept. 11	2074	437	124	551
Weighing and dumping machine. Automatic.....	R. D. Webb.....	820,455	May 15	2901	630	122	767
Weighing and feeding device. Hydraulic.....	J. R. Sharp.....	839,656	Dec. 25	4729	1011	125	2650
Weighing and mixing apparatus. Automatic.....	T. A. Edison.....	832,046	Oct. 2	38	9-10	124	1221
Weighing and sacking machine.....	P. L. Creighton.....	819,860	May 8	1644	350	122	432
Weighing and sacking machine. Automatic.....	J. H. Pennick.....	837,956	Dec. 11	1337	293	125	1728
Weighing apparatus.....	G. Kley.....	819,558	May 1	1025	225	122	231
Weighing apparatus.....	E. A. Carmichael.....	829,194	Aug. 21	3048	638-9	123	2496
Weighing apparatus.....	E. A. Carmichael.....	832,236	Oct. 2	450	83	124	1322
Weighing apparatus. Automatic.....	B. Simons.....	819,610	May 1	1114	246-7	122	250
Weighing apparatus. Coin-controlled.....	M. H. Reed.....	831,240	Sept. 18	2697	566-7	124	731
Weighing apparatus. Liquid.....	W. W. George.....	838,503	Dec. 11	2441	531	125	2003
Weighing apparatus. Portable.....	J. H. Harrison.....	825,459	July 10	1584	329	123	431
Weighing appliance. Elevator.....	A. Aker.....	826,822	July 24	4340	903	123	1150
Weighing device.....	H. E. Dahlman.....	812,830	Feb. 20	2622	574	120	2146
Weighing device. Automatic.....	J. Renz.....	832,340	Oct. 2	653	125	124	1369
Weighing device. Automatic grain.....	E. O. Borg.....	834,446	Oct. 30	5117	1086	124	2641
Weighing instrument.....	H. M. Willis.....	822,804	June 5	1137	234	122	1977
Weighing-machine.....	H. B. Hixson.....	813,972	Feb. 27	4884	1080	120	2693
Weighing-machine.....	E. Cameron.....	817,221	Apr. 10	1338	279-80	121	1716
Weighing-machine.....	J. G. Raquet.....	826,864	July 10	2423	505-6	123	637
Weighing-machine.....	E. Cameron.....	826,141	July 17	2960	615-16	123	785
Weighing-machine.....	W. S. Scales.....	826,475	July 17	3593	749	123	937
Weighing-machine.....	H. Richardson.....	828,246	Aug. 7	1083	228	123	1934
Weighing-machine.....	T. S. B. Parnall.....	837,420	Dec. 4	284	69-70	125	1427
Weighing-machine.....	D. J. Campbell.....	839,108	Dec. 25	3623	782	125	2381
Weighing-machine. Automatic.....	E. C. Arnett.....	810,694	Jan. 23	4248	880-1	120	1049

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Weighing-machine. Automatic.	G. F. Turner and C. E. Vail	832,102	Oct. 2	148	32-3	124	1248
Weighing-machine. Automatic.	H. C. Bowlus. (Reissue)	12,554	Nov. 6	1223	264	125	307
Weighing-machine. Automatic electric.	W. T. Dean and J. G. Bergquist	824,979	July 3	608	122-3	123	160
Weighing-machine. Coin-controlled.	C. J. Harrington	836,926	Nov. 27	4077	870-1	125	1139
Weighing-machine or meter. Tip-tank	W. H. Pearce	821,531	May 22	5107	1088	122	1313
Weighing mechanism.	C. Skidmore	829,299	Aug. 21	3258	687	123	2546
Weighing mechanism.	C. O. Soderquist and C. H. Fettel	830,682	Sept. 11	1601	331-2	124	429
Weighing-scoop.	B. D. Emanuel	825,812	July 10	2332	486	123	614
Weight.	J. T. Brent, 2d.	826,707	July 24	4134	858	123	1098
Weight-actuated apparatus.	E. Puller	823,521	June 19	2626	552	122	2407
Weight-motor.	F. F. Yapp and E. E. Ellis	828,992	Aug. 21	2603	549	123	2380
Weight-operated gate.	A. C. Worland	827,771	Aug. 7	169	34	123	1711
Weight. Sectional.	J. T. Brent, 2d.	826,706	July 24	4132	858	123	1097
Weir.	B. C. Crowley	834,267	Oct. 30	4784	1012	124	2558
Weld-making apparatus.	J. C. Perry	837,249	Nov. 27	4703	998	125	1293
Welding and shaping chain-links. Machine for.	I. D. Weaver	835,842	Nov. 13	1889	400	125	519
Welding apparatus.	C. L. Rowland	817,992	Apr. 17	2881	623	121	2104
Welding apparatus. Arc.	A. C. Eastwood	818,361	Apr. 17	3607	773	121	2257
Welding apparatus. Electric.	W. M. Fulton and J. S. Brown	837,296	Dec. 4	43	13-14	125	1364
Welding apparatus. Socket.	D. Heggie	808,657	Jan. 2	74	16	120	18
Welding compound. Steel.	G. Wiesmann	837,443	Dec. 4	328	143	125	1437
Welding. Electric.	L. S. Lachman	828,033	Aug. 7	690	143	123	1842
Welding-machine. Electric.	W. C. Winfield	812,969	Feb. 20	2900	639-40	120	2207
Welding. Machine for electrically.	L. S. Rolland	830,674	Sept. 11	1590	328-9	124	427
Welding machine. Metal.	L. Roehr	829,295	Aug. 21	3252	685	123	2544
Well.	W. A. Crumley	834,268	Oct. 30	4785	1012	124	2558
Well apparatus. Gas.	F. J. Moser	820,237	May 8	2457	532	122	609
Well appliance. Oil.	R. E. Grant	827,527	July 31	5885	1218	123	1545
Well-boring apparatus.	A. K. Wallen, Sr.	810,097	Jan. 16	2999	624-5	120	744
Well-cap.	H. A. Gray	830,782	Sept. 11	1812	375-6	124	486
Well casing-head. Oil.	J. R. Eddy and R. F. Hadley	822,930	June 12	1390	291	122	2078
Well construction.	D. M. Swain	837,433	Dec. 4	313	75	125	1434
Well device. Oil.	H. Wilson	812,711	Feb. 13	2386	524	120	2049
Well-drilling apparatus.	A. Craig and E. Double	811,905	Feb. 6	715	155-6	120	1636
Well-drilling apparatus.	I. L. Neely	811,947	Feb. 6	825	181	120	1658
Well-drilling apparatus.	S. N. Hall	822,272	June 5	92	19	122	1749
Well-drilling cable.	J. Reid	826,063	July 17	2816	584	123	751
Well-drilling machine.	D. L. Baugher	812,393	Feb. 13	1777	389	120	1928
Well-drilling machine.	W. L. Knowles	816,341	Mar. 27	4800	1016-17	121	1201
Well-drilling machine.	J. W. Miller	816,988	Apr. 3	890	184	121	1556
Well-drilling machine.	J. W. Shawver	817,527	Apr. 10	1950	412-13	121	1844
Well-drilling machine.	C. M. McAfee	820,936	May 15	3894	830	122	986
Well-drilling machine.	L. D. Shryock	831,305	Sept. 18	2840	601	124	770
Well-drilling machine.	L. S. Parsons	831,465	Sept. 18	3130	663-4	124	843
Well-drilling machine.	C. M. McAfee	831,675	Sept. 25	3599	755	124	1003
Well-drilling machine.	E. A. Boaz and J. Kenehan	832,362	Oct. 2	687	132	124	1378
Well-drilling machine.	L. K. Robbins	834,642	Oct. 30	5506	1169	124	2740
Well-drilling machine.	F. E. Simpkins	835,368	Nov. 6	984	209-10	125	249
Well-drilling machines. Mast for.	M. McCain	836,985	Nov. 27	4193	892-3	125	1168
Well-drilling machinery.	M. McCain	836,984	Nov. 27	4189	891-2	125	1167
Well jack. Oil.	G. B. Sessions	822,392	June 5	317	66	122	1795
Well-machine.	M. Leininger	839,773	Dec. 25	4961	1059	125	2710
Well mechanism.	M. E. Layne	821,653	May 29	5353	1141	122	1424
Well-operating apparatus.	R. A. Myers	818,042	Apr. 17	2984	645	121	2125
Well-pit-mold frame.	W. H. Lucas	822,140	May 29	6293	1341	122	1636
Well-pulling machine.	O. D. Kraft and L. W. Fetzner	809,190	Jan. 2	1118	233	120	247
Well-reamer.	H. R. Hardenburg and F. Sager	815,012	Mar. 13	2026	425	121	497
Well-rig.	S. S. Strotman	828,830	Aug. 14	2264	481-2	123	2265
Well rig. Oil.	L. H. Emerson and S. P. Kerstetter	815,519	Mar. 20	3094	646	121	781
Well-sinking apparatus.	M. T. Chapman	810,910	Jan. 30	4685	977-8	120	1176
Well-sinking apparatus.	M. T. Chapman	833,200	Oct. 16	2390	500-1	124	1881
Well-sinking apparatus.	M. T. Chapman	833,201	Oct. 16	2395	501-2	124	1882
Well-strainer.	J. H. McEvoy	828,956	Aug. 21	2527	536	123	2361
Well strainer. Oil and water.	F. I. Getty. (Reissue)	12,537	Oct. 9	2252	474	124	1800
Well-strainer. Tube.	W. F. Cook	828,714	Aug. 14	2049	432	123	2209
Well. Terra-cotta-tile.	J. Elliott	822,254	June 5	52	11	122	1740
Well-tube safety-catch.	W. A. Shaw	823,974	June 19	3484	744	122	2595
Well-tubing.	A. Smith	830,184	Sept. 4	556	114	124	141
Well-tubing clamp.	B. G. Riggs	834,537	Oct. 30	5281	1122	124	2684
Well-tubings, &c. Apparatus for extracting and ap- plying	J. O. Bruen and W. Ackerman	828,708	Aug. 14	2034	429	123	2205
Well-underreamer.	C. Peters	811,584	Feb. 6	99	22	120	1507
Wells and making same. Electric heater for oil.	B. F. Gardner	809,917	Jan. 9	2606	537	120	606
Wells. Apparatus for igniting primers in.	F. I. Du Pont	839,194	Dec. 25	3803	821	125	2425
Wells. Branch clamp for oil.	R. B. Nelson	816,361	Mar. 27	4847	1027	121	1211
Wells. Derrick for pumping oil.	G. E. Keeler and S. W. Genson	828,122	Aug. 7	867	178	123	1885
Wells. Device for grappling lost tools in drill.	E. S. W. Drought	826,550	July 24	3817	791	123	1015
Wells. Device for raising liquids from.	W. Richards	813,322	Feb. 20	3606	721	120	2358
Wells. Device for recovering articles from deep.	E. A. Stubler	812,379	Feb. 13	1746	383	120	1922
Wells. Device for removing rings from.	W. J. Wagner	814,338	Mar. 6	697	140	121	153
Wells. Drilling.	H. R. Decker	834,367	Oct. 30	4969	1053	124	2605
Wells. Fishing-tool for.	J. H. Morrow	832,920	Oct. 9	1822	376	124	1600
Wells. Fishing-tool for oil.	A. W. Wolf	811,348	Jan. 30	5556	1159	120	1366
Wells. Producing oil from oil.	R. J. Hoffman	809,806	Jan. 9	2396	496	120	560
Wells. Rod-adjuster for pumping.	J. A. Stoops	839,671	Dec. 25	4759	1017	125	2658
Wells. Rotary for oil.	H. D. Bernard	812,000	Feb. 6	958	204	120	1684
Wells. Valve-adjuster for oil.	E. R. Matthews	822,971	June 12	1468	306	122	2095
Welt.	G. E. Rollins	816,601	Apr. 3	109	23	121	1381
Welt-making machine.	G. E. Rollins. (Reissue)	12,429	Apr. 2	1334	271	120	293
Welts. Making waterproof.	J. R. Reynolds	811,793	Jan. 6	490	106	120	1591
Whalebone or rubber substitutes. Producing.	W. Polatsik	820,315	May 8	2619	122	122	646
Wharf or landing-stage.	A. Janssens	813,046	Feb. 20	3040	669	120	2237
Wheat-beater.	C. F. Rock and W. D. Anderson	839,322	Dec. 25	4054	869-70	125	2487
Wheat-shocker.	G. R. Keltner	819,554	May 1	1017	223	122	229

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Wheat temperer and heater	I. J. Mills.	819,240	May 1	415	87	122	97
Wheel:							
See Abrasive wheel.	Plow gage-wheel.						
Automobile-wheel.	Pneumatic wheel.						
Bucket-wheel.	Pneumatic-cushion wheel.						
Car-wheel.	Wheel.						
Clock or watch wheel.	Pneumatic-tired wheel.						
Contact-wheel.	Polishing or buffing wheel.						
Elastic wheel.	Propeller-wheel.						
Engine-wheel.	Resilient wheel.						
Fifth-wheel.	Self-lubricating wheel.						
Free-running wheel.	Self-oiling wheel.						
Gear-wheel.	Spring-wheel.						
Grinding-wheel.	Sprocket-wheel.						
Hand-wheel.	Traction-wheel.						
Indicator reducing-wheel.	Trolley-wheel.						
Landside-wheel.	Truck-wheel.						
Lifting and separating wheel.	Turbine-wheel.						
Locomotive-wheel.	Turbine bucket-wheel.						
Locomotive driving-wheel.	Vehicle-wheel.						
Lubricating-wheel.	Vehicle motor-wheel.						
Motor-wheel.	Vehicle spring-wheel.						
Paddle-wheel.	Wagon-wheel.						
Planter-wheel.	Water-wheel.						
	Wind-wheel.						
	Wooden-spoke wheel.						
Wheel.	G. L. Hinsch.	810,337	Jan. 16	3504	723	120	849
Wheel.	C. Heart.	810,649	Jan. 23	4175	862	120	1033
Wheel.	C. A. Brinley.	812,179	Feb. 13	1349	293	120	1833
Wheel.	C. P. Melvin.	813,225	Feb. 20	3406	751	120	2315
Wheel.	C. F. Marohn.	813,565	Feb. 27	4102	899	120	2527
Wheel.	B. Holt.	815,295	Mar. 13	2591	545	121	624
Wheel.	H. L. Ferris.	815,520	Mar. 20	3095	646	121	782
Wheel.	C. B. Van Horn.	819,824	May 8	1581	336	122	416
Wheel.	W. S. H. Smith.	819,942	May 8	1806	390	122	467
Wheel.	J. Sinnott.	820,741	May 15	3455	740-1	122	889
Wheel.	A. J. Robertson.	821,886	May 29	5806	1237	122	1524
Wheel.	S. J. Turner.	822,088	May 29	6196	1321	122	1614
Wheel.	J. F. Pease and E. Schumacher.	822,151	May 29	6324	1345	122	1644
Wheel.	A. Freschl.	822,518	June 5	568	115	122	1851
Wheel.	M. Dixon.	823,938	June 19	3411	729	122	2579
Wheel.	J. C. Wands.	824,892	July 3	431	84	123	117
Wheel.	C. W. Pradeau.	825,157	July 3	932	197	123	245
Wheel.	I. W. Giles and C. W. Tobey.	825,821	July 10	2350	490	123	619
Wheel.	G. Shugers.	826,617	July 24	3973	822	123	1057
Wheel.	J. W. Meixell.	826,865	July 24	4433	922	123	1172
Wheel.	G. Sorépel and E. J. L. Broux.	829,037	Aug. 21	2705	567	123	2406
Wheel.	F. J. Hall and A. W. Hawkinson.	831,860	Sept. 25	3960	827	124	1093
Wheel.	L. N. Wittum.	832,888	Oct. 9	1764	364	124	1677
Wheel.	J. Thomson.	837,150	Nov. 27	4528	960	125	1249
Wheel.	J. Thomson.	837,151	Nov. 27	4530	960	125	1250
Wheel.	J. Thomson.	837,152	Nov. 27	4531	960	125	1250
Wheel.	J. Thomson.	837,153	Nov. 27	4533	961	125	1250
Wheel.	W. H. Pierce.	839,417	Dec. 25	4237	907	125	2533
Wheel and making the same.	C. E. Howe, B. F. Rix, and E. P. Holden.	818,175	Apr. 17	3252	697	121	2183
Wheel attachment. Vehicle.	G. W. Kirkpatrick.	810,419	Jan. 23	3717	766	120	929
Wheel attachment. Vehicle.	G. W. Kirkpatrick.	810,420	Jan. 23	3719	766	120	930
Wheel-block.	J. T. Lowe.	837,235	Nov. 27	4678	993	125	1287
Wheel-box.	I. A. Weaver.	835,768	Nov. 13	1745	372	125	482
Wheel construction.	F. P. Prendergast.	814,077	Mar. 6	150	30	121	34
Wheel construction.	F. C. Milliken.	831,731	Sept. 25	3701	775	124	1031
Wheel-cutting machine. Worm.	W. B. McLean.	812,441	Feb. 13	1864	410	120	1946
Wheel-fastener.	E. A. Johnston.	819,434	May 1	808	174	122	182
Wheel-fastening.	G. C. Hicks, Jr.	818,171	Apr. 17	3245	696	121	2181
Wheel-fender.	W. H. Lake.	828,892	Aug. 21	2411	513	123	2331
Wheel-flange and rail lubricator.	A. C. Love.	830,241	Sept. 4	685	137	124	173
Wheel-gage.	R. L. Ervin.	816,159	Mar. 27	4421	935	121	1120
Wheel-guard.	E. P. Craley.	826,768	July 24	4249	883	123	1128
Wheel-holder.	O. G. Klein.	820,579	May 15	3160	680-1	122	825
Wheel-lock.	A. H. Pence.	831,568	Sept. 25	3353	705	124	935
Wheel-mount. Vehicle.	G. D. Munsing.	819,302	May 1	542	115	122	124
Wheel-mount. Vehicle.	G. D. Munsing.	819,303	May 1	545	115	122	125
Wheel-mounting.	F. H. Richards.	837,963	Dec. 11	1356	296-7	125	1733
Wheel-rim.	C. S. Scott.	809,533	Jan. 9	1868	388	120	444
Wheel-rim.	H. B. Williams.	823,093	June 12	1739	358	122	2154
Wheel rim and tire fastening.	R. H. Atcheson and J. H. Walsh.	822,711	June 5	974	199	122	1943
Wheel rim. Rubber-tired.	O. L. Pickard. (Reissue)	12,450	Feb. 13	2557	562	120	2087
Wheel rim. Vehicle.	I. Hodgson.	813,382	Feb. 20	3717	817	120	2381
Wheel rim. Vehicle.	F. A. Wilcox.	831,581	Sept. 25	3385	711	124	944
Wheel rim. Vehicle.	W. Flynn.	833,378	Oct. 16	2747	578	124	1974
Wheel rim. Vehicle.	D. D. Griffiths.	833,520	Oct. 16	3052	647	124	2045
Wheel sand-box.	L. E. Waterman.	830,691	Sept. 11	1627	336	124	437
Wheel-scraper.	E. Davis and W. Dellinger.	828,305	Aug. 14	1237	258	123	2002
Wheel structure.	J. Ledwinka.	808,765	Jan. 2	280	61	120	64
Wheel-washing apparatus. Vehicle.	R. M. Sutherlin.	830,463	Sept. 4	1137	239	124	280
Wheels, &c., and track therefor. Casing for.	H. F. Keil.	809,695	Jan. 9	2200	456	120	516
Wheels, &c., and track therefor. Casing for.	H. F. Keil.	809,696	Jan. 9	2201	456	120	516
Wheels. Apparatus for the production of globoidal worm.	G. Mothes.	809,833	Jan. 9	2438	507	120	569
Wheels. Appliance for securing the rims and tires of vehicle.	C. B. Cave-Browne-Cave.	833,199	Oct. 16	2388	500	124	1880
Wheels. Construction of.	T. R. Beaumont.	808,625	Jan. 2	13	3	120	5
Wheels. Mounting or suspension for vehicle.	C. W. Fulton.	814,198	Mar. 6	378	77	121	82

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Wheels. Slip-preventing and tire-armoring device for	E. S. Lebeau	838,628	Dec. 18	2699	578	125	2109
Wheels. Snow-shoe for	F. W. Nightingale	813,231	Feb. 20	3417	753	120	2318
Wheels to axles. Means for attaching	C. Duncan	838,967	Dec. 18	3304	714	125	2255
Wheels to axles. Mechanism for connecting vehicle	H. Hill	812,423	Feb. 27	3813	836	120	2460
Wheels. Toe or grouser attachment for traction	J. McDonald	813,571	Feb. 27	4117	902	120	2530
Wheels upon axles. Device for holding	W. J. and C. G. McDougall	839,623	Dec. 25	4646	990	125	2632
Wheelbarrow	W. Tasker	809,340	Jan. 9	1469	297	120	359
Wheelbarrow	W. Gossett	812,990	Feb. 20	2936	647	120	2215
Wheelbarrow	B. E. Smith	817,677	Apr. 10	2215	473	121	1899
Wheelbarrow	H. Edick	818,529	Apr. 24	3966	851-2	121	2388
Wheelbarrow	F. J. Cooper	819,856	May 8	1638	349	122	430
Wheelbarrow-shoe	M. V. Garver	816,655	Apr. 3	231	53	121	1411
Whetstone, blotter, and paper-weight. Combined	E. B. Pike	824,138	June 26	3769	805	122	2713
Whetstone-measuring apparatus	H. R. Macdonald	818,545	Apr. 24	3996	857	121	2393
Whiffletree	A. R. Meister and A. E. Wright	821,179	May 22	4402	937	122	1158
Whiffletree	W. H. Spillman and F. Fowler	821,383	May 22	4826	1025	122	1253
Whiffletree	P. Blondell	824,060	June 19	3641	775	122	2627
Whiffletree	J. N. Richards	830,366	Sept. 4	940	194	124	231
Whiffletree	W. T. Daves	833,677	Oct. 16	3354	713	124	2116
Whiffletree	W. E. Phillips	834,639	Oct. 30	5500	1168	124	2739
Whiffletree	C. Harrell	835,904	Nov. 13	2004	424	125	545
Whiffletree connection	O. C. Dickerman	812,188	Feb. 13	1370	298	120	1838
Whiffletree connection	J. I. Shaw	824,265	June 26	4030	862	122	2770
Whiffletree-connector. Trace	R. J. Lay	826,946	July 24	4582	954	123	1210
Whiffletree-coupling	J. R. Pring	817,335	Apr. 10	1556	327	121	1759
Whiffletree-coupling	F. G. Davis	820,918	May 15	3863	823	122	978
Whiffletree-hook	G. W. Wilson	812,390	Feb. 13	1769	387	120	1926
Whiffletree-hook	C. H. Geery	820,564	May 15	3135	674	122	819
Whiffletree-hook	R. A. Ditt	821,158	May 22	4370	930	122	1152
Whiffletree-hook	H. C. Scott	822,557	June 5	639	128	122	1867
Whiffletree-hook	J. R. Hughes	825,216	July 3	1055	222	123	276
Whiffletree-hook	J. G. Myers	830,914	Sept. 11	2044	430	124	545
Whiffletree-hook	W. True	833,808	Oct. 23	3632	777	124	2227
Whiffletree-hook	J. A. Douglas and J. Bartleson	839,739	Dec. 25	4897	1046	125	2693
Whip	M. O. Felker	829,392	Aug. 28	3450	726	123	2639
Whip-buttons. Making	H. A. Palmer and J. E. Upson	832,272	Oct. 2	519	98	124	1339
Whiphandle	J. P. Bowditch	835,150	Nov. 6	557	113	125	142
Whip-holder	T. and H. Ludewick	811,308	Jan. 30	5478	1142	120	1349
Whip-holder	L. Miller	821,427	May 22	4923	1046	122	1274
Whip-manipulator	A. L. Weeks	836,158	Nov. 20	2492	523	125	716
Whip-operating device	A. Burrows	813,401	Feb. 27	3767	827	120	2450
Whip-socket	J. M. Clark	817,548	Apr. 10	1996	421	121	1852
Whip-socket	J. D. Shimer	822,779	June 5	1086	224	122	1966
Whip-socket	R. H. Heberling	837,222	Nov. 27	4649	988	125	1280
Whip-stock	G. Monetti	815,199	Mar. 13	2424	505	121	588
Whist-board	G. R. Barksdale	835,387	Nov. 6	1033	221	125	201
Whist. Chart for keeping records of bridge	J. E. Russell	835,833	Nov. 13	1873	396	125	516
Whist. Implements to be used in playing duplicate	F. W. Chadbourne	834,189	Oct. 23	4600	975-6	124	2466
Whistle	P. A. Mortensen	819,076	May 1	85	20	122	23
Whistle	E. P. Gray	821,358	May 22	4770	1014	122	1241
Whistle	T. Hoops, Jr.	838,187	Dec. 11	1837	394	125	1857
Wick. Candle	G. Genovese and E. Calvi	816,790	Apr. 3	467	-104	121	1460
Wick construction. Lamp	J. H. Morrison	828,953	Aug. 21	2524	535	123	2361
Wick for candles, lamps, &c	V. Pfersdorff	827,176	July 31	5116	110-11	123	1358
Wick. Hydrocarbon-burner	G. W. Ferdon	832,305	Oct. 2	587	110-11	124	1354
Wick-stop	J. S. Frey	833,738	Oct. 23	3483	743	124	2192
Wicket	W. F. Oliver	812,948	Feb. 20	2856	630	120	2206
Wicking in lengths and bundling the same. Machine for cutting cotton	H. Marsh	813,441	Feb. 27	3851	844	120	2469
Wigs in place. Securing	W. Schleicher	833,092	Oct. 9	2141	451	124	1770
Willow	C. Schofield	825,159	July 3	934	198	123	246
Winch	G. W. King	836,119	Nov. 20	2402	508-9	125	694
Wind-chest. Compound or duplex	P. Wirsching	836,907	Nov. 27	4034	862-3	125	1129
Wind-motor	J. C. Ziegler	816,524	Mar. 27	5173	1097-8	121	1282
Wind-motor	J. Schenbeck	827,038	July 24	4756	992-3	123	1251
Wind-motor	J. J. Donnelly	835,667	Nov. 13	1564	334	125	438
Wind-shelter	K. von Helmolt	835,906	Nov. 13	2007	426-7	125	546
Wind-shield	A. L. Banker	834,503	Oct. 30	5231	1110	124	2671
Wind-wheel	C. R. Cutting	809,431	Jan. 9	1679	344-5	120	401
Wind-wheel	E. Q. Fuller and E. P. Johnston	823,404	June 12	2359	496	122	2289
Windmill	M. S. Newcomer	809,208	Jan. 2	1152	239	120	253
Windmill	B. R. Harrington	811,218	Jan. 30	5302	1109	120	1311
Windmill	A. Geoffroy	814,283	Mar. 6	547	114-15	121	118
Windmill	P. H. Hanchett	814,600	Mar. 6	1193	250	121	258
Windmill	R. S. Bartlett	818,013	Apr. 17	2927	632	121	2114
Windmill	G. B. Snow	819,943	May 8	1807	391	122	467
Windmill	J. Pestor	820,988	May 22	4037	858	122	1078
Windmill	W. P. Brett	827,611	July 31	6039	1256	123	1582
Windmill	S. Terzian	833,184	Oct. 16	2352	492	124	1871
Windmill	F. M. Espinosa	833,593	Oct. 16	3204	681-2	124	2080
Windmill	D. Doty	836,491	Nov. 20	3161	670	125	879
Windmill	B. E. Cassell	837,795	Dec. 4	1026	228	125	1607
Windmill	J. F. Ayers	838,837	Dec. 18	3083	665-6	125	2204
Windmill attachment	A. J. Shary and T. L. Anthony	817,808	Apr. 17	2503	536	121	2018
Windmill-brake	F. E. Benedict	831,529	Sept. 25	3272	689	124	913
Windmill-brake	A. J. Patch	831,567	Sept. 25	3352	704-5	124	934
Windmill-governor	P. B. F. Born	816,213	Mar. 27	4522	960	121	1142
Windmill-lubricator	C. A. Hoff	823,410	June 12	2366	498	122	2291
Windmill-regulating mechanism	M. S. Newcomer	812,671	Feb. 13	2311	503-4	120	2034
Windmill-regulator	H. A. Kricke	838,425	Dec. 11	2301	498	125	1969
Windmill-regulator	F. E. Kronquest	816,167	Mar. 27	4438	939-40	121	1124
Windmill speed-jack	O. M. Mendenhall	827,252	July 31	5245	1089	123	1391
Winder	J. W. Harris	817,426	Apr. 10	1749	368	121	1801
Winding and spinning machine. Yarn	E. Neild and H. Marsh	836,398	Nov. 20	2980	632	125	834
Winding arbor. Collapsible tape	A. L. Adams	825,951	July 17	2596	539	123	694

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Winding-arbors. Handle for.....	W. F. Winslow and G. B. Owen..	826,002	July 17	2703	559	123	723
Winding-core.....	J. H. Gately.....	839,378	Dec. 25	4155	890	125	2512
Winding-drum.....	W. S. Edward.....	821,708	May 29	5482	1167	122	1451
Winding-drum attachment.....	W. F. Murray.....	828,565	Aug. 14	1763	371	123	2137
Winding-drums. Rope-fastening for.....	W. Ferris.....	823,401	June 12	2354	495	122	2288
Winding fabrics, threads, or yarns. Automatic regu- lator for use in.....	F. Beraud and H. Janton.....	839,261	Dec. 25	3930	844	125	2457
Winding-frame, &c. Quick-traverse.....	C. D. Taylor.....	834,420	Oct. 30	5073	1076	124	2629
Winding frame. Yarn.....	P. Taylor.....	822,086	May 29	6193	1320	122	1613
Winding-machine. Yarn.....	A. B. McCauley.....	811,655	Feb. 6	231	50-1	120	1536
Winding-machine.....	G. W. Bromley.....	812,012	Feb. 6	977	213	120	1688
Winding-machine.....	E. H. Smythe.....	817,883	Apr. 17	2659	578-9	121	2051
Winding-machine.....	D. Barton and H. K. Ackerman..	818,514	Apr. 24	3925	844	121	2378
Winding-machine.....	J. O. McKean.....	829,886	Aug. 28	4511	951-2	123	2900
Winding-machine.....	J. O. McKean.....	831,504	Sept. 25	3346	702-3	124	933
Winding-machine.....	A. D. Scott.....	835,202	Nov. 6	652	135	125	166
Winding machine. Ball.....	A. T. and G. H. Saunders.....	822,482	June 5	491	100-1	122	1843
Winding machine. Ball.....	F. J. Faulkner.....	830,703	Sept. 11	1663	341	124	449
Winding machine. Ball.....	R. D. Perry.....	833,335	Oct. 16	2666	560-1	124	1952
Winding-machine bobbin.....	C. Ryden.....	822,224	May 29	6467	1372	122	1676
Winding machine. Quill or cop.....	H. Kaufmann.....	823,789	June 19	3128	663	122	2516
Winding-machine tension device.....	J. O. McKean.....	838,046	Dec. 11	1527	328	125	1778
Winding machine. Thread.....	G. W. Foster.....	813,372	Feb. 20	3698	813	120	2378
Winding-machine thread-cutter.....	J. M. Leonard.....	828,671	Aug. 14	1959	412	123	2186
Winding machine. Yarn.....	J. K. Altemus.....	835,490	Nov. 13	1230	265	125	355
Winding machines. Adjustable guide-wire holder for yarn.....	A. J. Dronsfield.....	837,389	Dec. 4	224	56	125	1411
Winding machinery. Ball.....	J. Mackie.....	836,327	Nov. 20	2837	602-4	125	802
Winding mechanism.....	F. Fetterback and G. Lieckfeld..	815,692	Mar. 20	3442	718-19	121	858
Winding mechanism.....	E. C. Fitch.....	830,058	Sept. 4	296	60	124	72
Winding mechanism for cotton-laps.....	C. Bernard.....	811,614	Feb. 6	157	34-5	120	1519
Winding mechanism. Spring.....	O. Ohlson.....	835,710	Nov. 13	1637	348	125	456
Winding-reel.....	G. Poure.....	810,977	Jan. 30	4834	1005-6	120	1210
Winding silk to facilitate treatment thereof.....	L. Détré.....	833,374	Oct. 16	2739	577	124	1971
Windlass.....	T. F. Mason.....	808,670	Jan. 2	93	21	120	22
Window.....	R. O. Scheel.....	813,455	Feb. 27	3871	848	120	2474
Window.....	W. J. Klemm.....	813,716	Feb. 27	4381	966-7	120	2586
Window.....	J. L. Mesker.....	814,616	Mar. 6	1224	258	121	265
Window.....	D. R. Caler.....	816,431	Mar. 27	4990	1059	121	1240
Window.....	A. E. Hull.....	816,580	Apr. 3	46	12	121	1364
Window.....	E. W. Humphreys.....	819,760	May 8	1443	308-9	122	383
Window.....	B. J. Leslie.....	820,218	May 8	2422	526	122	602
Window.....	R. M. Dixon.....	820,958	May 22	3957	842	122	1061
Window.....	E. M. Erb.....	820,960	May 22	3963	843	122	1062
Window.....	H. Hyde.....	821,101	May 22	4258	906	122	1126
Window.....	P. McGinnis.....	821,665	May 29	5376	1146	122	1428
Window.....	F. Flaschberger and M. Gebhart..	822,516	June 5	565	114	122	1851
Window.....	W. H. Barriere.....	827,778	Aug. 7	180	37	123	1715
Window.....	G. W. Buffington.....	827,958	Aug. 7	532	109	123	1804
Window.....	D. Zatzke.....	828,447	Aug. 14	1518	319	123	2072
Window.....	Z. L. Trainham.....	829,041	Aug. 21	2713	569	123	2409
Window.....	C. R. Sjoberg.....	834,417	Oct. 30	5070	1074-5	124	2628
Window.....	A. Kent.....	838,863	Dec. 18	3135	675	125	2217
Window.....	F. J. and H. G. Carl.....	839,726	Dec. 25	4872	1041	125	2696
Window and door screen.....	H. E. Southworth.....	815,484	Mar. 20	3024	631-2	121	766
Window and screen attachment.....	R. Mohr.....	814,468	Mar. 6	948	194	121	206
Window and window-frame. Sliding.....	W. Bentley and W. J. D. Thomp- son.....	834,453	Oct. 30	5129	1089	124	2644
Window and window-screen fastener. Storm.....	F. O. Hermance.....	822,521	June 5	574	115	122	1852
Window attachment.....	C. H. Faulkner.....	810,735	Jan. 23	4322	898	120	1066
Window. Balanced.....	A. Knox.....	821,510	May 22	5072	1080	122	1305
Window-box for flowers. Metal.....	E. E. Bixler.....	812,806	Feb. 20	2566	565	120	2133
Window-bracket.....	A. Brzykew.....	821,983	May 29	6001	1279-80	122	1568
Window. Casement and similar.....	C. D. Tabor.....	820,027	May 8	2040	448	122	517
Window-cleaner.....	A. M. Johnson and D. H. Rowe..	813,800	Feb. 27	4543	1004	120	2621
Window-cleaner.....	H. Beatty.....	815,782	Mar. 20	3643	766	121	899
Window-cleaner.....	S. R. Swain.....	818,002	Apr. 17	2902	626	121	2109
Window-cleaner.....	R. J. Williams.....	820,688	May 15	3357	719	122	865
Window-cleaner.....	E. M. George.....	832,475	Oct. 2	916	178	124	1432
Window-cleaning platform.....	H. P. Terry.....	818,484	Apr. 24	3843	826	121	2362
Window-closure. Heat-controlled.....	T. Lee.....	833,229	Oct. 16	2454	513	124	1897
Window construction.....	W. H. Miller.....	816,241	Mar. 27	4570	973	121	1152
Window construction.....	E. M. Erb.....	821,228	May 22	4488	956	122	1176
Window-controlling attachment. Automatic.....	J. B. McKeown.....	837,875	Dec. 4	1179	261	125	1647
Window corner-post or transom-bar.....	J. W. Coulson.....	834,890	Nov. 6	25	5	125	9
Window, door, &c., ventilator.....	L. Y. McConnell.....	836,201	Nov. 20	2579	544	125	736
Window-dresser.....	G. F. Hall.....	826,160	July 17	2998	622	123	795
Window-dressing apparatus.....	F. Conhain.....	815,796	Mar. 20	3678	774-5	121	907
Window-fastener.....	R. G. Fraser.....	814,439	Mar. 6	895	184	121	195
Window-fastener.....	J. Trafford.....	814,995	Mar. 13	1975	415-16	121	485
Window-fastener.....	A. Rosenberg.....	825,616	July 10	1921	407	123	510
Window-fastener.....	W. F. Gilbert.....	826,930	July 24	4560	949	123	1204
Window-fastener.....	G. S. Lord and J. Affleck.....	828,037	Aug. 7	696	144	123	1843
Window-fastener.....	J. A. Bock.....	835,931	Nov. 13	2048	437	125	555
Window-fastener.....	E. F. Kapus.....	836,810	Nov. 27	3828	815	125	1081
Window-fastener.....	A. Rosenberg.....	827,508	Dec. 4	448	102-3	125	1463
Window fastener. Screen and storm.....	J. W. Councilor.....	837,083	July 31	4883	1018	123	1296
Window-fastening device.....	J. H. Cook.....	836,095	Nov. 20	2343	495	125	681
Window-fixture.....	C. A. Cribbs and H. E. McCoy..	810,469	Jan. 23	3824	785	120	956
Window-fixture.....	A. Moore, Jr.....	837,096	Nov. 27	4419	937	125	1223
Window for banks. Automatic.....	G. K. Russell.....	830,928	Sept. 11	2067	435	124	549
Window-frame.....	H. C. Smith.....	810,887	Jan. 23	4631	965-6	120	1131
Window frame and sash.....	R. F. Nichols.....	830,817	May 15	3627	774	122	927
Window frame and sash.....	H. Staib.....	822,785	June 5	1095	226	122	1968
Window frame and sash. Metallic.....	W. E. Yeager.....	824,326	June 26	4137	885	122	2792
Window frame and sash. Metallic.....	M. Berwanger.....	833,727	Oct. 23	3461	739	124	2186

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Window-frame sill-brace. Metallic.	T. Lee	833,328	Oct. 16	2649	557	124	1948
Window-glass fastener.	J. A. Douglas	838,965	Dec. 18	3301	714	125	2254
Window gravity-lock.	W. A. Heartt	830,066	Sept. 4	314	63	124	77
Window gravity-lock.	W. A. Heartt	830,067	Sept. 4	317	63	124	78
Window gravity-lock.	W. A. Heartt	830,068	Sept. 4	318	64	124	78
Window hanger. Storm-	J. Neilson	834,928	Nov. 6	102	20	125	28
Window-lift	C. Michaelis	833,331	Oct. 16	2658	559	124	1950
Window-lifter	N. R. Evans	815,914	Mar. 20	3921	830	121	959
Window lifting and closing device.	C. Sommer	827,401	July 31	5540	1152	123	1462
Window-lock	E. Etzenhouser and R. L. Morss.	810,045	Jan. 16	2892	596	120	719
Window-lock	N. A. Kunzler	812,050	Feb. 6	1041	227	120	1701
Window-lock	C. V. Honecker and O. W. Klipple.	814,702	Mar. 13	1426	297	121	371
Window-lock	J. Killmeyer	816,337	Mar. 27	4793	1015	121	1199
Window lock and gravity-bolt.	A. H. Woodruff	815,669	Mar. 20	3384	707-8	121	846
Window-lock. Double automatic.	G. and J. A. Buttress	825,377	July 10	1383	291	123	378
Window-lock. Self-acting	J. I. Moss	824,567	June 26	4639	986	122	2899
Window-locking means	T. Lee	809,382	Jan. 9	1569	319	120	378
Window mechanism	M. P. Hennis	839,759	Dec. 25	4939	1054-5	125	2704
Window. Metallic.	C. A. McGinnis	818,703	Apr. 24	4319	926-7	121	2465
Window. Metallic.	C. H. Hopmann	830,323	Sept. 4	853	175-6	124	212
Window. Metallic.	W. J. Burton	835,598	Nov. 13	1439	308-9	125	408
Window operating and securing mechanism.	E. P. Sperry	823,195	June 12	1956	407	122	2204
Window or like screen.	C. C. Armstrong	825,952	July 17	2597	539	123	694
Window or sash operating device.	A. Black	839,056	Dec. 18	3475	750-1	125	2300
Window parting-strip.	C. W. Wright	829,748	Aug. 28	4217	894	123	2828
Window. Pivot-	L. M. Neabrey	833,795	Oct. 23	3603	770	124	2220
Window. Pivoted	O. A. Egan	828,102	Aug. 7	835	172	123	1877
Window-platform. Collapsible.	E. G. Raff	808,681	Jan. 2	110	26	120	27
Window-protector	G. Baier	810,604	Jan. 23	4093	842	120	1014
Window-retaining apparatus	G. H. Parker	814,317	Mar. 6	639	130	121	140
Window. Reversible	S. McAfee	812,070	Feb. 6	1073	234-5	120	1707
Window. Reversible	J. H. Parker	835,251	Nov. 6	757	158-9	125	192
Window roller-screen	M. C. Lockwood	832,490	Oct. 2	947	188	124	1440
Window-roller shield and curtain-pole support.	W. G. Campbell	828,457	Aug. 14	1545	326	123	2080
Window-screen.	S. F. Smith and S. S. Sweet	808,695	Jan. 2	137	32	120	32
Window-screen.	E. D. Segar	809,753	Jan. 9	2300	476	120	538
Window-screen.	E. E. Morrow	811,733	Feb. 6	369	81	120	1568
Window-screen.	H. W. Tuthill	811,974	Feb. 6	884	195	120	1669
Window-screen.	S. H. Garrett	812,490	Feb. 13	1952	430	120	1964
Window-screen.	C. C. Hirsch	812,654	Feb. 13	2282	496-7	120	2029
Window-screen.	E. T. Brown	812,813	Feb. 20	2584	567	120	2138
Window-screen.	D. W. Keith	812,850	Feb. 20	2657	552	120	2153
Window-screen.	J. W. Adams	817,461	Apr. 10	1828	383	121	1818
Window-screen.	A. Gregg	818,162	Apr. 17	3219	692	121	2176
Window-screen.	S. H. Garrett	819,750	May 8	1416	305	122	376
Window-screen.	G. D. Moncrief	820,233	May 8	2448	530	122	608
Window-screen.	H. E. Southworth	821,384	May 22	4827	1025	122	1253
Window-screen.	C. J. Whellams	822,227	May 29	6471	1373	122	1677
Window-screen.	G. Holden	822,948	June 12	1422	297	122	2084
Window-screen.	G. W. McFarland	823,737	June 19	3029	640	122	2493
Window-screen.	A. J. Dapron	824,288	June 26	4060	869	122	2776
Window-screen.	W. S. Hood	824,693	June 26	4891	1040	122	2952
Window-screen.	T. Landsberg	834,145	Oct. 23	4516	959	124	2446
Window-screen.	E. A. Reitz	834,407	Oct. 30	5057	1072	124	2625
Window-screen.	W. J. Baker	834,443	Oct. 30	5113	1085	124	2639
Window-screen.	M. M. Eldsmore	837,204	Nov. 27	4617	981	125	1272
Window-screen.	T. S. Smith	837,350	Dec. 4	148	37	125	1392
Window-screen.	R. Kersey	838,864	Dec. 18	3136	676	125	2218
Window-screen.	P. Eliezer	839,566	Dec. 25	4541	969	125	2606
Window-screen.	E. B. Crocker	839,732	Dec. 25	4879	1043	125	2687
Window-screen. Adjustable sliding.	J. C. Steiner	826,384	July 17	3420	709	123	896
Window-screen fastening	B. C. Rockwell	808,686	Jan. 2	120	28	120	29
Window-screen. Flexible.	J. Angeletti	819,396	May 1	733	156	122	167
Window-screen frame.	H. E. Pallady	813,234	Feb. 20	3421	754	120	2319
Window-screen. Metal.	A. H. Mix	810,962	Jan. 30	4810	1000	120	1205
Window-screen. Roller.	C. F. Barr	827,901	Aug. 7	400	86	123	1769
Window-screen. Rolling.	H. E. and W. H. Gilland	813,642	Feb. 27	4244	932	120	2558
Window-screen. Self-adjusting.	W. H. Sawvel	816,940	Apr. 3	789	162	121	1534
Window. Sheet-metal.	V. Ross	816,126	Mar. 27	4352	922	121	1105
Window. Show-	N. Fells	837,210	Nov. 27	4627	983	125	1274
Window-sill.	W. Corbett	819,041	May 1	12	4	122	6
Window. Sliding	W. J. D. Thompson and W. Bentley.	817,284	Apr. 10	1468	308	121	1741
Window-stop and burglar-alarm	G. H. Parker	814,314	Mar. 6	627	128-9	121	136
Window stop and guide. Metal-	V. Ross	816,041	Mar. 27	4175	885	121	1067
Window. Swinging.	G. H. Parker	814,315	Mar. 6	631	129	121	137
Window. Swinging.	G. H. Parker	814,316	Mar. 6	636	129-30	121	139
Window-ventilator.	A. A. Stephens	809,228	Jan. 2	1203	246	120	266
Window-ventilator.	G. W. Frohlich	809,500	Jan. 9	1813	373	120	433
Window-ventilator.	D. Schafer	812,238	Feb. 13	1464	321	120	1859
Window-ventilator.	W. A. Ralston	813,737	Feb. 27	4416	974	120	2594
Window-ventilator.	U. G. Russell	814,920	Mar. 13	1821	381	121	455
Window-ventilator.	S. B. Goman	830,829	Sept. 11	1894	396	124	508
Window-ventilator.	J. B. Haines	832,377	Oct. 2	719	139	124	1386
Window-ventilator.	D. N. Swift	833,260	Oct. 16	2512	525	124	1911
Window-ventilator.	J. Horsfield	837,302	Dec. 4	54	15	125	1367
Window-washer's platform.	C. N. Christofferson and J. F. Lindberg.	823,921	June 19	3374	720	122	2571
Window-washing device. Extensible.	W. H. Clarke	825,379	July 10	1387	292	123	379
Windows. Air-stop for.	W. A. Davis and W. H. Samelius.	808,640	Jan. 2	39	9	120	11
Windows. Mechanical moisture-wiper for show-	H. Reimers	828,245	Aug. 7	1082	228	123	1934
Windows of cabs and other vehicles. Means for raising and lowering	W. Lowe	824,731	July 3	62	13	123	20
Windows. Spring-bolt for	D. Wilde	821,390	May 22	4842	1028	122	1256
Windrower	L. Franzmeier	821,794	May 29	5649	1204	122	1490
Wire and insulator holder	A. J. Seguin and E. P. Gingras	821,062	May 22	4185	889	122	1110

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wire article.....	A. Haynes and J. F. Martin.....	820,716	May 15	3410	729	122	878
Wire. Automatic wiper for freshly-galvanized.....	W. S. Myers.....	832,691	Oct. 9	1358	275	124	1579
Wire-barbing machine.....	S. Swanburn.....	832,512	Oct. 2	981	196-7	124	1448
Wire basket.....	M. E. Johnson.....	813,499	Feb. 27	3966	870	120	2497
Wire bending and twisting machine.....	A. Kent and R. Orr.....	811,565	Feb. 6	55	12	120	1496
Wire-bending machine.....	R. E. Ackley.....	812,779	Feb. 13	2510	552	120	2075
Wire bracket-frame.....	H. L. Bradley.....	832,234	Oct. 2	447	83	124	1321
Wire-carrier.....	F. L. Sessions.....	809,226	Jan. 2	1200	245	120	265
Wire choker-trap.....	W. W. Williams.....	822,225	May 29	6473	1373	122	1677
Wire-clamp.....	D. C. Smith.....	815,871	Mar. 20	3840	814	121	941
Wire-clamp. Resilient.....	J. A. Reising.....	817,588	Apr. 10	2067	435	121	1867
Wire-coiling machine.....	F. Teute.....	833,650	Oct. 16	3316	705	124	2106
Wire-coiling machine.....	E. A. Page.....	818,463	Apr. 24	3810	819	121	2355
Wire-coiling machine.....	O. H. Watkins.....	828,156	Aug. 7	918	188-9	123	1896
Wire-coiling tool.....	O. A. Gant.....	821,162	May 22	4376	931	122	1153
Wire-connector.....	C. L. Peirce, Jr.....	826,687	July 24	4092	849	123	1088
Wire-connector.....	W. F. Dawson.....	835,406	Nov. 6	1076	231	125	272
Wire-coupling.....	A. Oskamp.....	834,844	Oct. 30	5925	1257	124	2845
Wire-coupling device.....	F. J. Brady.....	828,182	Aug. 7	976	202	123	1910
Wire-cutting machine.....	S. P. Smurr and J. F. Kamen.....	825,942	July 17	2577	535-6	123	688
Wire-cutting machine.....	J. M. Dean.....	839,121	Dec. 25	3644	786	125	2387
Wire. Device for handling and holding barbed.....	C. H. Sines.....	831,246	Sept. 18	2709	571	124	735
Wire-drawing devices. Gripping means for.....	H. L. Thompson.....	811,107	Jan. 30	5060	1058	120	1259
Wire-drawing dies. Machine for forming.....	J. A. Horton.....	824,866	July 3	372	71	123	102
Wire-drawing drum.....	J. A. Horton. (Reissue).....	12,525	Aug. 28	4669	979	123	2942
Wire-drawing drum.....	J. A. Horton.....	831,869	Sept. 25	3977	831	124	1097
Wire-drawing machine.....	R. Lorenz.....	817,979	Apr. 17	2853	618	121	2097
Wire-drawing machine.....	J. A. Horton.....	824,654	June 26	4805	1024-5	122	2935
Wire-drawing machine.....	J. A. Horton.....	824,655	June 26	4810	1025-6	122	2936
Wire-drawing machine.....	J. A. Horton.....	827,019	July 24	4719	984	123	1242
Wire-drawing machine.....	J. A. Horton.....	827,371	July 31	5473	1137-8	123	1444
Wire-drawing machine.....	J. M. Henderson.....	827,975	Aug. 7	562	115	123	1811
Wire-fabric machine.....	J. W. Snedeker.....	823,193	June 12	1947	402-6	122	2202
Wire-fabric machine. Coiled.....	W. J. Pine.....	825,415	July 10	1461	306-9	123	397
Wire-fabric-making machine.....	W. N. Parrish.....	816,034	Mar. 27	4159	880-1	121	1064
Wire-fabric-making machine.....	G. A. Raymond.....	839,033	Dec. 18	3431	741-2	125	2288
Wire fabrics or gauze. Loom for.....	E. Hollingworth.....	811,847	Feb. 6	594	129	120	1610
Wire-fastener.....	C. W. Roush.....	818,977	Apr. 24	4854	1043	121	2581
Wire feeding and measuring device.....	E. J. Bowerfind.....	829,624	Aug. 28	3964	839	123	2767
Wire-fence machines. Steering and brake mechanism for.....	C. F. Leonard.....	827,695	July 31	6247	1297	123	1641
Wire-finishing tool.....	E. M. Lang, Jr.....	812,754	Feb. 13	2466	541	120	2066
Wire-frame machine.....	A. Velleman.....	830,264	Sept. 4	743	152-3	124	187
Wire-frame machine.....	A. Velleman.....	830,265	Sept. 4	747	153	124	188
Wire-gage.....	J. G. Callan.....	824,064	June 19	3648	776-7	122	2629
Wire-galvanizing apparatus.....	G. L. Meaker.....	830,093	Sept. 4	369	74-5	124	90
Wire-goods. Machine for making.....	J. C. Perry.....	814,392	Mar. 6	795	160-5	121	176
Wire-goods-making machine.....	J. C. Perry.....	813,823	Feb. 27	4585	1014-19	120	2630
Wire-goods-making machine.....	H. L. Smith.....	830,018	Sept. 4	209	39-41	124	52
Wire-hoop-lock-forming device.....	H. S. Smith.....	823,556	June 19	2697	570	122	2421
Wire lock.....	A. M. Keeney.....	812,928	Feb. 20	2812	619	120	2189
Wire. Machine for applying coverings to.....	J. A. Heany.....	825,123	July 3	860	178-9	123	228
Wire. Machine for applying coverings to.....	J. A. Heany.....	825,125	July 3	865	181	123	229
Wire. Machine for feeding and applying flocculent materials to.....	J. A. Heany.....	825,124	July 3	863	180-1	123	228
Wire or bands of iron or steel. Manufacturing flat.....	F. Forsberg.....	838,781	Dec. 18	2986	643	125	2180
Wire receptacles. Apparatus for making open-work.....	C. von Azary.....	811,357	Jan. 30	5569	1162	120	1368
Wire-reel.....	W. E. Eichhoff.....	818,878	Apr. 24	4665	1001	121	2539
Wire-reel.....	W. E. Eichhoff.....	824,290	June 26	4072	871	122	2778
Wire-reel.....	A. Asper.....	827,598	July 31	6009	1250-1	123	1574
Wire-reeling machine.....	F. D. Lingenfelter.....	830,239	Sept. 4	682	137	124	172
Wire-reeling truck.....	E. H. Jacox.....	817,248	Apr. 10	1393	294	121	1727
Wire-rope protector.....	H. Downs and W. C. Wally.....	812,413	Feb. 13	1816	398	120	1935
Wire screen.....	J. M. Stewart.....	817,680	Apr. 10	2220	475	121	1900
Wire-splicer.....	D. C. Smith.....	815,754	Mar. 20	3590	755	121	890
Wire-splicer.....	D. C. Smith.....	815,755	Mar. 20	3592	755	121	890
Wire-splicing tool.....	W. H. McCloud.....	812,552	July 31	5932	1230	123	1556
Wire-stay.....	L. G. Lease.....	812,053	Feb. 6	1045	228	120	1702
Wire straightening and cutting machine.....	G. W. Wood.....	826,077	July 17	2849	591	123	759
Wire straightening and cutting machine.....	F. B. Shuster.....	833,758	Oct. 23	3516	750-1	124	2200
Wire straightening and cutting-off machine.....	F. B. Shuster.....	809,636	Jan. 9	2082	432-3	120	488
Wire strainer.....	T. F. Locke.....	836,591	Nov. 20	3343	712	125	923
Wire straining apparatus.....	W. Nepean-Hutchison.....	839,311	Dec. 25	4021	864	125	2479
Wire-stretcher.....	D. K. Kirkland.....	808,759	Jan. 2	272	59	120	62
Wire-stretcher.....	Z. A. Curtis.....	809,096	Jan. 2	955	198-9	120	211
Wire-stretcher.....	S. Armes.....	809,767	Jan. 9	2330	482	120	544
Wire-stretcher.....	J. Herrmann and C. Schwaner.....	809,949	Jan. 16	2683	554	120	675
Wire-stretcher.....	L. Swanke.....	810,003	Jan. 16	2790	576	120	698
Wire-stretcher.....	B. Marky.....	810,659	Jan. 23	4191	866	120	1037
Wire-stretcher.....	C. E. Crosby.....	810,724	Jan. 23	4307	895	120	1062
Wire-stretcher.....	C. R. McPherson.....	810,795	Jan. 23	4449	923	120	1093
Wire-stretcher.....	A. A. Smith.....	811,254	Jan. 30	5376	1122	120	1328
Wire-stretcher.....	K. Cunningham.....	812,981	Feb. 20	2921	643	120	2212
Wire-stretcher.....	W. McNames.....	813,574	Feb. 27	4121	903	120	2531
Wire-stretcher.....	J. S. and R. A. Snyder.....	813,837	Feb. 27	4635	1025	120	2642
Wire-stretcher.....	F. H. Carter.....	813,859	Feb. 27	4679	1034	120	2651
Wire-stretcher.....	G. W. Riker.....	817,190	Apr. 10	1276	265	121	1702
Wire-stretcher.....	F. L. Feist.....	817,907	Apr. 17	2716	589	121	2065
Wire-stretcher.....	G. W. Holmes.....	818,379	Apr. 17	3649	783	121	2265
Wire-stretcher.....	A. A. and W. B. Kemp.....	820,578	May 15	3159	680	122	825
Wire-stretcher.....	A. A. Smith. (Reissue).....	12,484	May 22	5244	1118	122	1342
Wire-stretcher.....	J. A. Tygart.....	823,087	June 12	1732	357	122	2153
Wire-stretcher.....	J. A. Hoyt.....	824,120	June 26	3737	798	122	2707
Wire-stretcher.....	I. B. Lowry and F. L. Arters.....	824,556	June 26	4623	982	122	2895
Wire-stretcher.....	J. T. Wright.....	826,006	July 17	2708	560	123	725
Wire-stretcher.....	W. H. Culp.....	827,085	July 31	4885	1018	123	1297

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wire-stretcher.	F. A. Woodhams.	828,362	Aug. 14	1360	287	123	2032
Wire-stretcher.	C. W. Hudson.	828,819	Aug. 14	2246	478	123	2260
Wire-stretcher.	W. J. Lindley.	828,820	Aug. 14	2247	478	123	2260
Wire-stretcher.	H. L. Wyeth.	829,823	Aug. 28	4377	924	123	2869
Wire-stretcher.	C. A. Miller.	830,797	Sept. 11	1834	381	124	492
Wire-stretcher.	S. H. Thompson.	830,854	Sept. 11	1942	408	124	521
Wire-stretcher.	G. E. Phillips.	831,741	Sept. 25	3716	777	124	1034
Wire-stretcher.	R. Burnham.	831,827	Sept. 25	3881	813	124	1074
Wire-stretcher.	R. D. Neel.	832,337	Oct. 2	645	123	124	1368
Wire-stretcher.	H. C. Werner.	833,142	Oct. 9	2245	473	124	1798
Wire-stretcher.	A. B. Agnor.	833,145	Oct. 16	2267	476	124	1849
Wire-stretcher.	M. Harper.	833,324	Oct. 16	2641	555	124	1946
Wire-stretcher.	J. B. Adams, Jr.	834,237	Oct. 30	4715	999	124	2541
Wire-stretcher.	T. A. Haldeman.	834,295	Oct. 30	4835	1022	124	2570
Wire-stretcher.	J. Passmore.	834,534	Oct. 30	5277	1121	124	2683
Wire-stretcher.	A. J. Wilson.	834,599	Oct. 30	5408	1147	124	2714
Wire-stretcher.	W. Ellis.	834,793	Oct. 30	5818	1235	124	2818
Wire-stretcher.	H. Paden.	835,080	Nov. 6	422	84	125	112
Wire-stretcher.	J. H. Lee.	835,961	Nov. 13	2098	449	125	567
Wire-stretcher.	L. Moore.	836,125	Nov. 20	2420	511	125	699
Wire-stretcher.	J. H. Heisey.	836,379	Nov. 20	2933	622	125	824
Wire-stretcher.	C. D. P. Hayercraft.	836,445	Nov. 20	3086	654	125	859
Wire-stretcher.	J. W. Acton.	837,447	Dec. 4	343	81	125	1441
Wire-stretcher.	O. T. Shipp.	838,059	Dec. 11	1555	333	125	1785
Wire-stretcher.	W. P. Chisholm.	838,079	Dec. 11	1609	346-7	125	1798
Wire-stretcher.	J. F. Scott and A. B. Curtis.	838,142	Dec. 11	1753	376	125	1835
Wire-stretcher.	H. Waller.	838,481	Dec. 11	2405	522	125	1994
Wire-stretcher.	R. A. Bradshaw.	838,680	Dec. 18	2801	601	125	2135
Wire-stretcher and holder.	F. Hiniker and R. B. Beckwith.	829,010	Aug. 21	2632	555	123	2387
Wire-stretcher and splicer. Combined.	A. and C. A. Church.	816,298	Mar. 27	4684	995	121	1177
Wire-stretcher and stringer.	W. F. Myers.	809,721	Jan. 9	2247	466	120	526
Wire-stretcher. Woven.	W. Cue.	814,024	Mar. 6	48	9	121	13
Wire-stretching device.	W. Broad.	812,401	Feb. 13	1796	393	120	1931
Wire-supporting arm.	K. Nurlan.	839,412	Dec. 25	4222	904	125	2528
Wire-tapering cylinders. Apparatus for preparing.	H. Farrington.	832,304	Oct. 2	583	110	124	1354
Wire tension and measuring device.	J. W. Snedeker.	839,219	Dec. 25	3854	828-9	125	2438
Wire-tensioning device.	J. Kelley.	836,977	Nov. 27	4166	888	125	1161
Wire-terminal.	F. T. Lockwood.	838,729	Dec. 18	2878	619	125	2154
Wire-tie.	A. J. Baker.	826,704	July 24	4130	857	123	1097
Wire-tightener.	I. U. Campbell.	823,666	June 19	2910	615	122	2470
Wire-tightener.	I. U. Campbell.	828,382	Aug. 14	1390	293	123	2040
Wire-tightener.	L. G. Dunn.	830,978	Sept. 11	2154	456	124	571
Wire-tightener.	E. P. Dubrule.	837,549	Dec. 4	530	123	125	1487
Wire. Trellis.	H. L. Paththey.	831,983	Sept. 25	4208	878	124	1157
Wire-twisting implement.	J. Betz, J. and H. Wampach.	828,015	Aug. 7	652	133	123	1832
Wire-winding machine.	M. E. Layne.	820,507	May 15	3020	649-50	122	794
Wire-working die.	S. E. Jackson and E. B. Lee.	817,570	Apr. 10	2037	429	121	1860
Wire-working machine.	O. H. Watkins and C. F. Skellenger.	819,479	May 1	884	193-4	122	198
Wire-working machine.	O. H. Watkins and C. F. Skellenger.	819,622	May 1	1141	252	122	257
Wire-working machine.	O. H. Watkins and C. F. Skellenger.	819,623	May 1	1148	253	122	258
Wire-working tool.	T. J. Baugh.	810,837	Jan. 23	4509	939	120	1106
Wire-working tool.	G. S. Majors.	811,567	Feb. 6	64	13	120	1499
Wire-working tool.	D. L. McKinney and G. W. Henderson.	819,304	May 1	546	116	122	126
Wire-working tool.	W. A. Fuller.	838,706	Dec. 18	2842	611	125	2146
Wire-working tool. Combination.	A. M. McLeran.	831,676	Sept. 25	3601	755	124	1004
Wire-wrapping machine.	A. G. Champlin.	824,171	June 26	3841	820	122	2729
Wires. Cross-arm for carrying high-tension.	E. E. P. Petery.	809,743	Jan. 9	2284	473	120	535
Wires. Dies for tying intersecting.	O. S. Sturtevant.	814,885	Mar. 13	1766	370	121	444
Wires. Dies for tying intersecting.	E. J. Bowerman.	826,829	July 24	4351	906	123	1153
Wires. Lock for cross.	M. S. Anderson.	819,968	May 8	1899	420	122	484
Wires. Lock for crossed.	E. T. Pocklington.	809,395	Jan. 9	1605	325	120	386
Wires, ropes, and cables. Pulling-head for.	W. D. Scott.	832,343	Oct. 2	660	126	124	1371
Wireless and other transmissions. Receiver and recorder for.	F. E. Gallagher.	808,832	Jan. 2	409	90	120	91
Wiring or beading. Collapsible die for.	L. Baurath.	810,023	Jan. 16	2836	586	120	706
Wood and producing the same. Treated.	S. B. Chapman.	839,551	Dec. 25	4514	.....	125	2599
Wood articles. Machine for shaping.	J. H. Neville.	816,030	Mar. 27	4153	879	121	1062
Wood-bending machine.	W. P. Brown.	829,838	Aug. 28	4406	929-30	123	2875
Wood-boring braces. Attachment for.	D. B. Yoder.	813,070	Feb. 20	3102	679-80	120	2252
Wood-boring machine.	H. Bible and L. A. Robinson.	815,256	Mar. 13	2519	525	121	608
Wood. Changing.	F. Voigt.	839,680	Dec. 25	4771	1020	125	2661
Wood cleaning and polishing device.	J. W. and H. F. Plummer.	837,115	Nov. 27	4456	946	125	1233
Wood-clip.	G. F. Martin.	817,432	Apr. 10	1763	370	121	1804
Wood, &c. Compound for preserving.	L. H. Gaskill.	836,316	Nov. 20	2819	.....	125	799
Wood-conveyer.	G. G. Hughes.	808,926	Jan. 2	601	132	120	132
Wood-cutting machine.	W. Merrill.	817,382	Apr. 10	1646	349	121	1780
Wood-decorating implement.	R. A. Culver.	811,386	Jan. 30	5621	1176	120	1380
Wood-embossing machine.	J. J. Powell.	821,737	May 29	5530	1179	122	1462
Wood. Extracting products from resinous.	C. B. Darrin.	839,119	Dec. 25	3642	785	125	2386
Wood-filler.	F. J. Hubley.	814,847	Mar. 13	1704	.....	121	430
Wood-grinder.	T. H. Savery.	813,834	Feb. 27	4630	1024	120	2641
Wood-grinder.	J. Moravce.	825,925	July 17	2537	528	123	677
Wood impregnation.	C. B. Lowry.	831,450	Sept. 18	3101	.....	124	834
Wood or other material. Decorating.	E. G. Adames.	817,608	Apr. 10	2101	444	121	1874
Wood or substitute material. Artificial.	J. Læufer.	818,883	Apr. 24	4585	.....	121	2523
Wood-ornamenting dies.	E. C. Dittmar.	838,391	Dec. 11	2240	484	125	1953
Wood-ornamenting machine.	W. H. Broadway.	824,277	June 26	4044	866	122	2773
Wood. Preserving.	J. B. Card.	815,404	Mar. 20	2888	601	121	736
Wood. Preserving.	J. T. Logan.	831,793	Sept. 25	3811	798	124	1059
Wood. Removing sap, &c., from.	J. W. Geibel.	825,819	July 10	2347	489	123	618
Wood-scraping tool.	G. D. Smith.	814,404	Mar. 6	830	171	121	181

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wood-shaping machine.....	S. Hopferwieser.....	835,242	Nov. 6	739	154	125	187
Wood-slicing machine.....	T. B. Fitts.....	835,156	Nov. 6	567	115	125	144
Wood spools, cores, &c. Machine for roughing.....	H. J. Duncan.....	811,281	Jan. 30	5427	1131-2	120	1339
Wood-turning machine.....	P. W. Waltz.....	817,943	Apr. 17	2791	604	121	2083
Wooden blocks to thickness. Machine for dressing.....	H. P. Hamilton and J. Hamacheck.....	833,163	Oct. 16	2297	482	124	1857
Wooden dishes. Machine for cutting.....	J. E. Tuttle and J. MacLean.....	811,004	Jan. 30	4883	1017-19	120	1221
Wooden handles. Straightening.....	J. W. Maxey.....	812,350	Feb. 13	1685		120	1910
Wooden plate. Compound.....	H. Buyten.....	823,843	June 19	3231	683	122	2540
Wooden-spoke wheel.....	T. Gare.....	820,923	May 15	3873	825	122	981
Woodworker's clamp.....	J. E. Hillebrandt.....	828,113	Aug. 7	854	175	123	1881
Woodworking-clamp.....	C. Gustaveson.....	816,011	Mar. 27	4111	870	121	1053
Woodworking-machine.....	J. Buffelen.....	809,552	Jan. 9	1905	395-6	120	451
Woodworking-machine.....	O. C. Wysong.....	812,317	Feb. 13	1630	358-9	120	1897
Woodworking-machine.....	F. Diehl.....	816,079	Mar. 27	4267	904	121	1087
Woodworking-machine.....	B. A. Lange.....	819,033	Apr. 24	4970	1065-6	121	2608
Woodworking-machine.....	E. W. Lucas.....	823,952	June 19	3437	734	122	2585
Woodworking-machine.....	E. S. Berry.....	835,347	Nov. 6	946	201-2	125	239
Woodworking-machine.....	L. Zeigler, Sr.....	839,691	Dec. 25	4797	1025	125	2669
Woodworking-machine rotary cutter.....	A. W. Nelson.....	828,958	Aug. 21	2530	536	123	2362
Woodworking-machines. Combined presser-foot and guard for.....	H. H. Steer.....	822,636	June 5	819	166-7	122	1908
Woodworking machinery. Cutter-guard for.....	G. B. Bartholomew.....	826,465	July 17	3574	744	123	935
Woodworking machinery. Feeding device for.....	J. R. Thomas.....	831,577	Sept. 25	3366	708	124	938
Woodworking machinery. Feeding device for.....	J. R. Thomas.....	833,858	Oct. 23	3755	798	124	2260
Woodworking mechanism.....	T. W. Lovatt and C. Purser.....	823,342	June 12	2255	470-1	122	2269
Woodworking-tool.....	M. Enright.....	823,592	June 19	2757	554	122	2434
Woodworking-tool.....	C. W. Justus.....	832,736	Oct. 9	1442	291	124	1600
Wool. Apparatus for the extraction of grease from.....	A. H. Burt, H. Jackson, and C. A. Finch.....	829,763	Aug. 28	4244	899	123	2836
Wool. Detergent for scouring.....	S. Wohle.....	818,648	Apr. 24	4211		121	2442
Wool. Extraction of grease from.....	A. H. Burt, H. Jackson, and C. A. Finch.....	829,764	Aug. 28	4247	900	123	2836
Wool-scouring machine.....	J. H. Tillinghast.....	821,139	May 22	4340	923	122	1145
Wool-scouring machine.....	T. A. Jones.....	822,954	June 12	1440	300	122	2088
Wool-treating device.....	T. F. Johnson.....	824,121	June 26	3739	798	122	2707
Wool-washing machine.....	J. D. Hunter.....	838,998	Dec. 18	3368	727	125	2271
Work-holder.....	J. W. Spence.....	812,960	Feb. 20	2886	637	120	2205
Work-holding attachment.....	A. Fertig and R. T. Knoll.....	814,366	Mar. 6	745	150	121	105
Work-stand.....	W. H. Commons.....	815,067	Mar. 13	2130	449	121	520
Work-table.....	P. Guttenberg and J. Németh.....	836,879	Nov. 27	3955	844-5	125	1114
Worsted-balling machine. Automatic.....	G. J. Torrance.....	827,332	July 31	5403	1123	123	1428
Wort. Fermenting.....	H. A. Schalk.....	831,748	Sept. 25	3725	779	124	1036
Wort. Treating and aging.....	H. E. Deckebach.....	830,576	Sept. 11	1390	287	124	373
Woven fabric.....	T. B. Dorman.....	808,976	Jan. 2	709	154	120	156
Woven fabric.....	G. C. Moore.....	820,515	May 15	3040	654	122	799
Woven fabric.....	H. Sarafian.....	820,825	May 15	3650	779	122	931
Woven fabric.....	H. W. Smith.....	820,994	May 22	4048	860	122	1080
Woven fabric.....	W. M. Stevenson.....	821,441	May 22	4951	1052	122	1280
Woven fabric.....	W. T. Smith.....	824,448	June 26	4396	935	122	2844
Woven fabric.....	W. T. Smith.....	825,163	July 3	944	200	123	248
Woven fabric.....	W. M. Stevenson.....	828,784	Aug. 14	2184	461	123	2243
Woven fabric. Elastic.....	H. T. Sykes.....	817,019	Apr. 3	947	194	121	1569
Woven fabric. Multicolorous.....	J. Szczepanik.....	824,158	June 26	3819		122	2725
Wrapper for salesmen's slips, &c.....	J. H. Rand.....	815,214	Mar. 13	2451	511	121	594
Wrapper-transferring mechanism.....	F. L. Herrington and H. Knight.....	808,745	Jan. 2	249	54	120	57
Wrappers to magazines, books, and the like. Machine for applying.....	B. W. Tucker.....	808,956	Jan. 2	669	145-7	120	148
Wrapping-machine.....	M. H. Ballard.....	812,912	Feb. 20	2774	610-11	120	2180
Wrapping-machine.....	A. Stearns and P. H. MacCorquodale.....	818,572	Apr. 24	4043	867-8	121	2404
Wrapping-machine.....	J. Pfeifer.....	821,375	May 22	4804	1020-1	122	1248
Wrapping-machine.....	M. H. Ballard.....	827,285	July 31	5308	1100	123	1404
Wrapping-machine.....	T. Adams, Sr.....	829,684	Aug. 28	4075	863-7	123	2795
Wrapping-machine.....	E. Fidell.....	833,451	Oct. 16	2909	617-20	124	2012
Wrapping-machine.....	T. L. Camp.....	836,241	Nov. 20	2656	560-8	125	757
Wrapping-machine.....	J. P. Wright.....	836,728	Nov. 27	3651	778-80	125	1033
Wrapping-machine. Package.....	E. J. Tierney and P. Funck.....	810,005	Jan. 16	2792	576-8	120	698
Wrapping machine. Package.....	F. M. Peters and H. H. Hungerford.....	838,269	Dec. 11	2011	430-4	125	1897
Wrapping machine. Pamphlet, &c.....	E. Scott.....	828,630	Aug. 14	1881	396	123	2167
Wrapping or bundling purposes. Device for supporting and delivering paper for.....	R. H. Chase.....	830,206	Sept. 4	624	126	124	159
Wrapping or packing small articles. Machine for.....	A. Anitua.....	832,766	Oct. 9	1501	302-4	124	1615
Wrench:							
See Adjustable wrench. Pipe-wrench.							
Chain wrench. Quick-acting wrench.							
Hub-wrench. Radiator-valve union							
Instantaneous wrench. nipple-wrench.							
Jar-wrench. Ratchet-wrench.							
Jar-top wrench. Screw-wrench.							
Monkey-wrench. Spanner-wrench.							
Monkey and pipe Tap and nut wrench.							
wrench. Vehicle-wrench.							
Nut-wrench.							
Wrench.....	H. T. Thompson.....	808,954	Jan. 2	654	143	120	144
Wrench.....	A. W. Parfitt.....	809,838	Jan. 9	2454	510	120	572
Wrench.....	F. M. Straube.....	809,858	Jan. 6	2491	518	120	581
Wrench.....	M. M. Le May.....	810,288	Jan. 16	3398	703	120	825
Wrench.....	E. K. Ansorge.....	810,599	Jan. 23	4078	840	120	1011
Wrench.....	P. Kones.....	810,657	Jan. 23	4188	865	120	1036
Wrench.....	M. M. Howland.....	811,224	Jan. 30	5318	1111	120	1315
Wrench.....	B. R. Waggy.....	811,461	Jan. 30	5749	1204	120	1405
Wrench.....	P. T. Petersson.....	811,741	Feb. 6	383	84	120	1570
Wrench.....	W. Webb and W. W. Hildreth.....	811,885	Feb. 6	674	147	120	1628

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Wrench.....	D. Braxton.....	812,008	Feb. 6	971	212	120	1687
Wrench.....	I. Weisnek.....	812,538	Feb. 13	2051	450	120	1985
Wrench.....	N. Delisle.....	812,551	Feb. 13	2097	460	120	1994
Wrench.....	E. Axford.....	813,686	Feb. 27	4327	952	120	2575
Wrench.....	J. A. Barton.....	813,850	Feb. 27	4655	1029	120	2646
Wrench.....	J. W. Hielscher and W. F. Stand- ley.....	813,892	Feb. 27	4738	1047	120	2664
Wrench.....	M. E. Griswold.....	814,201	Mar. 6	386	78	121	85
Wrench.....	G. W. Austin.....	814,343	Mar. 6	704	141-2	121	155
Wrench.....	J. F. Tiner.....	814,575	Mar. 6	1150	240	121	249
Wrench.....	W. D. Garrard.....	815,156	Mar. 13	2322	486	121	563
Wrench.....	W. C. Lott.....	815,446	Mar. 20	2966	617	121	754
Wrench.....	J. A. Smith.....	815,872	Mar. 20	3843	814	121	941
Wrench.....	S. E. Coffman.....	816,151	Mar. 27	4404	931	121	1117
Wrench.....	C. C. Dotson.....	816,157	Mar. 27	4418	935	121	1119
Wrench.....	J. G. Wilson.....	816,203	Mar. 27	4507	956	121	1138
Wrench.....	W. H. Clafin.....	816,434	Mar. 27	4994	1060	121	1241
Wrench.....	W. H. Zachary.....	817,213	Apr. 10	1323	276	121	1712
Wrench.....	H. C. Land.....	817,327	Apr. 10	1543	324	121	1757
Wrench.....	H. M. Clark.....	817,468	Apr. 10	1842	386	121	1820
Wrench.....	M. J. McGinn.....	817,506	Apr. 10	1914	402	121	1836
Wrench.....	W. H. Floto.....	817,701	Apr. 10	2252	484	121	1906
Wrench.....	A. Hayes.....	817,709	Apr. 10	2267	488	121	1909
Wrench.....	E. A. Hardison.....	818,025	Apr. 17	2950	637	121	2118
Wrench.....	J. R. Long.....	818,180	Apr. 17	3262	699	121	2185
Wrench.....	G. H. Strickland.....	818,310	Apr. 17	3518	755	121	2238
Wrench.....	S. N. Hall.....	818,371	Apr. 17	3626	778	121	2261
Wrench.....	W. F. O'Neill.....	818,909	Apr. 24	4720	1012	121	2552
Wrench.....	L. T. Wever.....	819,192	May 1	303	65	122	75
Wrench.....	C. H. Noyes.....	819,246	May 1	425	89	122	100
Wrench.....	W. K. Stewart and F. Mowrey.....	819,614	May 1	1126	249	122	253
Wrench.....	J. W. Lanham.....	820,651	May 15	3276	704	122	849
Wrench.....	H. R. Smith.....	821,438	May 22	4947	1051	122	1279
Wrench.....	J. T. Urbach.....	822,790	June 5	1101	228	122	1969
Wrench.....	C. Liaci.....	822,962	June 12	1451	302	122	2091
Wrench.....	D. L. Booker.....	823,155	June 12	1864	385	122	2181
Wrench.....	W. H. Glover.....	823,166	June 12	1889	389	122	2188
Wrench.....	B. E. Kline.....	823,177	June 12	1908	393	122	2192
Wrench.....	J. D. Ryan.....	823,367	June 12	2299	481	122	2277
Wrench.....	W. Buhl.....	823,390	June 12	2332	489	122	2284
Wrench.....	T. W. Jester.....	823,870	June 19	3278	695	122	2551
Wrench.....	H. L. Reynolds.....	824,081	June 19	3678	782	122	2635
Wrench.....	H. L. Reynolds.....	824,082	June 19	3679	783	122	2635
Wrench.....	J. W. B. Turk.....	824,267	June 26	4032	863	122	2770
Wrench.....	P. Matusak and G. Slaine.....	824,499	June 26	4500	954	122	2869
Wrench.....	L. Maier.....	824,558	June 26	4625	983	122	2869
Wrench.....	J. Merckens.....	825,401	July 10	1434	299	123	391
Wrench.....	G. E. Dornon.....	825,525	July 10	1729	364	123	465
Wrench.....	J. C. Hackett.....	825,720	July 10	2166	452	123	574
Wrench.....	F. Williams and J. Davis.....	825,874	July 10	2447	510	123	642
Wrench.....	A. H. De Groff.....	826,153	July 17	2981	620	123	791
Wrench.....	C. C. Bull.....	826,401	July 17	3448	716	123	902
Wrench.....	W. I. Measer.....	827,250	July 31	5241	1088	123	1389
Wrench.....	H. B. Shaver.....	827,672	July 31	6192	1286	123	1625
Wrench.....	B. F. Arbour.....	828,174	Aug. 7	957	197	123	1905
Wrench.....	F. Evans.....	828,277	Aug. 7	1153	242	123	1951
Wrench.....	J. F. Sullivan.....	828,440	Aug. 14	1507	317	123	2069
Wrench.....	F. McMillan.....	829,283	Aug. 21	3224	679	123	2538
Wrench.....	E. Vuillemot.....	829,612	Aug. 28	3937	833	123	2760
Wrench.....	G. W. Rowell.....	829,672	Aug. 28	4051	858	123	2789
Wrench.....	J. Christian and C. E. Wetzel.....	830,300	Sept. 4	809	166	124	203
Wrench.....	J. H. Shepherd.....	830,619	Sept. 11	1471	304	124	394
Wrench.....	J. A. Holton.....	830,999	Sept. 11	2195	464	124	581
Wrench.....	J. K. Hord.....	831,162	Sept. 18	2547	537	124	695
Wrench.....	B. Charnock.....	831,264	Sept. 18	2755	580	124	747
Wrench.....	F. J. Holton and D. Holmgren.....	831,555	Sept. 25	3326	698	124	928
Wrench.....	S. E. Thomas.....	832,098	Oct. 2	140	30	124	1246
Wrench.....	J. F. Dickason.....	832,367	Oct. 2	695	134	124	1380
Wrench.....	H. S. Worden.....	832,440	Oct. 2	849	164	124	1417
Wrench.....	W. A. Beason.....	833,865	Oct. 23	3779	803	124	2266
Wrench.....	J. Anderson.....	834,242	Oct. 30	4727	1000	124	2542
Wrench.....	J. MacLean.....	834,312	Oct. 30	4862	1027	124	2576
Wrench.....	J. B. M. Winburn.....	834,545	Oct. 30	5294	1125	124	2687
Wrench.....	A. Lovell.....	834,741	Oct. 30	5689	1207	124	2787
Wrench.....	J. Hartigan.....	834,799	Oct. 30	5829	1237	124	2821
Wrench.....	H. F. Hoffmann.....	834,807	Oct. 30	5844	1239	124	2825
Wrench.....	A. Riddle.....	835,034	Nov. 6	316	67	125	81
Wrench.....	H. C. Land.....	835,071	Nov. 6	401	82	125	105
Wrench.....	O. Regnell.....	835,254	Nov. 6	762	159	125	193
Wrench.....	C. B. Lowry and R. Bernhard.....	835,448	Nov. 6	1150	248	125	289
Wrench.....	B. Tindall.....	835,990	Nov. 13	2140	459	125	576
Wrench.....	S. B. Cochran.....	836,437	Nov. 20	3066	650	125	855
Wrench.....	C. L. Fortin.....	836,571	Nov. 20	3312	705	125	914
Wrench.....	J. H. Holman.....	837,225	Nov. 27	4653	988	125	1281
Wrench.....	M. Wenger.....	837,254	Nov. 27	4717	999	125	1296
Wrench.....	W. A. Allen.....	837,272	Dec. 4	4	1	125	1356
Wrench.....	F. A. Garland.....	838,099	Dec. 11	1649	355	125	1810
Wrench.....	W. H. Dennison.....	838,173	Dec. 11	1815	388	125	1852
Wrench.....	D. E. Rowland.....	838,214	Dec. 11	1892	406	125	1869
Wrench.....	W. Edwards.....	838,777	Dec. 18	2977	642	125	2178
Wrench.....	C. L. Brooks.....	839,102	Dec. 25	3610	780	125	2377
Wrench.....	S. H. Miller.....	839,614	Dec. 25	4626	987	125	2627
Wrench.....	M. Hoplier and T. Geese.....	839,762	Dec. 25	4945	1056	125	2705
Wrench and analogous article.....	O. A. Lane.....	809,962	Jan. 16	2713	558-9	120	680
Wrench and bit stock. Combined.....	P. L. Sweeney and L. C. Jahn.....	819,817	May 8	1565	332	122	413
Wrench and thread-retracing tool. Combined.....	J. Merckens.....	828,859	Aug. 14	2324	494	123	2278

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr't	Vol.	Page.
Wrench or spanner.....	C. A. Hunton.....	838,414	Dec. 11	2284	494-5	125	1965
Wringer:							
<i>See</i> Mop-wringer.							
Wringer. Folding.....	H. G. Burrows.....	838,166	Dec. 11	1798	386	125	1846
Wringer-holder and washtub-protector.....	V. Kempf.....	818,894	Apr. 24	4690	1006	121	2545
Wrist.....	H. C. Truesdell.....	825,250	July 3	1114	236	123	290
Wristlet.....	W. E. Wolff.....	815,998	Mar. 27	4075	863	121	1043
Writer's hand-support.....	M. Lally.....	839,159	Dec. 25	3726	804	125	2409
Writing-case. Pocket.....	P. F. Richter.....	839,201	Dec. 25	3816	823	125	2428
Writing-guide.....	J. C. Dana.....	822,192	May 29	6405	1360	122	1661
Writing implement.....	B. Hardesty.....	837,827	Dec. 4	1080	241	125	1621
Writing-machine.....	E. B. Hess.....	822,208	May 29	6429	1365-6	122	1666
Writing-machine.....	E. B. Hess.....	822,858	June 5	1242	256	122	1998
Writing-machine.....	E. B. Hess.....	823,121	June 12	1804	371	122	2168
Writing-machine.....	S. H. Donaldson.....	825,198	July 3	1008	214	123	264
Writing-machine.....	J. B. Vidal.....	827,584	July 31	5984	1242-3	123	1569
Writing-machine.....	E. B. Hess.....	827,976	Aug. 7	565	116	123	1812
Writing-machine.....	E. B. Hess and J. M. Stoughton.....	830,478	Sept. 4	1171	245	124	290
Writing-machine.....	E. B. Hess and L. C. Myers.....	831,511	Sept. 18	3210	679	124	863
Writing-machines. Feed device for the inking-ribbons of.....	A. Steiner and R. Rein.....	833,561	Oct. 16	3126	664	124	2061
Writing or printing with metallic leaf.....	F. S. Hall.....	817,315	Apr. 10	1522	319	121	1752
Yarn.....	H. Ryder.....	831,108	Sept. 18	2453	518	124	674
Yarn and making the same.....	C. B. Potter.....	813,583	Feb. 27	4131	905	120	2533
Yarn-nipper.....	C. H. L. Kahler.....	835,536	Nov. 13	1316	282	125	376
Yeast-mixer.....	C. Daum.....	836,565	Nov. 20	3301	704	125	913
Yoke and hose-supporter. Combined.....	A. H. Cohn.....	839,553	Dec. 25	4516	962	125	2599
Yoke and tongue-support. Neck.....	C. Maples.....	832,491	Oct. 2	949	188	124	1440
Yoke attachment. Neck.....	N. Nilson.....	825,552	July 10	1789	377	123	479
Yoke center. Neck.....	E. B. Quick.....	811,953	Feb. 6	845	186	120	1661
Yoke center. Neck.....	G. and F. Aid.....	823,575	June 19	2725	577	122	2428
Yoke coupling. Neck.....	A. Steinbrecker.....	831,483	Sept. 18	3167	670	124	852
Yoke. Cultivator.....	A. C. Lindgren.....	815,602	Mar. 20	3240	680	121	813
Yoke holder. Neck.....	H. M. F. Leighty.....	832,021	Sept. 25	4276	894	124	1174
Yoke. Neck.....	W. M. Carriker.....	812,822	Feb. 20	2599	571	120	2141
Yoke. Neck.....	C. A. Smith.....	814,881	Mar. 13	1760	368	121	442
Yoke. Neck.....	C. E. Hess.....	818,168	Apr. 17	3236	695	121	2179
Yoke. Neck.....	T. J. Woodrow.....	823,574	June 19	2724	577	122	2427
Yoke. Neck.....	J. Miller.....	823,957	June 19	3448	737	122	2588
Yoke. Neck.....	M. R. Bruner.....	827,905	Aug. 7	408	87	123	1772
Yoke. Neck.....	P. E. Breckheimer.....	833,822	Oct. 23	3675	784	124	2239
Yoke. Neck.....	S. C. McClanahan.....	834,317	Oct. 30	4869	1029	124	2578
Zinc and other metals. Refining.....	J. Callmann and R. Bormann.....	827,418	July 31	5611	1160	123	1477
Zinc. Battery.....	H. J. Brewer.....	814,825	Mar. 13	1667	348-9	121	423
Zinc. Electrolytic production of.....	V. Engelhardt.....	831,843	Sept. 25	3907	819	124	1082
Zinc formaldehyde hydrosulfite. (S.) Making.....	E. A. Fourniaux.....	814,031	Mar. 6	70		121	17
Zinc formaldehyde hydrosulfite. (S.) Making basic.....	E. A. Fourniaux.....	814,032	Mar. 6	71		121	17
Zinc. Manufacture of sulfid of.....	G. Ranson.....	823,896	June 19	3325	708	122	2560
Zinc-obtaining apparatus.....	J. Armstrong.....	830,283	Sept. 4	781	160	124	196
Zinc perborate.....	O. Liebknecht.....	824,798	July 3	230		123	65
Zinc-sulfate solution into zinc oxid. Apparatus for converting.....	C. E. Dewey.....	815,516	Mar. 20	3084	642-3	121	779

ALPHABETICAL LIST OF DESIGNS.

Design.	Name.	No.	Date.	Official Gazette.	
				Volume.	Page.
Advertising device.	O. C. Knight.	38,227	Sept. 4	124	298
Apron.	B. A. Earl.	38,379	Dec. 18	125	2331
Ash-tray.	A. Q. Walsh.	37,770	Jan. 2	120	296
Automobile-body.	E. R. Thomas and J. R. Koen.	37,774	Jan. 2	120	297
Automobile-body.	P. W. Steinbeck.	37,928	Mar. 27	121	1302
Automobile-body.	P. W. Steinbeck.	37,929	Mar. 27	121	1302
Automobile-body.	W. H. Atwood.	37,952	Apr. 10	121	1932
Automobile-dash.	A. E. Schaaf and H. G. Fiske.	38,096	June 19	122	2639
Automobile engine-hood and seat-support.	A. B. Shultz.	38,044	May 29	122	1683
Automobile-front casing.	R. C. Lewis.	38,108	June 26	122	2958
Automobile whip-socket.	C. O. Sterling.	37,951	Apr. 10	121	1931
Automobiles. Frame of radiators for.	L. D. Hubbell.	37,827	Feb. 13	120	2090
Automobiles. Frame of radiators for.	A. E. Schaaf.	37,881	Mar. 6	121	287
Badge.	W. S. Carter.	37,797	Jan. 30	120	1436
Badge.	R. A. Porter.	37,817	Feb. 13	120	2088
Badge.	C. M. Waite.	37,864	Mar. 6	121	284
Badge.	C. J. Dieges.	37,865	Mar. 6	121	284
Badge.	J. B. Goodwin.	37,914	Mar. 27	121	1299
Badge.	A. Wisniewski.	37,954	Apr. 17	121	2277
Badge.	W. C. Marten.	37,963	Apr. 24	121	2612
Badge.	P. G. Blanford.	38,010	May 15	122	993
Badge.	D. Z. Merchant.	38,017	May 22	122	1346
Badge.	F. Busse.	38,033	May 29	122	1681
Badge.	S. D. Parker.	38,048	June 5	122	2020
Badge.	D. Z. Merchant.	38,087	June 19	122	2637
Badge.	F. B. Bower.	38,130	July 24	123	1276
Badge.	F. B. Davison.	38,137	July 31	123	1644
Badge.	C. S. Hurd.	38,157	Aug. 14	123	2287
Badge.	M. Desha.	38,193	Aug. 28	123	2948
Badge.	J. L. Herzog.	38,194	Aug. 28	123	2949
Badge.	C. S. Sherwood, Jr.	38,218	Sept. 4	124	296
Badge.	J. P. Whitney.	38,257	Oct. 2	124	1488
Badge.	H. W. Johnson, Jr., and T. C. Cofer.	38,268	Oct. 9	124	1803
Badge.	B. A. Richardson, Jr.	38,269	Oct. 9	124	1803
Badge.	J. R. Wilcox.	38,270	Oct. 9	124	1804
Badge.	F. S. Frisbie.	38,298	Oct. 30	124	2861
Badge.	C. H. Wilkins.	38,313	Nov. 20	125	959
Badge.	C. H. Wilkins.	38,314	Nov. 20	125	959
Badge.	B. A. Richardson, Jr.	38,330	Dec. 4	125	1665
Badge.	H. J. Hagerling.	38,360	Dec. 18	125	2327
Badge-button.	V. M. Ellis.	37,887	Mar. 13	121	644
Badge. Cane.	N. Shure.	38,131	July 24	123	1276
Badge or button. Society.	K. Stachowski.	37,804	Feb. 6	120	1764
Badge or pin.	B. Joachim.	38,153	Aug. 14	123	2287
Badge or similar article.	J. B. Goodwin.	37,888	Mar. 13	121	644
Badge-pin.	B. F. Mackall.	38,299	Oct. 30	124	2861
Bag-frame.	K. Oswald, Jr., and G. Goerk.	38,254	Sept. 25	124	1178
Bag frame. Hand.	W. Stavenhagen.	37,830	Feb. 20	120	2591
Barometer-case.	E. Wolfstein.	37,919	Mar. 27	121	1300
Basin. Wash.	J. Zipp.	37,957	Apr. 17	121	2277
Bed-quilt.	C. L. Christmann.	38,340	Dec. 25	125	2724
Belt.	D. Hirschberg.	37,776	Jan. 2	120	298
Belt. Lady's.	A. E. Tomlinson.	37,969	Apr. 24	121	2614
Billiard-table.	W. C. Huss.	38,080	June 12	122	2338
Billiard-table.	W. C. Huss.	38,081	June 12	122	2338
Billiard-table.	C. F. Kurz.	38,189	Aug. 21	123	2590
Billiard-table.	C. F. Kurz.	38,190	Aug. 21	123	2590
Bird-cage.	A. B. Hendryx.	38,366	Dec. 18	125	2328
Bird-cage.	A. B. Hendryx.	38,367	Dec. 18	125	2328
Bodkin.	J. H. Crosby.	37,871	Mar. 6	121	285
Book-cover.	W. M. Rhoads.	37,976	May 1	122	300
Book leaf. Family record.	F. A. Brown.	38,030	May 22	122	1348
Book or catalogue cover.	H. B. Keiper.	38,329	Nov. 27	125	1309
Bottle.	S. O. Carruthers.	37,787	Jan. 16	120	876
Bottle.	M. Chastenet.	37,820	Feb. 13	120	2088
Bottle.	A. Andresen.	37,906	Mar. 20	121	967
Bottle.	S. Hochstadter.	37,956	Apr. 17	121	2277
Bottle.	G. Buton.	38,139	July 31	123	1644
Bottle.	H. D. Ridgely.	38,221	Sept. 4	124	296
Bottle.	V. C. Bell.	38,250	Sept. 25	124	1177
Bottle.	E. A. Kohn.	38,385	Dec. 25	125	2724
Bottle-opener.	J. Hasselbring.	38,166	Aug. 14	123	2288
Bottles, glasses, and similar articles. Holder for.	A. Hering.	38,243	Sept. 18	124	879
Box.	W. Jones.	37,944	Apr. 10	121	1930
Box-cover.	T. W. Foster.	38,182	Aug. 21	123	2589
Box-strap.	C. W. Mitchell.	38,039	May 29	122	1682
Bracelet.	C. S. Hurd.	37,767	Jan. 2	120	296
Bracelet.	J. Bennett.	37,805	Feb. 6	120	1765
Bracelet.	J. Bennett.	37,818	Feb. 13	120	2088
Bracelet.	A. V. Lambert.	38,381	Dec. 25	125	2723
Braid.	E. Anchel.	38,239	Sept. 18	124	878
Bread-tray.	W. Mischler.	37,868	Mar. 6	121	285

Alphabetical list of designs—Continued.

Design.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Brooch or similar article.	J. H. Crosby	37,790	Jan. 23	120	1136
Briquet.	C. R. Allen	38,206	Aug. 28	123	2951
Brush-back.	W. C. Codman	38,090	June 19	122	2637
Brush-back.	W. C. Codman	38,091	June 19	122	2638
Brush-back.	T. W. Foster	38,181	Aug. 21	123	2589
Brush-back.	A. E. Hathaway	38,230	Sept. 11	124	597
Brush-holder.	H. L. Beach	38,220	Sept. 4	124	296
Brushes, hand-mirrors, and similar articles. Back for	S. A. Keller	37,777	Jan. 9	120	612
Brushes, mirrors, or similar articles. Back for.	H. J. Straker	37,849	Feb. 27	120	2710
Brushes, mirrors, or similar articles. Back for.	S. A. Keller	38,021	May 22	122	1346
Brushes, mirrors, or similar toilet articles. Back of	G. L. Crowell, Jr.	38,282	Oct. 16	124	2137
Burse.	M. A. Philbin	38,189	June 19	122	2637
Button.	M. L. Evens and P. H. Lindner	38,032	May 29	122	1681
Button.	W. J. Wolf	38,135	July 31	123	1644
Button.	W. J. Wolf	38,136	July 31	123	1644
Button-hook or similar article. Handle of a	A. E. Hathaway	38,229	Sept. 11	124	597
Button. Lapel.	E. Gebhardt	37,899	Mar. 20	121	966
Button. Lapel.	A. Johnson	38,361	Dec. 18	125	2327
Cabinet.	H. V. Crozier	38,008	May 8	122	680
Cabinet.	O. R. Hunt	38,309	Nov. 6	125	309
Cabinet top. Kitchen.	W. C. Horner	37,897	Mar. 13	121	646
Cabinet. Wall.	F. W. Fillmore	38,308	Nov. 6	125	309
Cake-iron cover.	A. Andresen	38,013	May 15	122	994
Cake-stand.	H. Paurowicz	38,140	July 31	123	1644
Candelabra supporting base or standard.	H. B. Beach and H. Kayser	37,780	Jan. 9	120	613
Candlestick.	L. W. Rice	38,259	Oct. 2	124	1488
Candlestick.	K. Booth	38,293	Oct. 23	124	2494
Cap.	O. D. Shaw	38,125	July 3	123	310
Car or float body.	H. H. Pattee	38,171	Aug. 14	123	2289
Car-wheel.	R. F. Phillips	38,228	Sept. 4	124	298
Card back. Playing.	S. N. Barker	37,789	Jan. 16	120	876
Card case or similar article.	A. Schicklerling	37,788	Jan. 16	120	876
Card-mount.	H. H. Collins, Jr.	37,860	Feb. 27	120	2712
Card-mount.	H. H. Collins, Jr.	37,861	Feb. 27	120	2712
Card-mount.	H. A. Stone	37,945	Apr. 10	121	1930
Card. Playing.	A. Lee	38,295	Oct. 23	124	2494
Card. Playing.	E. W. Beers	38,310	Nov. 13	125	619
Carpet.	A. M. Rose	37,910	Mar. 20	121	968
Carpet.	W. L. Jacobs	37,911	Mar. 20	121	968
Carpet.	J. S. McNab	37,912	Mar. 20	121	968
Carpet.	J. S. McNab	37,913	Mar. 20	121	968
Carpet.	F. A. Haas	38,199	Aug. 28	123	2949
Carpet.	F. A. Haas	38,290	Oct. 16	124	2139
Carpet-border.	F. A. Haas	38,154	July 31	123	1647
Carriage-plate.	W. L. Weeden	38,114	July 3	123	308
Casket, coffin, or similar article.	C. F. Wetmore	38,059	June 5	122	2022
Casket name and handle plate.	E. Cleff	38,301	Oct. 30	124	2861
Casket name and handle plate.	F. K. Allen	38,353	Dec. 11	125	2013
Casket plate and handle.	E. Cleff	38,328	Nov. 27	125	1309
Casket-trimming.	W. E. Stevens	37,970	Apr. 24	121	2614
Casket-trimming.	W. E. Stevens	38,084	June 12	122	2338
Casket-trimming.	W. E. Stevens	38,389	Dec. 25	125	2724
Chair-back.	J. Silverman	38,279	Oct. 9	124	1805
Charm.	N. B. Levy	38,162	Aug. 14	123	2287
Christmas-tree-supporting base.	H. Olson	38,169	Aug. 14	123	2288
Cigar-band.	L. C. Wagner	37,872	Mar. 6	121	285
Cigar-band.	L. C. Wagner	37,873	Mar. 6	121	285
Cigar-band.	L. C. Wagner	37,964	Apr. 24	121	2612
Cigar-cutter.	E. W. Dayton	37,958	Apr. 17	121	2277
Clasp member.	H. C. Frank	38,363	Dec. 18	125	2327
Clay building-block.	F. J. Merkle	37,811	Feb. 6	120	1765
Clock-case.	A. T. Fischer	37,852	Feb. 27	120	2711
Clock-case.	A. T. Fischer	37,853	Feb. 27	120	2711
Clock-case.	E. Ehrle	38,272	Oct. 9	124	1804
Clock-case.	A. A. Newman	38,377	Dec. 18	125	2330
Clock-frame.	S. M. Lawson	37,972	May 1	122	299
Clock-frame.	S. M. Lawson	37,973	May 1	122	299
Clock-frame.	S. M. Lawson	37,974	May 1	122	299
Clock-frame.	S. M. Lawson	37,975	May 1	122	299
Clock-frame.	S. M. Lawson	38,011	May 15	122	993
Clock-frame.	S. M. Lawson	38,022	May 22	122	1347
Clock-frame.	S. M. Lawson	38,034	May 29	122	1681
Clock-frame.	J. E. Roiné	38,260	Oct. 2	124	1489
Clock-frame.	J. E. Roiné	38,261	Oct. 2	124	1489
Clock-frame.	A. G. Kollstede	38,262	Oct. 2	124	1489
Clock-frame.	A. G. Kollstede	38,263	Oct. 2	124	1489
Clock-frame.	J. P. Steinmeier	38,345	Dec. 11	125	2012
Clock-support.	W. E. McGraw	38,187	Aug. 21	123	2589
Closet-bowl. Earthenware.	E. T. Webster	37,807	Feb. 6	120	1766
Cloth. Eider-down.	C. H. French	38,045	May 29	122	1683
Coat and hat rack.	S. B. Feuerstein	38,387	Dec. 25	125	2724
Cocktail-server.	C. E. Allen	38,112	July 3	123	308
Coffee-mill shell.	A. E. Bronson, Jr.	37,965	Apr. 24	121	2612
Collar.	F. J. Novak	37,863	Feb. 27	120	2712
Comb and brush rack. Combined.	W. H. Moffitt	38,344	Dec. 11	125	2012
Comb. Hair.	W. C. Smith	37,979	May 1	122	300
Condiment-container.	F. E. Burley	37,901	Mar. 20	121	966
Condiment-holder.	F. Schenker	37,779	Jan. 9	120	613
Cradle. Souvenir.	C. C. Boykin	37,768	Jan. 2	120	296
Crib. Christmas.	F. Willenbrink	38,050	June 5	122	2020
Crumb-tray.	M. M. J. Rooney	37,795	Jan. 23	120	1138
Crumb-tray.	M. M. J. Rooney	38,037	May 29	122	1682
Cup or ornament.	H. B. Beach and H. Kayser	37,781	Jan. 9	120	613
Curtain.	E. F. Boubel	37,900	Mar. 20	121	968
Curtain. Grille.	F. E. Erickson	37,882	Mar. 6	121	287
Curtain. Lace.	J. R. Gibb	38,152	July 31	123	1646

Alphabetical list of designs—Continued.

Design.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Curtain. Lace.	H. Browne	38,256	Sept. 25	124	1178
Cutter-lever handle.	H. K. Porter	37,826	Feb. 13	120	2089
Dental cabinet.	W. G. Hullhorst	38,079	June 12	122	2337
Desk. Hotel-register.	F. F. Doleshy	38,029	May 22	122	1348
Dish.	L. B. Critz	38,094	June 19	122	2638
Dish.	J. Williamson	38,249	Sept. 25	124	1177
Dish. Cover.	R. L. Johnson	37,792	Jan. 23	120	1137
Dish. Cover.	R. L. Johnson	37,793	Jan. 23	120	1137
Dish-cover.	E. A. Gutermann	38,284	Oct. 16	124	2138
Dish-cover.	G. E. Savage	38,285	Oct. 16	124	2138
Dish. Metal.	H. B. Beach and H. Kayser	38,306	Nov. 6	125	308
Dish or similar article. Covered.	C. J. Ahrenfeldt	37,894	Mar. 13	121	645
Display cabinet. Picture.	G. E. Knowles	37,879	Mar. 6	121	286
Display-can. Sheet-metal.	F. Rudolphi	38,170	Aug. 14	123	2289
Display-case.	E. Faber	37,877	Mar. 6	121	286
Display-case.	E. Faber	37,878	Mar. 6	121	286
Display-stand.	H. Frankenthal	38,204	Aug. 28	123	2950
Door for feed-water heaters and similar apparatus.	M. K. Bowman	38,082	June 12	122	2338
Drain-tray.	S. V. Erdt	38,368	Dec. 18	125	2328
Drinking-glass or similar article.	W. Helmer	38,248	Sept. 25	124	1177
Electric-light cluster.	M. E. Bates	38,155	Aug. 7	123	1969
Emblem.	F. W. Pollock	38,219	Sept. 4	124	296
Emblem.	C. Flora	38,362	Dec. 18	125	2327
Envelop-opener.	I. L. Sommer	38,192	Aug. 28	123	2948
Eraser-tip.	F. McIntyre	38,038	May 29	122	1682
Eyeglass-guard.	G. Johnston	38,271	Oct. 9	124	1804
Eyelet.	G. A. Langmaid	37,918	Mar. 27	121	1300
Fabric. Embossed.	L. M. Musliner	38,060	June 5	122	2023
Fabric. Embossed.	E. Collier	38,116	July 3	123	309
Fabric. Knit.	C. H. French	38,209	Aug. 28	123	2951
Fabric. Knit.	C. H. French	38,210	Aug. 28	123	2951
Fabric. Knit.	C. H. French	38,211	Aug. 28	123	2951
Fabric. Knit.	E. H. Brown	38,212	Aug. 28	123	2952
Fabric. Knit.	E. H. Brown	38,213	Aug. 28	123	2952
Fabric. Knit.	E. H. Brown	38,214	Aug. 28	123	2952
Fabric. Knit.	E. H. Brown	38,215	Aug. 28	123	2952
Fabric. Knit.	E. H. Brown	38,216	Aug. 28	123	2952
Fabric. Knitted.	F. Condé	38,046	May 29	122	1684
Fabric. Knitted.	F. Condé	38,047	May 29	122	1684
Fabric. Knitted.	F. Condé	38,297	Oct. 23	124	2495
Fabric. Printed textile.	E. B. Vandergaw	37,843	Feb. 20	120	2393
Fabric. Printed textile.	E. B. Vandergaw	37,844	Feb. 20	120	2393
Fabric. Printed textile.	E. B. Vandergaw	37,898	Mar. 13	121	646
Fabric. Printed textile.	E. B. Vandergaw	37,930	Mar. 27	121	1302
Fabric. Printed textile.	E. B. Vandergaw	37,962	Apr. 17	121	2278
Fabric. Textile.	S. L. Crownfield	38,061	June 5	122	2023
Fabric. Textile.	S. L. Crownfield	38,062	June 5	122	2023
Fabric. Textile.	S. L. Crownfield	38,063	June 5	122	2023
Fabric. Textile.	S. L. Crownfield	38,064	June 5	122	2024
Fabric. Textile.	S. L. Crownfield	38,065	June 5	122	2024
Fabric. Textile.	S. L. Crownfield	38,085	June 12	122	2339
Fabric. Textile.	S. L. Crownfield	38,086	June 12	122	2339
Fabric. Textile.	E. W. Doughty	38,097	June 19	122	2639
Fabric. Textile.	E. W. Doughty	38,098	June 19	122	2639
Fabric. Textile.	E. W. Doughty	38,099	June 19	122	2639
Fabric. Textile.	E. W. Doughty	38,100	June 19	122	2640
Fabric. Textile.	E. W. Doughty	38,101	June 19	122	2640
Fabric. Textile.	A. F. Papin	38,109	June 26	122	2958
Fabric. Textile.	A. F. Papin	38,110	June 26	122	2958
Fabric. Textile.	M. S. Hood	38,117	July 3	123	309
Fabric. Textile.	M. L. Johnstone	38,118	July 3	123	309
Fabric. Textile.	H. P. Johnstone	38,119	July 3	123	309
Fabric. Textile.	H. P. Johnstone	38,120	July 3	123	309
Fabric. Textile.	H. P. Johnstone	38,121	July 3	123	309
Fabric. Textile.	H. W. Fowler	38,122	July 3	123	310
Fabric. Textile.	H. W. Fowler	38,123	July 3	123	310
Fabric. Textile.	H. W. Fowler	38,124	July 3	123	310
Fabric. Textile.	D. Z. Merchant	38,153	July 31	123	1647
Fabric. Woven.	G. E. C. Schmiedel	38,198	Aug. 28	123	2949
Fence-post.	T. F. Jasper	38,335	Dec. 4	125	1666
Finger-ring.	J. L. Herzog	37,766	Jan. 2	120	296
Finger-ring.	J. L. Herzog	38,235	Sept. 11	124	598
Flag.	T. K. Sturdevant	38,088	June 19	122	2637
Flower-pot. Hanging.	W. Wiesler	38,004	May 8	122	679
Fob-plate.	J. V. Ridgway	38,382	Dec. 25	125	2723
Fork or spoon or similar article.	G. P. Ittig	38,384	Dec. 25	125	2723
Forks, spoons, and similar articles. Handle for.	S. Smith	37,850	Feb. 27	120	2710
Forks, spoons, and similar articles. Handle for.	J. Leech	37,990	May 8	122	675
Fruit-bowl.	B. W. Jacobs	38,055	June 5	122	2021
Furnace.	F. A. Magee	38,280	Oct. 9	124	1806
Furnace front. Heating.	C. Smith	37,927	Mar. 27	121	1301
Game-board.	F. J. Wolf	37,796	Jan. 23	120	1138
Game-board.	L. Hudgin	38,303	Oct. 30	124	2862
Game-board.	H. A. Wood	38,378	Dec. 18	125	2331
Garment-hanger.	J. B. Bleichrode	38,255	Sept. 25	124	1178
Garters. Hose-hook for.	E. A. Herr	38,312	Nov. 13	125	619
Gas-burner. Incandescent.	V. F. von Lossberg	37,880	Mar. 6	121	287
Gas-burner. Inverted.	T. J. Little, Jr.	38,348	Dec. 11	125	2013
Gas-globe. Incandescent.	S. Mason	37,925	Mar. 27	121	1301
Glass cigar and ash tray.	E. Schwab	37,977	May 1	122	300
Glass cigar and ash tray.	E. Schwab	38,072	June 12	122	2336
Glass dish.	J. M. McMahon	37,821	Feb. 13	120	2088
Glass dish.	A. J. Sanford	38,200	Aug. 28	123	2949
Glass-holder.	J. F. Conlin	37,943	Apr. 10	121	1930
Glass-holder or similar article.	W. Helmer	38,208	Aug. 28	123	2951

Design.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Glass plate.....	N. Franzen.....	38,251	Sept. 25	124	1177
Glass receptacle.....	G. R. West.....	37,851	Feb. 27	120	2710
Glass reflector.....	O. A. Mygatt.....	37,984	May 1	122	301
Glass reflector for artificial lights. Prismatic.....	O. A. Mygatt.....	37,981	May 1	122	300
Glass reflector for artificial lights. Prismatic.....	O. A. Mygatt.....	37,982	May 1	122	301
Glass reflector. Prismatic.....	O. A. Mygatt.....	37,812	Feb. 6	120	1766
Glass reflector. Prismatic.....	O. A. Mygatt.....	37,813	Feb. 6	120	1766
Glass reflector. Prismatic.....	O. A. Mygatt.....	37,983	May 1	122	301
Glass reflector. Prismatic.....	O. A. Mygatt.....	38,006	May 8	122	679
Glass. Sheet.....	F. Shuman.....	37,803	Jan. 30	120	1438
Glass. Sheet.....	W. W. Pilkington.....	37,953	Apr. 10	121	1932
Glass vessel.....	B. F. Davies.....	37,999	May 8	122	677
Glass vessel.....	J. Owens.....	38,012	May 15	122	994
Glass vessel.....	W. S. Jones.....	38,346	Dec. 11	125	2012
Glass vessel. Cut.....	W. C. Anderson.....	38,000	May 8	122	678
Glass vessel. Cut.....	D. F. Spillane.....	38,001	May 8	122	678
Glass vessel. Cut.....	D. F. Spillane.....	38,002	May 8	122	678
Glasses, bottles, and similar articles. Holder for.....	A. Hering.....	38,244	Sept. 18	124	879
Globe-support.....	C. E. Waldeck.....	38,073	June 12	122	2336
Glove.....	F. L. Easterly.....	38,191	Aug. 21	123	2590
Goblet.....	A. Pick.....	37,917	Mar. 27	121	1300
Grape-fruit holder.....	F. E. Burley.....	37,905	Mar. 20	121	967
Grave-cover.....	W. J. Huber.....	37,837	Feb. 20	120	2392
Hammock.....	I. E. Palmer.....	38,151	July 31	123	1646
Hammock.....	I. E. Palmer.....	38,354	Dec. 11	125	2014
Handle. Drop.....	G. A. Schehr.....	37,935	Apr. 3	121	1624
Harp.....	F. Reinhard and P. Genchi.....	38,242	Sept. 18	124	878
Hat.....	F. Van Rensselaer.....	38,016	May 15	122	994
Hat.....	S. Mundheim.....	38,031	May 22	122	1348
Heating and illuminating device. Combined.....	S. S. St. Hoor.....	38,349	Dec. 11	125	2013
Heating and illuminating device. Combined.....	S. S. St. Hoor.....	38,350	Dec. 11	125	2013
Hook. Bath-room.....	A. N. Lattin.....	38,025	May 22	122	1347
Horn.....	C. Beecroft.....	38,273	Oct. 9	124	1804
Horn.....	C. Beecroft.....	38,274	Oct. 9	124	1804
Horn. Amplifying.....	C. J. Eichhorn.....	38,202	Aug. 28	123	2950
Humidifier-casing.....	J. J. Smith.....	38,107	June 26	122	2957
Illuminator.....	O. A. Mygatt.....	37,809	Feb. 6	120	1765
Illuminator.....	O. A. Mygatt.....	37,824	Feb. 13	120	2089
Illuminator.....	O. A. Mygatt.....	37,825	Feb. 13	120	2089
Illuminator.....	O. A. Mygatt.....	37,924	Mar. 27	121	1301
Illuminator.....	O. A. Mygatt.....	37,946	Apr. 10	121	1930
Incense-burner.....	J. M. Schutz.....	38,142	July 31	123	1644
Inkstand.....	C. B. Rogers.....	37,941	Apr. 10	121	1929
Inkstand.....	C. H. Numan.....	38,102	June 26	122	2956
Inkstand.....	C. H. Numan.....	38,186	Aug. 21	123	2589
Inkstand.....	G. L. Belcher.....	38,283	Oct. 16	124	2138
Jar.....	J. E. Lee.....	37,829	Feb. 20	120	2390
Jar.....	R. Wintermann.....	38,167	Aug. 14	123	2288
Jug or similar article.....	C. J. Noke.....	38,051	June 5	122	2020
Jug or similar article.....	C. J. Noke.....	38,052	June 5	122	2020
Jug or similar article.....	C. J. Noke.....	38,053	June 5	122	2020
Jug or similar article.....	J. Slater.....	38,054	June 5	122	2021
Jug or similar article.....	C. J. Noke.....	38,234	Sept. 11	124	598
Knife and fork. Combination.....	F. McClure.....	38,292	Oct. 23	124	2494
Knit fabric.....	C. H. French.....	37,936	Apr. 3	121	1624
Knit fabric.....	C. H. French.....	37,937	Apr. 3	121	1624
Knit fabric.....	C. H. French.....	38,319	Nov. 20	125	961
Lace. Levers.....	C. W. Birkin.....	37,783	Jan. 9	120	613
Lace. Levers.....	C. W. Birkin.....	37,838	Feb. 20	120	2392
Lace. Levers.....	C. W. Birkin.....	37,839	Feb. 20	120	2393
Lace. Levers.....	C. W. Birkin.....	37,840	Feb. 20	120	2393
Lace. Levers.....	C. W. Birkin.....	37,841	Feb. 20	120	2393
Lace. Levers.....	C. W. Birkin.....	37,842	Feb. 20	120	2393
Lace. Levers.....	C. W. Birkin.....	37,883	Mar. 6	121	287
Lace. Levers.....	C. W. Birkin.....	38,195	Aug. 28	123	2949
Lace. Levers.....	C. W. Birkin.....	38,196	Aug. 28	123	2949
Lace. Levers.....	C. W. Birkin.....	38,197	Aug. 28	123	2949
Lamp.....	I. H. Atwood.....	37,772	Jan. 2	120	297
Lamp.....	R. M. Dixon.....	37,948	Apr. 10	121	1931
Lamp.....	R. M. Dixon.....	37,949	Apr. 10	121	1931
Lamp.....	R. M. Dixon.....	37,950	Apr. 10	121	1931
Lamp.....	C. L. Duenkel.....	38,316	Nov. 20	125	960
Lamp-body.....	E. M. Rosenbluth.....	38,133	July 24	123	1276
Lamp-body.....	E. M. Rosenbluth.....	38,134	July 24	123	1276
Lamp bulb. Incandescent-electric.....	O. A. Mygatt.....	38,005	May 8	122	679
Lamp-case.....	L. Schepmoes.....	37,966	Apr. 24	121	2613
Lamp. Gas.....	J. Doornbos.....	38,143	July 31	123	1645
Lamp. Gas.....	A. H. Humphrey.....	38,288	Oct. 16	124	2138
Lamp. Gasolene.....	D. H. Chisholm.....	38,253	Sept. 25	124	1177
Lamp holder. Wall.....	J. F. Geraghty.....	37,947	Apr. 10	121	1930
Lamp housing. Arc.....	A. Hausold.....	37,895	Mar. 13	121	645
Lamp-reflector.....	W. Churchill.....	37,798	Jan. 30	120	1437
Lamp reflector. Incandescent-electric.....	O. A. Mygatt.....	37,832	Feb. 20	120	2391
Lamp reflector. Incandescent-electric.....	O. A. Mygatt.....	37,833	Feb. 20	120	2391
Lamp reflector. Incandescent-electric.....	O. A. Mygatt.....	37,834	Feb. 20	120	2392
Lamp reflector. Incandescent-electric.....	O. A. Mygatt.....	37,835	Feb. 20	120	2392
Lamp-shade.....	W. A. Hogan.....	38,056	June 5	122	2022
Lamp-shade.....	E. B. Lewis.....	38,264	Oct. 2	124	1489
Lamp-shade.....	E. D. Terry.....	38,311	Nov. 13	125	619
Lamp. Vehicle.....	E. C. Everett.....	37,773	Jan. 2	120	297
Lamp. Vehicle.....	R. Coffman.....	38,307	Nov. 6	125	309
Lantern.....	J. Losli.....	37,856	Feb. 27	120	2711
Lavatory.....	H. Podmore.....	38,007	May 8	122	679
Lavatory.....	J. F. Kelly.....	38,040	May 29	122	1682
Lavatory.....	J. H. Gavin.....	38,247	Sept. 18	124	879

Alphabetical list of designs—Continued.

Design.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Lighting-fixtures. Backpiece for.	H. E. Watkins.	38,144	July 31	123	1645
Lighting-fixtures. Backpiece for.	H. E. Watkins.	38,148	July 31	123	1645
Locket or charm.	A. C. Field.	38,320	Nov. 27	125	1507
Map.	M. L. Leigh.	38,266	Oct. 2	124	1490
Match-holder.	M. Mayer.	38,023	May 22	122	1347
Medal or similar article.	C. Osborne.	38,343	Dec. 11	125	2011
Mirror-back.	T. W. Foster.	38,179	Aug. 21	123	2588
Mirror-back.	T. W. Foster.	38,180	Aug. 21	123	2588
Mirror-back.	A. E. Hathaway.	38,231	Sept. 11	124	598
Mirrors, brushes, and similar articles. Back for hand-	H. B. Beach and H. Kayser.	38,065	June 12	122	2334
Mirrors, brushes, and similar articles. Back for hand-	H. B. Beach and H. Kayser.	38,067	June 12	122	2335
Mirrors, brushes, and similar toilet articles. Back for.	G. H. Berry.	38,177	Aug. 21	123	2588
Mirrors, brushes, and similar toilet articles. Back for.	G. H. Berry.	38,178	Aug. 21	123	2588
Mirrors, brushes, or similar articles. Back for.	P. J. Callowhill.	38,175	Aug. 21	123	2587
Mirrors, brushes, or similar articles. Back for.	S. A. Keller.	38,176	Aug. 21	123	2587
Mirrors or similar articles. Back of hand-	S. A. Keller.	37,778	Jan. 9	120	612
Mower casing. Lawn-	M. E. Stanton.	38,336	Dec. 4	125	1666
Mower casing. Lawn-	M. E. Stanton.	38,337	Dec. 4	125	1667
Mower casing. Lawn-	M. E. Stanton.	38,338	Dec. 4	125	1667
Mower casing. Lawn-	M. E. Stanton.	38,339	Dec. 4	125	1667
Mower casing. Lawn-	M. E. Stanton.	38,340	Dec. 4	125	1667
Mower casing. Lawn-	M. E. Stanton.	38,341	Dec. 4	125	1668
Mug. Wooden.	R. P. Spooner.	37,902	Mar. 20	121	966
Music-indicator.	J. MacMaster.	37,854	Feb. 27	120	2711
Music-indicator.	W. E. Thrash.	38,226	Sept. 4	124	297
Nail cap-plate.	G. K. Wyman.	38,351	Dec. 11	125	2013
Nail cap-plate.	G. K. Wyman.	38,352	Dec. 11	125	2013
Nail-file.	E. Ruettgers.	37,988	May 8	122	675
Name and number plate.	A. M. Wilson.	38,201	Aug. 28	123	2950
Padlock.	A. W. Douglas.	37,771	Jan. 2	120	296
Paper box.	P. B. Myers.	37,862	Feb. 27	120	2712
Paper. Box-	J. Heiss.	38,281	Oct. 9	124	1806
Paper. Wrapping-	F. O. Walther.	37,775	Jan. 2	120	298
Pen holder. Fountain-	F. A. Weeks.	37,978	May 1	122	300
Pen-holding receptacle. Fountain-	F. A. Weeks.	38,049	June 5	122	2020
Pencil.	E. Faber.	37,855	Feb. 27	120	2711
Pencil.	E. Faber.	37,869	Mar. 6	121	285
Pencil.	E. Faber.	37,870	Mar. 6	121	285
Percolator. Beverage-	G. E. Savage.	38,071	June 12	122	2336
Phonograph-horn.	P. B. T. Berner.	38,275	Oct. 9	124	1805
Pillow cover. Leather-	T. W. Coulson and P. C. Do-	38,296	Oct. 23	124	2494
	denhoff.				
Pin. Hat and stick	G. M. and J. M. Meredith, Jr.	38,126	July 10	123	647
Pin. Stick-	W. M. Dake.	38,174	Aug. 21	123	2587
Pitcher.	F. Ballentine.	38,222	Sept. 4	124	297
Plate.	C. E. Ziegler.	37,794	Jan. 23	120	1137
Plate.	E. J. Owen.	37,903	Mar. 20	121	967
Plate.	F. Markert.	38,035	May 29	122	1681
Plate.	H. Ehrlich.	38,104	June 26	122	2957
Plate or dish.	A. A. Robineau.	37,889	Mar. 13	121	644
Plate or similar article.	C. J. Ahrenfeldt.	37,890	Mar. 13	121	644
Plate or similar article.	C. J. Ahrenfeldt.	37,891	Mar. 13	121	644
Plate or similar article.	C. J. Ahrenfeldt.	37,892	Mar. 13	121	645
Plate or similar article.	C. J. Ahrenfeldt.	37,893	Mar. 13	121	645
Plate or similar article.	W. H. Grindley.	38,036	May 29	122	1682
Plate or similar article.	G. A. Alexander.	38,365	Dec. 18	125	2328
Plate or similar dish.	A. S. Higgins.	37,904	Mar. 20	121	967
Portière.	M. Hamburger.	37,784	Jan. 9	120	614
Portière.	M. Hamburger.	37,785	Jan. 9	120	614
Post-card.	G. E. Boos.	38,380	Dec. 25	125	2723
Powder-receptacle top.	J. H. Goss.	38,305	Nov. 6	125	308
Prie-dieu.	J. E. Brielmaier.	38,278	Oct. 9	124	1805
Prie-dieu. Confessional.	J. E. Brielmaier.	38,277	Oct. 9	124	1805
Range. Cooking-	F. J. Frey.	38,028	May 22	122	1348
Range. Cooking-	F. M. Lawrence.	38,225	Sept. 4	124	297
Receptacle-cap.	A. F. Conery, Jr.	38,207	Aug. 28	123	2951
Reflector.	O. A. Mygatt.	37,967	Apr. 24	121	2613
Reflector.	O. A. Mygatt.	37,985	May 1	122	301
Reflector. Artificial-light.	K. Booth.	38,188	Aug. 21	123	2590
Reflector for artificial lights.	O. A. Mygatt.	37,808	Feb. 6	120	1765
Reflector. Prismatic-glass.	O. A. Mygatt.	37,960	Apr. 17	121	2278
Reflector. Prismatic-glass.	O. A. Mygatt.	37,961	Apr. 17	121	2278
Reflector. Prismatic-glass.	O. A. Mygatt.	38,026	May 22	122	1347
Refrigerator.	C. H. Boeck.	38,237	Sept. 11	124	599
Register and indicator casing.	J. Alexander.	38,205	Aug. 28	123	2950
Register-holding frame.	S. E. Whiting.	38,127	July 10	123	647
Rein-holder.	E. J. Douglas.	38,168	Aug. 14	123	2288
Ribbon.	C. P. Schlegel.	37,884	Mar. 6	121	287
Ribbon.	C. P. Schlegel.	37,885	Mar. 6	121	288
Ribbon.	C. P. Schlegel.	37,886	Mar. 6	121	288
Ribbon.	E. S. Dreux.	38,240	Sept. 18	124	878
Ribbon.	F. Kieran.	38,318	Nov. 20	125	960
Ribbon.	H. Kamsler.	38,355	Dec. 11	125	2014
Ribbon.	H. Kamsler.	38,356	Dec. 11	125	2014
Ribbon.	H. Kamsler.	38,357	Dec. 11	125	2014
Ribbon.	H. Kamsler.	38,358	Dec. 11	125	2014
Ribbon.	H. Kamsler.	38,359	Dec. 11	125	2014
Ring.	G. E. Burns.	37,848	Feb. 27	120	2710
Ring.	E. J. Carr and E. T. Rushton.	37,915	Mar. 27	121	1299
Ring.	A. A. Dorst.	37,916	Mar. 27	121	1300
Ring.	C. H. Pfeil.	8,111	July 3	123	308
Ring.	M. H. Kling.	38,150	Aug. 14	123	2287
Ring.	M. H. Kling.	38,160	Aug. 14	123	2287
Ring.	M. H. Kling.	38,161	Aug. 14	123	2287
Rosary.	H. F. Nehr.	37,875	Mar. 6	121	285

Alphabetical list of designs—Continued.

Design.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Rosary.....	B. Teubner.....	37,876	Mar. 6	121	286
Rubber binding.....	C. E. Knapp.....	38,095	June 19	122	2638
Rubber fabric.....	J. Hardman, Jr.....	38,241	Sept. 18	124	878
Rubber matting.....	A. J. Whisler.....	38,238	Sept. 11	124	599
Rug.....	A. Petzold.....	37,814	Feb. 6	120	1766
Rug.....	A. Petzold.....	37,815	Feb. 6	120	1766
Rug.....	A. Petzold.....	37,816	Feb. 6	120	1766
Rug.....	F. A. Haas.....	37,828	Feb. 13	120	2090
Rug.....	A. Petzold.....	37,845	Feb. 20	120	2394
Rug.....	A. Petzold.....	37,846	Feb. 20	120	2394
Rug.....	A. Petzold.....	37,847	Feb. 20	120	2394
Rug.....	E. H. Bennett.....	37,938	Apr. 3	121	1624
Rug.....	E. H. Bennett.....	37,939	Apr. 3	121	1624
Rug.....	E. H. Bennett.....	37,940	Apr. 3	121	1624
Rug.....	A. Petzold.....	37,986	May 1	122	302
Rug.....	A. Petzold.....	37,987	May 1	122	302
Rug.....	N. I. E. Curtis.....	38,224	Sept. 4	124	297
Rug.....	F. A. Haas.....	38,267	Oct. 2	124	1490
Rug.....	W. T. Smith.....	38,333	Dec. 4	125	1666
Scale-supporting stand.....	W. H. Sargent.....	38,024	May 22	122	1347
Scarf-pin or similar article.....	H. W. Sherrill.....	38,291	Oct. 23	124	2494
Scraper.....	E. R. Deming.....	37,980	May 1	122	300
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,992	May 8	122	676
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,993	May 8	122	676
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,994	May 8	122	676
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,995	May 8	122	676
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,996	May 8	122	677
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,997	May 8	122	677
Screw-drivers or similar articles. Handle of.....	J. J. Tower.....	37,998	May 8	122	677
Seat end.....	H. J. Bell.....	38,074	June 12	122	2336
Seat end.....	E. G. Budd.....	38,075	June 12	122	2336
Seat end.....	J. B. Kilburn.....	38,076	June 12	122	2337
Seat end.....	E. G. Budd.....	38,217	Aug. 28	123	2952
Sewing-rack.....	W. C. J. Lang.....	38,236	Sept. 11	124	598
Sheet-metal can.....	E. Hoffman.....	38,287	Oct. 16	124	2138
Shelf.....	H. L. Beach.....	38,203	Aug. 28	123	2950
Shirt-waist box.....	O. Balogh.....	38,302	Oct. 30	124	2861
Shoe.....	C. B. Perry.....	38,150	July 31	123	1646
Shoe-tree handle.....	J. H. Woodbury.....	38,286	Oct. 16	124	2138
Show-case.....	W. M. McLean.....	37,934	Apr. 3	121	1624
Show-case.....	J. T. Robin.....	38,058	June 5	122	2022
Sign.....	G. A. Reach.....	38,294	Oct. 23	124	2494
Sign. Electrically-illuminated.....	G. Howe.....	38,014	May 15	122	994
Sign. Illuminated chandelier.....	J. L. Dawes.....	37,799	Jan. 30	120	1437
Sign. Illuminated chandelier.....	J. L. Dawes.....	37,800	Jan. 30	120	1437
Sign. Illuminated chandelier.....	J. L. Dawes.....	37,801	Jan. 30	120	1437
Sign. Illuminated chandelier.....	J. L. Dawes.....	37,802	Jan. 30	120	1437
Sign. Illuminated chandelier.....	J. L. Dawes.....	37,823	Feb. 13	120	2089
Silverware-mount.....	E. Meyers.....	37,900	Mar. 20	121	966
Silverware. Mount for.....	A. Miller.....	38,163	Aug. 14	123	2287
Sink. Kitchen.....	W. G. Probst.....	38,265	Oct. 2	124	1490
Smoking-pipe.....	D. Z. Merchant.....	38,164	Aug. 14	123	2287
Soda-water-tumbler holder.....	G. C. Lyon.....	38,233	Sept. 11	124	598
Spoon, fork, or similar article. Handle for a.....	G. Strohaker.....	38,232	Sept. 11	124	598
Spoon-handle.....	G. P. Ittig.....	37,791	Jan. 23	120	1137
Spoon-handle.....	E. Mehesy, Jr.....	37,867	Mar. 6	121	285
Spoon or fork.....	C. A. Bennett.....	37,769	Jan. 2	120	296
Spoon or fork.....	A. Miller.....	38,184	Aug. 21	123	2589
Spoon or fork.....	V. Freisinger.....	38,258	Oct. 2	124	1488
Spoon or fork or similar article.....	H. G. Petty.....	38,300	Oct. 30	124	2861
Spoon or similar article.....	J. R. Bookwalter.....	37,866	Mar. 6	121	284
Spoon or similar article.....	G. Chambers and R. J. Stewart.....	37,989	May 8	122	675
Spoon or similar article.....	G. E. Homer.....	38,138	July 31	123	1644
Spoons, forks, and similar articles. Handle for.....	C. T. Paye.....	37,991	May 8	122	675
Spoons, forks, or similar articles. Handle for.....	C. M. Prior.....	37,931	Apr. 3	121	1623
Spoons, forks, or similar articles. Handle for.....	C. B. Shepard.....	37,932	Apr. 3	121	1623
Spoons, forks, or similar articles. Handle for.....	J. Clulee.....	38,018	May 22	122	1346
Spoons, forks, or similar articles. Handle for.....	J. Clulee.....	38,019	May 22	122	1346
Spoons, forks, or similar articles. Handle for.....	H. Hillbom.....	38,069	June 12	122	2335
Spoons, forks, or similar articles. Handle for.....	F. Habensack.....	38,068	June 12	122	2335
Spoons, forks, or similar articles. Handle for.....	H. W. Hirschfeld.....	38,103	June 26	122	2957
Spoons, forks, or similar articles. Handle for.....	G. L. Crowell, Jr.....	38,332	Dec. 4	125	1665
Spoons, forks, or similar articles. Handle for.....	M. B. Leete.....	38,364	Dec. 18	125	2328
Spoons, forks, or similar articles. Handle of.....	W. C. Codman.....	37,786	Jan. 16	120	876
Spoons, forks, or similar articles. Handle of.....	W. A. Jameson.....	37,955	Apr. 17	121	2277
Spoons, forks, or similar articles. Handle of.....	W. C. Codman.....	38,020	May 22	122	1346
Spoons, forks, or similar articles. Handle of.....	S. A. Keller.....	38,092	June 19	122	2638
Spoons, forks, or similar articles. Handle of.....	G. F. Kolb.....	38,323	Nov. 27	125	1307
Spoons or similar articles. Handle of.....	S. J. Large.....	37,942	Apr. 10	121	1929
Stamp. Premium.....	J. A. Johntra.....	37,822	Feb. 13	120	2088
Stamp. Trading.....	S. Hertzmann.....	37,806	Feb. 6	120	1765
Steering-wheel.....	W. L. Adams.....	37,810	Feb. 6	120	1766
Stocking-receptacle.....	S. Greenleaf.....	38,132	July 24	123	1276
Stool. Altar-boy's.....	J. E. Brielmaier.....	38,276	Oct. 9	124	1805
Stove.....	R. Thiem.....	37,933	Apr. 3	121	1623
Stove.....	S. Boal.....	38,041	May 29	122	1682
Stove.....	F. J. Frey.....	38,083	June 12	122	2338
Stove.....	F. J. Frey.....	38,156	Aug. 7	123	1969
Stove.....	C. M. Liphart.....	38,172	Aug. 14	123	2289
Stove.....	F. A. Magee.....	38,289	Oct. 16	124	2139
Stove.....	T. R. Kennedy and E. J. King.....	38,317	Nov. 20	125	960
Stove.....	L. Carr.....	38,342	Dec. 4	125	1668
Stove. Cooking.....	E. C. Cole.....	37,908	Mar. 20	121	968
Stove. Gas.....	L. Stockstrom.....	37,926	Mar. 27	121	1301
Stove. Gas.....	C. Schaefer.....	38,304	Oct. 30	124	2862

Alphabetical list of designs—Continued.

Design.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Stove. Heating.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,370	Dec. 18	125	2629
Stove. Heating.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,371	Dec. 18	125	2329
Stove. Heating.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,372	Dec. 18	125	2629
Stove or range. Cooking.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,373	Dec. 18	125	2630
Stove or range. Cooking.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,374	Dec. 18	125	2330
Stove or range. Cooking.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,375	Dec. 18	125	2330
Stove or range. Cooking.....	W. Thompson, G. W. Cope, and W. L. Bertram.	38,376	Dec. 18	125	2330
Sugar-tongs.....	H. A. Weilman.	38,383	Dec. 25	125	2723
Suspender-box.....	A. Coleman.	38,057	June 5	122	2022
Sweetmeat-receptacle.....	W. J. Moon.	38,315	Nov. 20	125	960
Table use. Vessel for.....	F. G. Holmes.	38,324	Nov. 27	125	1308
Tablet or lozenge.....	J. Peterson.	37,874	Mar. 6	121	285
Talking-machine cabinet.....	W. C. Pitts.	38,113	July 3	123	308
Talking-machine horn.....	H. Sheble.	38,106	June 26	122	2957
Tea-shelf.....	G. F. Nolte.	38,347	Dec. 11	125	2012
Teapot or similar article.....	H. Hillbom.	38,070	June 12	122	2335
Teapot or similar article.....	M. B. Leete.	38,093	June 19	122	2638
Telephone-switchboard casing.....	F. R. McBerty.	38,027	May 22	122	1348
Tile.....	W. B. Goddard.	37,836	Feb. 20	120	2392
Tiling.....	A. G. Voight.	38,252	Sept. 25	124	1177
Tobacco-pipe bowl.....	C. H. Culpepper.	38,141	July 31	123	1644
Toilet-compound receptacle.....	T. W. Ball.	38,183	Aug. 21	123	2589
Toilet-powder receptacle.....	W. A. Bradley.	37,819	Feb. 13	120	2088
Tool-handle.....	G. E. Wood.	37,896	Mar. 13	121	646
Tool-handle.....	J. J. Tower.	37,920	Mar. 27	121	1300
Tool-handle.....	J. J. Tower.	37,921	Mar. 27	121	1300
Tool-handle.....	J. J. Tower.	37,922	Mar. 27	121	1301
Tool-handle.....	J. J. Tower.	37,923	Mar. 27	121	1301
Toy bank.....	A. C. Williams.	38,165	Aug. 14	123	2288
Toy figure.....	E. E. Quaintance.	38,334	Dec. 4	125	1666
Toy. Inflatable.....	C. Collier.	38,185	Aug. 21	123	2589
Toy safe-bank.....	E. Headley.	38,326	Nov. 27	125	1308
Toy shooting apparatus. Casing for.....	H. Künzel.	37,831	Feb. 20	120	2391
Toy whip.....	F. E. Timmins.	38,325	Nov. 27	125	1308
Transfer-sheet.....	F. Markert.	38,105	June 26	122	2957
Trivet.....	C. L. Berger.	38,078	June 12	122	2337
Trunk-lock.....	M. N. Drucker.	38,129	July 17	123	988
Trunk-trimming.....	I. Mendel.	37,959	Apr. 17	121	2277
Tumbler. Drinking.....	H. Thuemler.	38,003	May 8	122	678
Type. Font of.....	S. C. Gaunt.	38,223	Sept. 4	124	297
Type. Font of printing.....	O. W. Simons.	38,015	May 15	122	994
Type-writer frame.....	J. Alexander.	38,327	Nov. 27	125	1308
Vault-light prism.....	J. Jacobs.	38,115	July 3	123	308
Vehicle-top.....	C. Cretors.	38,042	May 29	122	1683
Vehicle-top.....	C. Cretors.	38,043	May 29	122	1683
Vending-machine case.....	H. C. Traute.	37,857	Feb. 27	120	2711
Vending-machine case.....	H. C. Traute.	37,858	Feb. 27	120	2711
Vending-machine case.....	H. C. Traute.	37,859	Feb. 27	120	2712
Vending-machine casing.....	J. E. Cahill.	37,968	Apr. 24	121	2613
Vending-machine casing.....	L. C. McLouth.	38,128	July 10	123	648
Wagon-body.....	W. S. Coffman.	37,782	Jan. 9	120	613
Wagon body. Delivery.....	C. H. T. Peters.	38,009	May 8	122	680
Wall-covering frieze.....	C. Aldin.	38,245	Sept. 18	124	879
Wall-covering frieze.....	J. Hassall.	38,246	Sept. 18	124	879
Wall-paper.....	H. W. Lloyd.	38,173	Aug. 14	123	2259
Wall-pocket or music-rack.....	C. A. Flanagan.	38,077	June 12	122	2337
Watch-charm or similar article.....	K. E. Savage.	38,331	Dec. 4	125	1665
Watch-fob.....	P. Flaherty.	38,321	Nov. 27	125	1307
Watch-fob.....	G. W. Parsons.	38,322	Nov. 27	125	1307
Watchcase.....	J. Bain.	37,971	May 1	122	299
Water-cooler or radiator tube.....	A. S. Lyhne and G. W. Baldwin.	38,369	Dec. 18	125	2329
Water receptacle or bottle.....	I. Newell.	37,907	Mar. 20	121	967
Work-table.....	G. Little.	38,149	July 31	123	1646

ALPHABETICAL LIST OF TRADE-MARKS.

Title.	Name.	No.	Date.	Official Gazette.	
				Volume.	Page.
Abdominal supports and hose-supporters. Combined.....	N. L. Digney.....	57,140	Nov. 6	125	342
Abradant.....	Carborundum Company.....	49,394	Feb. 6	120	1814
Abrading and polishing strips.....	S. S. White Dental Mfg. Co.....	53,565	June 5	122	2055
Abrading disks, wheels, and points.....	S. S. White Dental Mfg. Co.....	53,566	June 5	122	2055
Abrading materials and tools.....	Pike Manufacturing Company.....	49,396	Feb. 6	120	1814
Abrasive and polishing materials. Certain named.....	Joseph Pickering & Sons.....	58,493	Dec. 18	125	2354
Abrasive material. Carborundum.....	Carborundum Company.....	50,104	Mar. 6	121	326
Abrasive material. Paper and cloth coated with.....	H. Behr & Co.....	57,289	Nov. 13	125	653
Abrasives.....	Pittsburgh Crushed Steel Co.....	57,201	Nov. 6	125	344
Abrasives.....	Pittsburgh Crushed Steel Co.....	57,227	Nov. 6	125	344
Absorbent pads or plasters.....	G. C. Young.....	48,494	Jan. 2	120	316
Accordions.....	C. Bruno.....	52,878	May 22	122	1385
Acid and salts thereof. Oxalic and lactic.....	American Acid & Alkali Company.....	56,884	Oct. 23	124	2529
Acid. Dipropyl-barbituric.....	E. Merck.....	48,756	Jan. 9	120	652
Acid in combination with proteid. Preparation of hydrochloric.....	Fairchild Bros. & Foster.....	50,968	Apr. 3	121	1663
Acid or creosote preparation. Carbolic.....	Vapo-Cresolene Co.....	58,072	Dec. 4	125	1692
Acid or creosote preparation. Carbolic.....	Vapo-Cresolene Co.....	58,094	Dec. 4	125	1694
Acid phosphate and a syrup of phosphates.....	Chas. H. Phillips Chemical Co.....	51,493	Apr. 17	121	2316
Acid phosphate of lime. Powdered.....	Provident Chemical Works.....	51,357	Apr. 10	121	1974
Adhesive tape.....	Okonite Company.....	53,523	June 5	122	2053
Adhesive tape or cloth.....	Okonite Company.....	48,515	Jan. 2	120	317
Adhesives for calcimine and cold-water paste for wall-paper.....	Patty & Evans.....	56,794	Oct. 16	124	2175
Advertising-cartons.....	Cole Lithographing Company.....	50,925	Apr. 3	121	1662
Advertising window display-cards.....	A. Binger.....	56,744	Oct. 16	124	2173
Adzes, hatchets, and axes.....	Supplee Hardware Co.....	51,217	Apr. 10	121	1968
Agricultural implements. Hand.....	American Fork & Hoe Co.....	58,514	Dec. 18	125	2355
Agricultural machinery. Certain named.....	G. W. Silcox.....	56,470	Sept. 25	124	1202
Agricultural machinery. Certain named.....	Ohio Cultivator Company.....	57,757	Nov. 27	125	1342
Agricultural machines. Certain named.....	Fetzer & Company.....	54,745	June 26	122	3008
Agricultural machines. Certain named.....	Fetzer & Company.....	54,746	June 26	122	3008
Agricultural machines. Certain named.....	Ohio Cultivator Company.....	56,565	Oct. 9	124	1837
Albumen obtained from the treatment of starch.....	Tolhausen & Klein.....	53,017	May 22	122	1390
Alcohol.....	C. H. Graves & Sons.....	49,857	Feb. 20	120	2435
Alcohol burning compound. Solidified.....	H. T. J. Fuehrman.....	58,975	Dec. 25	125	2759
Alcohol. Methyl.....	Commonwealth Manufacturing Co.....	56,554	Oct. 9	124	1837
Ale.....	Ruter & Company.....	49,390	Feb. 6	120	1813
Ale.....	A. G. Van Nostrand.....	49,752	Feb. 13	120	2122
Ale.....	C. H. Evans & Sons.....	50,407	Mar. 13	121	684
Ale.....	S. Bolton's Sons.....	50,523	Mar. 20	121	1006
Ale.....	Robert Smith Ale Brewing Company.....	50,917	Apr. 3	121	1661
Ale.....	Boston Beer Company.....	51,776	Apr. 24	121	2653
Ale.....	James Hanley Brewing Co.....	52,036	May 1	122	340
Ale.....	Robert Smith Ale Brewing Co.....	52,469	May 8	122	721
Ale.....	J. Labatt.....	53,048	May 22	122	1391
Ale.....	Suffolk Brewing Company.....	54,121	June 19	122	2682
Ale.....	New England Brewing Company.....	54,196	June 19	122	2684
Ale.....	New England Brewing Company.....	54,435	June 26	122	2995
Ale.....	Springfield Breweries Company.....	55,163	Aug. 7	123	1983
Ale.....	Suffolk Brewing Company.....	55,252	Aug. 7	123	1986
Ale.....	Anheuser-Busch Brewing Association.....	56,860	Oct. 23	124	2528
Ale.....	William Younger & Co.....	57,049	Oct. 30	124	2897
Ale.....	Suffolk Brewing Company.....	57,662	Nov. 27	125	1339
Ale.....	McCormick Brewery Company.....	57,996	Dec. 4	125	1692
Ale.....	Bowler Brothers.....	58,274	Dec. 11	125	2040
Ale.....	George F. Hewett Co.....	58,279	Dec. 11	125	2040
Ale and porter.....	Harvard Brewing Co.....	58,306	Dec. 11	125	2041
Ale and stout.....	C. Machen & Hudson.....	51,802	Apr. 24	121	2654
Ale and stout.....	T. B. Hall & Company.....	58,933	Dec. 25	125	2758
Ale, beer, porter, and stout.....	T. B. Hall & Company.....	58,544	Dec. 18	125	2356
Ale, beer, porter, and stout.....	W. Edmonds.....	58,554	Dec. 18	125	2356
Ale. Carbonated ginger.....	Lowenstein & Co.....	50,683	Mar. 27	121	1339
Ale. Ginger.....	Luyties Brothers.....	49,158	Jan. 23	120	1160
Ale. Ginger.....	G. F. Hewett Co.....	50,267	Mar. 6	121	333
Ale. Ginger.....	S. Becker.....	51,438	Apr. 17	121	2313
Ale. Ginger.....	A. R. Holthusen.....	51,818	Apr. 24	121	2655
Ale. Ginger.....	White Rock Min. Spg. Co.....	51,855	Apr. 24	121	2656
Ale. Ginger.....	A. S. Holberg.....	52,096	May 1	122	342
Ale. Ginger.....	Standard Bottling & Extract Co.....	52,307	May 8	122	715
Ale. Ginger.....	Hagan & Dodd Co.....	53,598	June 5	122	2056
Ale. Ginger.....	Holmes & Barber.....	54,551	June 26	122	3000
Ale. Ginger.....	Hagan & Dodd Co.....	57,023	Oct. 30	124	2897
Ale, lager-beer, and porter.....	A. G. Van Nostrand.....	57,572	Nov. 13	125	661
Ale, porter, and half-and-half.....	F. Neumer.....	57,251	Nov. 6	125	345
Ale, sarsaparilla, lemon-soda, &c. Ginger.....	Westerholm Company.....	58,360	Dec. 11	125	2042
Ales.....	Arnold and Co.....	58,019	Dec. 4	125	1692
Ales, porter, half-and-half, and brown stout.....	Christian Feigenspan.....	57,327	Nov. 13	125	655
Alfalfa. Ground products of.....	California Stock Food Co.....	51,678	Apr. 24	121	2649
Alimentary products.....	Erste Wiener Export Malzfabrik Hauser & Sobotka.....	50,852	Apr. 3	121	1659
Alloy and articles of which such alloy forms a part. Metallic.....	Riverside Metal Co.....	48,706	Jan. 9	120	650
Alloy containing nickel and copper. Metal.....	International Nickel Company.....	58,191	Dec. 11	125	2038

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Alloy for bearing metal.....	Frictionless Metal Company.....	49,587	Feb. 13	120	2116
Alloys and metals used in steel-making. Ferro.....	Roessler & Hasslacher Chemical Co.....	58,959	Dec. 25	125	2758
Alloys. Metallic.....	Phosphor-Bronze Smelting Co.....	55,096	Aug. 7	123	1982
Alloys. Metallic.....	Phosphor-Bronze Smelting Co.....	55,406	Aug. 14	123	2303
Alloys. Non-ferrous.....	Lumen Bearing Company.....	49,950	Feb. 27	120	2745
Almanacs.....	Gruber Almanack Co.....	56,114	Aug. 28	123	2969
Almanacs.....	Gruber Almanack Co.....	56,167	Aug. 28	123	2970
Almond-meal compound for the toilet.....	Holton & Adams.....	56,520	Oct. 2	124	1518
Almond paste.....	H. Heide.....	54,938	Aug. 7	123	1977
Alterative, tonic, and blood-purifying compounds.....	S. K. Elliott.....	53,071	May 22	122	1392
Alteratives.....	Inland Chemical Co.....	49,567	Feb. 13	120	2115
Ammonia.....	Scrubb & Co.....	58,431	Dec. 11	125	2044
Ammonia. Aqua.....	Columbia Chemical Works.....	58,397	Dec. 11	125	2043
Ammonia-compressors.....	Vulcan Iron Works.....	49,895	Feb. 20	120	2437
Ammonium chlorid.....	Brunner, Mond & Co.....	54,966	Aug. 7	123	1978
Analgesic and sedative.....	Dr. Miles Medical Co.....	54,274	June 26	122	2988
Analgesics.....	El Zernac Co.....	51,885	Apr. 24	121	2657
Analgesics.....	El Zernac Co.....	54,615	June 26	122	3002
Analgesics.....	El Zernac Co.....	55,677	Aug. 21	123	2613
Anchors.....	Thomas Laughlin Company.....	56,104	Aug. 21	123	2624
Anesthetic.....	I. Feirstein.....	50,969	Apr. 3	121	1663
Anesthetic for dental and surgical operations.....	L. H. Knapp.....	56,369	Sept. 18	124	901
Anesthetics.....	Farbwerke vorm. Meister Lucius & Brüning.....	53,072	May 22	122	1392
Anesthetics.....	Farbwerke vorm. Meister Lucius & Brüning.....	55,744	Aug. 21	123	2615
Anesthetics. Local.....	B. B. Lawrence.....	50,725	Mar. 27	121	1341
Animal-traps.....	W. A. Reddick.....	53,641	June 5	122	2058
Anodyne.....	Dr. M. F. Groves' Sons and Co.....	48,683	Jan. 9	120	649
Anodyne possessing analgesic and antipyretic qualities.....	A. E. Stromberg.....	53,274	May 29	122	1714
Anodynes.....	Lloyd Brothers.....	52,490	May 8	122	722
Anodynes in liquid form.....	E. T. Krebs.....	56,873	Oct. 23	124	2528
"Anti-set-off" compositions.....	American Offset Company.....	50,710	Mar. 27	121	1340
Antifermentative, antiseptic, antispasmodic, antiperiodic, and anodyne.....	Pasteur Vaccine Co.....	58,768	Dec. 25	125	2753
Antineuralgic and antirheumatic.....	F. Hoffmann-La Roche & Co.....	58,757	Dec. 25	125	2753
Antipyretic and analgesic.....	Ammonol Chemical Co.....	48,700	Jan. 9	120	650
Antipyretics.....	Ammo Phenin Chemical Company.....	50,533	Mar. 20	121	1006
Antiseptic.....	H. C. Pope.....	48,694	Jan. 9	120	650
Antiseptic.....	R. S. Walker.....	50,256	Mar. 6	121	332
Antiseptic and detergent washes.....	Hy-Jen Chemical Co.....	49,566	Feb. 13	120	2115
Antiseptic and disinfectant. Liquid.....	C. V. Dornan.....	52,415	May 8	122	719
Antiseptic and germicide.....	Budner Pharmacal Company.....	49,495	Feb. 6	120	1818
Antiseptic and germicide. Alkaline.....	Girard Company.....	50,719	Mar. 27	121	1340
Antiseptic and germicide preparations.....	Gold Spirit Chemical Co.....	51,555	Apr. 17	121	2318
Antiseptic and uric-acid solvent. Urinary.....	Chemische Fabrik Auf Actien (vorm. E. Schering).....	58,394	Dec. 11	125	2043
Antiseptic compound.....	P. Harkansson.....	50,233	Mar. 6	121	331
Antiseptic compound.....	Hylin & Co. Fabriks Aktiebolag.....	54,332	June 26	122	2991
Antiseptic dressing.....	W. G. Hughes Company.....	54,044	June 19	122	2679
Antiseptic dressing for sores, &c.....	Lloyd Brothers.....	56,644	Oct. 16	124	2171
Antiseptic for local and internal use.....	H. K. Mulford Company.....	51,646	Apr. 17	121	2322
Antiseptic germ, insect, and worm destroyer.....	National Medical Company.....	53,227	May 29	122	1712
Antiseptic germ, insect, and worm destroyer.....	National Medical Company.....	56,323	Sept. 11	124	619
Antiseptic, germicide, and disinfectant.....	Frederick C. Adams.....	57,554	Nov. 13	125	661
Antiseptic liquid.....	Hudson & Co.....	49,565	Feb. 13	120	2115
Antiseptic mouth-wash.....	F. Loeser & Co.....	58,106	Dec. 4	125	1695
Antiseptic non-fatty and soluble lubricating-jelly.....	Van Horn & Sawtell.....	54,124	June 19	122	2682
Antiseptic or disinfecting chemical compound.....	Hance Bros. & White.....	52,778	May 15	122	1040
Antiseptic, prophylactic disinfectants, and parasitocides.....	Colytine Chemical Co.....	49,147	Jan. 23	120	1160
Antiseptic refrigerants for wounds.....	G. H. Tichenor.....	50,560	Mar. 20	121	1008
Antiseptic solution.....	Mercer Chemical Company.....	51,593	Apr. 17	121	2319
Antiseptic solution.....	N. M. Hoon.....	52,142	May 1	122	344
Antiseptic solution.....	J. H. Eberhardt.....	52,171	May 1	122	345
Antiseptics.....	J. T. Wetherald.....	48,709	Jan. 9	120	650
Antiseptics.....	Lloyd Brothers.....	50,515	Mar. 20	121	1006
Antiseptics.....	Frederick Stearns & Co.....	55,745	Aug. 21	123	2615
Antiseptics and deodorants.....	Farbwerke vorm. Meister Lucius & Brüning.....	52,135	May 1	122	344
Antiseptics and germicides.....	M. W. Savage.....	51,503	Apr. 17	121	2301
Antiseptics and washes for the mouth and teeth.....	F. A. Schulz.....	54,583	June 26	122	3016
Antiseptics for internal and external use.....	T. Anda.....	51,916	Apr. 24	121	2658
Antiseptics, germicides, and disinfectants.....	Stein-Falkner Company.....	56,155	Aug. 28	123	2970
Antiseptics or germicides.....	Lloyd Brothers.....	50,519	Mar. 20	121	1006
Antiseptics or germicides.....	J. F. Ballard.....	53,196	May 29	122	1711
Antiseptics or germicides.....	J. F. Ballard.....	53,197	May 29	122	1711
Anvils.....	C. F. Boker.....	49,144	Jan. 23	120	1160
Anvils.....	Wiebusch & Hilger.....	50,635	Mar. 27	121	1337
Anvils.....	P. Wright & Sons.....	55,529	Aug. 14	123	2306
Arch-supporters.....	A. E. Little & Company.....	57,463	Nov. 13	125	658
Art drapery-ropes.....	Eddystone Manufacturing Company.....	52,358	May 8	122	717
Asbestos sock-soles.....	Dr. Högyes' Asbestos Sock Coy.....	50,833	Apr. 3	121	1658
Aseptic preparation.....	H. K. Mulford Company.....	50,043	Feb. 27	120	2749
Asphalt.....	Warren Chemical & Manufacturing Company.....	50,084	Mar. 6	121	326
Asphalt.....	Warren Chemical & Manufacturing Company.....	52,049	May 1	122	341
Asphalt.....	Warren Chemical & Manufacturing Company.....	53,652	June 5	122	2058
Asphalt mastic.....	Gabriel & Schall.....	49,014	Jan. 23	120	1155
Asphalt mastic.....	Gabriel & Schall.....	54,005	June 19	122	2677
Asphalt. Mineral.....	Sicilian Asphalt Paving Co.....	58,810	Dec. 25	125	2754
Asphaltic waterproofing compound.....	Hydrex Felt & Engineering Co.....	50,854	Apr. 3	121	1659
Asphaltum. Refined.....	Southern Refining Company.....	53,232	May 29	122	1712

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Asthma and kidney cure	J. H. Guild, M. D.	58,948	Dec. 25	125	2758
Atomizers and powder-blowers	De Vilbiss Manufacturing Company.	56,005	Aug. 21	123	2622
Augers, bits, and gimlets	Simmons Hardware Company ..	53,710	June 12	122	2377
Autographic registers	Carter-Crume Co.	50,346	Mar. 13	121	682
Automobile commutators, induction-coils, and switches	L. Rubay	58,805	Dec. 25	125	2754
Automobile-horns	Gabriel Horn Mfg. Co.	51,032	Apr. 3	121	1666
Automobile-tires and tire-treads	C. J. Bailey	55,364	Aug. 14	123	2301
Automobile vehicles	Reo Car Co.	54,722	June 26	122	3007
Automobiles	Knox Automobile Company	49,905	Feb. 20	120	2437
Automobiles	Studebaker Automobile Company	49,915	Feb. 20	120	2438
Automobiles	St. Louis Motor Carriage Co.	49,959	Feb. 27	120	2746
Automobiles	Premier Motor Manufacturing Company.	52,872	May 22	122	1385
Automobiles	Aerocar Company	52,895	May 22	122	1385
Automobiles	Aerocar Company	52,896	May 22	122	1386
Automobiles	J. C. Higdon	53,725	June 12	122	2377
Automobiles	Hol-Tan Company	54,281	June 26	122	2989
Automobiles	St. Louis Motor Carriage Co.	54,758	June 26	122	3008
Automobiles	Cadillac Automobile Company ..	54,931	Aug. 7	123	1977
Automobiles	Knox Motor Truck Co.	55,088	Aug. 7	123	1981
Automobiles	T. B. Jeffery & Co.	56,185	Aug. 28	123	2971
Automobiles	Hol-Tan Company	56,960	Oct. 30	124	2895
Automobiles	B. A. Gramm	57,993	Dec. 4	125	1692
Automobiles and motor-cars	B. A. Gramm	49,234	Jan. 30	120	1469
Automobiles and parts thereof	Pope Manufacturing Company ..	54,924	Aug. 7	123	1977
Automobiles and their component parts	Birmingham Small Arms Co.	50,830	Apr. 3	121	1658
Awls and punches. Belt	Greene Tweed & Co.	52,035	May 1	122	340
Awning-cloths, duck, and canvas	Hoffman-Corr Mfg. Co.	56,643	Oct. 16	124	2171
Axes	American Tool Company	51,722	Apr. 24	121	2651
Axes	American Tool Company	52,943	May 22	122	1387
Axes, adzes, and hatchets	Evansville Tool Works	50,589	Mar. 27	121	1335
Axes, adzes, and hatchets	F. W. Peck	52,106	May 1	122	343
Axes and hatchets	Supplee Hardware Company	49,916	Feb. 20	120	2438
Axes and hatchets	Supplee Hardware Company	51,216	Apr. 10	121	1968
Axes and hatchets	National Cutlery Co.	52,013	May 1	122	339
Axes and hatchets. Steel	H. Keidel	52,331	May 8	122	716
Axes, hatchets, and adzes	Supplee Hardware Co.	49,167	Jan. 23	120	1161
Axes, hatchets, and adzes	Collins Company	50,138	Mar. 6	121	328
Axes, hatchets, and adzes	Collins Company	50,481	Mar. 20	121	1004
Axes, hatchets, and adzes	Supplee Hardware Company	52,687	May 15	122	1036
Axes, hatchets, and adzes	Hibbard, Spencer, Bartlett & Company.	54,059	June 19	122	2679
Axes, hatchets, and adzes	Hibbard, Spencer, Bartlett & Company.	54,061	June 19	122	2679
Axes, hatchets, and adzes	Hibbard, Spencer, Bartlett & Company.	54,106	June 19	122	2681
Axes, hatchets, and adzes	Hibbard, Spencer, Bartlett & Company.	54,107	June 19	122	2681
Axes, hatchets, and adzes	Hibbard, Spencer, Bartlett & Company.	55,180	Aug. 7	123	1984
Axle-grease	Hill Top Oil Co.	53,461	June 5	122	2050
Bacon	L. Stutz & Sons	56,484	Sept. 25	124	1203
Bacon	F. A. Ferris & Company	56,682	Oct. 16	124	2172
Bacon and ham. Breakfast	Schwarzschild and Sulzberger Company.	56,359	Sept. 18	124	901
Bacon and hams	John Morrell & Company	52,211	May 1	122	347
Bactericides	Griserin-Werke Paul Camphausen G. m. b. H.	57,505	Nov. 13	125	659
Badges. Gold-plated	Irons & Russell	49,860	Feb. 20	120	2436
Badges. Solid-gold	Irons & Russell	50,328	Mar. 13	121	681
Bagging	American Manufacturing Company.	55,963	Aug. 21	123	2620
Bagging	American Manufacturing Company.	55,964	Aug. 21	123	2620
Bagging	American Manufacturing Company.	55,965	Aug. 21	123	2621
Bagging	American Manufacturing Company.	56,028	Aug. 21	123	2622
Bagging	American Manufacturing Company.	56,029	Aug. 21	123	2622
Bagging	American Manufacturing Company.	56,030	Aug. 21	123	2622
Bagging. Jute	Ludlow Manfg. Associates	48,995	Jan. 16	120	899
Bagging. Jute	Ludlow Manfg. Associates	48,996	Jan. 16	120	899
Bagging. Jute	Ludlow Manfg. Associates	48,997	Jan. 16	120	899
Bagging. Jute	Ludlow Manfg. Associates	48,998	Jan. 16	120	899
Bagging. Jute	Ludlow Manfg. Associates	48,999	Jan. 16	120	899
Bagging. Jute	Ludlow Manfg. Associates	49,000	Jan. 16	120	899
Bags	S. Nusbaum	52,403	May 8	122	719
Bags of paper, cloth, &c.	Eagle Paper Co.	50,873	Apr. 3	121	1659
Bags. Paper	Union Bag & Paper Company ..	54,953	Aug. 7	123	1978
Bags. Seamless woven	Stark Mills	49,007	Jan. 16	120	899
Bags. Seamless woven	Stark Mills	55,789	Aug. 21	123	2616
Bakery products and cereal foods. Certain named	Johnson Educator Food Co.	57,146	Nov. 6	125	342
Bakery products. Certain named	Mountain City Mill Co.	55,931	Aug. 21	123	2620
Bakery products. Certain named	Mountain City Mill Co.	55,932	Aug. 21	123	2620
Bakery products. Certain named	Mountain City Mill Co.	55,933	Aug. 21	123	2620
Bakery products. Certain named	Mountain City Mill Co.	56,073	Aug. 21	123	2623
Bakery products. Certain named	Griggs, Cooper & Company	56,163	Aug. 28	123	2976
Bakery products. Certain named	H. S. Kelsey	56,171	Aug. 28	123	2970
Bakery products. Certain named	Mountain City Mill Co.	56,355	Sept. 18	124	901
Bakery products. Certain named	Mountain City Mill Co.	56,356	Sept. 18	124	901
Baking-powder	Price Baking Powder Company ..	49,006	Jan. 16	120	899
Baking-powder	S. W. Williams	49,088	Jan. 23	120	1158
Baking-powder	Sea Gull Specialty Co	49,549	Feb. 6	120	1820

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Baking-powder.....	J. C. Grant Chemical Company...	49,861	Feb. 20	120	2436
Baking-powder.....	Hulman & Co.....	49,902	Feb. 20	120	2437
Baking-powder.....	Hulman & Co.....	50,272	Mar. 6	121	333
Baking-powder.....	Price Baking Powder Company...	50,421	Mar. 13	121	685
Baking-powder.....	Jack Frost Baking Powder Co.....	50,616	Mar. 27	121	1336
Baking-powder.....	Southern Manufacturing Co.....	51,062	Apr. 3	121	1667
Baking-powder.....	J. D. & R. S. Christian Co.....	51,324	Apr. 10	121	1972
Baking-powder.....	Crescent Manufacturing Co.....	51,340	Apr. 10	121	1973
Baking-powder.....	Sprague, Warner & Company.....	52,185	May 1	122	346
Baking-powder.....	Grand Union Tea Co.....	52,325	May 8	122	715
Baking-powder.....	E. M. Chase Co.....	52,641	May 15	122	1034
Baking-powder.....	Price Baking Powder Company...	52,734	May 15	122	1038
Baking-powder.....	F. L. Zabriskie.....	52,968	May 22	122	1388
Baking-powder.....	Cleveland Baking Powder Com- pany.....	52,994	May 22	122	1389
Baking-powder.....	Sprague, Warner & Company.....	53,013	May 22	122	1390
Baking-powder.....	E. Ottenheimer & Sons.....	53,466	June 5	122	2051
Baking-powder.....	Tone Bros.....	53,798	June 12	122	2380
Baking-powder.....	Schwabacher Bros. & Co.....	54,197	June 19	122	2685
Baking-powder.....	Howell Mfg. Co.....	54,552	June 26	122	3000
Baking-powder.....	Sprague, Warner & Company.....	55,442	Aug. 14	123	2303
Baking-powder.....	L. K. Adams.....	55,654	Aug. 21	123	2612
Baking-powder.....	Closset & Devers.....	56,537	Oct. 2	124	1518
Baking-powder.....	Cleveland Baking Powder Com- pany.....	57,212	Nov. 6	125	344
Baking-powder.....	S. Scheuer & Co.....	57,543	Nov. 13	125	660
Baking-powder.....	E. Metzner.....	58,108	Dec. 4	125	1695
Baking-powder.....	S. S. Pierce Co.....	58,713	Dec. 25	125	2752
Baking-powder.....	E. Metzner.....	58,762	Dec. 25	125	2753
Baking-powder, bicarbonate of soda, and cream of tartar	A. Schilling & Company.....	50,478	Mar. 20	121	1004
Baking-powder, bicarbonate of soda, cream of tartar, and yeast- powder.....	E. R. Durkee & Co.....	57,530	Nov. 13	125	660
Baking-powder, bicarbonate soda, and cream of tartar.....	A. Schilling & Company.....	58,712	Dec. 25	125	2752
Baking-powder, cream of tartar, and baking-soda.....	E. R. Durkee & Co.....	48,921	Jan. 16	120	896
Baking-powder, cream of tartar, saleratus, and bicarbonate of soda.....	E. R. Durkee & Co.....	53,202	May 29	122	1711
Baling presses. Hay.....	Sandwich Manufacturing Co.....	48,723	Jan. 9	120	651
Baling presses. Hay.....	Sandwich Manufacturing Co.....	48,724	Jan. 9	120	651
Baling presses. Hay.....	Sandwich Manufacturing Co.....	49,165	Jan. 23	120	1161
Balls. Base.....	C. Dirsch.....	48,521	Jan. 2	120	318
Balls. Base.....	A. J. Reach Co.....	49,987	Feb. 27	120	2747
Balls. Base.....	A. J. Reach Co.....	50,637	Mar. 27	121	1337
Balls. Base, cricket, basket, and foot.....	A. J. Reach Co.....	51,825	Apr. 24	121	2655
Balls. Base, foot, and tennis.....	Hibbard, Spencer, Bartlett & Company.....	54,141	June 19	122	2682
Balls. Foot, base, and tennis.....	Hibbard, Spencer, Bartlett & Company.....	54,079	June 19	122	2680
Balls. Golf.....	A. G. Spalding & Bros.....	52,125	May 1	122	343
Balls. Golf.....	Kempsall Manufacturing Com- pany.....	56,139	Aug. 28	123	2969
Balm for the complexion.....	W. P. Ward.....	52,503	May 8	122	723
Banjo-heads and drumheads.....	Duplex Manufacturing Company...	50,540	Mar. 20	121	1007
Banjo-strings.....	Lyon & Healy.....	57,101	Nov. 6	125	341
Banjos.....	Lyon & Healy.....	51,373	Apr. 17	121	2311
Barrels, kegs, buckets, and pails.....	Union Cooperage Co.....	55,515	Aug. 14	123	2305
Basin and bath supplies. Flexible-joint connections for.....	Wolverine Brass Works.....	54,957	Aug. 7	123	1978
Bath-tubs.....	Standard Sanitary Mfg. Co.....	53,016	May 22	122	1390
Bath-tubs and lavatories.....	Kellogg-Mackay-Cameron Co.....	51,616	Apr. 17	121	2320
Bath-tubs and sinks.....	Standard Sanitary Mfg. Co.....	51,910	Apr. 24	121	2658
Bath-tubs. Enamel metallic.....	Louis Lipp Co.....	57,464	Nov. 13	125	658
Bath-tubs, washstands, sinks, &c. Enameled-iron.....	Wheeling Enameled-Iron Co.....	57,393	Nov. 13	125	656
Bats. Base-ball.....	A. G. Spalding & Bros.....	50,636	Mar. 27	121	1337
Bats. Base-ball.....	J. F. Hillerich & Son.....	50,812	Apr. 3	121	1657
Bats. Base-ball.....	C. P. Young.....	54,091	June 19	122	2680
Bats. Base-ball.....	J. F. Hillerich & Son.....	56,894	Oct. 23	124	2529
Batteries.....	H. Wilhelm Battery Co.....	56,995	Oct. 30	124	2896
Batteries. Dry.....	Nungesser Electric Battery Co....	51,821	Apr. 24	121	2655
Batteries. Dry.....	Empire State Dry Battery Co....	52,950	May 22	122	1388
Batteries. Dry.....	Sibley & Pitman.....	57,068	Oct. 30	124	2898
Batteries. Dry and wet.....	Ericsson Telephone Company.....	51,789	Apr. 24	121	2653
Batteries. Electric.....	Leclanché Battery Co.....	50,937	Apr. 3	121	1662
Batteries. Storage.....	Storage Battery Supply Co.....	50,837	Apr. 3	121	1658
Battery-cells. Hard-rubber.....	American Hard Rubber Co.....	54,860	July 31	123	1659
Beans. Dried.....	Albert Dickinson Company.....	49,917	Feb. 20	120	2438
Bearings. Ball.....	Hess-Bright Manufacturing Co.....	50,105	Mar. 6	121	326
Bearings. Ball.....	Hess-Bright Manufacturing Co.....	53,631	June 5	122	2057
Bearings, bushings, and journals. Metal.....	North American Metaline Co.....	51,247	Apr. 10	121	1969
Bearings. Machine.....	N. Mellor.....	56,563	Oct. 9	124	1837
Bearings. Roller and ball.....	Bantam Anti-Friction Company.....	56,912	Oct. 23	124	2529
Bed-bottoms and bedsteads.....	National Spring Bed Company....	48,832	Jan. 16	120	893
Beds. Davenport.....	C. J. Kindel Bedding Company.....	52,412	May 8	122	719
Bedsteads.....	Hale and Kilburn Manufacturing Company.....	57,215	Nov. 6	125	344
Bedsteads. Metal.....	Marion Iron & Brass Bed Co.....	49,126	Jan. 23	120	1159
Beef extract.....	Cudahy Packing Co.....	50,296	Mar. 6	121	334
Beef extract.....	Pioneer Packing Company.....	52,984	May 22	122	1389
Beef extracts and beef, iron, and wine.....	Pioneer Extract Company.....	52,782	May 15	122	1040
Beef-juice.....	Bovine Company.....	48,863	Jan. 16	120	894
Beef oil or fat.....	Schwarzschild and Sulzberger Company.....	58,136	Dec. 4	125	1695
Beef. Pickled or corned.....	Swift and Company.....	56,103	Aug. 21	123	2624
Beef, pork, and mutton. Fresh.....	Agar Packing Company.....	52,928	May 22	122	1387
Beef. Powdered dry.....	C. Marchand.....	57,149	Nov. 6	125	342
Beef, tongue, and lard. Roast.....	Schwarzschild and Sulzberger Company.....	57,610	Nov. 13	125	662
Beef-tongue. Preserved.....	H. Rehfeld.....	56,692	Oct. 16	124	2172

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Beer.....	Gottfried Brewing Company.....	48,497	Jan. 2	120	317
Beer.....	Indianapolis Brewing Company.....	48,512	Jan. 2	120	317
Beer.....	Indianapolis Brewing Company.....	48,513	Jan. 2	120	317
Beer.....	San Diego Brewing Co.....	48,517	Jan. 2	120	317
Beer.....	Theo. Hamm Brewing Co.....	48,568	Jan. 2	120	320
Beer.....	John Eichler Brewing Co.....	48,728	Jan. 9	120	651
Beer.....	J. Ruppert.....	49,956	Feb. 27	120	2746
Beer.....	J. Ruppert.....	49,957	Feb. 27	120	2746
Beer.....	J. Ruppert.....	49,958	Feb. 27	120	2746
Beer.....	Pabst Brewing Company.....	49,975	Feb. 27	120	2746
Beer.....	John Brenner Brewing Co.....	50,736	Mar. 27	121	1341
Beer.....	Anheuser-Busch Brewing Association.	50,895	Apr. 3	121	1660
Beer.....	Christian Moerlein Brewing Co....	51,206	Apr. 10	121	1968
Beer.....	J. L. Hoerber Brewing Co.....	51,293	Apr. 10	121	1971
Beer.....	Storz Brewing Co.....	51,429	Apr. 17	121	2313
Beer.....	Anheuser-Busch Brewing Association.	51,436	Apr. 17	121	2313
Beer.....	Independent Brewing Ass'n.....	51,469	Apr. 17	121	2315
Beer.....	Hoster-Columbus Associated Breweries Co.	51,681	Apr. 24	121	2649
Beer.....	Western Brewery Co.....	52,495	May 8	122	722
Beer.....	Anheuser-Busch Brewing Association.	52,633	May 15	122	1034
Beer.....	Bergner & Engel Brewing Co.....	52,635	May 15	122	1034
Beer.....	N. Benjamin Son.....	52,759	May 15	122	1039
Beer.....	Anheuser-Busch Brewing Association.	52,992	May 22	122	1389
Beer.....	United States Brewing Company of Chicago.	53,262	May 29	122	1713
Beer.....	Springfield Breweries Company..	53,499	June 5	122	2052
Beer.....	Anheuser-Busch Brewing Association.	53,875	June 12	122	2383
Beer.....	Hoster-Columbus Associated Breweries Co.	53,884	June 12	122	2384
Beer.....	New England Brewing Company.	53,932	June 12	122	2386
Beer.....	Wacker & Birk Br'g & M't'g Co.	53,942	June 12	122	2386
Beer.....	Curran and Joyce Co.....	54,594	June 26	122	3001
Beer.....	Hoster-Columbus Associated Breweries Co.	54,602	June 26	122	3002
Beer.....	Hoster-Columbus Associated Breweries Co.	54,603	June 26	122	3002
Beer.....	Minneapolis Brewing Co.....	54,642	June 26	122	3003
Beer.....	Minneapolis Brewing Co.....	54,643	June 26	122	3003
Beer.....	J. Ruppert.....	55,161	Aug. 7	123	1988
Beer.....	Wacker & Birk Br'g & M't'g Co.	55,224	Aug. 7	123	1985
Beer.....	Aktienbrauerei zum Löwenbräu in München.	55,257	Aug. 14	123	2290
Beer.....	Aktienbrauerei zum Löwenbräu in München.	55,258	Aug. 14	123	2299
Beer.....	Aktienbrauerei zum Löwenbräu in München.	55,259	Aug. 14	123	2299
Beer.....	Robert Porter & Company.....	55,273	Aug. 14	123	2299
Beer.....	Clinton Brewing Co.....	55,667	Aug. 21	123	2613
Beer.....	Consumers Brewing Company.....	55,670	Aug. 21	123	2613
Beer.....	Pittsburgh Brewing Company.....	55,707	Aug. 21	123	2614
Beer.....	Pabst Brewing Company.....	55,858	Aug. 21	123	2618
Beer.....	A. J. Houghton Co.....	55,869	Aug. 21	123	2618
Beer.....	Anheuser-Busch Brewing Association.	55,870	Aug. 21	123	2618
Beer.....	Suffolk Brewing Company.....	55,995	Aug. 21	123	2621
Beer.....	Park Brewing Co.....	56,593	Oct. 9	124	1838
Beer.....	G. Sedlmayr.....	56,628	Oct. 9	124	1839
Beer.....	C. F. Lauber.....	56,699	Oct. 16	124	2172
Beer.....	Anheuser-Busch Brewing Association.	56,861	Oct. 23	124	2528
Beer.....	Anheuser-Busch Brewing Association.	56,862	Oct. 23	124	2528
Beer.....	Anheuser-Busch Brewing Association.	56,863	Oct. 23	124	2528
Beer.....	Anheuser-Busch Brewing Association.	56,911	Oct. 23	124	2529
Beer.....	Reisch Brewing Co.....	56,934	Oct. 23	124	2530
Beer.....	Lone Star Brewing Co.....	57,028	Oct. 30	124	2897
Beer.....	Anheuser-Busch Brewing Association.	57,032	Oct. 30	124	2897
Beer.....	Aktienbrauerei zum Löwenbräu in München.	57,176	Nov. 6	125	343
Beer.....	Pabst Brewing Company.....	57,226	Nov. 6	125	344
Beer.....	Pabst Brewing Company.....	57,334	Nov. 13	125	655
Beer.....	Anheuser-Busch Brewing Association.	57,491	Nov. 13	125	659
Beer.....	Monumental Brewing Co. of Baltimore City.	57,514	Nov. 13	125	660
Beer.....	Anheuser-Busch Brewing Association.	57,555	Nov. 13	125	661
Beer.....	Meux's Brewery Company.....	57,655	Nov. 27	125	1339
Beer.....	Anheuser-Busch Brewing Association.	57,669	Nov. 27	125	1340
Beer.....	Anheuser-Busch Brewing Association.	57,670	Nov. 27	125	1340
Beer.....	Anheuser-Busch Brewing Association.	57,691	Nov. 27	125	1340
Beer.....	C. Kern Brewing Co.....	57,697	Nov. 27	125	1340

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Beer.....	Anheuser-Busch Brewing Association.	57,991	Dec. 4	125	1692
Beer.....	Fabst Brewing Company.....	57,998	Dec. 4	125	1692
Beer.....	Fabst Brewing Company.....	57,999	Dec. 4	125	1692
Beer.....	Ebling Brewing Co.....	58,030	Dec. 4	125	1693
Beer.....	Willow Springs Brewing Co.....	58,247	Dec. 11	125	2039
Beer.....	Davenport Malting Co.....	58,299	Dec. 11	125	2040
Beer.....	Voigt Brewing Co.....	58,329	Dec. 11	125	2041
Beer.....	Dayton Breweries Co.....	58,637	Dec. 18	125	2358
Beer.....	Unionsbrauerei Schüleln & Co. Aktien-Gesellschaft.	58,812	Dec. 25	125	2754
Beer.....	C. A. Lammers Bottling Co.....	58,850	Dec. 25	125	2755
Beer.....	Joseph Streckle Brewing Company.	59,002	Dec. 25	125	2760
Beer, ale, and brown stout.....	C. F. Lauber.....	57,513	Nov. 13	125	660
Beer, ale, and porter. Lager.....	Du Bois Brewing Company.....	57,328	Nov. 13	125	655
Beer, ale, and porter. Lager.....	Du Bois Brewing Company.....	57,342	Nov. 13	125	655
Beer, ale, and porter. Lager.....	Du Bois Brewing Company.....	58,020	Dec. 4	125	1692
Beer and bottled beer. Lager.....	Terre Haute Brewing Co.....	48,943	Jan. 16	120	897
Beer and bottled beer. Lager.....	Terre Haute Brewing Co.....	51,485	Apr. 17	121	2315
Beer and lager-beer.....	Harvard Brewing Co.....	52,484	May 8	122	722
Beer and lager-beer.....	Harvard Brewing Co.....	52,646	May 15	122	1034
Beer and lager-beer.....	Harvard Brewing Co.....	53,881	June 12	122	2384
Beer and lager-beer.....	Harvard Brewing Co.....	56,321	Sept. 11	124	619
Beer and lager-beer.....	Henry Elias Brewing Company.....	58,280	Dec. 11	125	2040
Beer and malt extracts. Lager.....	Fortune Bros. Brew. Co.....	58,884	Dec. 25	125	2756
Beer and porter.....	T. B. Hall & Co.....	58,934	Dec. 25	125	2758
Beer in bottles.....	Cleveland & Sandusky Brewing Company.	52,091	May 1	122	342
Beer. Bottled lager.....	Valentin Blatz Brewing Co.....	49,804	Feb. 20	120	2433
Beer. Lager.....	C. Schmidt and Sons Brewing Company.	48,496	Jan. 2	120	317
Beer. Lager.....	Louis Bergdoll Brewing Company.	48,732	Jan. 9	120	651
Beer. Lager.....	Christian Feigenspan.....	48,846	Jan. 16	120	893
Beer. Lager.....	Dubague Brewing & Malting Co. J. Ruppert.....	49,273	Jan. 30	120	1470
Beer. Lager.....	J. Ruppert.....	49,727	Feb. 13	120	2121
Beer. Lager.....	Zeltner Brewing Co.....	49,754	Feb. 13	120	2122
Beer. Lager.....	S. S. Pierce Co.....	49,978	Feb. 27	120	2747
Beer. Lager.....	J. Chr. G. Hupfel Brewing Co.....	50,022	Feb. 27	120	2748
Beer. Lager.....	F. A. Poth & Sons.....	50,069	Mar. 6	121	325
Beer. Lager.....	Consumers Park Brewing Co.....	50,665	Mar. 27	121	1338
Beer. Lager.....	Quinn & Nolan Beverwyck Brewing Company.	51,249	Apr. 10	121	1969
Beer. Lager.....	William Peter Br'g Co.....	51,693	Apr. 24	121	2649
Beer. Lager.....	Olympia Brewing Co.....	51,997	May 1	122	338
Beer. Lager.....	Joseph Schlitz Brewing Company.	52,011	May 1	122	339
Beer. Lager.....	Christian Feigenspan, a Corporation.	52,507	May 8	122	723
Beer. Lager.....	Consumers Park Brewing Co.....	52,510	May 8	122	723
Beer. Lager.....	Hudson County Consumers Brewing Co.	52,520	May 8	122	723
Beer. Lager.....	John F. Wiessner & Son's Brewing Co. of Baltimore City.	52,585	May 15	122	1032
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,149	May 29	122	1709
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,182	May 29	122	1710
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,183	May 29	122	1710
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,184	May 29	122	1710
Beer. Lager.....	Hartmann Brewing Company.....	53,421	June 5	122	2049
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,428	June 5	122	2049
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,429	June 5	122	2049
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,430	June 5	122	2049
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,431	June 5	122	2049
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,432	June 5	122	2049
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,433	June 5	122	2049
Beer. Lager.....	A. Finck & Son.....	53,595	June 5	122	2056
Beer. Lager.....	Peter Schoenhofen Brewing Company.	53,893	June 12	122	2384
Beer. Lager.....	Beadleston & Woerz.....	54,128	June 19	122	2682
Beer. Lager.....	Peter Schoenhofen Brewing Company.	54,644	June 26	122	3003
Beer. Lager.....	Iroquois Brewing Co.....	55,875	Aug. 21	123	2618
Beer. Lager.....	Peter Schoenhofen Brewing Company.	55,880	Aug. 21	123	2618
Beer. Lager.....	C. Schmidt and Sons Brewing Company.	56,695	Oct. 16	124	2172
Beer. Lager.....	Mathie Brewing Company.....	57,080	Nov. 27	125	1340
Beer. Lager.....	Mathie Brewing Company.....	57,718	Nov. 27	125	1341
Beer. Lager.....	Peter Schoenhofen Brewing Company.	58,314	Dec. 11	125	2041
Beer. Lager.....	Peter Schoenhofen Brewing Company.	58,565	Dec. 18	125	2356
Beer. Lager.....	Peter Schoenhofen Brewing Company.	58,566	Dec. 18	125	2356
Beer. Lager and bottled.....	Terre Haute Brewing Co.....	52,762	May 15	122	1039

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Beer. Lager and bottled	Terre Haute Brewing Co.	57,345	Nov. 13	125	655
Beer. Lager and bottled	Terre Haute Brewing Co.	57,346	Nov. 13	125	655
Beer, lemon-soda, sarsaparilla, ginger-ale. Root-	Sprague, Warner & Company	57,234	Nov. 6	125	345
Beer, porter, and malt extract.	Indianapolis Brewing Company	57,711	Nov. 27	125	1341
Beer, root-beer extract, and dry ingredients for making root-beer. Root-	Charles E. Hires Company	54,465	June 26	122	2996
Beers.	Beadlestone & Woerz	54,097	June 19	122	2681
Beet-pullers and potato-diggers	Moline Plow Co.	56,018	Aug. 21	123	2622
Bells. Certain named.	Frank Mossberg Co.	57,780	Nov. 27	125	1343
Bells. Farm, church, and school	C. S. Bell Co.	50,832	Apr. 3	121	1658
Belt-couplings	Greene Tweed & Co.	51,556	Apr. 17	121	2318
Belt-dressing	Stephenson Mfg. Co.	51,251	Apr. 10	121	1969
Belt-dressing	Keheew-Bradley Company	56,792	Oct. 16	124	2175
Belt-dressings	Black Diamond Manufacturing Company	51,204	Apr. 10	121	1968
Belt-dressings	Black Diamond Manufacturing Company	51,205	Apr. 10	121	1968
Belt-dressings	Coupe Bros.	58,479	Dec. 18	125	2354
Belt-fasteners	Greene, Tweed & Co.	50,373	Mar. 13	121	683
Belt-fasteners	Greene Tweed & Co.	52,359	May 8	122	717
Belt-fasteners	Greene Tweed & Co.	52,519	May 8	122	723
Belt-lacing. Metallic	Kerr & Company	55,084	Aug. 7	123	1981
Belt-preservatives and fillers	Cling-Surface Company	53,307	May 29	122	1715
Belts. Ladies'	A. E. Tomlinson	51,670	Apr. 17	121	2322
Belts. Silk, duck, and leather.	Leo I. Meinhard Company	56,572	Oct. 9	124	1837
Belting	Akron Belting Company	52,286	May 8	122	714
Belting	J. A. & W. Bird & Co.	58,248	Dec. 11	125	2039
Belting	Chesapeake Belting Co.	58,297	Dec. 11	125	2040
Belting and hose	Revere Rubber Company	58,351	Dec. 11	125	2042
Belting and machinery packings	Revere Rubber Company	58,375	Dec. 11	125	2042
Belting and packing. Leather	J. E. Rhoads & Sons	56,567	Oct. 9	124	1837
Belting and packing. Leather	J. E. Rhoads & Sons	56,568	Oct. 9	124	1837
Belting. Canvas stitched and balata	New York Leather Belting Co.	49,479	Feb. 6	120	1817
Belting. Certain named woven	F. Reddaway & Co.	55,025	Aug. 7	123	1980
Belting, hose, and machinery packings	Revere Rubber Company	57,005	Oct. 30	124	2896
Belting, hose, and machinery packings	Revere Rubber Company	57,230	Nov. 6	125	344
Belting, hose, and machinery packings	Revere Rubber Company	57,252	Nov. 6	125	345
Belting, hose, and machinery packings	Revere Rubber Company	57,359	Nov. 13	125	655
Belting, hose, and machinery packings	Revere Rubber Company	57,371	Nov. 13	125	656
Belting, hose, and machinery packings	Revere Rubber Company	57,388	Nov. 13	125	656
Belting, hose, and machinery packings	Revere Rubber Company	57,389	Nov. 13	125	656
Belting, hose, and machinery packings	Revere Rubber Company	57,402	Nov. 13	125	657
Belting, hose, and machinery packings	Revere Rubber Company	57,403	Nov. 13	125	657
Belting, hose, and machinery packings	Revere Rubber Company	57,432	Nov. 13	125	657
Belting, hose, and machinery packings	Revere Rubber Company	57,473	Nov. 13	125	659
Belting. Leather	Graton and Knight Manufacturing Company	49,546	Feb. 6	120	1820
Belting. Leather	Patterson, Gottfried & Hunter	50,157	Mar. 6	121	329
Belting. Leather	Republic Belting & Supply Co.	54,581	June 26	122	3001
Belting. Leather	Baltimore Belting Company	55,918	Aug. 21	123	2619
Belting. Leather	Baltimore Belting Company	55,935	Aug. 21	123	2620
Belting. Machine	Main Belting Co.	51,471	Apr. 17	121	2315
Belting. Round and flat leather	Troy Belting and Supply Company	54,215	June 19	122	2685
Beltings. Leather	American Oak Leather Company	48,809	Jan. 16	120	892
Beverage. Carbonated tonic	Whitmer & Barnett	57,686	Nov. 27	125	1340
Beverage. Carbonated tonic	Blue Seal Supply Co.	58,971	Dec. 25	125	2759
Beverage. Dry preparation for making a non-intoxicating.	J. C. Eno, Limited	51,934	Apr. 24	121	2650
Beverage. Extract for non-alcoholic	N. A. Dahlquist	56,696	Oct. 16	124	2172
Beverage. Fruit-juice.	R. M. Hughes	52,329	May 8	122	716
Beverage made from ginger	Manitou Mineral Springs Company	56,592	Oct. 9	124	1838
Beverage. Non-alcoholic hop.	American Beverage Co.	58,908	Dec. 25	125	2757
Beverage. Non-alcoholic tonic	W. E. Riley	58,869	Dec. 25	125	2756
Beverage-syrup	M. L. Eppstein	52,998	May 22	122	1390
Beverages and fruit-juices. Certain named	Sunlit Fruit Company	52,434	May 8	122	720
Beverages and the extracts used in their manufacture. Non-alcoholic	W. H. Hutchinson & Son	55,223	Aug. 7	123	1985
Beverages. Certain	Eureka Springs Water Company	58,855	Dec. 25	125	2756
Beverages. Certain named	Sprague, Warner & Company	55,882	Aug. 21	123	2618
Beverages. Certain named	Equinox Company	55,926	Aug. 21	123	2619
Beverages. Certain named	F. Seely	56,088	Aug. 21	123	2624
Beverages. Certain named	Griggs, Cooper & Company	56,341	Sept. 11	124	620
Beverages. Certain named non-alcoholic	Clicquot Club Company	55,201	Aug. 7	123	1984
Beverages. Certain named non-alcoholic	Griggs, Cooper & Company	56,685	Oct. 16	124	2172
Beverages. Extracts employed in making	Blue Seal Supply Co.	56,713	Oct. 16	124	2173
Beverages. Fermented milk	W. E. Beall	55,873	Aug. 21	123	2618
Beverages, juices, syrups, and extracts. Certain named.	Chesterman Company	57,416	Nov. 13	125	657
Beverages made from coca-leaves	Murresboro Bottling Works	55,878	Aug. 21	123	2618
Beverages made of cola-nuts. Non-alcoholic	J. W. Hall	50,650	Mar. 27	121	1337
Beverages, mineral waters, and sterilized waters. Carbonated	E. B. McKay	56,525	Oct. 2	124	1518
Beverages. Non-alcoholic	J. W. Birkhead	48,572	Jan. 2	120	320
Beverages. Non-alcoholic carbonated	F. M. Finley	51,228	Apr. 10	121	1969
Beverages. Non-alcoholic extract and syrup for the making of	Peek Beverage Company	55,705	Aug. 21	123	2614
Beverages. Solid salts for making	J. Personeni	51,196	Apr. 10	121	1967
Bicycle crank-hangers	Great Western Manufacturing Company	57,964	Dec. 4	125	1691
Bicycles	H. Keidel	51,353	Apr. 10	121	1974
Bicycles	M. E. Johnson	56,014	Aug. 21	123	2622
Bicycles, tricycles, velocipedes, and parts thereof	Hibbard, Spencer, Bartlett & Company	54,247	June 26	122	2987
Binders. Loose-leaf	Sieber & Trussell Mfg. Co.	50,577	Mar. 20	121	1008
Binding-cords of jute fiber	Ralli Brothers	56,625	Oct. 9	124	1839
Binding. Skirt	Schlegel Mfg. Co.	58,961	Dec. 25	125	2758

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Binding. Taffeta and Prussian	Jordan Marsh Company	56,614	Oct. 9	124	1838
Birds. Song-.....	M. Geisler	50,853	Apr. 3	121	1659
Biscuit or cracker. Lunch.....	New England Biscuit Company	58,563	Dec. 18	125	2356
Biscuit or crackers	Natural Food Company	52,858	May 22	122	1384
Biscuit or crackers	Natural Food Company	52,961	May 22	122	1388
Biscuits.....	Griggs, Cooper and Company	48,853	Jan. 16	120	894
Biscuits.....	J. Neurhrer	52,213	May 1	122	347
Biscuits.....	Huntley & Palmers	55,267	Aug. 14	123	2299
Biscuits.....	Cereal Laxative Co.	55,807	Aug. 21	123	2616
Biscuits.....	Manabran Laxative Biscuit Com- pany.....	58,107	Dec. 4	125	1695
Biscuits.....	P. J. Plouvier	58,900	Dec. 25	125	2757
Biscuits and bread. Brittle.....	H. A. C. Dahl	57,701	Nov. 27	125	1340
Biscuits and cakes	Huntley & Palmers	51,444	Apr. 17	121	2314
Biscuits and cakes	Huntley & Palmers	51,766	Apr. 24	121	2652
Biscuits and cakes	Huntley & Palmers	51,767	Apr. 24	121	2652
Biscuits and crackers	A. Exton & Co.	48,851	Jan. 16	120	894
Biscuits and crackers	C. D. Boss & Son	56,415	Sept. 25	124	1201
Biscuits, crackers, &c.	French & Company	48,456	Jan. 2	120	315
Biscuits, crackers, and cakes	Crescent Macaroni & Cracker Co.	54,545	June 26	122	3000
Biscuits, crackers, and cakes	A. J. Medlar Company	54,634	June 26	122	3003
Biscuits, crackers, and wafers	Hitchner Biscuit Co.	49,547	Feb. 6	120	1820
Biscuits known as rusks	Holland Rusk Co.	52,206	May 1	122	347
Bitters	Ullman Einstein Co.	48,607	Jan. 2	120	321
Bitters	W. Holloway	48,686	Jan. 9	120	649
Bitters	A. Zanmatti & Co.	48,971	Jan. 16	120	898
Bitters	L. E. Jung	49,658	Feb. 13	120	2119
Bitters	Frankel, Regenthal and Damler	50,170	Mar. 6	121	329
Bitters	M. L. Eppstein	50,412	Mar. 13	121	684
Bitters	J. Fuger	51,211	Apr. 10	121	1968
Bitters	John Bardenheier Wine & Liq- uor Co.	51,352	Apr. 10	121	1974
Bitters	Geo. Benz & Sons	51,836	Apr. 24	121	2655
Bitters	A. P. Ordway	52,468	May 8	122	721
Bitters	V. Franz Co.	53,121	May 29	122	1708
Bitters	S. Hochstadter	53,551	June 5	122	2054
Bitters	Lash's Bitters Co.	53,003	Aug. 7	123	1979
Bitters	A. Bondy	56,438	Sept. 25	124	1202
Bitters	Union Wholesale Liquor Co.	56,902	Oct. 23	124	2529
Bitters	E. Gross	57,859	Nov. 27	125	1345
Bitters	L. & A. Scharif	58,960	Dec. 25	125	2738
Bitters. Cordial	Franciscan Company	53,850	June 12	122	2382
Bitters. Herb	Aschenbach & Miller	52,768	May 15	122	1039
Bitters or tonics. Stomach	F. S. Amidon	53,727	Aug. 21	123	2614
Bitters. Peach	H. Klas	54,605	June 26	122	3002
Bitters. Stomach-.....	Munyons Homœopathic Home Remedy Co.	51,618	Apr. 17	121	2320
Bitters. Stomach-.....	T. Lappe	55,692	Aug. 21	123	2613
Bitters. Stomach-.....	Wichman, Lutgen & Co.	56,907	Oct. 23	124	2529
Bitters. Stomach-.....	J. H. Croll	57,162	Nov. 6	125	343
Bitters. Stomach-.....	Lash's Bitters Co.	58,408	Dec. 11	125	2043
Bitters. Vegetable	H. H. Hay	51,931	Apr. 24	121	2659
Blacking and leather-dressing	F. E. Fennessy	49,853	Feb. 20	120	2435
Blacking. Liquid	C. L. Hawthaway & Sons	49,631	Feb. 13	120	2118
Blacking. Perfumed waterproof shoe- Francais	Societe Generale des Cirages Francais	55,010	Aug. 7	123	1979
Blankets, comfortables, and spreads	Smith, Hogg & Co.	54,149	June 19	122	2683
Blankets. Wool	S. Levi	50,178	Mar. 6	121	329
Blanks, soles, and taps. Leather	Daniel Forbes Company	49,792	Feb. 20	120	2433
Bleacher, deodorizer, disinfectant, and germicide	A. Castaing	58,101	Dec. 4	125	1694
Blind-adjusters	New York Blind and Transom Adjuster Company	57,468	Nov. 13	125	658
Blood and liver purifiers	Aschenbach & Miller	51,953	Apr. 24	121	2660
Blood-purifier	B. J. Bruns	54,965	Aug. 7	123	1978
Blood-purifier	W. B. Williams	56,672	Oct. 16	124	2172
Blood-purifier and liver-tonic	A. A. Kleinschmidt	52,726	May 15	122	1037
Blood-purifier designed to cure consumption	E. Pfeifer	56,403	Sept. 18	124	902
Blood-purifiers, cough and worm syrup, and liniment	S. B. Goff & Sons Co.	55,716	Aug. 21	123	2614
Blowers and forges	Champion Blower & Forge Com- pany.....	56,444	Sept. 25	124	1202
Blowers and forges and attachments thereto	Champion Blower & Forge Com- pany.....	56,916	Oct. 23	124	2529
Blowers. Rotary	P. H. & F. M. Roots Co.	58,986	Dec. 25	125	2759
Blue. Ball and wash	Heller & Merz Co.	56,482	Sept. 25	124	1203
Blue. Laundry	William Edge & Sons	57,205	Nov. 6	125	344
Blue. Laundry	J. C. Kellogg	57,511	Nov. 13	125	660
Blue. Washing	Sawyer Crystal Blue Company	50,918	Apr. 3	121	1661
Blue. Washing	Sawyer Crystal Blue Company	51,455	Apr. 17	121	2314
Bluing	Griggs, Cooper and Company	50,901	Apr. 3	121	1661
Bluing	P. Pfromm	53,467	June 5	122	2051
Bluing	A. Pfromm	53,468	June 5	122	2051
Bluing	Ultramarine Company	53,735	June 12	122	2378
Bluing. Bag	C. H. Adams	55,413	Aug. 14	123	2303
Bluing. Laundry	Russ Company	50,103	Mar. 6	121	326
Boats. Certain named	Racine Manufacturing Company	58,016	Dec. 4	125	1692
Boats. Folding canvas	G. H. Winans	51,219	Apr. 10	121	1968
Bodices	C. R. De Bevoise	58,538	Dec. 18	125	2356
Boiler-cleaning compounds	John Callahan and Co.	50,976	Apr. 3	121	1664
Boiler-cleaning compounds	Star Oil Company	58,716	Dec. 25	125	2752
Boiler-cleaning tools. Steam	Power Specialty Co.	50,826	Apr. 3	121	1658
Boiler-cleaning compounds	J. Williams, Jr.	57,573	Nov. 13	125	661
Boiler compound	International Boiler Cleaning Co.	58,104	Dec. 4	125	1695
Boiler compounds	Geo. W. Lord Co.	49,073	Jan. 23	120	1157
Boiler compounds	Chrysolite Drug & Chemical Co.	56,585	Oct. 9	124	1838
Boiler compounds for preventing or removing incrustation	American Chemical Works	53,332	May 29	122	1716

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Boiler. Steam and hot-water heating	New York Central Iron Works Co.	53,729	June 12	122	2378
Boiler-tube cleaners or scrapers	A. W. Chesterton & Co.	50,459	Mar. 20	121	1004
Boiler water-gage glasses	Joseph Tomey & Sons	57,786	Nov. 27	125	1343
Boilers	Utica Heater Co.	53,650	June 5	122	2058
Boilers and heaters	American Radiator Company	58,433	Dec. 18	125	2353
Boilers and radiators	Kellogg-Mackay-Cameron Co.	51,615	Apr. 17	121	2320
Boilers for heating purposes	Kellogg-Mackay-Cameron Co.	54,714	June 26	122	3006
Boilers for steam and water heating systems	Kewanee Boiler Company	55,483	Aug. 14	123	2305
Boilers. Range	Hayes Mfg. Co.	52,662	May 15	122	1035
Boilers. Water-tube	Aultman & Taylor Machinery Company.	52,634	May 15	122	1034
Boilers. Water-tube	A. D. Granger Co.	53,654	June 12	122	2375
Bolt and nut making machinery	Acme Machinery Co.	53,967	June 19	122	2676
Bolts. Shaking	Barnard & Leas Manufacturing Company.	49,848	Feb. 20	120	2435
Bonbons, chocolates, and sweet chocolate	H. Maillard	57,166	Nov. 6	125	343
Bone for case-hardening, coloring, and annealing	Rogers & Hubbard Co.	52,082	May 1	122	342
Bones. Dress and corset	J. Janowitz	56,926	Oct. 23	124	2530
Bonnets, hats, and head-dresses. Women's	K. Gandy	52,826	May 22	122	1383
Book-makers' machines. Certain named	Smyth Manufacturing Co.	57,766	Nov. 27	125	1342
Book-makers' machines. Certain named	Smyth Manufacturing Co.	57,800	Nov. 27	125	1343
Book of directions for technical instructions	Lodge and Shipley Machine Tool Company.	52,302	May 8	122	714
Book-stitching machines	Smyth Manufacturing Company	56,974	Oct. 30	124	2895
Book-stitching machines	Smyth Manufacturing Company	56,975	Oct. 30	124	2895
Books	W. H. Lee	49,528	Feb. 6	120	1819
Books. Account	R. Hollingworth	54,828	July 31	123	1658
Books and pamphlets. Printed	A. J. Cohea	56,679	Oct. 16	124	2172
Books and paper pads therefor. Duplicate sales-clip	Carter-Crume Co.	50,583	Mar. 27	121	1335
Books. Blank	T. D. Taylor	51,160	Apr. 3	121	1672
Books for railway employees. Educational	Railway Educational Association.	52,700	May 15	122	1066
Books for railway employees. Educational	Railway Educational Association.	52,701	May 15	122	1066
Books for railway employees. Educational	Railway Educational Association.	54,251	June 26	122	2988
Books of fiction	Lothrop, Lee & Shepard Company.	51,744	Apr. 24	121	2652
Books on salesmanship	National School of Salesmanship.	52,078	May 1	122	341
Books on salesmanship	National School of Salesmanship.	52,303	May 8	122	714
Books on salesmanship	National School of Salesmanship.	52,934	May 22	122	1387
Books, pads, and tablets. Blank	Boorum & Pease Company	51,814	Apr. 24	121	2654
Books, pamphlets, periodicals, and circulars. Educational	International Textbook Company.	58,796	Dec. 25	125	2754
Books. Printed	Vedanta Society	50,954	Apr. 3	121	1663
Books. Printed	American Florist Co.	57,087	Nov. 6	125	341
Books, tablets, ruled and flat papers. Blank	Roaring Spring Blank Book Co.	49,487	Feb. 6	120	1817
Bookbinding-cloth	C. Chivers	50,039	Feb. 27	120	2749
Boot and shoe air-cushioning heel-pads and insoles	Comfort Heel Cushion Company	50,347	Mar. 13	121	682
Boot and shoe dressing	F. H. Young Company	51,397	Apr. 17	121	2312
Boot and shoe dressing	F. H. Young Company	51,823	Apr. 24	121	2655
Boot and shoe dressing	F. H. Young Company	51,926	Apr. 24	121	2659
Boot-protectors. Metal	Blakey's Boot Protectors	53,092	May 29	122	1707
Boot-protectors. Metal and metal-and-rubber	Blakey's Boot Protectors	53,114	May 29	122	1708
Boots, and particularly waterproof boots. Men's leather	Henry B. Reed Company	57,387	Nov. 13	125	656
Boots and shoes and leather for same. Leather	Rice & Hutchins	57,044	Oct. 30	124	2897
Boots and shoes and leather for same. Leather	F. G. Jones	48,498	Jan. 2	120	317
Boots and shoes and leather for their manufacture. Leather	Rice & Hutchins	52,000	May 1	122	338
Boots and shoes and leather for their manufacture. Leather	Rice & Hutchins	52,001	May 1	122	338
Boots and shoes and leather therefor. Leather	American Oak Leather Company	49,798	Feb. 20	120	2433
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	51,848	Apr. 24	121	2656
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	52,628	May 15	122	1031
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	54,526	June 26	122	2999
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,313	Aug. 14	123	2300
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,314	Aug. 14	123	2300
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,315	Aug. 14	123	2300
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,316	Aug. 14	123	2306
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,317	Aug. 14	123	2300
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,318	Aug. 14	123	2300
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,319	Aug. 14	123	2300
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,360	Aug. 14	123	2301
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	55,712	Aug. 21	123	2611
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	56,944	Oct. 23	124	2530
Boots and shoes and leather used in their manufacture. Leather	Rice & Hutchins	57,182	Nov. 6	125	343
Boots and shoes and leather used in their manufacture. Liquid dressing for	Rice & Hutchins	57,231	Nov. 6	125	345
Boots and shoes and other articles made of leather. Liquid dressing for	International Shoe Company	56,413	Sept. 25	124	1201
Boots and shoes. Boys' and girls' leather	Tucker & Hagen	56,631	Oct. 9	124	1839
Boots and shoes. Boys' leather	Whitney Wabel & Co.	48,838	Jan. 16	120	893
Boots and shoes. Leather	Geo. D. Witt Shoe Co.	48,477	Jan. 2	120	316
Boots and shoes. Leather	Wingo, Ellett & Crump Shoe Co.	48,490	Jan. 2	120	316
Boots and shoes. Leather	Hinkle Shoe Co.	48,499	Jan. 2	120	317
Boots and shoes. Leather	John W. Russ Company	48,500	Jan. 2	120	317
Boots and shoes. Leather	G. A. Creighton & Son	48,634	Jan. 9	120	647
Boots and shoes. Leather	John W. Russ Co.	48,638	Jan. 9	120	648
Boots and shoes. Leather	John W. Russ Company	49,125	Jan. 23	120	1159
Boots and shoes. Leather	Guthmann, Carpenter & Telling	49,151	Jan. 23	120	1160
Boots and shoes. Leather	Hine & Lynch	49,153	Jan. 23	120	1160
Boots and shoes. Leather	A. L. Joslin Company	49,180	Jan. 30	120	1467
Boots and shoes. Leather	Jordan Marsh Company	49,205	Jan. 30	120	1468
Boots and shoes. Leather	J. J. Lattemann	49,209	Jan. 30	120	1468
Boots and shoes. Leather	A. W. Tedcastle & Co.	49,510	Feb. 6	120	1818
Boots and shoes. Leather	M. N. Arnold	49,530	Feb. 6	120	1819
Boots and shoes. Leather	Roberts, Johnson & Rand Shoe Co.	49,539	Feb. 6	120	1819
Boots and shoes. Leather	Roberts, Johnson & Rand Shoe Co.	49,540	Feb. 6	120	1819

Alphabetical list of trade-marks—Continued.

Title.		Name.	No.	Date.	Official Gazette.	
					Vol.	Page.
Boots and shoes.	Leather	Roberts, Johnson & Rand Shoe Co	49,541	Feb. 6	120	1820
Boots and shoes.	Leather	Thomas G. Plant Company	49,749	Feb. 13	120	2122
Boots and shoes.	Leather	A. H. Berry Shoe Company	49,755	Feb. 13	120	2122
Boots and shoes.	Leather	Marks, Rothenberg & Co.	49,772	Feb. 13	120	2123
Boots and shoes.	Leather	Thomas G. Plant Company	49,788	Feb. 13	120	2123
Boots and shoes.	Leather	Lynchburg Shoe Co.	49,793	Feb. 20	120	2433
Boots and shoes.	Leather	F. Mayer Boot & Shoe Co	50,129	Mar. 6	121	327
Boots and shoes.	Leather	I. Levinstein	50,132	Mar. 6	121	328
Boots and shoes.	Leather	Lynchburg Shoe Co	50,133	Mar. 6	121	328
Boots and shoes.	Leather	Nesmith Shoe Company	50,134	Mar. 6	121	328
Boots and shoes.	Leather	J. H. Cross	50,147	Mar. 6	121	328
Boots and shoes.	Leather	I. Levinstein	50,155	Mar. 6	121	328
Boots and shoes.	Leather	P. W. Minor & Son.	50,283	Mar. 6	121	333
Boots and shoes.	Leather	J. J. Schulten and Co.	50,343	Mar. 13	121	681
Boots and shoes.	Leather	Upham Bros. Co.	50,355	Mar. 13	121	682
Boots and shoes.	Leather	Upham Bros. Co.	50,431	Mar. 13	121	685
Boots and shoes.	Leather	H. L. Bond	50,605	Mar. 27	121	1336
Boots and shoes.	Leather	E. Goldsberry	50,611	Mar. 27	121	1336
Boots and shoes.	Leather	Wingo, Ellett & Crump Shoe Co.	50,674	Mar. 27	121	1338
Boots and shoes.	Leather	H. H. Brown & Co.	50,962	Apr. 3	121	1663
Boots and shoes.	Leather	Johnson & Watson Co.	51,060	Apr. 3	121	1667
Boots and shoes.	Leather	Manass Shoe Manufacturing Company.	51,061	Apr. 3	121	1667
Boots and shoes.	Leather	W. J. Newman	51,150	Apr. 3	121	1671
Boots and shoes.	Leather	Wertheimer-Swartz Shoe Co.	51,179	Apr. 3	121	1672
Boots and shoes.	Leather	Bentley & Olmsted Company	51,181	Apr. 10	121	1967
Boots and shoes.	Leather	B. F. Reynolds.	51,198	Apr. 10	121	1967
Boots and shoes.	Leather	A. W. Tedcastle & Co.	51,200	Apr. 10	121	1968
Boots and shoes.	Leather	Craddock-Terry Company	51,396	Apr. 17	121	2312
Boots and shoes.	Leather	E. S. Woodbury & Company	51,460	Apr. 17	121	2314
Boots and shoes.	Leather	Guthmann Carpenter & Telling	51,709	Apr. 24	121	2650
Boots and shoes.	Leather	A. S. Fearey	52,009	May 1	122	339
Boots and shoes.	Leather	E. S. Woodbury & Company	52,084	May 1	122	342
Boots and shoes.	Leather	L. Wiebke	52,120	May 1	122	343
Boots and shoes.	Leather	Randall-Adams Co.	52,217	May 1	122	347
Boots and shoes.	Leather	V. Schoenecker Boot & Shoe Company.	52,222	May 1	122	347
Boots and shoes.	Leather	Geo. E. Keith Company	52,267	May 8	122	713
Boots and shoes.	Leather	Crowder-Mason Shoe Co.	52,413	May 8	122	719
Boots and shoes.	Leather	Smith-Briscoe Shoe Company	52,433	May 8	122	720
Boots and shoes.	Leather	A. Priemeyer Shoe Co.	52,708	May 15	122	1037
Boots and shoes.	Leather	T. F. Peirce & Son	52,760	May 15	122	1039
Boots and shoes.	Leather	N. M. Nelson	52,812	May 15	122	1041
Boots and shoes.	Leather	Bradley & Metcalf Company	52,825	May 22	122	1383
Boots and shoes.	Leather	J. B. Hunter	52,829	May 22	122	1383
Boots and shoes.	Leather	J. B. Hunter	52,932	May 22	122	1387
Boots and shoes.	Leather	A. A. Rosenbush & Co.	52,935	May 22	122	1387
Boots and shoes.	Leather	Smith-Briscoe Shoe Company	53,157	May 29	122	1709
Boots and shoes.	Leather	Geo. D. Witt Shoe Co.	53,218	May 29	122	1712
Boots and shoes.	Leather	Smith-Briscoe Shoe Company	53,329	May 29	122	1716
Boots and shoes.	Leather	Lynchburg Shoe Co.	53,389	June 5	122	2047
Boots and shoes.	Leather	Geo. D. Witt Shoe Co.	53,419	June 5	122	2049
Boots and shoes.	Leather	W. L. Douglas Shoe Co.	53,799	June 12	122	2380
Boots and shoes.	Leather	W. L. Douglas Shoe Co.	53,800	June 12	122	2380
Boots and shoes.	Leather	Clapp & Tapley	54,134	June 19	122	2682
Boots and shoes.	Leather	Endicott-Johnson Company	54,166	June 19	122	2683
Boots and shoes.	Leather	Lynchburg Shoe Co.	54,285	June 26	122	2989
Boots and shoes.	Leather	William Eastwood and Son Company.	54,369	June 26	122	2992
Boots and shoes.	Leather	Cambor, Muntaner & Co.	54,613	June 26	122	3002
Boots and shoes.	Leather	White-Dunham Shoe Co.	54,728	June 26	122	3007
Boots and shoes.	Leather	H. W. Crooker Shoe Co.	54,824	July 31	123	1658
Boots and shoes.	Leather	Shoemart Company	54,837	July 31	123	1658
Boots and shoes.	Leather	H. F. Tapley	54,925	Aug. 7	123	1977
Boots and shoes.	Leather	Beasley Harwood Shoe Co.	55,018	Aug. 7	123	1980
Boots and shoes.	Leather	Beasley Harwood Shoe Co.	55,020	Aug. 7	123	1980
Boots and shoes.	Leather	Beasley Harwood Shoe Co.	55,021	Aug. 7	123	1980
Boots and shoes.	Leather	Stern & Co.	55,048	Aug. 7	123	1980
Boots and shoes.	Leather	Heywood Boot & Shoe Company.	55,071	Aug. 7	123	1981
Boots and shoes.	Leather	Heywood Boot & Shoe Company.	55,310	Aug. 14	123	2300
Boots and shoes.	Leather	Selby Shoe Co.	55,321	Aug. 14	123	2300
Boots and shoes.	Leather	F. Mayer Boot & Shoe Co.	55,347	Aug. 14	123	2301
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,377	Aug. 14	123	2302
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,378	Aug. 14	123	2302
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,423	Aug. 14	123	2303
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,424	Aug. 14	123	2303
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,425	Aug. 14	123	2303
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,426	Aug. 14	123	2303
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,427	Aug. 14	123	2303
Boots and shoes.	Leather	Geo. F. Dittmann Boot & Shoe Company.	55,428	Aug. 14	123	2303
Boots and shoes.	Leather	Commonwealth Shoe and Leather Company.	55,669	Aug. 21	123	2613
Boots and shoes.	Leather	Commonwealth Shoe and Leather Company.	55,734	Aug. 21	123	2614
Boots and shoes.	Leather	Fred F. Field Company	55,940	Aug. 21	123	2620
Boots and shoes.	Leather	Utz & Dunn	56,197	Aug. 28	123	2971
Boots and shoes.	Leather	Beasley Harwood Shoe Co.	56,408	Sept. 25	124	1201

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Boots and shoes. Leather.	Evans Shoe Co.	56,411	Sept. 25	124	1201
Boots and shoes. Leather.	Geo. E. Keith Company	56,412	Sept. 25	124	1201
Boots and shoes. Leather.	Smith-Briscoe Shoe Company	56,423	Sept. 25	124	1201
Boots and shoes. Leather.	C. S. Stearns.	56,424	Sept. 25	124	1201
Boots and shoes. Leather.	Locke Shoe Company	56,501	Oct. 2	124	1517
Boots and shoes. Leather.	Alden, Walker and Wilde	56,551	Oct. 9	124	1837
Boots and shoes. Leather.	W. J. Martinez & Bros.	56,562	Oct. 9	124	1837
Boots and shoes. Leather.	Alden Walker and Wilde	56,740	Oct. 16	124	2173
Boots and shoes. Leather.	Shoemart Company	57,254	Nov. 6	125	345
Boots and shoes. Leather.	Utz & Dunn.	57,257	Nov. 6	125	345
Boots and shoes. Leather.	Alter & McCaffrey Co.	57,347	Nov. 13	125	655
Boots and shoes. Leather.	Gore Lace Shoe Co.	57,365	Nov. 13	125	656
Boots and shoes. Leather.	Geo. H. West Shoe Co.	57,452	Nov. 13	125	658
Boots and shoes. Leather.	Churchill and Alden Co.	57,583	Nov. 13	125	661
Boots and shoes. Leather.	P. W. Hessberg.	57,782	Nov. 27	125	1343
Boots and shoes. Leather.	W. McKittrick.	57,913	Dec. 4	125	1690
Boots and shoes. Leather.	Copeland & Ryder Co.	57,959	Dec. 4	125	1691
Boots and shoes. Leather.	Starnor-Copeland Company	57,985	Dec. 4	125	1692
Boots and shoes. Leather.	Commonwealth Shoe and Leather Company.	58,250	Dec. 11	125	2039
Boots and shoes. Leather.	Geo. F. Dittmann Boot & Shoe Company.	58,301	Dec. 11	125	2040
Boots and shoes. Leather.	J. J. Grover's Sons.	58,303	Dec. 11	125	2040
Boots and shoes. Leather.	J. J. Grover's Sons.	58,304	Dec. 11	125	2040
Boots and shoes. Leather.	Venor & Montgomery.	58,328	Dec. 11	125	2040
Boots and shoes. Leather.	Williams, Hoyt & Co.	58,331	Dec. 11	125	2041
Boots and shoes. Leather.	T. D. Barry & Co.	58,575	Dec. 18	125	2356
Boots and shoes. Leather.	W. Hahn.	58,644	Dec. 18	125	2358
Boots and shoes. Leather.	E. T. Wright & Co.	58,699	Dec. 25	125	2751
Boots and shoes. Leather.	Brennan & White.	58,911	Dec. 25	125	2757
Boots and shoes. Leather.	Brennan & White.	58,912	Dec. 25	125	2757
Boots and shoes. Leather.	Brennan & White.	58,913	Dec. 25	125	2757
Boots and shoes. Leather.	Brennan & White.	58,914	Dec. 25	125	2757
Boots and shoes. Leather and canvas.	Geo. E. Keith Company	49,811	Feb. 20	120	2434
Boots and shoes. Leather and canvas.	Geo. E. Keith Company	51,496	Apr. 17	121	2316
Boots and shoes. Leather and canvas.	Hirsh Brothers.	54,080	June 19	122	2680
Boots and shoes. Leather and canvas.	Geo. E. Keith Company	55,152	Aug. 7	123	1983
Boots and shoes. Leather welted.	United Shoe Machinery Company.	54,185	June 19	122	2684
Boots and shoes. Liquid dressing for.	C. L. Hawthaway & Sons.	50,066	Mar. 6	121	325
Boots and shoes. Liquid dressing for leather.	C. L. Hawthaway & Sons.	50,067	Mar. 6	121	325
Boots and shoes made of leather.	M. A. Packard Company	50,551	Mar. 20	121	1007
Boots and shoes made of leather and of canvas.	V. K. and A. H. Jones Co.	48,835	Jan. 16	120	893
Boots and shoes. Men's and boys' leather.	Dunham Brothers.	57,351	Nov. 13	125	655
Boots and shoes. Men's leather.	Smith-Briscoe Shoe Company	54,086	June 19	122	2680
Boots and shoes. Men's leather.	Streng & Thalheimer.	56,426	Sept. 25	124	1201
Boots and shoes. Men's leather.	Huckins, Temple & Wood.	58,679	Dec. 25	125	2751
Boots and shoes. Men's, women's, and children's leather.	Thomas G. Plant Company	54,315	June 26	122	2990
Boots and shoes. Men's, women's, and children's leather.	E. W. Burt & Co.	56,750	Oct. 16	124	2174
Boots and shoes of leather and of leather and cloth.	A. E. Little & Company	50,329	Mar. 13	121	681
Boots and shoes. Women's and girls' leather.	Dunham Brothers.	58,300	Dec. 11	125	2040
Boots and shoes. Women's, misses', and children's leather.	Dorothy Dodd Shoe Company	51,830	Apr. 24	121	2655
Boots. Leather.	Bradley & Metcalf Co.	49,091	Jan. 23	120	1158
Boots, shoes, and slippers and leather therefor. Leather.	Packard & Field.	49,127	Jan. 23	120	1159
Boots, shoes, and slippers and leather therefor. Leather.	F. F. Field.	49,766	Feb. 13	120	2123
Boots, shoes, and slippers and leather therefor. Leather.	Fred F. Field Co.	54,707	June 26	122	3006
Boots, shoes, and slippers and leather used in their manufacture. Leather.	Packard & Field.	57,431	Nov. 13	125	657
Boots, shoes, and slippers and soles therefor.	Morse & Rogers.	49,161	Jan. 23	120	1161
Boots, shoes, and slippers and soles therefor.	Morse & Rogers.	49,954	Feb. 27	120	2746
Boots, shoes, and slippers and soles therefor.	Morse & Rogers.	49,955	Feb. 27	120	2746
Boots, shoes, and slippers and soles therefor.	Morse & Rogers.	54,360	June 26	122	2992
Boots, shoes, and slippers and upper and sole leather. Leather.	Packard & Field.	49,480	Feb. 6	120	1817
Boots, shoes, and slippers. Leather.	Stetson Shoe Company.	49,550	Feb. 6	120	1820
Boots, shoes, and slippers. Leather.	Fred F. Field Company.	49,767	Feb. 13	120	2123
Boots, shoes, and slippers. Leather.	Clark-Hutchinson Company	49,999	Feb. 27	120	2747
Boots, shoes, and slippers. Leather.	Clark-Hutchinson Company	50,000	Feb. 27	120	2747
Boots, shoes, and slippers. Leather.	Clark-Hutchinson Company	50,001	Feb. 27	120	2747
Boots, shoes, and slippers. Leather.	Rindge Kalmbach Logie & Co.	50,522	Mar. 20	121	1006
Boots, shoes, and slippers. Leather.	Preston B. Keith Shoe Co.	50,659	Mar. 27	121	1338
Boots, shoes, and slippers. Leather.	Parker Holmes & Company	51,151	Apr. 3	121	1671
Boots, shoes, and slippers. Leather.	Parker Holmes & Company	51,174	Apr. 3	121	1672
Boots, shoes, and slippers. Leather.	C. K. Sharood.	51,481	Apr. 17	121	2315
Boots, shoes, and slippers. Leather.	J. Wanamaker.	51,487	Apr. 17	121	2315
Boots, shoes, and slippers. Leather.	Parker Holmes & Company	51,873	Apr. 24	121	2657
Boots, shoes, and slippers. Leather.	Parker Holmes & Company	52,816	May 15	122	1041
Boots, shoes, and slippers. Leather.	Preston B. Keith Shoe Company.	53,228	May 29	122	1712
Boots, shoes, and slippers. Leather.	W. A. Moody.	53,811	June 12	122	2381
Boots, shoes, and slippers. Leather.	Geo. G. Snow Co.	54,075	June 19	122	2680
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	54,111	June 19	122	2681
Boots, shoes, and slippers. Leather.	Parker Holmes & Company	55,046	Aug. 7	123	1980
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,351	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,352	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,353	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,354	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,355	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,356	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,357	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,358	Aug. 14	123	2301
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,391	Aug. 14	123	2302
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,392	Aug. 14	123	2302
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,393	Aug. 14	123	2302
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,429	Aug. 14	123	2303
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,484	Aug. 14	123	2305
Boots, shoes, and slippers. Leather.	M. D. Wells Co.	55,946	Aug. 21	123	2630

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Boots, shoes, and slippers. Leather.....	P. Holmes and Company.....	55,948	Aug. 21	123	2620
Boots, shoes, and slippers. Leather.....	Fred F. Field Company.....	56,162	Aug. 28	123	2970
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	56,767	Oct. 16	124	2174
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	56,768	Oct. 16	124	2174
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	56,769	Oct. 16	124	2174
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	56,770	Oct. 16	124	2174
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	56,771	Oct. 16	124	2174
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	56,772	Oct. 16	124	2174
Boots, shoes, and slippers. Leather.....	M. D. Wells Co.....	57,834	Nov. 27	125	1344
Boots, shoes, and slippers. Leather.....	Indianapolis Specialty Shoe Com- pany.....	58,758	Dec. 25	125	2753
Boots, shoes, and slippers. Leather.....	S. M. Burt.....	58,782	Dec. 25	125	2754
Boots, shoes, and slippers. Leather and cloth.....	Hanan & Son.....	50,970	Apr. 3	121	1663
Boots, shoes, and slippers. Leather and cloth.....	Hanan & Son.....	53,143	May 29	122	1709
Boots, shoes, and slippers. Leather and cloth.....	Hanan & Son.....	55,349	Aug. 14	123	2301
Boots, shoes, and slippers. Leather and leather-and-cloth.....	G. F. Daniels & Co.....	48,752	Jan. 9	120	652
Boots, shoes, and slippers made of leather.....	Wingo, Ellett & Crump Shoe Co.....	48,839	Jan. 16	120	893
Boots, shoes, and slippers. Men's and boys' leather.....	James A. Banister Company.....	52,911	May 22	122	1386
Boots, shoes, and slippers of leather or textile material, or both, and soles therefor.....	Nath'l Fisher & Co.....	51,149	Apr. 3	121	1671
Boots, shoes, and slippers of leather or textile material, or both, and soles therefor.....	Morse & Rogers.....	54,312	June 26	122	2990
Boots, shoes, oxfords, sandals, and slippers. Leather.....	Moore-Shafer Shoe Mfg. Co.....	54,287	June 26	122	2989
Boots, shoes, slippers, and insoles. Leather.....	H. H. Roosa.....	54,363	June 26	122	2992
Boots, shoes, slippers, and soles. Certain named.....	Morse & Rogers.....	55,828	Aug. 21	123	2617
Boots, shoes, slippers, and ties. Certain named.....	Kaplan & Goldsoli.....	55,041	Aug. 7	123	1980
Borax.....	Stauffer Chemical Co.....	58,424	Dec. 11	125	2044
Borax. Chemically-pure.....	S. B. Smith.....	51,175	Apr. 3	121	1672
Borax. Toilet and laundry.....	Griggs Cooper & Company.....	56,212	Sept. 4	124	313
Boring-machines.....	Ajax Mfg. Co.....	48,710	Jan. 9	120	650
Bottle-heating kettle.....	H. H. Waugh.....	56,474	Sept. 25	124	1202
Bottle nipples. Nursing.....	Seamless Rubber Co.....	53,328	May 29	122	1716
Bottle nipples. Nursing.....	Davidson Rubber Co.....	54,808	July 31	123	1652
Bottle-stopper. Metallic.....	Crown Cork and Seal Co.....	56,493	Oct. 2	124	1517
Bottle-stopper. Metallic.....	Crown Cork and Seal Co.....	56,494	Oct. 2	124	1517
Bottle-washing machines.....	Hoyt Brothers & Company.....	56,924	Oct. 23	124	2530
Bottles. Glass.....	A. G. Smalley.....	49,875	Feb. 20	120	2436
Bottles. Glass.....	Mariani & Co.....	55,395	Aug. 14	123	2308
Bottles. Nursing.....	W. M. Decker.....	48,455	Jan. 2	120	315
Bottles of square or cubical form.....	Cook & Bernheimer Co.....	50,666	Mar. 27	121	1338
Bottles. Round glass.....	Mariani & Co.....	55,394	Aug. 14	123	2302
Bouillon.....	Fabrik von Maggis Nahrungs- mitteln.....	58,883	Dec. 25	125	2756
Bowling-alleys. Portable.....	American Box Ball Co.....	51,544	Apr. 17	121	2318
Box-toe material and innersoling.....	F. W. Whiteher.....	50,600	Mar. 27	121	1336
Boxes. Wooden.....	New England Box Co.....	49,133	Jan. 23	120	1159
Bracelets.....	D. F. Briggs Co.....	48,642	Jan. 9	120	648
Bracelets.....	F. H. Sadler Co.....	49,779	Feb. 13	120	2123
Braces and suspenders.....	Harris Suspender Co.....	48,661	Jan. 9	120	648
Braid. Mercerized cotton.....	D. Goff & Sons.....	53,542	June 5	122	2054
Braids and tapes.....	Dieckerhoff, Raffloer & Co.....	51,680	Apr. 24	121	2649
Braids, bindings, and trimmings.....	Fletcher Manufacturing Com- pany.....	49,187	Jan. 30	120	1467
Braids. Chip and straw.....	Parsons Brothers.....	57,386	Nov. 13	125	656
Braids. Chip and straw.....	Parsons Brothers.....	57,469	Nov. 13	125	658
Braids. Plain.....	A. H. Rice & Co.....	51,945	Apr. 24	121	2660
Braids. Silk and mohair.....	William Skinner Manufacturing Co.....	52,402	May 8	122	718
Braids. Skirt.....	Walter Stewart Company.....	49,258	Jan. 30	120	1470
Brake-shoes.....	American Brake Shoe & Foundry Company.....	50,122	Mar. 6	121	327
Brake-shoes.....	American Brake Shoe & Foundry Company.....	58,938	Dec. 25	125	2758
Brakes and parts thereof. Back-pedaling coaster.....	Eclipse Machine Co.....	54,705	June 26	122	3006
Brandies and fruit-brandies.....	C. F. Lauber.....	51,082	Apr. 3	121	1668
Brandies. Fruit.....	C. M. Mann Co.....	58,475	Dec. 18	125	2354
Brandy.....	John Bardenheier Wine and Liq- uor Co.....	49,204	Jan. 30	120	1468
Brandy.....	Wm. Bergenthal Co.....	49,501	Feb. 6	120	1818
Brandy.....	California Wine Association.....	49,514	Feb. 6	120	1819
Brandy.....	H. Campe & Co.....	50,260	Mar. 6	121	333
Brandy.....	P. J. Bowlin Liquor Co.....	51,037	Apr. 3	121	1666
Brandy.....	P. J. Bowlin Liquor Co.....	51,038	Apr. 3	121	1666
Brandy.....	Geo. Benz & Sons.....	51,837	Apr. 24	121	2655
Brandy.....	P. Freiler.....	53,039	May 22	122	1391
Brandy.....	P. J. Bowlin Liquor Co.....	53,055	May 22	122	1392
Brandy.....	J. Hennessy & Co.....	54,446	June 26	122	2995
Brandy.....	H. R. Myers.....	55,295	Aug. 14	123	2300
Brandy.....	California Wine Association.....	55,730	Aug. 21	123	2614
Brandy.....	J. S. Draper.....	56,066	Aug. 21	123	2623
Brandy.....	Casey-Swasey Co.....	56,230	Sept. 4	124	313
Brandy.....	J. Hennessy & Co.....	56,588	Oct. 9	124	1838
Brandy.....	J. Hennessy & Co.....	56,589	Oct. 9	124	1838
Brandy.....	A. Repsold.....	56,626	Oct. 9	124	1839
Brandy.....	J. Hennessy & Co.....	58,308	Dec. 11	125	2041
Brandy. Apricot.....	Nuyens & Cie.....	50,554	Mar. 20	121	1007
Brandy. Cognac.....	A. C. Meukow & Co.....	52,208	May 1	122	347
Brandy. Corn.....	Charles Jacquinet & Cie.....	51,280	Apr. 10	121	1971
Brazing compound.....	R. Y. Bowlby & Co.....	52,168	May 1	122	345
Brazing compound. Metal.....	American Brazing Company.....	48,749	Jan. 9	120	652
Brazing compound. Metallic.....	Weldarine Manufacturing Com- pany.....	53,369	May 29	122	1718
Brazing metals. Fluxes for.....	American Brazing Company.....	48,750	Jan. 9	120	652
Bread.....	D. R. Cone.....	51,781	Apr. 24	121	2653
Bread.....	L. Heying.....	51,817	Apr. 24	121	2655

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Bread.....	P. Fleischmann.....	53,205	May 29	122	1711
Bread.....	C. R. Miller.....	53,757	June 12	122	2379
Bread.....	H. S. Levy.....	54,431	June 26	122	2995
Bread.....	D. Bayer.....	55,197	Aug. 7	123	1984
Bread.....	L. A. O'Neill.....	55,218	Aug. 7	123	1985
Bread.....	W. H. Crounse.....	56,823	Oct. 23	124	2527
Bread.....	C. Trefzger.....	58,156	Dec. 4	125	1696
Bread.....	Shane Brothers Co.....	58,901	Dec. 25	125	2757
Bread and biscuits.....	Callard, Stewart & Watt.....	54,373	June 26	122	2577
Bread and cake making and egg-beating machines.....	Landers, Frary and Clark.....	56,846	Oct. 23	124	2528
Bread and crackers.....	G. S. Ward.....	49,697	Feb. 13	120	2120
Bread. Baked.....	Heissler and Junge Company.....	57,734	Nov. 27	125	1341
Bread, biscuits, rolls, pies, cakes, and crackers.....	J. Clary.....	53,745	June 12	122	2378
Bread. Black Graham.....	H. Hirschman.....	52,543	May 8	122	724
Bread, cake, pastry, and crackers.....	George G. Fox Company.....	55,941	Aug. 21	123	2620
Bread. Loaf.....	C. Makin.....	58,595	Dec. 18	125	2357
Bread, pies, cakes, &c.....	Skullman Bread and Pie Com- pany.....	56,832	Oct. 23	124	2527
Bread-raising preparation.....	Rumford Chemical Works.....	49,914	Feb. 20	120	2438
Bread. Wheat.....	E. A. Williams.....	51,418	Apr. 17	121	2313
Bread. Wheat.....	E. A. Williams Incorporated.....	53,417	June 5	122	2049
Breads, rolls, cakes, and pies.....	D. S. Goss.....	55,265	Aug. 14	123	2299
Brewers' pitch.....	J. E. Himes.....	53,221	May 29	122	1712
Brick and terra-cotta.....	McKeesport Brick Co.....	57,414	Nov. 13	125	657
Brick and terra-cotta. Face and fire.....	Federal Clay Product Co.....	55,894	Aug. 21	123	2619
Bricks and artificial stone.....	Florida White Pressed Brick Company.....	49,355	Jan. 30	120	1474
Bricks for stove and furnace linings. Fire- bricks or slabs.....	S. D. Horton.....	52,548	May 15	122	1031
	Scaglioline Brick and Fireproof- ing Co.....	57,476	Nov. 13	125	659
Broadcloth. French.....	Perkins, Van Bergen & Co.....	56,577	Oct. 9	124	1837
Bromids. Preparation of.....	Peacock Chemical Co.....	49,572	Feb. 13	120	2115
Bronze colors, brocades, and leaf metals.....	L. Auerbach & Co.....	55,490	Aug. 14	123	2305
Bronze powders and bronzing liquids.....	G. Benda.....	55,844	Aug. 21	123	2617
Brooches and rings.....	W. McKittrick.....	58,285	Dec. 11	125	2040
Brooches, scarf and cuff pins.....	Kremetz & Co.....	53,386	June 5	122	2047
Brooms.....	American Broom & Brush Co.....	50,141	Mar. 6	121	328
Brooms.....	American Broom & Brush Co.....	50,142	Mar. 6	121	328
Brooms.....	American Broom & Brush Co.....	50,200	Mar. 6	121	330
Brooms.....	American Broom & Brush Co.....	50,201	Mar. 6	121	330
Brooms.....	American Broom & Brush Co.....	50,202	Mar. 6	121	330
Brooms.....	Lee Broom & Duster Company.....	51,901	Apr. 24	121	2658
Brooms.....	American Broom & Brush Co.....	52,288	May 8	122	714
Brooms.....	American Broom & Brush Co.....	52,405	May 8	122	719
Brooms.....	Lee Broom & Duster Company.....	53,375	June 5	122	2047
Brooms.....	American Broom & Brush Co.....	54,567	June 26	122	3000
Brooms.....	Lee Broom & Duster Company.....	56,727	Oct. 16	124	2173
Brooms and brushes.....	J. S. Barron & Co.....	54,055	June 19	122	2679
Brooms and brushes.....	Sächs. Kardatschen-, Bürsten- & Pinsel-Fabrik Ed. Flemming & Co.....	58,806	Dec. 25	125	2754
Brooms. Whisk.....	J. S. Barron & Company.....	56,435	Sept. 25	124	1201
Brushes.....	John L. Whiting & Son Co.....	48,820	Jan. 16	120	893
Brushes.....	J. Sakabe.....	50,342	Mar. 13	121	681
Brushes.....	Ihle and Grupp.....	52,143	May 1	122	344
Brushes.....	S. Maw, Son & Sons.....	53,051	May 22	122	1392
Brushes.....	Wooster Brush Works.....	56,479	Sept. 25	124	1203
Brushes and buffs. Polishing.....	F. W. Gesswein Company.....	56,812	Oct. 23	124	2527
Brushes and daubers for shoe-polish. Polishing- brushes.....	American Chemical Manufactur- ing & Mining Company.....	56,223	Sept. 4	124	313
Brushes. Certain named.....	Grand Rapids Brush Co.....	54,204	June 19	122	2685
Brushes for painters and decorators.....	Hanlon & Goodman.....	50,006	Feb. 27	120	2748
Brushes. Hair.....	H. L. Hughes.....	54,282	June 26	122	2959
Brushes. Hair, clothes, and hat.....	Florence Manufacturing Com- pany.....	55,063	Aug. 7	123	1981
Brushes. Lather.....	Rubber & Celluloid Harness Trimming Co.....	49,131	Jan. 23	120	1159
Brushes. Lather.....	Rubber & Celluloid Harness Trimming Co.....	53,648	June 5	122	2058
Brushes. Lather, shaving, and paint.....	Rubber and Celluloid Harness Trimming Co.....	48,640	Jan. 9	120	648
Brushes. Lather, shaving, and paint.....	Rubber and Celluloid Harness Trimming Co.....	48,641	Jan. 9	120	648
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,830	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,831	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,832	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,833	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,834	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,835	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,836	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,837	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,838	May 22	122	1383
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,851	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,852	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,864	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,865	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,866	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,867	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,868	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,869	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	52,870	May 22	122	1384
Brushes of all kinds.....	John L. Whiting & Son Co.....	53,145	May 29	122	1709
Brushes. Paint.....	E. Clinton & Co.....	49,517	Feb. 6	120	1819
Brushes. Paint, varnish, and sash-tool.....	John L. Whiting & Son Co.....	48,637	Jan. 9	120	648
Brushes. Paint, varnish, and sash-tool.....	John L. Whiting & Son Co.....	48,662	Jan. 9	120	648
Brushes. Paint, varnish, and sash-tool.....	John L. Whiting & Son Co.....	48,663	Jan. 9	120	648

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Brushes. Solid-back.....	Standard Brush Co.....	58,776	Dec. 25	125	2754
Brushes. Tooth.....	C. Loonen.....	50,470	Mar. 20	121	1004
Brushes. Tooth.....	Florence Manufacturing Com- pany.....	52,808	May 15	122	1041
Brushes. Tooth.....	C. Loonen.....	53,271	May 29	122	1714
Brushes. Tooth.....	Florence Manufacturing Com- pany.....	53,373	June 5	122	2047
Brushes. Tooth.....	Florence Manufacturing Com- pany.....	53,374	June 5	122	2047
Brushes. Tooth.....	Florence Manufacturing Com- pany.....	53,546	June 5	122	2054
Brushes. Tooth.....	Florence Manufacturing Com- pany.....	55,064	Aug. 7	123	1981
Brushes. Tooth.....	Sanitol Chemical Laboratory Co..	56,086	Aug. 21	123	2624
Brushes. Tooth.....	T. D. Sinclair.....	58,265	Dec. 11	125	2039
Brushes. Tooth.....	W. L. Martin.....	58,284	Dec. 11	125	2040
Brushes. Tooth and hair.....	H. B. Claffin Company.....	58,486	Dec. 18	125	2354
Buckets. Bottom-dumping.....	G. L. Stuebner.....	53,188	May 29	122	1710
Buggies and carriages.....	Rock Hill Buggy Co.....	51,664	Apr. 17	121	2322
Buggies and carriages.....	Rock Hill Buggy Co.....	51,665	Apr. 17	121	2322
Buggies and carriages.....	Rock Hill Buggy Co.....	54,947	Aug. 7	123	1978
Building and roofing material. Waterproof and weatherproof.	Paraffine Paint Co.....	57,538	Nov. 13	125	660
Bulletins. Financial-news.....	R. E. Edmondson.....	53,141	May 29	122	1709
Burglar-alarm. Electrical.....	American Bank Protection Com- pany.....	55,934	Aug. 21	123	2620
Burglar-alarms.....	Norfolk Novelty Corporation....	52,367	May 8	122	717
Burial-caskets and casket attachments.....	National Casket Co.....	49,079	Jan. 23	120	1157
Burial-caskets, coffins, and fixtures therefor.....	National Casket Co.....	49,441	Feb. 6	120	1815
Burial-caskets, coffins, and fixtures therefor.....	National Casket Co.....	54,047	June 19	122	2679
Burning fluids for use in lamps.....	General Safety Mantle Light Co..	52,299	May 8	122	714
Bust-forms.....	Wright & Co.....	52,050	May 1	122	341
Butchers' tools. Certain named.....	Landers, Frary and Clark.....	57,077	Oct. 30	124	2898
Butter.....	E. F. Dudley.....	48,655	Jan. 9	120	648
Butter.....	Fox River Butter Company.....	50,483	Mar. 20	121	1004
Butter.....	J. P. Baden Produce Co.....	50,485	Mar. 20	121	1005
Butter.....	Currier-Todd Co.....	51,019	Apr. 3	121	1666
Butter.....	D. E. Wood Butter Co.....	51,058	Apr. 3	121	1667
Butter.....	Beyer Bros. Co.....	51,277	Apr. 10	121	1970
Butter.....	E. O. Whitford Company.....	51,287	Apr. 10	121	1971
Butter.....	J. Menendez.....	51,375	Apr. 17	121	2311
Butter.....	Francis H. Leggett & Company.....	51,441	Apr. 17	121	2313
Butter.....	S. T. Edel's Sons.....	52,249	May 1	122	348
Butter.....	Fox River Butter Company.....	52,297	May 8	122	714
Butter.....	F. Grunert.....	52,885	May 22	122	1385
Butter.....	Owl's Head Creamery Company.....	53,008	May 22	122	1390
Butter.....	D. E. Wood Butter Co.....	53,201	May 29	122	1711
Butter.....	Blue Valley Creamery Company.....	53,240	May 29	122	1712
Butter.....	Scott & Company.....	54,390	June 26	122	2903
Butter.....	Fox River Butter Company.....	54,426	June 26	122	2995
Butter.....	H. C. Christians Co.....	54,495	June 26	122	2998
Butter.....	H. J. Grell Butter & Egg Com- pany.....	55,154	Aug. 7	123	1983
Butter.....	G. W. Martin & Bro.....	55,159	Aug. 7	123	1983
Butter.....	Franklin County Creamery As- sociation.....	55,452	Aug. 14	123	2304
Butter.....	Sterling Butter Company.....	55,581	Aug. 14	123	2307
Butter.....	James Rowland & Company.....	55,876	Aug. 21	123	2618
Butter.....	Cook & Brady.....	56,680	Oct. 16	124	2172
Butter.....	Monroe Butter & Cheese Factory.....	56,730	Oct. 16	124	2173
Butter.....	Continental Creamery Company.....	56,818	Oct. 23	124	2527
Butter.....	Continental Creamery Company.....	56,819	Oct. 23	124	2527
Butter.....	Continental Creamery Company.....	56,820	Oct. 23	124	2527
Butter.....	R. M. Burnett.....	56,951	Oct. 30	124	2895
Butter.....	G. W. Linn & Son.....	57,099	Nov. 6	125	341
Butter.....	Ammon & Person.....	57,574	Nov. 13	125	661
Butter.....	A. E. Way & Sons.....	58,176	Dec. 11	125	2037
Butter.....	Geo. C. Mansfield Co.....	58,641	Dec. 18	125	2358
Butter.....	H. C. Christians Co.....	58,642	Dec. 18	125	2358
Butter.....	Cook & Brady.....	58,880	Dec. 25	125	2755
Butter and cheese.....	Blackman & Griffin Co.....	58,127	Dec. 4	125	1696
Butter and cheese.....	Borden's Condensed Milk Co.....	58,578	Dec. 18	125	2357
Butter and lard substitute.....	Parker Webb & Co.....	58,173	Dec. 11	125	2037
Butter. Coconut.....	Oil Seeds Company.....	54,624	June 26	122	3003
Butter-coloring preparations.....	Wells & Richardson Company.....	49,265	Jan. 30	120	1470
Butter-coloring preparations.....	Wells & Richardson Company.....	52,795	May 15	122	1040
Butter-coloring preparations.....	Wells & Richardson Company.....	53,943	June 12	122	2386
Butter-cutters.....	Kuttowait Butter Cutter Com- pany.....	49,693	Feb. 13	120	2120
Butter. Nut.....	C. G. Purdy.....	50,422	Mar. 13	121	685
Butter. Peanut.....	H. Heide.....	54,208	June 19	122	2685
Butter. Peanut.....	J. Koehler.....	58,149	Dec. 4	125	1696
Butter. Peanut.....	A. Van Praag.....	58,208	Dec. 11	125	2038
Butter. Peanut.....	New England Supply Co.....	58,893	Dec. 25	125	2757
Butterin.....	Braun & Fitts.....	49,761	Feb. 13	120	2122
Butterin and oleomargarin.....	Braun & Fitts.....	58,168	Dec. 11	125	2037
Butterin and oleomargarin.....	Braun & Fitts.....	58,551	Dec. 18	125	2356
Butterin or oleomargarin.....	Braun & Fitts.....	48,908	Jan. 16	120	896
Butterin or oleomargarin.....	Braun & Fitts.....	48,980	Jan. 16	120	898
Butterin or oleomargarin.....	Braun & Fitts.....	48,981	Jan. 16	120	898
Butterin or oleomargarin.....	Braun & Fitts.....	48,982	Jan. 16	120	898
Butterin or oleomargarin.....	Braun & Fitts.....	51,119	Apr. 3	121	1670
Button parts.....	C. H. Schott.....	51,101	Apr. 3	121	1669
Buttons.....	Dieckerhoff, Raffloer & Co.....	50,744	Mar. 27	121	1341
Buttons.....	Alma Manufacturing Co.....	52,897	May 22	122	1386
Buttons and studs.....	T. I. Smith Co.....	48,646	Jan. 9	120	648
Buttons and studs. Sleeve and collar.....	Parks Bros. & Rogers.....	51,701	Apr. 24	121	2650

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Buttons and studs. Sleeve and collar.....	Parks Bros. & Rogers.....	51,702	Apr. 24	121	2650
Buttons. Collar.....	Krementsz & Co.....	49,770	Feb. 13	120	2123
Buttons. Collar and cuff.....	King Collar Button Co.....	48,627	Jan. 9	120	643
Buttons. Lever cuff.....	W. H. Wilmarth & Co.....	58,042	Dec. 4	125	1697
Cabinet for medicine. Portable.....	Home Physician Co.....	54,847	July 31	123	1659
Cabinets. Kitchen.....	C. P. McDougall.....	49,213	Jan. 30	120	1468
Cake and pie tins.....	Republic Metalware Company.....	55,337	Aug. 14	123	2301
Cakes.....	J. Hochbaum.....	51,292	Apr. 10	121	1971
Cakes and crackers.....	G. H. Schmidt.....	56,856	Oct. 23	124	2528
Cakes and crullers.....	F. Fischl.....	58,639	Dec. 18	125	2358
Calcimine.....	Tripod Paint Co.....	54,486	June 26	122	2997
Calcimine.....	Manhattan Color Works.....	56,353	Sept. 18	124	901
Calcium carbid.....	Advance Furnace Company of America.....	58,055	Dec. 4	125	1693
Calcium carbid.....	Acetylene Gas Illuminating Company.....	58,095	Dec. 4	125	1694
Calendars and show-cards. Fancy.....	International Art Publishing Co.....	54,848	July 31	123	1659
Calfskin.....	George Martin Leather Co.....	53,783	June 12	122	2380
Calfskin, patent-leather, and waxed calf.....	Doerr & Reinhart.....	50,587	Mar. 27	121	1335
Calicoes.....	American Printing Company.....	50,032	Feb. 27	120	2749
Calicoes.....	American Printing Company.....	50,033	Feb. 27	120	2749
Calicoes.....	American Printing Company.....	50,034	Feb. 27	120	2749
Calicoes.....	American Printing Company.....	52,257	May 8	122	713
Calipers, dividers, and try-squares.....	Brown & Sharpe Manufacturing Company.....	56,130	Aug. 28	123	2969
Cameras. Panoramic.....	Rochester Panoramic Camera Company.....	51,824	Apr. 24	121	2655
Cameras. Photographic.....	Folmer & Schwing Company.....	57,887	Dec. 4	125	1689
Cameras. Photographic.....	Folmer & Schwing Company.....	57,888	Dec. 4	125	1689
Candied fruit.....	C. H. McFarlane.....	58,193	Dec. 11	125	2038
Candied preparation containing rice.....	American Cereal Co.....	56,741	Oct. 16	124	2173
Candies.....	Hawley & Hoops.....	49,097	Jan. 23	120	1158
Candies.....	Schall & Co.....	51,409	Apr. 17	121	2312
Candies.....	C. E. Underwood.....	51,978	May 1	122	338
Candies.....	Rochester Candy Works.....	53,607	June 5	122	2057
Candies.....	H. R. Hansen.....	54,936	Aug. 7	123	1977
Candies.....	G. Brown.....	58,537	Dec. 18	125	2355
Candies.....	W. C. Bracken.....	58,550	Dec. 18	125	2356
Candies.....	H. Heide.....	58,790	Dec. 25	125	2754
Candies.....	Gardner & Gould.....	58,885	Dec. 25	125	2756
Candies and bonbons.....	A. H. Potter.....	55,436	Aug. 14	123	2303
Candies and chocolates.....	C. E. Rall.....	58,153	Dec. 4	125	1696
Candies and chocolates of all descriptions.....	S. F. Whitman & Son.....	50,865	Apr. 3	121	1659
Candies and chocolates of all descriptions.....	S. F. Whitman & Son.....	50,866	Apr. 3	121	1659
Candies, bonbons, and chocolate candies.....	M. L. Morgenthau.....	55,397	Aug. 14	123	2302
Candies, bonbons, and chocolate candies.....	M. L. Morgenthau.....	58,194	Dec. 11	125	2038
Candies, bonbons, and chocolate candies.....	M. L. Morgenthau.....	58,195	Dec. 11	125	2038
Candies, bonbons, and chocolate candy.....	M. L. Morgenthau.....	52,004	May 22	122	1390
Candies. Certain.....	George Ziegler Co.....	50,441	Mar. 20	121	1003
Candies. Chocolate.....	Hazen Confectionery Company.....	49,900	Feb. 20	120	2437
Candies. Chocolate.....	Trowbridge Chocolate Chip Company.....	55,222	Aug. 7	123	1985
Candies of all kinds.....	J. G. McDonald Candy Co.....	48,927	Jan. 16	120	896
Candies of all kinds.....	Hazelwood Company.....	50,681	Mar. 27	121	1339
Candies of all kinds, including chocolate candies.....	J. Govatos.....	56,319	Sept. 11	124	619
Candies of various flavors. Small round.....	D. Auerbach & Sons.....	49,143	Jan. 23	120	1160
Candies. Plain and fancy.....	Tacoma Biscuit & Candy Company.....	56,264	Sept. 4	124	314
Candles. Short thick.....	Clarke's - Pyramid and Fairy Light Company.....	50,498	Mar. 20	121	1005
Candles. Short thick.....	Clarke's - Pyramid and Fairy Light Company.....	50,499	Mar. 20	121	1005
Candles. Short thick.....	Clarke's - Pyramid and Fairy Light Company.....	50,500	Mar. 20	121	1005
Candy.....	Reymer & Brothers.....	48,526	Jan. 2	120	318
Candy.....	Chandler and Rudd Company.....	48,599	Jan. 2	120	321
Candy.....	Hawley & Hoops.....	48,621	Jan. 9	120	647
Candy.....	Chandler and Rudd Company.....	48,701	Jan. 9	120	650
Candy.....	Bradley Smith & Co.....	48,945	Jan. 16	120	897
Candy.....	Murbach Company.....	49,102	Jan. 23	120	1158
Candy.....	Bradley Smith & Co.....	49,169	Jan. 23	120	1161
Candy.....	New England Confectionery Co.....	49,239	Jan. 30	120	1469
Candy.....	New England Confectionery Co.....	49,295	Jan. 30	120	1471
Candy.....	Reymer & Brothers.....	49,486	Feb. 6	120	1817
Candy.....	Postum Cereal Co.....	49,913	Feb. 20	120	2438
Candy.....	G. B. Hazard.....	50,044	Feb. 27	120	2749
Candy.....	Reymer & Brothers.....	50,690	Mar. 27	121	1339
Candy.....	Sweet Candy Co.....	51,510	Apr. 17	121	2316
Candy.....	P. Wunderle.....	51,856	Apr. 24	121	2656
Candy.....	P. Wunderle.....	51,857	Apr. 24	121	2656
Candy.....	Brandle & Smith Co.....	52,005	May 1	122	339
Candy.....	Dilling & Co.....	52,062	May 1	122	341
Candy.....	H. L. Hildreth.....	52,070	May 1	122	341
Candy.....	C. Wunderle.....	52,350	May 8	122	716
Candy.....	W. Brownley.....	52,438	May 8	122	720
Candy.....	P. Wunderle.....	52,582	May 15	122	1032
Candy.....	Darby Candy Co.....	52,973	May 22	122	1389
Candy.....	Robert F. Mackenzie Co.....	53,010	May 22	122	1390
Candy.....	P. Wunderle.....	53,370	May 29	122	1718
Candy.....	Manufacturing Company of America.....	53,555	June 5	122	2054
Candy.....	Reymer & Brothers.....	53,564	June 5	122	2055
Candy.....	P. Wunderle.....	53,653	June 5	122	2058
Candy.....	Sprague, Warner & Company.....	53,669	June 12	122	2375
Candy.....	Robert F. Mackenzie Co.....	53,732	June 12	122	2378
Candy.....	Paul L. Beich Co.....	53,761	June 12	122	2379
Candy.....	Hiller Confectionery Company.....	54,469	June 26	122	2996

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Candy.....	Lipps-Murbach Co. of Baltimore City.....	54,500	June 26	122	2998
Candy.....	Pepper Company.....	54,522	June 26	122	2999
Candy.....	Reymer & Brothers.....	54,524	June 26	122	2999
Candy.....	J. F. Birkmeyer & Sons.....	55,365	Aug. 14	123	2301
Candy.....	P. Wunderle.....	54,958	Aug. 7	123	1978
Candy.....	Wallace & Co.....	54,955	Aug. 7	123	1978
Candy.....	P. Wunderle.....	54,959	Aug. 7	123	1978
Candy.....	George Blome & Son Co.....	55,066	Aug. 7	123	1981
Candy.....	J. F. Birkmeyer & Sons.....	55,365	Aug. 14	123	2301
Candy.....	Littlefield & Steere Co.....	55,390	Aug. 14	123	2302
Candy.....	New England Confectionery Co.....	55,401	Aug. 14	123	2302
Candy.....	F. M. Switzer.....	55,838	Aug. 21	123	2617
Candy.....	J. G. Arcand.....	55,843	Aug. 21	123	2617
Candy.....	Griggs, Cooper & Company.....	56,132	Aug. 28	123	2969
Candy.....	Rabboli Sons Co.....	56,256	Sept. 4	124	314
Candy.....	Lipps-Murbach Co. of Baltimore City.....	56,456	Sept. 25	124	1202
Candy.....	Lipps-Murbach Co. of Baltimore City.....	56,457	Sept. 25	124	1202
Candy.....	Lipps-Murbach Co. of Baltimore City.....	56,458	Sept. 25	124	1202
Candy.....	Lipps-Murbach Co. of Baltimore City.....	57,597	Nov. 13	125	662
Candy.....	Allen Candy Co.....	57,688	Nov. 27	125	1340
Candy.....	Lipps-Murbach Co. of Baltimore City.....	57,715	Nov. 27	125	1341
Candy.....	Manufacturing Company of America.....	57,717	Nov. 27	125	1341
Candy.....	Manufacturing Company of America.....	58,150	Dec. 4	125	1696
Candy.....	Kibbe Brothers Company.....	58,865	Dec. 25	125	2756
Candy and candied popcorn.....	Rueckheim Bros. and Eckstein.....	56,880	Oct. 23	124	2529
Candy and rock-candy syrups. Rock-.....	Knickerbocker Chocolate Company.....	53,463	June 5	122	2050
Candy. Chocolate.....	Quaker City Chocolate and Confectionery Company.....	54,944	Aug. 7	123	1978
Candy. Chocolate.....	Quaker City Chocolate and Confectionery Company.....	54,945	Aug. 7	123	1978
Candy. Chocolate and all kinds of.....	Great American Automatic Vending Machine Company.....	51,838	Apr. 24	121	2655
Candy. Chocolate-coated.....	Hook & Crownfield.....	52,071	May 1	122	341
Candy. Cough-.....	Doniphan & Co.....	51,520	Apr. 17	121	2317
Candy. Hard and soft.....	Quaker City Chocolate and Confectionery Company.....	54,946	Aug. 7	123	1978
Candy. Hard and soft.....	Quaker City Chocolate and Confectionery Company.....	57,604	Nov. 12	125	662
Candy. Hard and soft.....	Quaker City Chocolate and Confectionery Company.....	57,605	Nov. 13	125	662
Candy kisses.....	Ginter Grocery Co.....	55,380	Aug. 14	123	2302
Candy kisses.....	Ginter Grocery Co.....	55,817	Aug. 21	123	2617
Candy. Mint.....	Manufacturing Company of America.....	52,075	May 1	122	341
Candles and tapers.....	Price's Patent Candle Company.....	52,079	May 1	122	342
Cane-mills.....	C. S. Bell Co.....	55,051	Aug. 7	123	1980
Canned and bottled fruits and vegetables.....	S. Hamill Company.....	49,676	Feb. 13	120	2119
Canned and bottled vegetables, fruits, and jellies.....	Abraham & Straus.....	56,949	Oct. 30	124	2895
Canned and tinned salmon.....	Richard B. Green & Co.....	53,792	June 12	122	2380
Canned, bottled, and packaged fruits and vegetables.....	Zarnits Brothers Grocery Co.....	57,619	Nov. 13	125	662
Canned, bottled, and preserved fruits and vegetables.....	Wilson Grocery Company.....	52,590	May 15	122	1032
Canned, bottled, and preserved fruits and vegetables.....	L. De Groff & Son.....	54,891	July 31	123	1660
Canned, bottled, or preserved fruits and vegetables.....	Wilson Grocery Company.....	54,187	June 19	122	2684
Canned corn.....	S. N. Hyde Co.....	49,543	Feb. 6	120	1820
Canned corn.....	P. Hohenadel, Jr., Co.....	51,039	Apr. 3	121	1666
Canned corn.....	P. Hohenadel, Jr., Canning Co.....	51,040	Apr. 3	121	1667
Canned corn.....	P. Hohenadel, Jr.....	51,765	Apr. 24	121	2652
Canned corn.....	P. Hohenadel, Jr.....	52,979	May 22	122	1389
Canned corn.....	Portland Packing Company.....	53,791	June 12	122	2380
Canned corn.....	Burnham & Morrill Company.....	54,372	June 26	122	2992
Canned corn.....	Portland Packing Company.....	56,298	Sept. 4	124	315
Canned corn.....	Bloomington Canning Company.....	58,625	Dec. 18	125	2358
Canned corn.....	Bloomington Canning Company.....	58,626	Dec. 18	125	2358
Canned corn.....	Great Western Canning Co.....	57,038	Oct. 30	124	2897
Canned corn and hominy.....	P. Hohenadel, Jr.....	54,513	June 26	122	2998
Canned corn and sauer-kraut.....	P. Hohenadel, Jr.....	54,514	June 26	122	2998
Canned corn and sauer-kraut.....	H. F. Webb Company.....	54,136	June 19	122	2682
Canned corn and succotash.....	H. F. Webb Company.....	54,137	June 19	122	2682
Canned corn and succotash.....	Saco Valley Canning Company.....	54,147	June 19	122	2683
Canned corn and succotash.....	H. F. Webb Company.....	54,191	June 19	122	2684
Canned corn and succotash.....	Saco Valley Canning Company.....	54,436	June 26	122	2995
Canned extract of green corn.....	Haserot Canneries Company.....	51,866	Apr. 24	121	2656
Canned fish.....	Schwabacher Bros. & Co.....	51,389	Apr. 17	121	2312
Canned fish.....	Schwabacher Bros. & Co.....	51,504	Apr. 17	121	2316
Canned fish.....	Gennerich & Von Bremen.....	52,199	May 1	122	346
Canned fish.....	Kelley-Clarke Co.....	56,962	Oct. 30	124	2895
Canned fish.....	Kelley-Clarke Co.....	56,988	Oct. 30	124	2896
Canned fish.....	Kelley-Clarke Co.....	57,148	Nov. 6	125	342
Canned fish.....	Sprague, Warner & Company.....	57,154	Nov. 6	125	342
Canned fish.....	Sprague, Warner & Company.....	57,155	Nov. 6	125	342
Canned fish.....	Sprague, Warner & Company.....	57,172	Nov. 6	125	343
Canned fish and oysters.....	Oklahoma Wholesale Grocer Co.....	57,602	Nov. 13	125	662
Canned fish, clams, and oysters.....	R. C. Williams & Co.....	49,087	Jan. 23	120	1158
Canned fish, lobster, clams, and clam-chowder.....	H. C. Baxter.....	54,157	June 19	122	2683
Canned fruits.....	Gennerich & Von Bremen.....	51,026	Apr. 3	121	1666
Canned fruits.....	Schwabacher Bros. & Co.....	52,340	May 8	122	716
Canned fruits.....	California Canneries Co.....	52,770	May 15	122	1039
Canned fruits.....	California Canneries Co.....	54,402	June 26	122	2993

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Canned fruits and vegetables.	Scudders-Gale Grocer Company.	48,465	Jan. 2	120	316
Canned fruits and vegetables.	Scudders-Gale Grocer Company.	48,740	Jan. 9	120	652
Canned fruits and vegetables.	M. J. Boyer.	49,629	Feb. 13	120	2117
Canned fruits and vegetables.	Frank C. Weber and Co.	49,650	Feb. 13	120	2118
Canned fruits and vegetables.	Frank C. Weber and Co.	49,651	Feb. 13	120	2118
Canned fruits and vegetables.	Portland Packing Company.	49,670	Feb. 13	120	2119
Canned fruits and vegetables.	Portland Packing Company.	49,671	Feb. 13	120	2119
Canned fruits and vegetables.	Portland Packing Company.	49,672	Feb. 13	120	2119
Canned fruits and vegetables.	Portland Packing Company.	49,673	Feb. 13	120	2119
Canned fruits and vegetables.	G. Frank.	50,369	Mar. 13	121	682
Canned fruits and vegetables.	Gibbs Preserving Company of Baltimore City.	50,442	Mar. 20	121	1003
Canned fruits and vegetables.	Pratt-Low Preserving Co.	50,623	Mar. 27	121	1336
Canned fruits and vegetables.	Pratt-Low Preserving Co.	51,043	Apr. 3	121	1667
Canned fruits and vegetables.	J. E. Kriete.	51,080	Apr. 3	121	1668
Canned fruits and vegetables.	Weideman Company.	51,306	Apr. 10	121	1972
Canned fruits and vegetables.	Weideman Company.	51,307	Apr. 10	121	1972
Canned fruits and vegetables.	Davis, Baxter & Company.	51,462	Apr. 17	121	2314
Canned fruits and vegetables.	Bloomington Canning Co.	52,129	May 1	122	343
Canned fruits and vegetables.	Torsch Packing Co.	52,163	May 1	122	345
Canned fruits and vegetables.	Schwabacher Bros. & Co.	52,341	May 8	122	716
Canned fruits and vegetables.	Griggs, Cooper & Company.	52,645	May 15	122	1034
Canned fruits and vegetables.	Sprague, Warner & Company.	52,651	May 15	122	1035
Canned fruits and vegetables.	Platt & Company.	52,684	May 15	122	1036
Canned fruits and vegetables.	Wilkinson, Gaddis & Co.	52,924	May 22	122	1387
Canned fruits and vegetables.	S. Hamill Company.	52,936	May 22	122	1387
Canned fruits and vegetables.	Booth Packing Company.	52,993	May 22	122	1389
Canned fruits and vegetables.	Wayne County Preserving Co.	53,296	May 29	122	1715
Canned fruits and vegetables.	Wayne County Preserving Co.	53,297	May 29	122	1715
Canned fruits and vegetables.	Wayne County Preserving Co.	53,298	May 29	122	1715
Canned fruits and vegetables.	Wayne County Preserving Co.	53,299	May 29	122	1715
Canned fruits and vegetables.	Pratt-Low Preserving Co.	53,326	May 29	122	1716
Canned fruits and vegetables.	L. Landau & Co.	53,346	May 29	122	1717
Canned fruits and vegetables.	H. C. Baxter.	53,773	June 12	122	2379
Canned fruits and vegetables.	Cazenovia Canning Co.	54,130	June 19	122	2682
Canned fruits and vegetables.	Cazenovia Canning Co.	54,131	June 19	122	2682
Canned fruits and vegetables.	Cazenovia Canning Co.	54,132	June 19	122	2682
Canned fruits and vegetables.	Cazenovia Canning Co.	54,133	June 19	122	2682
Canned fruits and vegetables.	Sprague, Warner & Company.	54,394	June 26	122	2993
Canned fruits and vegetables.	Wayne County Preserving Co.	54,399	June 26	122	2993
Canned fruits and vegetables.	Abbott Grocery Co.	54,400	June 26	122	2993
Canned fruits and vegetables.	Booth Packing Company.	54,410	June 26	122	2994
Canned fruits and vegetables.	Platt & Company.	54,523	June 26	122	2999
Canned fruits and vegetables.	Griggs, Cooper and Company.	55,206	Aug. 7	123	1985
Canned fruits and vegetables.	Twitchell-Champlin Co.	56,735	Oct. 16	124	2173
Canned fruits and vegetables.	Sprague, Warner & Company.	56,834	Oct. 23	124	2527
Canned fruits and vegetables.	Sprague, Warner & Company.	56,835	Oct. 23	124	2527
Canned fruits and vegetables.	J. F. Humphreys & Co.	56,961	Oct. 30	124	2895
Canned fruits and vegetables.	H. Eggers & Co.	57,020	Oct. 30	124	2897
Canned fruits and vegetables.	Booth Packing Company.	57,135	Nov. 6	125	342
Canned fruits and vegetables.	Booth Packing Company.	57,136	Nov. 6	125	342
Canned fruits and vegetables.	E. T. Smith Company.	57,586	Nov. 13	125	661
Canned fruits and vegetables.	Pratt-Low Preserving Co.	57,658	Nov. 27	125	1339
Canned fruits and vegetables.	Stone-Ordean-Wells Co.	57,660	Nov. 27	125	1339
Canned fruits and vegetables.	Stone-Ordean-Wells Co.	57,661	Nov. 27	125	1339
Canned fruits and vegetables.	Klauber Wangenheim Co.	58,148	Dec. 4	125	1696
Canned fruits and vegetables.	Booth Packing Company.	58,179	Dec. 11	125	2037
Canned fruits and vegetables.	Oneida Community.	58,610	Dec. 18	125	2357
Canned goods. Certain named.	Saco Valley Canning Company.	54,146	June 19	122	2682
Canned goods. Certain named.	Saco Valley Canning Company.	54,148	June 19	122	2683
Canned hominy.	Sunlight Hominy Co.	56,340	Sept. 11	124	620
Canned lobster.	Griggs, Cooper & Company.	52,327	May 8	122	715
Canned lobster.	Wilkinson, Gaddis & Co.	52,923	May 22	122	1387
Canned lobster.	H. C. Baxter & Bro.	54,188	June 19	122	2684
Canned lobster and mackerel.	H. C. Barter.	52,694	May 15	122	1036
Canned lobsters.	Burnham & Morrill Company.	52,289	May 8	122	714
Canned lobsters.	Burnham & Morrill Company.	52,290	May 8	122	714
Canned lobsters.	Burnham & Morrill Company.	52,291	May 8	122	714
Canned lobsters.	J. Gilliam.	52,569	May 15	122	1032
Canned lobsters, mackerel, clams, and clam-chowder.	Portland Packing Company.	54,176	June 19	122	2684
Canned meats.	Francis H. Leggett & Company.	50,370	Mar. 13	121	682
Canned meats.	Sprague, Warner & Company.	57,107	Nov. 6	125	341
Canned meats.	J. & F. Schroth Packing Co.	58,310	Dec. 11	125	2041
Canned or bottled vegetables.	Gennerich & Von Bremen.	52,201	May 1	122	346
Canned or preserved fruits and vegetables.	C. W. Baker & Sons.	48,978	Jan. 16	120	898
Canned oysters.	Gibbs Preserving Company of Baltimore City.	52,202	May 1	122	346
Canned oysters.	Booth Packing Company.	53,415	June 5	122	2049
Canned oysters.	Gibbs Preserving Company of Baltimore City.	54,167	June 19	122	2683
Canned oysters.	Booth Packing Company.	57,160	Nov. 6	125	343
Canned oysters, fish, clams, crabs, shrimp, and lobsters.	A. Booth and Company.	50,030	Feb. 27	120	2749
Canned pears.	R. S. Beston.	49,898	Feb. 20	120	2137
Canned pineapple.	Booth Packing Company.	53,267	May 29	122	1714
Canned pineapples.	Planters Packing and Preserving Co.	51,747	Apr. 24	121	2652
Canned pineapples.	Paul Taylor Brown Co.	53,443	June 5	122	2050
Canned salmon.	J. G. Megler.	50,050	Feb. 27	120	2749
Canned salmon.	J. G. Megler.	50,051	Feb. 27	120	2749
Canned salmon.	J. G. Megler.	50,052	Feb. 27	120	2750
Canned salmon.	J. G. Megler.	50,281	Mar. 6	121	333
Canned salmon.	J. G. Megler.	50,282	Mar. 6	121	333
Canned salmon.	Fidalgo Island Packing Co.	51,288	Apr. 10	121	1971
Canned salmon.	Fidalgo Island Packing Co.	51,321	Apr. 10	121	1972
Canned salmon.	Fidalgo Island Packing Co.	51,322	Apr. 10	121	1972
Canned salmon.	Fidalgo Island Packing Co.	51,463	Apr. 17	121	2314

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Canned salmon.....	Fidalgo Island Packing Co.....	53,269	May 29	122	1714
Canned salmon.....	Fidalgo Island Packing Co.....	54,189	June 19	122	2684
Canned salmon.....	Fidalgo Island Packing Co.....	54,190	June 19	122	2684
Canned salmon.....	Alaska Packers Association.....	53,738	June 12	122	2378
Canned salmon.....	Bandon Packing Co.....	54,888	July 31	123	1660
Canned salmon.....	Seuflert Brothers Company.....	58,163	Dec. 11	125	2037
Canned salmon.....	Seuflert Brothers Company.....	58,164	Dec. 11	125	2037
Canned salmon.....	Seuflert Brothers Company.....	58,165	Dec. 11	125	2037
Canned salmon.....	Seuflert Brothers Company.....	58,175	Dec. 11	125	2037
Canned sardines.....	William Underwood Company.....	48,674	Jan. 9	120	649
Canned sardines.....	C. B. Mitchell.....	50,284	Mar. 6	121	333
Canned sardines.....	William Underwood Company.....	50,406	Mar. 13	121	684
Canned sardines.....	William Underwood Company.....	50,494	Mar. 20	121	1005
Canned sardines.....	C. B. Mitchell.....	51,868	Apr. 24	121	2656
Canned sardines.....	William Underwood Company.....	52,990	May 22	122	1389
Canned sea foods.....	Snow Flake Canning Co.....	52,254	May 1	122	348
Canned sea foods.....	Kensett & Co.....	58,230	Dec. 11	125	2039
Canned sea foods. Certain.....	Sprague, Warner & Company.....	57,171	Nov. 6	125	343
Canned soups.....	E. H. King.....	48,994	Jan. 16	120	899
Canned succotash.....	Burnham & Morrill Company.....	54,492	June 26	122	2997
Canned tomatoes.....	H. von Glahn & Son.....	58,209	Dec. 11	125	2038
Canned vegetables.....	E. V. Stockham.....	52,219	May 1	122	347
Canned vegetables.....	Baxter Bros. Co.....	52,242	May 1	122	348
Canned vegetables.....	Bloomington Canning Co.....	54,915	Aug. 7	123	1977
Canned vegetables.....	Portland Packing Company.....	56,216	Sept. 4	124	313
Canned vegetables.....	Portland Packing Company.....	56,217	Sept. 4	124	313
Canned vegetables.....	Bruns Bros. Gro. Co.....	56,840	Oct. 23	124	2528
Canned vegetables.....	E. S. Dingley Company.....	58,143	Dec. 4	125	1696
Canned vegetables.....	A. Tsakonas.....	58,157	Dec. 4	125	1696
Canned vegetables and fruit.....	Abbott Grocery Co.....	56,580	Oct. 9	124	1837
Canned vegetables and fruits.....	S. J. Seneca.....	50,291	Mar. 6	121	334
Canned vegetables and fruits.....	Francis H. Leggett & Company.....	52,322	May 8	122	715
Canned vegetables and fruits.....	Stoddard Gilbert & Co.....	53,815	June 12	122	2381
Cans.....	J. H. Chidester.....	56,004	Aug. 21	123	2622
Cans.....	J. H. Chidester.....	57,958	Dec. 4	125	1691
Cans. Milk.....	Oakes & Burger.....	51,905	Apr. 24	121	2658
Canoes.....	Old Town Canoe Co.....	57,385	Nov. 13	125	656
Canopies. Bed.....	Southern Canopy Company.....	54,797	July 31	123	1657
Canopies. Bed.....	Southern Canopy Company.....	54,798	July 31	123	1657
Cantaloups.....	A. F. Young & Co.....	55,799	Aug. 21	123	2616
Cantaloups.....	A. F. Young & Co.....	56,948	Oct. 23	124	2530
Canvas hose-duck, awning-stripes, and sail-duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	49,722	Feb. 13	120	2121
Capers.....	Griggs, Cooper & Company.....	54,207	June 19	122	2685
Caps and blasting-fuses. Detonating.....	Aetna Powder Co.....	52,843	May 22	122	1383
Caps and corks.....	Phoenix Cap Company.....	50,892	Apr. 3	121	1660
Caps or primers for blasting.....	Metallic Cap Manufacturing Co.....	54,011	June 19	122	2677
Caps or primers for blasting.....	Metallic Cap Manufacturing Co.....	54,012	June 19	122	2677
Caps. Percussion.....	Eley Brothers.....	53,747	June 12	122	2378
Capsules.....	J. M. Grosvenor & Co.....	54,599	June 26	122	3002
Capsules. Filled gelatin.....	J. R. Planten.....	51,355	Apr. 10	121	1974
Capsules. Filled gelatin.....	J. R. Planten.....	51,356	Apr. 10	121	1974
Capsules. Gelatinous elastic.....	Hance Bros. & White.....	50,414	Mar. 13	121	684
Car-holster.....	E. H. Benners.....	55,729	Aug. 21	123	2614
Car castings. Railway.....	National Malleable Castings Company.....	53,103	May 29	122	1707
Car castings. Railway.....	National Malleable Castings Company.....	53,558	June 5	122	2054
Car castings. Railway.....	National Malleable Castings Company.....	53,559	June 5	122	2054
Car castings. Railway.....	National Malleable Castings Company.....	55,135	Aug. 7	123	1983
Car-couplings. Automatic.....	McConway & Torley Co.....	48,958	Jan. 16	120	898
Car-couplings, car-buffers, and draft-gears and parts thereof.....	Gould Coupler Co.....	50,443	Mar. 20	121	1003
Car-couplings. Vertical-plane.....	National Malleable Castings Company.....	50,951	Apr. 3	121	1663
Car-couplings. Vertical-plane.....	National Malleable Castings Company.....	50,952	Apr. 3	121	1663
Car-couplings. Vertical-plane.....	National Malleable Castings Company.....	52,916	May 22	122	1386
Car-door hangers, fasteners, and guide-brackets. Freight.....	Camel Company.....	50,896	Apr. 3	121	1660
Car-door trimmings. Freight.....	Camel Company.....	50,872	Apr. 3	121	1659
Car journal-boxes. Railway.....	National Malleable Castings Company.....	57,754	Nov. 27	125	1342
Car journal-boxes. Railway.....	National Malleable Castings Company.....	57,755	Nov. 27	125	1342
Car-movers.....	R. Miller.....	57,753	Nov. 27	125	1342
Car-seats.....	Hale and Kilburn Manufacturing Company.....	57,909	Dec. 4	125	1690
Car seats. Railway.....	J. G. Brill Company.....	55,388	Aug. 14	123	2302
Cars. Dump.....	Ingoldsby Automatic Car Company.....	56,987	Oct. 30	124	2896
Caramels.....	Blanke-Wenneker Candy Company.....	55,804	Aug. 21	123	2616
Caramels and candies.....	American Caramel Co.....	50,741	Mar. 27	121	1341
Caramels and candies.....	American Caramel Co.....	51,915	Apr. 24	121	2658
Caramels and candies.....	American Caramel Co.....	52,313	May 8	122	715
Carbon bisulfid (CS ₂).....	E. R. Taylor.....	49,227	Jan. 30	120	1469
Carbons for electrical purposes.....	H. Reisinger.....	52,668	May 15	122	1035
Carbonated non-alcoholic stimulant.....	H. Ahrens.....	58,332	Dec. 11	125	2041
Card-holder.....	G. F. Wedderburn.....	51,255	Apr. 10	121	1970
Cards and posters. Pictorial post, congratulatory, and fancy.....	Chromolithographische Kunstanstalt Paul Finkenrath, Gesellschaft mit beschränkter Haftung.....	54,653	June 26	122	3004
Cards. Picture.....	W. M. Reeves.....	58,612	Dec. 18	125	2357

Alphabetical list of trade-marks—Continued.

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Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cards. Playing.....	United States Playing Card Co...	49,113	Jan. 23	120	1159
Cards. Playing.....	United States Playing Card Co...	49,114	Jan. 23	120	1159
Cards. Playing.....	United States Playing Card Co...	49,255	Jan. 30	120	1470
Cards. Playing.....	United States Playing Card Co...	49,256	Jan. 30	120	1470
Cards. Playing.....	United States Playing Card Co...	49,257	Jan. 30	120	1470
Cards. Playing.....	New York Consolidated Card Company.	49,413	Feb. 6	120	1814
Cards. Playing.....	New York Consolidated Card Company.	49,414	Feb. 6	120	1814
Cards. Playing.....	New York Consolidated Card Company.	49,415	Feb. 6	120	1814
Cards. Playing.....	New York Consolidated Card Company.	49,416	Feb. 6	120	1815
Cards. Playing.....	New York Consolidated Card Company.	49,417	Feb. 6	120	1815
Cards. Playing.....	New York Consolidated Card Company.	49,418	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,419	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,420	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,421	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,422	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,423	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,424	Feb. 6	120	1815
Cards. Playing.....	United States Playing Card Co...	49,425	Feb. 6	120	1815
Cards. Playing.....	A. Dougherty	49,426	Feb. 6	120	1815
Cards. Playing.....	New York Consolidated Card Company.	49,742	Feb. 13	120	2122
Cards. Playing.....	United States Playing Card Co...	49,745	Feb. 13	120	2122
Cards. Playing.....	United States Playing Card Co...	49,746	Feb. 13	120	2122
Cards. Playing.....	United States Playing Card Co...	49,747	Feb. 13	120	2122
Cards. Playing.....	United States Playing Card Co...	49,748	Feb. 13	120	2122
Cards. Playing.....	United States Playing Card Co...	49,803	Feb. 20	120	2433
Cards. Playing.....	New York Consolidated Card Company.	49,840	Feb. 20	120	2435
Cards. Playing.....	New York Consolidated Card Company.	49,841	Feb. 20	120	2435
Cards. Playing.....	New York Consolidated Card Company.	49,842	Feb. 20	120	2435
Cards. Playing.....	New York Consolidated Card Company.	49,843	Feb. 20	120	2435
Cards. Playing.....	United States Playing Card Co...	49,844	Feb. 20	120	2435
Cards. Playing.....	United States Playing Card Co...	49,845	Feb. 20	120	2435
Cards. Playing.....	United States Playing Card Co...	49,846	Feb. 20	120	2435
Cards. Playing.....	New York Consolidated Card Company.	49,889	Feb. 20	120	2437
Cards. Playing.....	New York Consolidated Card Company.	49,936	Feb. 27	120	2745
Cards. Playing.....	New York Consolidated Card Company.	49,937	Feb. 27	120	2745
Cards. Playing.....	New York Consolidated Card Company.	49,938	Feb. 27	120	2745
Cards. Playing.....	New York Consolidated Card Company.	49,939	Feb. 27	120	2745
Cards. Playing.....	New York Consolidated Card Company.	50,024	Feb. 27	120	2748
Cards. Playing.....	New York Consolidated Card Company.	50,025	Feb. 27	120	2748
Cards. Playing.....	New York Consolidated Card Company.	50,061	Feb. 27	120	2750
Cards. Playing.....	New York Consolidated Card Company.	50,073	Mar. 6	121	325
Cards. Playing.....	New York Consolidated Card Company.	50,074	Mar. 6	121	325
Cards. Playing.....	New York Consolidated Card Company.	50,075	Mar. 6	121	325
Cards. Playing.....	New York Consolidated Card Company.	50,076	Mar. 6	121	325
Cards. Playing.....	New York Consolidated Card Company.	50,077	Mar. 6	121	325
Cards. Playing.....	United States Playing Card Co...	50,078	Mar. 6	121	325
Cards. Playing.....	United States Playing Card Co...	50,079	Mar. 6	121	325
Cards. Playing.....	New York Consolidated Card Company.	50,106	Mar. 6	121	326
Cards. Playing.....	New York Consolidated Card Company.	50,107	Mar. 6	121	326
Cards. Playing.....	New York Consolidated Card Company.	50,108	Mar. 6	121	327
Cards. Playing.....	New York Consolidated Card Company.	50,109	Mar. 6	121	327
Cards. Playing.....	New York Consolidated Card Company.	50,110	Mar. 6	121	327
Cards. Playing.....	New York Consolidated Card Company.	50,111	Mar. 6	121	327
Cards. Playing.....	New York Consolidated Card Company.	50,112	Mar. 6	121	327
Cards. Playing.....	New York Consolidated Card Company.	50,113	Mar. 6	121	327
Cards. Playing.....	New York Consolidated Card Company.	50,114	Mar. 6	121	327
Cards. Playing.....	United States Playing Card Co...	50,116	Mar. 6	121	327
Cards. Playing.....	United States Playing Card Co...	50,117	Mar. 6	121	327
Cards. Playing.....	United States Playing Card Co...	50,350	Mar. 13	121	682
Cards. Playing.....	United States Playing Card Co...	50,351	Mar. 13	121	682
Cards. Playing.....	United States Playing Card Co...	50,352	Mar. 13	121	682
Cards. Playing.....	United States Playing Card Co...	51,202	Apr. 10	121	1968
Cards. Playing.....	United States Playing Card Co...	51,378	Apr. 17	121	2311
Cards. Playing.....	United States Playing Card Co...	51,379	Apr. 17	121	2311

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cards. Playing.....	United States Playing Card Co...	51,380	Apr. 17	121	2311
Cards. Playing.....	New York Consolidated Card Company.	51,449	Apr. 17	121	2314
Cards. Playing.....	New York Consolidated Card Company.	51,450	Apr. 17	121	2314
Cards. Playing.....	New York Consolidated Card Company.	51,475	Apr. 17	121	2315
Cards. Playing.....	United States Playing Card Co...	51,716	Apr. 24	121	2650
Cards. Playing.....	United States Playing Card Co...	51,737	Apr. 24	121	2651
Cards. Playing.....	United States Playing Card Co...	51,738	Apr. 24	121	2651
Cards. Playing.....	United States Playing Card Co...	51,749	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,750	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,751	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,752	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,753	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,754	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,755	Apr. 24	121	2652
Cards. Playing.....	United States Playing Card Co...	51,756	Apr. 24	121	2652
Cards. Playing.....	New York Consolidated Card Company.	51,847	Apr. 24	121	2656
Cards. Playing.....	New York Consolidated Card Company.	52,014	May 1	122	339
Cards. Playing.....	New York Consolidated Card Company.	52,015	May 1	122	339
Cards. Playing.....	New York Consolidated Card Company.	52,016	May 1	122	339
Cards. Playing.....	New York Consolidated Card Company.	52,017	May 1	122	339
Cards. Playing.....	New York Consolidated Card Company.	52,018	May 1	122	339
Cards. Playing.....	New York Consolidated Card Company.	52,019	May 1	122	339
Cards. Playing.....	United States Playing Card Co...	52,025	May 1	122	340
Cards. Playing.....	United States Playing Card Co...	52,026	May 1	122	340
Cards. Playing.....	United States Playing Card Co...	52,027	May 1	122	340
Cards. Playing.....	United States Playing Card Co...	52,028	May 1	122	340
Cards. Playing.....	United States Playing Card Co...	52,029	May 1	122	340
Cards. Playing.....	United States Playing Card Co...	52,471	May 8	122	721
Cards. Playing.....	New York Consolidated Card Company.	52,491	May 8	122	722
Cards. Playing.....	New York Consolidated Card Company.	52,552	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,553	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,554	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,555	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,556	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,557	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,558	May 15	122	1031
Cards. Playing.....	New York Consolidated Card Company.	52,559	May 15	122	1031
Cards. Playing.....	United States Playing Card Co...	52,763	May 15	122	1039
Cards. Playing.....	New York Consolidated Card Company.	53,052	May 22	122	1392
Cards. Playing.....	New York Consolidated Card Company.	53,053	May 22	122	1392
Cards. Playing.....	New York Consolidated Card Company.	53,054	May 22	122	1392
Cards. Playing.....	United States Playing Card Co...	53,063	May 22	122	1392
Cards. Playing.....	United States Playing Card Co...	53,089	May 22	122	1393
Cards. Playing.....	New York Consolidated Card Company.	53,131	May 29	122	1708
Cards. Playing.....	New York Consolidated Card Company.	53,406	June 5	122	2048
Cards. Playing.....	New York Consolidated Card Company.	53,426	June 5	122	2049
Cards. Playing.....	New York Consolidated Card Company.	53,427	June 5	122	2049
Cards. Playing.....	United States Playing Card Co...	53,435	June 5	122	2049
Cards. Playing.....	A. Gabarró y Castelló.....	53,437	June 5	122	2049
Cards. Playing.....	New York Consolidated Card Company.	53,442	June 5	122	2050
Cards. Playing.....	New York Consolidated Card Company.	54,451	June 26	122	2996
Cards. Playing.....	New York Consolidated Card Company.	54,452	June 26	122	2996
Cards. Playing.....	New York Consolidated Card Company.	54,623	June 26	122	3002
Cards. Playing.....	United States Playing Card Co...	54,800	July 31	123	1657
Cards. Playing.....	United States Playing Card Co...	54,801	July 31	123	1658
Cards. Playing.....	United States Playing Card Co...	55,012	Aug. 7	123	1979
Cards. Playing.....	United States Playing Card Co...	55,013	Aug. 7	123	1979
Cards. Playing.....	United States Playing Card Co...	55,100	Aug. 7	123	1982
Cards. Playing.....	United States Playing Card Co...	55,166	Aug. 7	123	1984
Cards. Playing.....	New York Consolidated Card Company.	55,508	Aug. 14	123	2305
Cards. Playing.....	New York Consolidated Card Company.	55,509	Aug. 14	123	2305
Cards. Playing.....	United States Playing Card Co...	55,516	Aug. 14	123	2305
Cards. Playing.....	United States Playing Card Co...	55,517	Aug. 14	123	2305
Cards. Playing.....	United States Playing Card Co...	55,518	Aug. 14	123	2306

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cards. Playing.....	United States Playing Card Co.....	55,519	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,520	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,521	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,522	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,523	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,524	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,525	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,552	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,553	Aug. 14	123	2306
Cards. Playing.....	United States Playing Card Co.....	55,554	Aug. 14	123	2306
Cards. Playing.....	Standard Playing Card Manu- facturing Co.....	56,360	Sept. 18	124	901
Cards. Playing.....	Home Game Company.....	56,571	Oct. 9	124	1837
Cards. Playing.....	United States Playing Card Co.....	56,633	Oct. 9	124	1839
Cards. Playing.....	United States Playing Card Co.....	56,992	Oct. 30	124	2896
Cards. Playing.....	New York Consolidated Card Company.....	57,104	Nov. 6	125	341
Cards. Playing.....	New York Consolidated Card Company.....	57,105	Nov. 6	125	341
Cards. Playing.....	New York Consolidated Card Company.....	57,150	Nov. 6	125	342
Cards. Playing.....	New York Consolidated Card Company.....	57,169	Nov. 6	125	343
Cards. Playing.....	New York Consolidated Card Company.....	57,170	Nov. 6	125	343
Cards. Playing.....	United States Playing Card Co.....	58,288	Dec. 11	125	2040
Cards. Playing.....	United States Playing Card Co.....	58,289	Dec. 11	125	2040
Cards. Playing.....	United States Playing Card Co.....	58,290	Dec. 11	125	2040
Cards. Playing.....	United States Playing Card Co.....	58,291	Dec. 11	125	2040
Cards. Playing.....	J. J. Hayden & Co.....	58,307	Dec. 11	125	2041
Cards. Playing.....	United States Playing Card Co.....	58,380	Dec. 11	125	2042
Cards. Playing.....	United States Playing Card Co.....	58,381	Dec. 11	125	2042
Cards. Playing.....	United States Playing Card Co.....	58,382	Dec. 11	125	2042
Cards. Playing.....	United States Playing Card Co.....	58,383	Dec. 11	125	2042
Cards. Playing.....	United States Playing Card Co.....	58,384	Dec. 11	125	2042
Cards. Playing.....	United States Playing Card Co.....	58,572	Dec. 18	125	2356
Cards. Playing.....	United States Playing Card Co.....	58,601	Dec. 18	125	2357
Cards. Souvenir post.....	Blanchard, Young & Co.....	55,367	Aug. 14	123	2302
Carpet-sweepers.....	Streator Metal Stamping Co.....	52,309	May 8	122	715
Carpet-sweepers.....	American Winger Company.....	53,413	June 5	122	2048
Carpet-sweepers.....	National Sweeper Company.....	58,526	Dec. 18	125	2355
Carpet-sweepers.....	National Sweeper Company.....	58,527	Dec. 18	125	2355
Carpet-sweepers.....	National Sweeper Company.....	58,528	Dec. 18	125	2355
Carpet-sweepers.....	National Sweeper Company.....	58,529	Dec. 18	125	2355
Carpet-warps.....	J. E. Reynolds.....	52,373	May 8	122	717
Carpet-warps.....	J. E. Reynolds & Co.....	53,358	May 29	122	1717
Carpets.....	Morris and Company.....	51,085	Apr. 3	121	1669
Carpets.....	R. Carson & Son.....	58,739	Dec. 25	125	2752
Carpets and rugs.....	John Gay's Sons.....	58,980	Dec. 25	125	2759
Carpets and rugs. Woven.....	Bigelow Carpet Company.....	51,117	Apr. 3	121	1670
Carpets and rugs. Woven.....	Bigelow Carpet Company.....	52,673	May 15	122	1035
Carpets. Tapestry Brussels and tapestry velvet.....	Roxbury Carpet Company.....	51,621	Apr. 17	121	2321
Carriages.....	H. H. Babcock Company.....	50,811	Apr. 3	121	1657
Carriages and wagons.....	I. S. Remson Mfg. Co.....	54,711	June 26	122	3006
Carriages and wagons.....	Moline Wagon Company.....	55,547	Aug. 14	123	2306
Carriages, buggies, wagons, and carts.....	Studebaker Brothers Manufac- turing Company.....	49,351	Jan. 30	120	1474
Carriages, wagons, and carts.....	Studebaker Brothers Manufac- turing Company.....	49,979	Feb. 27	120	2747
Cartons for lamp-chimneys and globes.....	Macbeth-Evans Glass Com- pany.....	53,518	June 5	122	2053
Cartridge-shells.....	Union Metallic Cartridge Com- pany.....	56,024	Aug. 21	123	2622
Cartridges.....	Winchester Repeating Arms Co.....	49,175	Jan. 23	120	1161
Cartridges.....	Eley Brothers.....	49,434	Feb. 6	120	1815
Cartridges.....	Union Metallic Cartridge Com- pany.....	49,615	Feb. 13	120	2117
Cartridges.....	Winchester Repeating Arms Co.....	51,717	Apr. 24	121	2650
Cartridges.....	Union Metallic Cartridge Com- pany.....	59,008	Dec. 25	125	2760
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,606	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,607	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,610	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,614	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,620	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,621	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,622	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,623	Feb. 13	120	2117
Cartridges and cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,624	Feb. 13	120	2117
Cartridges and metal and paper cartridge-shells.....	Union Metallic Cartridge Com- pany.....	49,611	Feb. 13	120	2117
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.....	49,500	Feb. 6	120	1818
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.....	49,612	Feb. 13	120	2117
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.....	49,613	Feb. 13	120	2117

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.	49,616	Feb. 13	120	2117
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.	49,617	Feb. 13	120	2117
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.	49,618	Feb. 13	120	2117
Cartridges and parts thereof. Gun and pistol.....	Union Metallic Cartridge Com- pany.	49,619	Feb. 13	120	2117
Cash and autographic registers.....	National Cash Register Co.....	53,129	May 29	122	1708
Caskets, coffins, and fixtures therefor.....	National Casket Co.....	49,162	Jan. 23	120	1161
Cassimeres.....	James Irving & Son.....	54,335	June 26	122	2391
Castings and forgings. Iron and steel.....	McConway & Torley Co.....	50,628	Mar. 27	121	1337
Catamenial bandages.....	Borated Specialty Company.....	48,810	Jan. 16	120	892
Catamenial bandages.....	Borated Specialty Company.....	50,831	Apr. 3	121	1658
Catamenial sacks.....	E. Harris.....	58,922	Dec. 25	125	2757
Catarrh cure.....	F. J. Cheney.....	49,145	Jan. 23	120	1160
Catchup.....	Curtice Brothers Company.....	55,170	Aug. 7	123	1984
Catchup.....	Curtice Brothers Company.....	55,813	Aug. 21	123	2616
Catchup.....	Joseph Campbell Company.....	57,712	Nov. 27	125	1341
Catchup. Tabasco and tomato.....	Joseph Campbell Company.....	50,239	Mar. 6	121	332
Catchup. Tomato.....	Donahue Brothers.....	55,814	Aug. 21	123	2617
Catheters and bougies.....	Johnson & Johnson.....	49,283	Jan. 30	120	1471
Catheters, stomach-tubes, and bougies.....	Johnson & Johnson.....	54,309	June 26	122	2990
Catsup, relish, and chili sauce. Tomato.....	E. Pritchard.....	54,628	June 26	122	3003
Catsup. Tomato.....	Wm. Henning Co.....	54,908	July 31	123	1660
Cattle.....	H. Yates.....	56,266	Sept. 4	124	314
Cattle fever cure.....	Rosenburg Bros. & Booth.....	58,842	Dec. 25	125	2755
Cavity-linings.....	S. S. White Dental Mfg. Co.....	53,361	May 29	122	1718
Cedar shavings or chips chemically prepared.....	A. G. Jones.....	56,453	Sept. 25	124	1202
Cement.....	Eclipse Cement & Blacking Co.....	48,475	Jan. 2	120	316
Cement. Artificial Portland and hydraulic.....	S. S. White Dental Mfg. Co.....	49,083	Jan. 23	120	1158
Cement. Belt.....	Round Top Cement Company.....	50,387	Mar. 13	121	683
Cement. Channel.....	New York Leather Belting Co.....	51,246	Apr. 10	121	1969
Cement composition.....	C. L. Hawthaway & Sons.....	49,633	Feb. 13	120	2118
Cement for building purposes, gypsum, and lime.....	T. F. Odell.....	58,836	Dec. 25	125	2759
Cement for mending purposes. Adhesive.....	Liebold & Co.....	51,683	Apr. 24	121	2649
Cement. Hydraulic.....	U. S. Chemical Rubber Co.....	55,863	Aug. 21	123	2618
Cement. Hydraulic.....	Utica Cement Mfg. Co.....	52,892	May 22	122	1385
Cement. Hydraulic.....	Utica Hydraulic Cement Co.....	53,368	May 29	122	1718
Cement. Hydraulic.....	Utica Hydraulic Cement Co.....	54,487	June 26	122	2997
Cement. Leather.....	C. L. Hawthaway & Sons.....	49,632	Feb. 13	120	2118
Cement. Leather and rubber.....	Eclipse Cement & Blacking Co.....	51,419	Apr. 17	121	2313
Cement, lime, and plaster. Natural-rock or hydraulic.....	Newark Lime & Cement Mfg. Co.....	48,644	Jan. 9	120	648
Cement. Natural and artificial Portland and hydraulic.....	Round Top Cement Company.....	51,502	Apr. 17	121	2316
Cement-plaster.....	J. B. King & Co.....	54,517	June 26	122	2998
Cement plaster, and tiles and bricks made therefrom.....	Chrysotil Granite Co.....	57,884	Dec. 4	125	1685
Cement. Portland.....	German-American Portland Ce- ment Works.	49,015	Jan. 23	120	1155
Cement. Portland.....	Dexter Portland Cement Com- pany.	49,029	Jan. 23	120	1155
Cement. Portland.....	Lehigh Portland Cement Co.....	49,238	Jan. 30	120	1469
Cement. Portland.....	Helderberg Cement Co.....	49,886	Feb. 20	120	2436
Cement. Portland.....	A. Clarke.....	50,090	Mar. 6	121	326
Cement. Portland.....	Glens Falls Portland Cement Co.	50,862	Apr. 3	121	1659
Cement. Portland.....	Kansas Portland Cement Co.....	50,877	Apr. 3	121	1660
Cement. Portland.....	Glens Falls Portland Cement Co.	51,235	Apr. 10	121	1969
Cement. Portland.....	W. H. Meserole.....	51,996	May 1	122	338
Cement. Portland.....	Edison Portland Cement Com- pany.	53,657	June 12	122	2375
Cement. Portland.....	Western States Portland Cement Company.	54,089	June 19	122	2680
Cement. Portland.....	Thomas Millen Co.....	54,437	June 26	122	2995
Cement. Portland.....	Pacific Portland Cement Co.....	54,476	June 26	122	2997
Cement. Portland.....	Vulcanite Portland Cement Co.....	54,537	June 26	122	2999
Cement. Portland.....	Whitehall Portland Cement Co.....	54,538	June 26	122	2999
Cement. Portland.....	L. C. Johnson & Co.....	54,785	July 31	123	1657
Cement. Portland.....	A. Clarke.....	56,131	Aug. 28	123	2969
Cement. Portland.....	Western Portland Cement Co.....	57,238	Nov. 6	125	345
Cement. Portland.....	Western States Portland Ce- ment Company.	57,724	Nov. 27	125	1341
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,470	Jan. 2	120	316
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,614	Jan. 9	120	647
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,615	Jan. 9	120	647
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,616	Jan. 9	120	647
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,647	Jan. 9	120	648
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,648	Jan. 9	120	648
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	48,774	Jan. 16	120	891
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	57,206	Nov. 6	125	344
Cement. Portland, natural-rock, and improved.....	American Cement Company.....	57,240	Nov. 6	125	345
Cement. Rubber.....	Montgomery Bros.....	52,430	May 8	122	720
Cement. Rubber.....	Montgomery Bros.....	52,431	May 8	122	720
Cement. Rubber.....	Montgomery Bros.....	52,445	May 8	122	720
Cement. Rubber.....	Montgomery Bros.....	52,446	May 8	122	720
Cement. Rubber.....	Montgomery Bros.....	52,447	May 8	122	720
Cement. Rubber.....	Montgomery Bros.....	52,448	May 8	122	720
Centrifugal separators.....	De Laval Separator Company.....	58,943	Dec. 25	125	2758
Cerate. Toilet.....	G. Graham.....	58,828	Dec. 25	125	2755
Cereal paste goods.....	John B. Canepa Company.....	50,396	Mar. 13	121	683
Cereals pressed into a wafer. Preparation of uncooked.....	F. F. Potter.....	55,831	Aug. 21	123	2617
Ceresin.....	Ernst Schliehmann's Export Cere- sin Fabrik Gesellschaft m. b. Haftung.	54,658	June 26	122	3004
Chain and chain-links.....	Standard Chain Co.....	57,767	Nov. 27	125	1342
Chain and chain-links.....	Standard Chain Company.....	58,223	Dec. 11	125	2038

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Chain repair-links.....	Diamond Chain & Manufacturing Co.	54,703	June 26	122	3006
Chains.....	Diamond Chain and Manufacturing Company.	49,093	Jan. 23	120	1158
Chains and bracelets. Plated.....	O. M. Draper.....	56,012	Aug. 21	123	2622
Chains and parts thereof and attachments therefor. Ornamental.....	O. M. Draper.....	56,042	Aug. 21	123	2623
Chains, fobs, chatelaines, and chain-trimmings.....	C. R. Harris.....	50,130	Mar. 6	121	327
Chains. Gold.....	Ziruth-Kaiser Company.....	58,005	Dec. 4	125	1692
Chains, necklaces, and fobs.....	Krementz & Co.....	55,027	Aug. 7	123	1980
Chains. Ornamental watch and neck.....	O. M. Draper.....	54,355	June 26	122	2992
Chairs.....	Sheboygan Chair Company.....	53,813	June 12	122	2381
Chairs.....	Standard Manufacturing Company.	58,354	Dec. 11	125	2042
Chairs and rockers. Double-caned.....	Delaware Chair Co.....	50,626	Mar. 27	121	1337
Chairs, settees, tables, and stools. Rustic.....	Old Hickory Chair Co.....	51,685	Apr. 24	121	2649
Champagne.....	Ginter Grocery Company.....	49,737	Feb. 13	120	2122
Champagne.....	R. H. Jones.....	50,820	Apr. 3	121	1657
Champagne.....	T. Martindale & Co.....	51,214	Apr. 10	121	1968
Champagne.....	Empire State Wine Co.....	55,678	Aug. 21	123	2613
Champagne.....	Blondeau, Berque & Co.....	55,803	Aug. 21	123	2616
Champagne.....	A. Lunschloss.....	56,645	Oct. 16	124	2171
Champagne.....	Acker, Merrill & Condit Company.	56,858	Oct. 23	124	2528
Champagne.....	Blondeau, Berque & Co.....	57,325	Nov. 13	125	654
Champagne.....	Germania Wine Cellars.....	58,341	Dec. 11	125	2041
Champagne.....	F. U. Swarts.....	58,571	Dec. 18	125	2356
Champagne and still-wine.....	F. Korbel & Bros.....	50,095	Mar. 6	121	326
Champagne. Ginger.....	Manitou Mineral Springs Company.	53,662	June 12	122	2375
Champagne. Ginger.....	Manitou Mineral Springs Company.	53,664	June 12	122	2375
Champagne or sparkling wine.....	American Wine Co.....	52,766	May 15	122	1039
Charcoal.....	B. S. Feiner.....	50,782	Mar. 27	121	1343
Charcoal.....	L. S. Brown Charcoal Company.....	53,225	May 29	122	1712
Check-protectors.....	C. P. Nutter.....	54,878	July 31	123	1660
Checks. Bank.....	Levey Bros. & Co.....	48,824	Jan. 16	120	893
Checks or slips and checkers' sheets.....	Hotel Security Checking Company.	54,829	July 31	123	1658
Checker-boards.....	J. & P. B. Myers.....	58,686	Dec. 25	125	2751
Cheese.....	Phenix Cheese Co.....	50,286	Mar. 6	121	334
Cheese.....	Popper, Gray & Co.....	52,890	May 22	122	1385
Cheese.....	A. F. MacLaren Imperial Cheese Co.	56,704	Oct. 16	124	2172
Cheese.....	Popper, Gray & Co.....	56,831	Oct. 23	124	2527
Cheese.....	Phenix Cheese Co.....	58,597	Dec. 18	125	2357
Cheese.....	Popper, Gray & Co.....	58,660	Dec. 18	125	2359
Cheese. Cream.....	W. A. Lawrence & Son.....	57,094	Nov. 6	125	341
Cheese-cutters. Computing.....	Anderson Computing Scale Company.	53,537	June 5	122	2054
Cheese, especially cream-cheese.....	A. F. MacLaren Imperial Cheese Co.	52,563	May 15	122	1031
Cheese. Neufchâtel.....	W. A. Lawrence & Son.....	50,619	Mar. 27	121	1336
Chemical coating.....	Toch Brothers.....	51,335	Apr. 10	121	1973
Chemical composition. Certain.....	H. E. Percival.....	57,517	Nov. 13	125	660
Chemical compound.....	Roessler & Hasslacher Chemical Co.	58,693	Dec. 25	125	2751
Chemical compound. Certain named.....	Barrett-White Company.....	52,435	May 8	122	720
Chemical compound for certain named purposes.....	G. W. Royce.....	56,345	Sept. 11	124	620
Chemical compounds.....	Bird-Archer Company.....	50,995	Apr. 3	121	1665
Chemical compounds. Certain.....	Joseph Williams Co.....	58,759	Dec. 25	125	2753
Chemical compounds for softening water.....	Porcela Co.....	58,709	Dec. 25	125	2752
Chemical. Crystalline soluble.....	J. M. Keil.....	49,206	Jan. 30	120	1468
Chemical engines, fire-extinguishing apparatus, and hand-grenades.....	American-La France Fire Engine Co.	56,709	Oct. 16	124	2173
Chemical finishing compound.....	R. Bernheim.....	49,512	Feb. 6	120	1818
Chemical finishing compound.....	R. Bernheim.....	57,493	Nov. 13	125	659
Chemical fire-extinguishing apparatus and engines.....	American-La France Fire Engine Co.	56,710	Oct. 16	124	2173
Chemical preparation.....	McKesson & Robbins.....	50,983	Apr. 3	121	1664
Chemical preparation. Certain named.....	National Coal Tar Company.....	54,048	June 19	122	2679
Chemical preparation. Certain named.....	C. L. Howe.....	54,108	June 19	122	2681
Chemical preparation to clear rain-water.....	Crates & Bowen.....	55,811	Aug. 21	123	2616
Chemical preparations.....	La-Lo Manufacturing Company.....	54,672	June 26	122	3005
Chemical preparations. Certain named.....	McKesson & Robbins.....	52,729	May 15	122	1038
Chemical solution.....	P. Kerrin.....	53,635	June 5	122	2058
Chemicals. Certain named.....	Brunner, Mond & Co.....	54,612	June 26	122	3002
Chemicals. Certain named.....	Brunner, Mond & Co.....	56,887	Oct. 23	124	2529
Chemicals for reducing, discharging, and bleaching purposes.....	Badische Anilin- & Soda-Fabrik.....	57,052	Oct. 30	124	2897
Chemicals for the ceramic arts.....	Roessler & Hasslacher Chemical Co.	48,770	Jan. 9	120	653
Cheroots.....	Threefoot Bros. & Co.....	53,963	June 19	122	2675
Chests, boxes, and cabinets.....	I. N. Deitsch.....	51,828	Apr. 24	121	2655
Chevrots. Haircloth.....	Eddystone Manufacturing Company.	50,764	Mar. 27	121	1342
Chili sauce, tabasco sauce, and salad-dressing.....	Joseph Campbell Company.....	50,240	Mar. 6	121	332
Chimneys, lantern-globes, and reflectors. Glass.....	Gill Brothers Company.....	54,845	July 31	123	1659
China, stoneware, earthenware, &c.....	Villeroy & Boch.....	57,552	Nov. 13	125	661
Chisels and gouges.....	Simmons Hardware Company.....	53,686	June 12	122	2376
Chisels and punches.....	Whitman & Barnes Manufacturing Company.	54,730	June 26	122	3007
Chisels, cold-chisels, and gouges.....	Hibbard, Spencer, Bartlett & Company.	57,411	Nov. 13	125	657
Chisels, drawing-knives, planes, saws, and augers.....	Jennings & Griffin Manufacturing Co.	57,784	Nov. 27	125	1343
Chlorid of lime.....	Leggett & Brother.....	49,210	Jan. 30	120	1468

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Chlorids and formaldehyde. Compounds of.....	Shoemaker & Busch.....	54,631	June 26	122	3003
Chocolate.....	Knickerbocker Chocolate Com- pany.....	49,157	Jan. 23	120	1160
Chocolate.....	Runkel Brothers.....	51,044	May 1	122	340
Chocolate.....	Société Générale Suisse de Choco- lats.....	52,937	May 22	122	1387
Chocolate.....	Société Générale Suisse de Choco- lats.....	52,938	May 22	122	1387
Chocolate.....	Soc. An. Des Fabriques Bernoises & Zuricoises De Chocolat Lindt & De Chocolat Sprüngli.....	57,613	Nov. 13	125	662
Chocolate and candy of all kinds. Sweetened.....	M. S. Hershey.....	52,397	May 8	122	718
Chocolate and candy of all kinds. Sweetened.....	M. S. Hershey.....	52,398	May 8	122	718
Chocolate and candy of all kinds. Sweetened.....	M. S. Hershey.....	52,399	May 8	122	718
Chocolate and cocoa.....	H. J. Damon.....	48,919	Jan. 16	120	886
Chocolate and cocoa.....	Francis H. Leggett & Company.....	48,923	Jan. 16	120	886
Chocolate and cocoa.....	Knickerbocker Chocolate Com- pany.....	49,343	Jan. 30	120	1473
Chocolate and cocoa.....	Knickerbocker Chocolate Com- pany.....	49,714	Feb. 13	120	2121
Chocolate and cocoa.....	Kasseler Hafer-Kakao-Fabrik Häusen & Co., Actien-Gesell- schaft.....	56,498	Oct. 2	124	1517
Chocolate and cocoa.....	Pennsylvania Chocolate Com- pany.....	58,899	Dec. 25	125	2757
Chocolate and cocoa. Pulverized or powdered.....	F. Bischoff.....	56,865	Oct. 23	124	2528
Chocolate and cocoa. Unsweetened.....	F. Bischoff.....	55,366	Aug. 14	123	2302
Chocolate and cocoa preparations. Certain named.....	Aktien-Gesellschaft Vereinigte Bern & Zürcher Chocolate- Fabriken Lindt & Sprüngli.....	51,382	Apr. 17	121	2311
Chocolate and preparations thereof.....	Arbuckle Bros.....	52,054	May 1	122	341
Chocolate chips.....	Taylor Bros. Co.....	56,117	Aug. 28	123	2969
Chocolate chips.....	Taylor Bros. Co.....	57,237	Nov. 6	125	345
Chocolate, chocolate candies, and preparations of chocolate and cocoas.....	Russ-Suchard & Cie.....	54,527	June 26	122	2999
Chocolate, cocoa, and chocolate preparations.....	M. S. Hershey.....	54,497	June 26	122	2998
Chocolate, cocoa, and preparations thereof.....	M. S. Hershey.....	54,044	June 19	122	2678
Chocolate, cocoa, and sweet chocolate.....	W. H. Baker.....	51,012	Apr. 3	121	1665
Chocolate creams.....	C. Gousset.....	49,709	Feb. 13	120	2121
Chocolate creams and candy.....	Joseph B. Funke Company.....	58,591	Dec. 18	125	2357
Chocolate creams and chocolate-coated candy.....	Voegelé & Dinning Co.....	55,411	Aug. 14	123	2303
Chocolate creams, caramels, and candies.....	Blue Ribbon Candy Company of Baltimore City.....	53,716	June 12	122	2377
Chocolate drops.....	New England Confectionery Co.....	49,294	Jan. 30	120	1471
Chocolates.....	Van Emden Cocoa Co.....	49,115	Jan. 23	120	1159
Chocolates.....	Van Emden Cocoa Co.....	49,363	Jan. 30	120	1474
Chocolates.....	W. L. Gansert.....	50,413	Mar. 13	121	684
Chocolates.....	Phelps Company.....	50,669	Mar. 27	121	1338
Chocolates.....	Griggs, Cooper and Company.....	50,902	Apr. 3	121	1661
Chocolates.....	Shupe-Williams Candy Co.....	51,692	Apr. 24	121	2649
Chocolates.....	Gunter Grocery Co.....	57,705	Nov. 27	125	1340
Chocolates and bonbons.....	R. L. Perry Co.....	48,511	Jan. 2	120	317
Chocolates and bonbons.....	R. L. Perry Co.....	50,287	Mar. 6	121	334
Chocolates and bonbons.....	R. L. Perry Co.....	50,689	Mar. 27	121	1339
Chocolates and bonbons.....	R. L. Perry Co.....	53,357	May 29	122	1717
Chocolates and bonbons.....	Wiley Manufacturing Company.....	54,956	Aug. 7	123	1978
Chocolates and bonbons.....	Sparrow Company.....	55,464	Aug. 14	123	2304
Chocolates and bonbons. Various kinds of.....	H. Heide.....	54,039	June 19	122	2678
Chocolates and cocoas.....	Russ-Suchard & Cie.....	54,480	June 26	122	2997
Chocolates and other bonbons.....	Walter M. Lowney Company.....	54,028	June 19	122	2678
Chocolates, bonbons, and marshmallows.....	W. W. De Bevoise.....	58,162	Dec. 11	125	2037
Chocolates, bonbons, and similar candies.....	Russell & Co.....	50,908	Apr. 3	121	1661
Chocolates, sweet chocolate, and candy.....	H. Maillard.....	58,133	Dec. 4	125	1695
Chucks.....	E. Horton & Son Company.....	57,409	Nov. 13	125	657
Cider.....	Barrett & Barrett.....	53,333	May 29	122	1716
Cider. Bottled.....	S. S. Pierce Co.....	48,528	Jan. 2	120	318
Cigar-clippings.....	C. H. Lawrence.....	55,157	Aug. 7	123	1983
Cigars.....	Balsa Hermanos.....	48,617	Jan. 9	120	647
Cigars.....	J. Weinreich.....	48,673	Jan. 9	120	649
Cigars.....	Havana Commercial Company.....	48,788	Jan. 16	120	891
Cigars.....	H. T. Offerdinger.....	48,803	Jan. 16	120	892
Cigars.....	S. S. Pierce Co.....	48,830	Jan. 16	120	893
Cigars.....	Abraham & Straus.....	49,267	Jan. 20	120	1470
Cigars.....	S. S. Pierce Co.....	49,391	Feb. 6	120	1814
Cigars.....	S. S. Pierce Co.....	49,392	Feb. 6	120	1814
Cigars.....	Sanchez & Haya Co.....	49,728	Feb. 13	120	2121
Cigars.....	R. & W. Jenkinson Co.....	50,016	Feb. 27	120	2748
Cigars.....	E. H. Gato Cigar Company.....	50,068	Mar. 6	121	325
Cigars.....	P. E. Watson.....	50,086	Mar. 6	121	326
Cigars.....	W. Boucher.....	50,088	Mar. 6	121	326
Cigars.....	E. H. Gato Cigar Company.....	50,093	Mar. 6	121	326
Cigars.....	J. Weinreich.....	50,119	Mar. 6	121	327
Cigars.....	Banner Cigar M'fg. Co.....	50,395	Mar. 13	121	683
Cigars.....	Cuesta, Rey & Co.....	50,409	Mar. 13	121	684
Cigars.....	A. Siegel.....	50,449	Mar. 20	121	1003
Cigars.....	H. T. Offerdinger.....	50,657	Mar. 27	121	1338
Cigars.....	S. S. Pierce Co.....	50,693	Mar. 27	121	1339
Cigars.....	C. B. Perkins.....	50,884	Apr. 3	121	1660
Cigars.....	C. B. Perkins.....	50,886	Apr. 3	121	1660
Cigars.....	E. H. Gato Cigar Company.....	51,225	Apr. 10	121	1968
Cigars.....	A. Santaella & Co.....	51,391	Apr. 17	121	2312
Cigars.....	A. Santaella & Co.....	51,392	Apr. 17	121	2312
Cigars.....	A. Santaella & Co.....	51,393	Apr. 17	121	2312
Cigars.....	L. F. Bissell.....	51,394	Apr. 17	121	2312
Cigars.....	Deisel-Wemmer Co.....	51,417	Apr. 17	121	2313
Cigars.....	T. J. Kerins.....	51,422	Apr. 17	121	2313

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cigars	A. Straus	51,457	Apr. 17	121	2314
Cigars	Rodriguez, Arguelles & Company	51,691	Apr. 24	121	2649
Cigars	Lopez y Cia	51,699	Apr. 24	121	2650
Cigars	Lopez y Cia	51,700	Apr. 24	121	2650
Cigars	Rodriguez, Arguelles & Company	51,714	Apr. 24	121	2650
Cigars	Sanchez & Haya Co.	51,733	Apr. 24	121	2651
Cigars	Electric Cigar Company	51,965	May 1	122	337
Cigars	Sanchez & Haya Co.	52,002	May 1	122	339
Cigars	J. Weinreich	52,283	May 8	122	714
Cigars	J. Weinreich	52,311	May 8	122	715
Cigars	American Cigar Company	52,314	May 8	122	715
Cigars	C. B. Perkins	52,400	May 8	122	718
Cigars	P. Weinreich	52,921	May 22	122	1386
Cigars	L. P. Bissell	53,303	May 29	122	1715
Cigars	Henry Tobias and Company	53,311	May 29	122	1715
Cigars	G. W. Kelly	53,319	May 29	122	1716
Cigars	Duncan & Moorhead	53,337	May 29	122	1717
Cigars	Ciuentes, Fernandez y Ca	53,480	June 5	122	2051
Cigars	J. Weinreich	53,671	June 12	122	2375
Cigars	Williams & Brenckle Cigar Manufacturing Co.	53,966	June 19	122	2676
Cigars	J. G. Hansen	54,104	June 19	122	2681
Cigars	C. B. Perkins	54,478	June 26	122	2997
Cigars	C. B. Perkins	54,479	June 26	122	2997
Cigars	S. Spiegel	54,483	June 26	122	2997
Cigars	Carreras Limited	54,507	June 26	122	2998
Cigars	L. K. Pope	54,794	July 31	123	1657
Cigars	Compañia General de Tabacos de Filipinas.	55,371	Aug. 14	123	2302
Cigars	Compañia General de Tabacos de Filipinas.	55,447	Aug. 14	123	2304
Cigars	Reymer & Brothers	55,550	Aug. 14	123	2306
Cigars	Compañia General de Tabacos de Filipinas.	55,560	Aug. 14	123	2307
Cigars	E. Edmonston	55,561	Aug. 14	123	2307
Cigars	Tracy & Avery Company	56,106	Aug. 21	123	2624
Cigars	Stratford Tobacco Company	56,361	Sept. 18	124	901
Cigars	Duncan & Moorhead	56,410	Sept. 25	124	1201
Cigars	H. Nitzsche	56,542	Oct. 2	124	1518
Cigars	H. C. Stone	56,544	Oct. 2	124	1518
Cigars	Deisel-Wemmer Co.	56,556	Oct. 9	124	1837
Cigars	H. Nitzsche	56,793	Oct. 16	124	2175
Cigars	J. Weinreich	56,804	Oct. 16	124	2175
Cigars	E. Abe	56,810	Oct. 23	124	2527
Cigars	P. N. Jacobsen, Jr.	56,998	Oct. 30	124	2896
Cigars	F. P. Lewis	57,098	Nov. 6	125	341
Cigars	Heinemann Bros.	57,113	Nov. 6	125	341
Cigars	Fehsenfeld Cigar Company	57,196	Nov. 6	125	344
Cigars	Cuesta, Rey & Co.	57,584	Nov. 13	125	661
Cigars	Bethesda Cigar Co.	57,776	Nov. 27	125	1342
Cigars	W. K. Gresh & Sons	57,889	Dec. 4	125	1689
Cigars	J. F. Wilcox & Company	57,953	Dec. 4	125	1691
Cigars	J. F. Wilcox & Company	58,177	Dec. 11	125	2037
Cigars	S. S. Pierce Co.	58,233	Dec. 11	125	2039
Cigars	B. Suarez	58,455	Dec. 18	125	2353
Cigars	J. Weinreich	58,508	Dec. 18	125	2355
Cigars	A. Fader	58,520	Dec. 18	125	2355
Cigars	J. J. Conway Tobacco Company	58,525	Dec. 18	125	2355
Cigars	W. B. Wheeler	58,532	Dec. 18	125	2355
Cigars	J. H. Stiles	58,777	Dec. 25	125	2754
Cigars and cheroots	D. H. Levy	49,662	Feb. 13	120	2119
Cigars and cheroots	S. Lichtenstein Co.	49,677	Feb. 13	120	2119
Cigars and cheroots	O. Eisenlohr & Bros.	50,874	Apr. 3	121	1659
Cigars and cheroots	E. Seidenberg, Stiefel & Co.	55,893	Aug. 21	123	2619
Cigars and cheroots	A. A. Kohary	57,093	Nov. 6	125	341
Cigars and stogies	S. S. Smith	53,498	June 5	122	2052
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	48,651	Jan. 9	120	648
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	50,678	Mar. 27	121	1339
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	50,850	Apr. 3	121	1658
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	52,528	May 8	122	724
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	52,529	May 8	122	724
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	52,714	May 15	122	1037
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Co.	52,902	May 22	122	1386
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	54,508	June 26	122	2998
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	54,544	June 26	122	3000
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	57,494	Nov. 13	125	659
Cigars, cheroots, and cigarettes made of cigar-tobacco	Cayey-Caguas Tobacco Company	57,495	Nov. 13	125	659
Cigars, cheroots, and little cigars	Vicente Portuondo Cigar Manufacturing Company	58,507	Dec. 18	125	2355
Cigars, cheroots, and stogies	Wisconsin Cigar Co.	50,707	Mar. 27	121	1340
Cigars, cheroots, and stogies	Vicente Portuondo Cigar Manufacturing Company	55,469	Aug. 14	123	2304
Cigars, cheroots, stogies, and tobacco for making same	H. P. Strause	52,003	May 1	122	339
Cigars, cigarettes, and smoking-tobacco	G. S. Mahn	58,446	Dec. 18	125	2353
Cigars, cigarettes, and smoking-tobacco	G. S. Mahn	58,447	Dec. 18	125	2353
Cigars. Clear Havana	J. W. Gebhart	56,210	Sept. 4	124	313
Cigars. Havana	Havana Commercial Company	49,375	Feb. 6	120	1813
Cigars. Havana	Rothenburg & Schloss	50,887	Apr. 3	121	1660
Cigars. Havana	Havana Commercial Company	51,237	Apr. 10	121	1969
Cigars. Havana	Havana Commercial Company	51,291	Apr. 10	121	1971
Cigars. Havana	Havana Commercial Company	52,696	May 15	122	1036
Cigars. Havana	Havana Commercial Company	53,485	June 5	122	2051
Cigars. Havana	Havana Commercial Company	53,486	June 5	122	2051
Cigars. Havana	Havana Commercial Company	53,978	June 19	122	2676
Cigars. Havana	Havana Commercial Company	54,088	June 19	122	2680

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cigars. Havana.....	Havana Commercial Company.....	54,496	June 26	122	2998
Cigars. Havana.....	Havana Commercial Company.....	54,826	July 31	123	1658
Cigars. Havana.....	J. S. Murias y Ca.....	54,920	Aug. 7	123	1977
Cigars. Havana.....	Havana Commercial Company.....	54,937	Aug. 7	123	1977
Cigars. Havana.....	H. De Canabas y Carbajal.....	55,153	Aug. 7	123	1983
Cigars. Havana.....	Havana Commercial Company.....	55,290	Aug. 14	123	2299
Cigars in boxes.....	G. W. Chase & Son Mercantile Co.....	55,453	Aug. 14	123	2304
Cigars. Little.....	Butler-Butler.....	52,057	May 1	122	341
Cigars. Little.....	Butler-Butler.....	52,060	May 1	122	341
Cigars, stogies, and cheroots.....	Independent Tobacco Manufacturers Promoting Company.....	53,344	May 29	122	1717
Cigars, stogies, tobacco cigarettes, and smoking-tobacco.....	R. Reimers.....	57,004	Oct. 30	124	2896
Cigarette-holders.....	A. Q. Walsh.....	50,894	Apr. 3	121	1660
Cigarette-paper.....	C. Schütz.....	51,199	Apr. 10	121	1968
Cigarette-paper in all forms.....	L. Kehlmann.....	52,913	May 22	122	1386
Cigarettes.....	H. P. Strause.....	48,485	Jan. 2	120	316
Cigarettes.....	Butler-Butler.....	50,870	Apr. 3	121	1659
Cigarettes.....	Miller, Du Brul & Peters Mfg. Co.....	50,893	Apr. 3	121	1660
Cigarettes.....	Butler-Butler.....	51,960	May 1	122	337
Cigarettes.....	Butler-Butler.....	51,961	May 1	122	337
Cigarettes.....	Butler-Butler.....	52,058	May 1	122	341
Cigarettes.....	Butler-Butler.....	52,059	May 1	122	341
Cigarettes.....	G. H. G. Wing.....	52,707	May 15	122	1037
Cigarettes.....	Teofani & Co.....	53,367	May 29	122	1718
Cigarettes.....	Butler-Butler.....	53,719	June 12	122	2377
Cigarettes.....	Butler-Butler.....	54,442	June 26	122	2995
Cigarettes.....	H. P. Strause.....	54,484	June 26	122	2997
Cigarettes.....	Butler-Butler.....	54,493	June 26	122	2997
Cigarettes.....	Butler-Butler.....	54,772	July 31	123	6571
Cigarettes.....	Butler-Butler.....	54,773	July 31	123	1657
Cigarettes.....	Butler-Butler.....	54,916	Aug. 7	123	1977
Cigarettes.....	Butler-Butler.....	58,180	Dec. 11	125	2037
Cigarettes.....	Maspero Freres.....	58,495	Dec. 18	125	2354
Cigarettes.....	V. Bey.....	58,673	Dec. 25	125	2751
Cigarettes and cigarette-tobacco.....	H. P. Strause.....	50,392	Mar. 13	121	683
Cigarettes and smoking-tobacco.....	Calixto Lopez & Co.....	58,516	Dec. 18	125	2355
Cigarettes and smoking-tobacco.....	Calixto Lopez & Co.....	58,517	Dec. 18	125	2355
Cigarettes and smoking-tobacco.....	Calixto Lopez & Co.....	58,518	Dec. 18	125	2355
Cigarettes and tobacco for cigarettes.....	Nestor Gianaclis Company.....	54,790	July 31	123	1657
Cigarettes and tobacco for cigarettes.....	Nestor Gianaclis Company.....	54,791	July 31	123	1657
Cigarettes, cigars, smoking and chewing tobacco.....	Maspero Freres.....	56,337	Sept. 11	124	620
Cinchona alkaloids. Derivatives of.....	Vereinigte Chininfabriken Zimmer & Co., Ges. mit beschränkter Haftung.....	54,088	June 19	122	2680
Cinchona alkaloids. Derivatives of.....	Vereinigte Chininfabriken Zimmer & Co., Ges. mit beschränkter Haftung.....	55,723	Aug. 21	123	2614
Circuit-controllers or switches.....	Albert and J. M. Anderson Manufacturing Company.....	52,653	May 15	122	1035
Circuits. Device for connecting branch and main.....	H. T. Paiste Co.....	52,909	May 22	122	1386
Clams, clam-juice, and clam-chowder.....	Burnham & Morrill Company.....	52,505	May 8	122	723
Clams. Minced.....	P. F. Halferty.....	58,829	Dec. 25	125	2755
Claret.....	S. Hochstadter.....	56,450	Sept. 25	124	1202
Claret in bottles.....	Compañia Vinicola del Norte de España.....	52,478	May 8	122	722
Clay pigeons.....	Chamberlin Cartridge and Target Co.....	56,888	Oct. 23	124	2529
Cleaning and disinfecting compound.....	Klen-So Pharmaceutical Company.....	49,207	Jan. 30	120	1468
Cleaning and polishing material.....	Matchless Metal Polish Co.....	57,565	Nov. 13	125	661
Cleaning and polishing metal, glass, marble, and the like. Material for.....	Matchless Metal Polish Co.....	56,814	Oct. 23	124	2527
Cleaning and polishing preparation.....	Matchless Metal Polish Co.....	56,617	Oct. 9	124	1838
Cleaning and polishing preparation.....	Marshall Chemical Company.....	57,245	Nov. 6	125	345
Cleaning and polishing preparations.....	Fritz Schulz Jun. Aktiengesellschaft.....	48,779	Jan. 16	120	891
Cleaning and polishing preparations.....	Fritz Schulz Jun. Aktiengesellschaft.....	48,817	Jan. 16	120	892
Cleaning and polishing preparations.....	Marshall Chem. Co.....	57,897	Dec. 4	125	1689
Cleaning and polishing preparations. Metal and glass.....	Electro-Silicon Co.....	49,035	Jan. 23	120	1156
Cleaning and renovating compounds.....	Columbia Refining Co.....	49,028	Jan. 23	120	1155
Cleaning compositions.....	Porcela Co.....	58,113	Dec. 4	125	1695
Cleaning compound.....	J. F. Whitman.....	48,812	Jan. 16	120	892
Cleaning compound.....	E. C. Davis.....	51,783	Apr. 24	121	2653
Cleaning compound.....	L. B. Lawler.....	56,999	Oct. 30	124	2896
Cleaning compounds.....	J. T. Stanley.....	57,901	Dec. 4	125	1689
Cleaning enameled and porcelain ware. Preparations for.....	W. C. McKinney.....	50,471	Mar. 20	121	1004
Cleaning enameled and porcelain ware. Preparations for.....	W. C. McKinney.....	51,447	Apr. 17	121	2314
Cleaning, polishing, and preserving preparations.....	Fritz Schulz Jun. Aktiengesellschaft.....	48,778	Jan. 16	120	891
Cleaning-powder.....	Lavaline Manufacturing Company.....	57,653	Nov. 27	125	1339
Cleaning precious metals. Powdered preparation for.....	J. B. Haldeman.....	50,465	Mar. 20	121	1004
Cleaning preparation.....	T. Joern.....	52,594	May 15	122	1033
Cleaning preparation.....	C. J. Leedy.....	57,427	Nov. 13	125	657
Cleaning preparations.....	India Alkali Works.....	49,968	Feb. 27	120	2746
Cleansing and scouring preparation.....	Palami Company.....	50,686	Mar. 27	121	1339
Cleansing or scouring compound.....	Enoch Morgan's Sons Company.....	49,646	Feb. 13	120	2118
Cleansing or scouring compound.....	Enoch Morgan's Sons Company.....	56,811	Oct. 23	124	2527
Clippers and sheep-shears. Horse.....	Chicago Flexible Shaft Company.....	56,156	Aug. 28	123	2970
Clippers and their parts. Hair and wool.....	American Shearer Manufacturing Co.....	55,032	Aug. 7	123	1980
Cloaks, dress-skirts, dress-waists, and tailor-made suits.....	Bedell Company.....	55,049	Aug. 7	123	1980
Clock-movements.....	Schlenker & Kienle.....	52,306	May 8	122	715
Clocks.....	Spaulding & Co.....	48,806	Jan. 16	120	892
Clocks.....	Ansonia Clock Company.....	49,494	Feb. 6	120	1818

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Clocks.....	Ansonia Clock Company.....	49,731	Feb. 13	120	2121
Clocks.....	Ansonia Clock Company.....	49,732	Feb. 13	120	2121
Clocks.....	Year Clock Company.....	52,749	May 15	122	1038
Clocks. Alarm.....	A. C. Beeken.....	49,027	Jan. 23	120	1155
Clocks. Alarm.....	Western Clock Mfg. Co.....	53,379	June 5	122	2047
Clocks. Alarm.....	Wm. L. Gilbert Clock Company.....	53,817	June 12	122	2381
Clocks and watches.....	Western Clock Mfg. Co.....	58,004	Dec. 4	125	1692
Clocks and watches.....	Western Clock Mfg. Co.....	51,854	Apr. 24	121	2656
Clocks and watches.....	Western Clock Mfg. Co.....	52,989	May 22	122	1389
Clocks and watches.....	Western Clock Manufacturing Company.....	55,865	Aug. 21	123	2618
Clocks and watches.....	Hibbard, Spencer, Bartlett & Company.....	56,686	Oct. 16	124	2172
Clocks, clock-cases, clock-movements, and parts thereof.....	Hamburg Amerikanische Uhrenfabrik.....	56,169	Aug. 28	123	2970
Closet-seat attachment.....	Specialties Sales Co.....	54,726	June 26	122	3007
Cloth and piece goods.....	M. Rosenbaum's Sons.....	57,949	Dec. 4	125	1691
Cloth. Blue-print.....	E. G. Soltmann.....	55,954	Aug. 21	123	2620
Cloth-cleaning preparation.....	C. Petersen.....	54,793	July 31	123	1657
Cloth-cutting machines.....	Union Cutter Company.....	56,025	Aug. 21	123	2622
Cloth. Hair.....	Gordon Brothers.....	56,041	Aug. 21	123	2623
Cloth having a polished finish.....	J. Milloy and Co.....	51,804	Apr. 24	121	2654
Cloths and stuffs of wool, worsted, or hair.....	Edward Ripley & Son.....	54,823	July 31	123	1658
Cloths and stuffs of wool, worsted, or hair.....	Bradford Dyers' Association.....	58,275	Dec. 11	125	2040
Cloths for ladies', men's, and children's wear.....	Griffon Company.....	49,074	Jan. 23	120	1157
Clothes-pins.....	J. H. McBride.....	50,417	Mar. 13	121	684
Clothes-pins.....	A. W. Dodge Clothespin Manufacturing Company.....	56,705	Oct. 16	124	2172
Clothes-pins.....	A. W. Dodge Clothespin Manufacturing Company.....	56,739	Oct. 16	124	2173
Clothes-stiffeners and corset-stays of spiral wire of all kinds.....	Herkuleswerke, Corsett- und Spiralfeder-Fabriken, G.M.B.H.....	56,508	Oct. 2	124	1517
Clothes-wringers.....	American Wringer Company.....	53,452	June 5	122	2050
Clothes-wringers.....	American Wringer Company.....	53,453	June 5	122	2050
Clothes-wringers.....	American Wringer Company.....	53,454	June 5	122	2050
Clothes-wringers.....	American Wringer Company.....	53,455	June 5	122	2050
Clothes-wringers.....	American Wringer Company.....	53,456	June 5	122	2050
Clothes-wringers.....	American Wringer Company.....	53,457	June 5	122	2050
Clothes-wringers.....	American Wringer Company.....	53,741	June 12	122	2378
Clothes-wringers and parts thereof.....	American Wringer Company.....	53,476	June 5	122	2051
Clothes-wringers and parts thereof.....	American Wringer Company.....	53,477	June 5	122	2051
Clothes-wringers and the parts composing the same.....	American Wringer Company.....	53,449	June 5	122	2050
Clothes-wringers and the parts composing the same.....	American Wringer Company.....	53,450	June 5	122	2050
Clothes-wringers and the parts composing the same.....	American Wringer Company.....	53,451	June 5	122	2050
Clothing. Certain named.....	Brown, Durrell & Co.....	54,999	Aug. 7	123	1979
Clothing. Certain named.....	Bedell Company.....	56,317	Sept. 11	124	619
Clothing. Certain named.....	Milliken, Cousens & Co.....	56,774	Oct. 16	124	2174
Clothing. Certain named.....	Isaac Schmeer's Son & Company.....	58,345	Dec. 11	125	2041
Clothing. Certain named.....	G. G. Benjamin.....	58,968	Dec. 25	125	2759
Clothing. Certain named.....	H. Black & Co.....	58,969	Dec. 25	125	2759
Clothing. Certain named.....	H. Black & Co.....	58,970	Dec. 25	125	2759
Clutches.....	T. B. Wood's Sons.....	50,845	Apr. 3	121	1658
Coal.....	Hull Coal & Coke Corporation.....	50,814	Apr. 3	121	1657
Coal.....	Merchants Coal Company.....	50,858	Apr. 3	121	1659
Coal.....	Equitable Coal & Coke Company.....	53,481	June 5	122	2051
Coal.....	A. K. McKee.....	53,954	June 19	122	2675
Coal.....	E. J. Cummings.....	54,509	June 26	122	2998
Coal.....	A. Y. Malcomson.....	54,640	June 26	122	3003
Coal.....	White Oak Coal Co.....	55,108	Aug. 7	123	1982
Coal.....	W. J. Hamilton Coal Co.....	55,471	Aug. 14	123	2304
Coal.....	W. J. Hamilton Coal Co.....	55,472	Aug. 14	123	2304
Coal.....	W. J. Hamilton Coal Co.....	55,473	Aug. 14	123	2304
Coal.....	Original Farmers Coal Company.....	55,548	Aug. 14	123	2306
Coal.....	United States Coal & Oil Company.....	55,864	Aug. 21	123	2618
Coal.....	Lehigh Coal & Navigation Company.....	56,244	Sept. 4	124	314
Coal.....	Otto Marmet Coal & Mining Company.....	56,547	Oct. 2	124	1518
Coal.....	St. Louis, Rocky Mountain & Pacific Company.....	56,797	Oct. 16	124	2175
Coal.....	Yarborough & Bellinger Co.....	58,849	Dec. 25	125	2755
Coal and coke.....	Hull Coal and Coke Corporation.....	52,072	May 1	122	341
Coal and coke.....	O. J. Stephens.....	57,081	Oct. 30	124	2898
Coal. Bituminous.....	War Eagle Fuel Company.....	50,567	Mar. 20	121	1008
Coal. Bituminous.....	Edwin F. Daniels & Co.....	58,439	Dec. 18	125	2353
Coal. Bituminous and anthracite.....	Economy Fuel Co.....	50,504	Mar. 20	121	1005
Coal. Bituminous and anthracite.....	Economy Fuel Co.....	50,505	Mar. 20	121	1005
Coal. Bituminous and semibituminous.....	H. Holverscheid & Company.....	57,890	Dec. 4	125	1689
Coal, coke, and charcoal.....	Ginn Company.....	49,309	Jan. 30	120	1472
Coal. Lignite.....	Consolidated Coal & Coke Company.....	56,786	Oct. 16	124	2175
Coal-tar preparations. Certain.....	National Coal Tar Co.....	57,515	Nov. 13	125	660
Coal-tar product. Synthetic.....	Mellier Drug Company.....	50,012	Feb. 27	120	2748
Coal used for welding and forging. Semibituminous.....	Lilly Coal Co.....	52,489	May 8	122	722
Coatings. Metal preservative.....	A. H. Stillwagon.....	53,670	June 12	122	2375
Coats and overcoats. Men's and boys'.....	Mayer, Scheuer, Offner & Co.....	49,054	Jan. 23	120	1156
Coats and trousers.....	J. Samuels & Bro.....	50,794	Mar. 27	121	1343
Coats and trousers. Men's.....	E. M. Goldsmith.....	52,570	May 15	122	1032
Coats, overcoats, pants, and vests.....	Oehm & Co.....	52,159	May 1	122	345
Coats, pants, and overalls.....	Syracuse Dry Goods Co.....	52,282	May 8	122	714
Coats, pants, and vests.....	Steeff, Strauss & Connor.....	58,992	Dec. 25	125	2759
Coats, pants, overalls, and blouses.....	Larned, Carter and Co.....	48,481	Jan. 2	120	316
Coats. Rain-proof.....	L. E. Hess.....	52,828	May 22	122	1383
Coats, trousers, and vests. Men's.....	J. Yeska.....	51,308	Apr. 10	121	1972
Coats, vests, and pantaloons. Boys'.....	Greenstein, Simon & Leerburger.....	54,900	July 31	123	1660

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Coats, vests, and pants.....	Oppenheimer, Seasingood, Guiterman & Co.	58,541	Dec. 18	125	2356
Coats, vests, and trousers.....	Jones Dry Goods Co.	51,614	Apr. 17	121	2320
Coats, vests, and trousers.....	Sykes & A. B. Kirschbaum & Co.	51,734	Apr. 24	121	2651
Coats, vests, and trousers.....	S. A. Hilpp & Company.....	55,537	Aug. 14	123	2306
Coats, vests, and trousers.....	Hertfelder Bros.	58,923	Dec. 25	125	2757
Coats, vests, overcoats, and trousers.....	Schwab Clothing Co.	54,237	June 26	122	2987
Coats, vests, pantaloons, overcoats, and men's and boys' suits.....	Perry & Co.	52,732	May 15	122	1038
Coats, vests, trousers, and overalls.....	O'Bryan Bros.	53,255	May 29	122	1713
Coats, vests, trousers, and overcoats.....	Goldsmith, Joseph, Feiss Co.	49,885	Feb. 20	120	2436
Coats, vests, trousers, and overcoats.....	C. C. Hauger	50,971	Apr. 3	121	1664
Coats, vests, trousers, and overcoats.....	M. Wile & Company.....	52,959	May 22	122	1388
Coats, vests, trousers, and overcoats.....	Brokaw Bros.	54,542	June 26	122	2999
Coats, vests, trousers, and overcoats.....	Strouse & Bros.	55,513	Aug. 14	123	2305
Coats, vests, trousers, and overcoats.....	Strouse & Bros.	55,514	Aug. 14	123	2305
Coats, vests, trousers, overalls, and jumpers.....	Miller Manufacturing Company.....	48,643	Jan. 9	120	648
Cocks. Right and left hand stop and waste.....	Landers, Frary and Clark.....	55,570	Aug. 14	123	2307
Cocks. Stop and waste.....	A. Y. McDonald & Morrison Manufacturing Company.....	50,601	Mar. 27	121	1336
Cocktails.....	Charles Jacquin et Cie.....	48,574	Jan. 2	120	320
Cocktails.....	S. Hochstadter.....	48,819	Jan. 16	120	892
Cocktails.....	George F. Hewett Co.	50,171	Mar. 6	121	329
Cocktails.....	S. C. Herbst Importing Co.	53,895	June 12	122	2384
Cocktails.....	C. Berry & Co.	53,911	June 12	122	2385
Cocktails.....	J. M. Cranston.....	58,337	Dec. 11	125	2041
Cocktails.....	Hannah & Hogg.....	58,342	Dec. 11	125	2041
Cocktails.....	Rheinstrom, Bettman, Johnson & Co.	58,352	Dec. 11	125	2042
Cocktails and punch.....	W. H. Jones and Co.	53,423	June 5	122	2049
Cocoa.....	Walter Baker & Company.....	49,926	Feb. 20	120	2438
Cocoa.....	C. J. Van Houten & Zoon.....	50,864	Apr. 3	121	1659
Cocoa.....	Runkel Brothers.....	52,043	May 1	122	340
Cocoa.....	Enders and Mechener.....	53,217	May 29	122	1712
Cocoa.....	C. J. Van Houten & Zoon.....	55,277	Aug. 14	123	2299
Cocoa.....	C. J. Van Houten & Zoon.....	58,545	Dec. 18	125	2356
Cocoa and chocolate.....	Hawley & Hoopes.....	54,008	June 19	122	2677
Cocoa and chocolate.....	Citizens' Wholesale Supply Company.....	58,169	Dec. 11	125	2037
Cocoa and chocolate.....	C. J. Van Houten & Zoon.....	58,546	Dec. 18	125	2356
Cocoa and chocolate. Preparations of.....	Chas. H. Phillips Chemical Co.	54,423	June 26	122	2994
Cocoa and chocolate products.....	F. Bischoff.....	52,123	May 1	122	343
Cocoa and preparations thereof.....	Arbuckle Bros.	52,053	May 1	122	341
Cocoa and preparations thereof.....	B. E. Enge.....	56,495	Oct. 2	124	1517
Cocoa, chocolate, broma, and cocoa preparations.....	Walter Baker & Company.....	55,841	Aug. 21	123	2617
Cocoa-oatmeal preparations.....	M. Michaelis & Sons.....	51,147	Apr. 3	121	1671
Cocoa products.....	Fabrique de Chocolat et de Produits Alimentaires de Villars.....	56,751	Oct. 16	124	2174
Cocoanut. Desiccated.....	Citizens' Wholesale Supply Co.	50,251	Mar. 6	121	332
Cocoanut-fat. Refined.....	T. M. Duché & Sons.....	55,202	Aug. 7	123	1984
Cocoanut. Prepared.....	Dunham Manufacturing Company.....	53,460	June 5	122	2050
Cocoanut. Shredded.....	Franklin Baker Company.....	58,605	Dec. 18	125	2357
Cocoanut. Shredded.....	Franklin Baker Company.....	58,640	Dec. 18	125	2358
Codfish. Shredded.....	J. W. Beardsley's Sons.....	55,755	Aug. 21	123	2615
Coffee.....	Meyer Brothers Coffee and Spice Company.....	48,932	Jan. 16	120	897
Coffee.....	Brownell & Field Company.....	48,977	Jan. 16	120	898
Coffee.....	Meyer Brothers Coffee and Spice Company.....	49,001	Jan. 16	120	899
Coffee.....	Meyer Brothers Coffee and Spice Company.....	49,002	Jan. 16	120	899
Coffee.....	G. B. Farrington Co.	49,062	Jan. 23	120	1157
Coffee.....	Crescent Manufacturing Co.	49,068	Jan. 23	120	1157
Coffee.....	G. B. Farrington Company.....	49,082	Jan. 23	120	1157
Coffee.....	G. J. Keller.....	49,660	Feb. 13	120	2119
Coffee.....	Porto Rico Co.	49,674	Feb. 13	120	2119
Coffee.....	Levering Coffee Co.	50,048	Feb. 27	120	2749
Coffee.....	Stewart Brothers Company.....	50,057	Feb. 27	120	2750
Coffee.....	Hulman & Co.	50,236	Mar. 6	121	332
Coffee.....	Independence Coffee and Spice Co.	50,299	Mar. 6	121	334
Coffee.....	Arbuckle Bros.	50,439	Mar. 20	121	1003
Coffee.....	New Orleans Coffee Co.	50,446	Mar. 20	121	1003
Coffee.....	Arbuckle Bros.	50,455	Mar. 20	121	1003
Coffee.....	A. Schilling & Company.....	50,477	Mar. 20	121	1004
Coffee.....	A. Schilling & Company.....	50,624	Mar. 27	121	1337
Coffee.....	Consumers Supply Company.....	51,018	Apr. 3	121	1666
Coffee.....	H. G. Tomblor Grocery Co.	51,109	Apr. 3	121	1670
Coffee.....	Ridenour-Baker Grocery Company.....	51,155	Apr. 3	121	1671
Coffee.....	Schwabacher Bros. & Co.	51,332	Apr. 10	121	1973
Coffee.....	H. A. Carney.....	51,461	Apr. 17	121	2314
Coffee.....	Hills Bros.	51,468	Apr. 17	121	2315
Coffee.....	O. W. Peirce Company.....	51,477	Apr. 17	121	2315
Coffee.....	Clark, Coggin and Johnson Company.....	51,779	Apr. 24	121	2653
Coffee.....	C. S. Morey Mercantile Company.....	52,130	May 1	122	344
Coffee.....	Meyer Brothers Coffee and Spice Company.....	52,209	May 1	122	347
Coffee.....	Weideman Co.	52,562	May 15	122	1031
Coffee.....	Sprague, Warner & Company.....	52,739	May 15	122	1038
Coffee.....	Dolan Mercantile Co.	54,200	June 19	122	2685
Coffee.....	W. E. Sibley.....	54,391	June 26	122	2993
Coffee.....	Sprague, Warner & Company.....	54,392	June 26	122	2993
Coffee.....	Chase & Sanborn.....	54,403	June 26	122	2993

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Coffee.....	Merchants Coffee Company of New Orleans.....	54,520	June 26	122	2999
Coffee.....	Browning & Baines.....	54,889	July 31	123	1660
Coffee.....	G. B. Farrington Company.....	54,895	July 31	123	1660
Coffee.....	G. B. Farrington Company.....	54,896	July 31	123	1660
Coffee.....	G. B. Farrington Company.....	54,897	July 31	123	1660
Coffee.....	G. B. Farrington Company.....	54,898	July 31	123	1660
Coffee.....	G. B. Farrington Company.....	54,899	July 31	123	1660
Coffee.....	F. P. Garrettson & Co.....	55,178	Aug. 7	123	1984
Coffee.....	Sprague, Warner & Company.....	55,622	Aug. 21	123	2612
Coffee.....	Woolson Spice Co.....	55,627	Aug. 21	123	2612
Coffee.....	J. K. Bowen.....	55,659	Aug. 21	123	2613
Coffee.....	Querbacker Gilmore Co.....	55,703	Aug. 21	123	2614
Coffee.....	Nave-McCord Mercantile Company.....	56,074	Aug. 21	123	2623
Coffee.....	Nave-McCord Mercantile Company.....	56,075	Aug. 21	123	2623
Coffee.....	New York Coffee Company.....	56,076	Aug. 21	123	2623
Coffee.....	Woolson Spice Co.....	56,101	Aug. 21	123	2624
Coffee.....	Westside Roasting and Milling Company.....	56,182	Aug. 28	123	2971
Coffee.....	B. E. Enge.....	56,225	Sept. 4	124	313
Coffee.....	Chase & Sanborn.....	56,296	Sept. 4	124	315
Coffee.....	S. S. Pierce Co.....	56,467	Sept. 25	124	1202
Coffee.....	S. S. Pierce Co.....	56,627	Oct. 9	124	1839
Coffee.....	J. M. Price.....	57,128	Nov. 6	125	342
Coffee.....	N. L. Burchell.....	57,579	Nov. 13	125	661
Coffee.....	W. M. Swindler.....	57,664	Nov. 27	125	1339
Coffee.....	G. B. Farrington Company.....	58,130	Dec. 4	125	1695
Coffee.....	Consumers' Coffee Co., of N. O.....	58,139	Dec. 4	125	1695
Coffee.....	Consumers' Coffee Co., of N. O.....	58,141	Dec. 4	125	1696
Coffee.....	P. R. Rincónes.....	58,154	Dec. 4	125	1696
Coffee.....	Smith, Thorndike & Brown Co.....	58,204	Dec. 11	125	2038
Coffee.....	A. Schilling & Company.....	58,614	Dec. 18	125	2357
Coffee and spice mills.....	Landers, Frary and Clark.....	56,847	Oct. 23	124	2528
Coffee and tea.....	Humphrey Coffee & Tea Co.....	57,594	Nov. 13	125	662
Coffee-berry.....	Milliken, Tomlinson Co.....	49,346	Jan. 30	120	1473
Coffee-berry, either whole or ground.....	Milliken, Tomlinson Co.....	50,473	Mar. 20	121	1004
Coffee blend with other ingredients.....	S. S. Pierce Co.....	55,219	Aug. 7	123	1985
Coffee, Cereal.....	Whitman Grocery Company.....	50,405	Mar. 13	121	684
Coffee, Cereal.....	Buffalo Pure Food Company.....	51,315	Apr. 10	121	1972
Coffee, Cereal.....	Sleepy Eye Milling Company.....	56,262	Sept. 4	124	314
Coffee cereal substitute.....	Decatur Cereal Coffee Works.....	54,892	July 31	123	1660
Coffee, Cereal substitute for.....	Decatur Cereal Coffee Works.....	53,459	June 5	122	2050
Coffee, Cereal substitute for.....	Decatur Cereal Coffee Works.....	54,917	Aug. 7	123	1977
Coffee extract.....	Cafolin Co.....	54,159	June 19	122	2683
Coffee extracts.....	Smith & Wheeler.....	53,795	June 12	122	2380
Coffee-grinders.....	National Specialty Manufacturing Company.....	50,474	Mar. 20	121	1004
Coffee in cans, &c. Roasted.....	Importers Coffee Company.....	52,663	May 15	122	1035
Coffee in the bean.....	F. H. Beimes.....	55,920	Aug. 21	123	2619
Coffee in the bean.....	F. H. Beimes.....	57,695	Nov. 27	125	1340
Coffee-mills.....	Sun Manufacturing Company.....	51,624	Apr. 17	121	2321
Coffee-mills.....	Sun Manufacturing Company.....	51,625	Apr. 17	121	2321
Coffee-mills.....	Bronson-Walton Company.....	53,717	June 12	122	2377
Coffee preparation.....	Pfeiffer & Diller.....	49,668	Feb. 13	120	2119
Coffee, Roasted.....	Fort Smith Commission Company.....	50,464	Mar. 20	121	1004
Coffee, Roasted.....	Merchants Coffee Co.....	55,183	Aug. 7	123	1984
Coffee, Roasted.....	Louisiana Molasses Co.....	57,599	Nov. 13	125	662
Coffee, Roasted.....	Consumers' Coffee Co., of N. O.....	58,140	Dec. 4	125	1695
Coffee, Roasted.....	Consumers' Coffee Co., of N. O.....	58,636	Dec. 18	125	2358
Coffee, Roasted and ground.....	New Orleans Coffee Co.....	49,057	Jan. 23	120	1157
Coffee, Roasted and ground.....	New Orleans Coffee Co.....	53,130	May 29	122	1708
Coffee, Roasted and ground.....	Enterprise Coffee Company of Baltimore City.....	55,603	Aug. 21	123	2611
Coffee, Roasted and roasted and ground.....	Enterprise Coffee Company of Baltimore City.....	54,547	June 26	122	3000
Coffee, Roasted and roasted and ground.....	Enterprise Coffee Company of Baltimore City.....	55,203	Aug. 7	123	1984
Coffee substitute.....	T. D. Floto.....	55,815	Aug. 21	123	2617
Coffee substitute.....	Dr. Shoop Family Medicine Co.....	56,825	Oct. 23	124	2527
Coffee substitutes.....	M. T. Lefebvre.....	49,906	Feb. 20	120	2437
Coffee substitutes.....	American Holo Co.....	57,689	Nov. 27	125	1340
Coffee with other ingredients. Blend of.....	S. S. Pierce Co.....	58,135	Dec. 4	125	1695
Coffee with other ingredients. Blend of.....	S. S. Pierce Co.....	58,155	Dec. 4	125	1696
Coffees.....	C. H. Montanye.....	53,810	June 12	122	2381
Coffees and natural-leaf teas.....	Citizens' Wholesale Supply Co.....	58,852	Dec. 25	125	2756
Coffees, Roasted.....	Oklahoma Wholesale Grocer Co.....	52,730	May 15	122	1038
Cognac.....	S. Hochstadter.....	48,582	Jan. 2	120	320
Cognac.....	Hauselt & Lueschloss.....	56,642	Oct. 16	124	2171
Collarettes and chains.....	J. J. Sommer.....	54,181	June 19	122	2684
Collars.....	Earl & Wilson.....	52,132	May 1	122	344
Collars.....	Cluett Peabody & Co.....	54,225	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,226	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,227	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,228	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,229	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,230	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,231	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,232	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,233	June 26	122	2987
Collars.....	Cluett Peabody & Co.....	54,267	June 26	122	2988
Collars.....	Cluett Peabody & Co.....	54,268	June 26	122	2988
Collars.....	Cluett Peabody & Co.....	54,269	June 26	122	2988

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Collars.....	Cluett Peabody & Co.....	54,270	June 26	122	2988
Collars.....	Cluett Peabody & Co.....	54,271	June 26	122	2988
Collars.....	Cluett Peabody & Co.....	54,272	June 26	122	2983
Collars and cuffs.....	William Barker Compy.....	49,805	Feb. 20	120	2433
Collars and cuffs.....	William Barker Company.....	52,841	May 22	122	1383
Collars and cuffs. Waterproof.....	Celluloid Company.....	58,630	Dec. 18	125	2358
Collars and cuffs. Waterproof.....	Celluloid Company.....	58,631	Dec. 18	125	2358
Collars, collar-pads, and back-bands.....	Couch Brothers & J. J. Eagan Co.....	50,927	Apr. 3	121	1662
Collars, cuffs, and shirt-fronts.....	F. Peter's Nachfolger.....	54,923	Aug. 7	123	1977
Collars, cuffs, and shirt-fronts of certain named material.....	Celluloid Company.....	58,393	Dec. 11	125	2043
Collars, cuffs, and shirt-fronts. Waterproof.....	Celluloid Company.....	58,632	Dec. 18	125	2358
Collars, cuffs, shirt fronts and bosoms.....	Celluloid Company.....	58,633	Dec. 18	125	2358
Collars. Horse.....	Wyeth Hardware & Manufacturing Co.....	51,381	Apr. 17	121	2311
Collars. Linen.....	Schein & Lasday.....	55,991	Aug. 21	123	2621
Cologne.....	F. B. Shedd.....	51,539	Apr. 17	121	2317
Cologne. Eau-de.....	J. M. Farina.....	57,195	Nov. 6	125	344
Color-pastes.....	Joseph Burnett Co.....	53,316	May 29	122	1716
Colors and colored paints. Pigment.....	John T. Lewis & Bros. Co.....	51,399	Apr. 17	121	2312
Colors and colored paints. Pigment.....	John T. Lewis & Bros. Co.....	51,400	Apr. 17	121	2312
Colors and inks. Certain named.....	Jaenecke Printing Ink Co.....	53,488	June 5	122	2051
Colors. Artists' blue.....	Toch Brothers.....	53,501	June 5	122	2052
Colors. Artists' white.....	Toch Brothers.....	53,502	June 5	122	2052
Colors for printing and dyeing. Manufactured.....	American Dyewood Co.....	54,094	June 19	122	2681
Colors. Metallic water.....	Gerstendorfer Bros.....	52,441	May 8	122	720
Colors. Powder to fix fresco and lime.....	Les Produits Chimiques de Croissy.....	57,331	Nov. 13	125	655
Colors. Uniting agents for.....	F. Sichel Chemische Fabrik Limmer.....	51,505	Apr. 17	121	2316
Coloring-matter for mortar and bricks. Mineral.....	Chattanooga Paint Co.....	53,949	June 19	122	2675
Combs.....	Schrader & Ehlers.....	49,574	Feb. 13	120	2115
Combs.....	Schrader & Ehlers.....	50,990	Apr. 3	121	1664
Combs.....	Dr. Heinrich Traun & Söhne.....	51,671	Apr. 17	121	2322
Combs.....	Dr. Heinrich Traun & Söhne.....	51,672	Apr. 17	121	2323
Combs.....	Dr. H. Traun & Söhne.....	51,911	Apr. 24	121	2658
Combs.....	J. P. Noyes & Company.....	51,941	Apr. 24	121	2659
Combs.....	Dr. H. Traun & Söhne.....	52,192	May 1	122	346
Combs.....	Dr. H. Traun & Söhne.....	53,210	May 29	122	1711
Combs.....	Dr. H. Traun & Söhne.....	53,211	May 29	122	1711
Comforts.....	Chas. A. Maish Co.....	54,161	June 19	122	2683
Composition of matter.....	Lactoleum-Werke Ges. mit beschr. Hftg.....	55,544	Aug. 14	123	2306
Compound for curing blood and skin diseases.....	C. B. Knox.....	50,380	Mar. 13	121	683
Compound for the cure of rheumatism. Liquid vegetable.....	F. G. Bland.....	50,959	Apr. 3	121	1663
Compound for treating waste materials containing carbon to render them combustible.....	Coalite Company.....	52,439	May 8	122	720
Compound. Soluble.....	Chelf Chemical Co.....	55,973	Aug. 21	123	2621
Compounds for calming excited nerves and curing spasms.....	Tilden Company.....	56,901	Oct. 23	124	2529
Compounds for decorating walls and ceilings.....	H. B. Wiggin's Sons Company.....	56,806	Oct. 16	124	2175
Compounds for treatment of catarrhal diseases.....	I. B. Peirce.....	57,568	Nov. 13	125	661
Concertinas and accordions.....	Lyon & Healy.....	53,180	May 29	122	1710
Concrete-building-block-making machine.....	Cement Machinery Co.....	49,120	Jan. 23	120	1159
Concrete-building-block-making machine.....	Cement Machinery Co.....	49,121	Jan. 23	120	1159
Concrete-building-block-making machine.....	Cement Machinery Co.....	49,231	Jan. 30	120	1469
Concrete washtrays.....	Economy Manufacturing Co.....	49,071	Jan. 23	120	1157
Concrete washtrays.....	Economy Manufacturing Co.....	50,607	Mar. 27	121	1336
Condensers. Surface and jet.....	Wheeler Condenser & Engineering Co.....	54,316	June 26	122	2990
Condition-powders.....	F. G. Boynton.....	50,775	Mar. 27	121	1343
Confectionery.....	C. Poyet.....	49,373	Feb. 6	120	1813
Confectionery.....	C. Poyet.....	52,318	May 8	122	715
Confectionery. Certain named.....	C. Poyet.....	52,259	May 8	122	713
Confectionery. Chocolate.....	E. Greenfield's Son & Co.....	49,095	Jan. 23	120	1158
Confectionery. Chocolate.....	E. Greenfield's Son & Co.....	49,334	Jan. 30	120	1473
Confectionery. Popcorn.....	G. R. Van Nest.....	56,127	Aug. 28	123	2969
Confections and bonbons. Chocolate.....	H. D. Foss and Co.....	50,042	Feb. 27	120	2749
Confections. Solid chocolate.....	H. O. Wilbur & Sons.....	55,254	Aug. 7	123	1986
Consumption cure.....	P. M. Ford.....	51,169	Apr. 3	121	1672
Containers for oysters, clams, fish, and other sea foods.....	National Oyster Carrier Company.....	54,719	June 26	122	3007
Conveyers. Contractors' dumping.....	J. J. Harold.....	51,764	Apr. 24	121	2652
Conveying and hoisting machinery.....	Robins Conveying Belt Company.....	57,819	Nov. 27	125	1344
Cooking and household utensils. Enameled-steelware.....	M. Stransky.....	52,939	May 22	122	1387
Cooking utensils made of tinware.....	Lisk Manufacturing Co.....	55,333	Aug. 14	123	2301
Cooking vessels. Earthenware.....	J. W. McCoy Pottery Co.....	54,850	July 31	123	1659
Copper.....	Baltimore Copper Smelting & Rolling Co.....	52,751	May 15	122	1038
Copper household articles.....	Lisk Manufacturing Co.....	55,786	June 12	122	2380
Copper plates for engravers' use.....	H. A. Greene.....	55,562	Aug. 14	123	2307
Cord and twine. Wrapping.....	Hubbs & Corning Co.....	52,362	May 8	122	717
Cord. Braided.....	Whittier Mills.....	49,367	Jan. 30	120	1474
Cord. Braided.....	Whittier Mills.....	49,368	Jan. 30	120	1474
Cords, blades, tapes, and fabrics. Stiffening.....	Warren Featherbone Co.....	54,905	July 31	123	1660
Cords, blades, tapes, and fabrics. Stiffening.....	Warren Featherbone Co.....	54,906	July 31	123	1660
Cords, lines, twines, and ropes.....	Samson Cordage Works.....	50,827	Apr. 3	121	1658
Cords, lines, twines, and ropes.....	Samson Cordage Works.....	50,828	Apr. 3	121	1658
Cords, lines, twines, and ropes.....	Samson Cordage Works.....	51,774	Apr. 24	121	2653
Cords, lines, twines, and ropes.....	Samson Cordage Works.....	51,775	Apr. 24	121	2653
Cords, lines, twines, and ropes.....	Silver Lake Company.....	52,375	May 8	122	717
Cords, lines, twines, and ropes.....	Silver Lake Company.....	52,376	May 8	122	717
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédictine de l'Abbaye de Fécamp.....	53,260	May 29	122	1713
Cordial.....	Sidney Fairchild Company.....	53,410	June 5	122	2048

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp.	54,405	June 26	122	2994
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp.	54,406	June 26	122	2994
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp.	54,416	June 26	122	2994
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp.	54,417	June 26	122	2994
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp.	54,418	June 26	122	2994
Cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédicte de l'Abbaye de Fécamp.	55,719	Aug. 21	123	2614
Cordial.....	Charles Jacquinet et Cie.	56,513	Oct. 2	124	1517
Cordial. Blackberry.....	H. R. Myers.	54,756	June 26	122	3008
Cordial for blending whiskies.....	A. Reinert.	50,660	Mar. 27	121	1338
Cordials.....	W. F. Mitchell.	49,721	Feb. 13	120	2121
Cordials.....	Mariani & Co.	50,939	Apr. 3	121	1662
Cordials.....	S. Hochstadter.	51,239	Apr. 10	121	1969
Cordials.....	Colburn, Birks & Co.	51,578	Apr. 17	121	2319
Cordials.....	P. Dempsey & Co.	51,787	Apr. 24	121	2653
Cordials.....	Basilea & Calandra.	52,241	May 1	122	348
Cordials.....	Colburn, Birks & Co.	55,733	Aug. 21	123	2614
Cordials.....	A. Garnier.	57,214	Nov. 6	125	344
Cordials.....	H. F. Kaufman.	58,347	Dec. 11	125	2042
Cordials and brandies.....	E. G. Lyons and Raas Co.	58,786	Dec. 25	125	2754
Cork or corkwood.....	Gudewill & Bucknall.	54,777	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	54,778	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	54,779	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	54,780	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	54,781	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	54,782	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	54,783	July 31	123	1657
Cork or corkwood.....	Gudewill & Bucknall.	55,081	Aug. 7	123	1981
Cork or corkwood.....	Gudewill & Bucknall.	55,308	Aug. 14	123	2300
Cork or corkwood.....	Gudewill & Bucknall.	55,383	Aug. 14	123	2302
Corks.....	O. Heyman & Co.	52,069	May 1	122	341
Corks.....	J. Albert.	53,586	June 5	122	2056
Corks of all kinds. Bottle and prescription.	Armstrong Cork Company.	55,475	Aug. 14	123	2304
Corn, bunion, and wart cures.....	W. J. Oldenburg.	58,109	Dec. 4	125	1695
Corn cure.....	Elgin Chemical Co.	54,326	June 26	122	2990
Corn-huskers Adjustable.....	F. D. Kees Manufacturing Co.	54,755	June 26	122	3008
Corn in flake form. Product of.....	American Hominy Company.	51,114	Apr. 3	121	1670
Corn in flake form. Product of Indian.....	American Hominy Company.	51,009	Apr. 3	121	1665
Corn-starch.....	J. C. Hubinger Bros. Co.	49,904	Feb. 20	120	2437
Corn-starch.....	Warner Sugar Refining Company.	51,067	Apr. 3	121	1668
Corn-starch.....	A. E. Staley.	55,578	Aug. 14	123	2307
Corn-starch.....	A. E. Staley.	55,579	Aug. 14	123	2307
Corn-starch.....	Alden Speare's Sons Co.	58,536	Dec. 18	125	2355
Corn-starch.....	E. R. Durkee & Co.	58,945	Dec. 25	125	2758
Corn-starch or corn-flour.....	New York Glucose Co.	52,214	May 1	122	347
Cornmeal.....	Gulport Grocery Company.	50,444	Mar. 20	121	1003
Cornmeal.....	Threefoot Bros. & Co.	50,454	Mar. 20	121	1003
Cornmeal.....	T. P. Davie.	52,531	May 8	122	724
Cornmeal.....	Seneca Mill & Elevator Company.	55,942	Aug. 21	123	2620
Cornmeal and corn-chop.....	Pittman & Harrison Co.	53,790	June 12	122	2380
Cornmeal, both bolted and granulated.....	Diamond Elevator & Milling Company.	50,482	Mar. 20	121	1004
Cornets and trombones.....	A. J. Placht.	58,728	Dec. 25	125	2752
Corset bones or stays.....	J. Janowitz.	50,514	Mar. 20	121	1006
Corset-covers and corset-waists.....	C. A. Powell.	51,273	Apr. 10	121	1970
Corset-covers, ladies' pants and vests.....	Maline Mills Company.	50,998	Apr. 3	121	1665
Corset steels and clasps.....	Royal Worcester Corset Co.	50,341	Mar. 13	121	681
Corsets.....	Abraham & Straus.	48,973	Jan. 16	120	898
Corsets.....	A. R. Colton.	49,466	Feb. 6	120	1816
Corsets.....	Birdsey & Somers.	49,702	Feb. 13	120	2120
Corsets.....	Birdsey & Somers.	49,703	Feb. 13	120	2120
Corsets.....	Kabo Corset Company.	49,827	Feb. 20	120	2434
Corsets.....	Marshall Field & Company.	50,049	Feb. 27	120	2740
Corsets.....	Warner Bros. Co.	50,062	Feb. 27	120	2759
Corsets.....	Warner Bros. Co.	50,063	Feb. 27	120	2750
Corsets.....	Weingarten Bros.	50,064	Feb. 27	120	2750
Corsets.....	Kabo Corset Company.	50,176	Mar. 6	121	320
Corsets.....	Royal Worcester Corset Co.	50,187	Mar. 6	121	330
Corsets.....	Royal Worcester Corset Co.	50,188	Mar. 6	121	339
Corsets.....	Royal Worcester Corset Co.	50,337	Mar. 13	121	681
Corsets.....	Royal Worcester Corset Co.	50,338	Mar. 13	121	681
Corsets.....	Royal Worcester Corset Co.	50,339	Mar. 13	121	681
Corsets.....	Royal Worcester Corset Co.	50,340	Mar. 13	121	681
Corsets.....	Birdsey & Somers.	51,167	Apr. 3	121	1672
Corsets.....	Artists' Model Coat Co.	51,311	Apr. 10	121	1972
Corsets.....	John C. Lewis Co.	51,728	Apr. 24	121	2651
Corsets.....	Weingarten Bros.	51,851	Apr. 24	121	2656
Corsets.....	Birdsey Somers Co.	52,032	May 1	122	340
Corsets.....	Downer, Hawes and Company.	52,034	May 1	122	340
Corsets.....	Rosenbaum Company.	52,041	May 1	122	340
Corsets.....	Birdsey & Somers.	52,354	May 8	122	717
Corsets.....	Birdsey & Somers.	52,674	May 15	122	1035
Corsets.....	Birdsey & Somers.	52,675	May 15	122	1035
Corsets.....	Birdsey & Somers.	52,676	May 15	122	1036

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Corsets.....	Kops Bros.....	52,683	May 15	122	1036
Corsets.....	A. Ottenheimer.....	53,561	June 5	122	2054
Corsets.....	Fellheimer and Company.....	54,548	June 26	122	3000
Corsets.....	Kabo Corset Company.....	54,939	Aug. 7	123	1977
Corsets.....	Kops Bros.....	55,569	Aug. 14	123	2307
Corsets.....	G. Chandler.....	55,923	Aug. 21	123	2619
Corsets.....	Downer, Hawes and Company.....	56,638	Oct. 16	124	2171
Corsets.....	Corset H Company.....	57,408	Nov. 13	125	657
Corsets.....	Corset H Company.....	57,442	Nov. 13	125	658
Corsets.....	I. Samuels & Brother.....	58,587	Dec. 18	125	2357
Corsets and corset-waists.....	H & W Company.....	52,679	May 15	122	1036
Corsets and corset-waists.....	H. & W. Company.....	56,168	Aug. 28	123	2970
Corsets and corset-waists.....	Benjamin & Johnes.....	57,802	Nov. 27	125	1343
Corsets and petticoats.....	H. T. Sykes.....	56,837	Oct. 23	124	2527
Corsets, corset-waists, and corset-steels.....	Kops Bros.....	50,936	Apr. 3	121	1662
Corsets, corset-waists, dress-stays, &c.....	Coronet Corset Co.....	51,761	Apr. 24	121	2652
Corundum, garnet, and emery paper and cloth.....	Minnesota Mining & Manufacturing Co.....	56,397	Sept. 18	124	902
Cosmetic hair and skin tonics.....	G. V. G. Heberton.....	51,612	Apr. 17	121	2320
Cosmetics for tinting the finger-nails, lips, and cheeks.....	Dr. J. Parker Pray Company.....	56,749	Oct. 16	124	2174
Cotters. Spring.....	Whitman & Barnes Manufacturing Company.....	54,260	June 26	122	2988
Cotton and cotton-and-silk piece goods.....	Austin, Poor & Co.....	54,319	June 26	122	2990
Cotton-batting.....	W. Lowenthal.....	52,727	May 15	122	1038
Cotton-batting.....	W. Lowenthal.....	52,915	May 22	122	1386
Cotton cloth.....	Hewlett & Lee.....	50,721	Mar. 27	121	1340
Cotton cloth.....	Hewlett & Lee.....	50,722	Mar. 27	121	1340
Cotton cloth.....	Hewlett & Lee.....	50,723	Mar. 27	121	1340
Cotton-cloth buff-wheels.....	Williamsville Manufacturing Company.....	50,120	Mar. 6	121	327
Cotton cloth covered on one side with rubber. Mercerized.....	J. Bister.....	58,624	Dec. 18	125	2358
Cotton damask.....	Rosemary Manufacturing Company.....	50,186	Mar. 6	121	330
Cotton damask.....	Rosemary Manufacturing Company.....	52,685	May 15	122	1036
Cotton damask.....	Rosemary Manufacturing Company.....	52,962	May 22	122	1388
Cotton damask.....	Rosemary Manufacturing Company.....	54,211	June 19	122	2685
Cotton damask.....	Rosemary Manufacturing Company.....	56,147	Aug. 28	123	2970
Cotton damask.....	Rosemary Manufacturing Company.....	56,258	Sept. 4	124	314
Cotton damask.....	Rosemary Manufacturing Company.....	56,259	Sept. 4	124	314
Cotton damask.....	Rosemary Manufacturing Company.....	56,327	Sept. 11	124	619
Cotton damask.....	Rosemary Manufacturing Company.....	56,328	Sept. 11	124	619
Cotton drapery and upholstery goods. Dyed and printed.....	Eddystone Manufacturing Company.....	49,736	Feb. 13	120	2122
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	49,044	Jan. 23	120	1156
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	49,214	Jan. 30	120	1468
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	49,774	Feb. 13	120	2123
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	50,013	Feb. 27	120	2748
Cotton duck.....	Hogansville Manufacturing Company.....	50,174	Mar. 6	121	329
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	50,181	Mar. 6	121	329
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	50,182	Mar. 6	121	329
Cotton duck.....	Hogansville Manufacturing Company.....	50,546	Mar. 20	121	1007
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	51,173	Apr. 3	121	1672
Cotton duck.....	William E. Hooper & Sons Co. of Baltimore City.....	51,336	Apr. 10	121	1973
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	51,532	Apr. 17	121	2317
Cotton duck.....	Lowell Weaving Company.....	51,589	Apr. 17	121	2319
Cotton duck.....	Lowell Weaving Company.....	51,590	Apr. 17	121	2319
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	53,522	June 5	122	2053
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	53,638	June 5	122	2058
Cotton duck.....	William L. Barrell Co.....	55,144	Aug. 7	123	1983
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	55,640	Aug. 21	123	2612
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	56,398	Sept. 18	124	902
Cotton duck.....	Mount Vernon-Woodberry Cotton Duck Company.....	56,575	Oct. 9	124	1837
Cotton duck.....	Wellington, Sears & Co.....	56,979	Oct. 30	124	2895
Cotton duck.....	Wellington, Sears & Co.....	56,980	Oct. 30	124	2896
Cotton duck.....	J. Spencer Turner Company.....	58,589	Dec. 18	125	2357
Cotton duck. Printed.....	C. D. Newell.....	58,683	Dec. 25	125	2751
Cotton fabric having an old Irish-linen finish.....	Burton Bros. & Co.....	52,506	May 8	122	723
Cotton fabrics. Certain named.....	Meyer & Goetze.....	49,831	Feb. 20	120	2434
Cotton fabrics. Certain named.....	Joseph W. Woods and Son Corporation.....	53,863	June 12	122	2383
Cotton. Felted absorbent.....	Johnson & Johnson.....	52,956	May 22	122	1388
Cotton. Felted absorbent.....	Johnson & Johnson.....	52,957	May 22	122	1388

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cotton flannel.....	Pemberton Company.....	49,832	Feb. 20	120	2434
Cotton-ginning machinery.....	Continental Gin Company.....	57,377	Nov. 13	125	656
Cotton goods. Bleached.....	Fall River Bleachery.....	52,775	May 15	122	1040
Cotton goods, drills, and ducks. Khaki-dyed.....	J. H. Meyer.....	53,312	Dec. 11	125	2041
Cotton goods. Woven.....	Stark Mills.....	50,391	Mar. 13	121	683
Cotton on spools or reels. Sewing.....	Jas. Chadwick & Bror.....	56,927	Oct. 23	124	2530
Cotton piece goods.....	Massachusetts Cotton Mills.....	48,484	Jan. 2	120	316
Cotton piece goods.....	Massachusetts Cotton Mills.....	48,503	Jan. 2	120	317
Cotton piece goods.....	Massachusetts Cotton Mills.....	48,639	Jan. 9	120	648
Cotton piece goods.....	Reniew Manufacturing Com- pany.....	48,645	Jan. 9	120	648
Cotton piece goods.....	C. Whitman & Co.....	49,065	Jan. 23	120	1157
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,077	Jan. 23	120	1157
Cotton piece goods.....	M. I. Cooley.....	49,148	Jan. 23	120	1160
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,211	Jan. 30	120	1468
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,212	Jan. 30	120	1468
Cotton piece goods.....	Indian Head Mills of Alabama.....	49,236	Jan. 30	120	1469
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,288	Jan. 30	120	1471
Cotton piece goods.....	Tremont & Suffolk Mills.....	49,319	Jan. 30	120	1472
Cotton piece goods.....	Jackson Company.....	49,437	Feb. 6	120	1815
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,718	Feb. 13	120	2121
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,719	Feb. 13	120	2121
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,720	Feb. 13	120	2121
Cotton piece goods.....	Tremont & Suffolk Mills.....	49,750	Feb. 13	120	2122
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,773	Feb. 13	120	2123
Cotton piece goods.....	Massachusetts Cotton Mills.....	49,829	Feb. 20	120	2434
Cotton piece goods.....	Catlin & Co.....	50,169	Mar. 6	121	329
Cotton piece goods.....	Gilbert Manufacturing Company.....	50,544	Mar. 20	121	1007
Cotton piece goods.....	Eagle & Phenix Mills.....	50,716	Mar. 27	121	1340
Cotton piece goods.....	Massachusetts Cotton Mills.....	50,750	Mar. 27	121	1342
Cotton piece goods.....	Massachusetts Cotton Mills.....	50,751	Mar. 27	121	1342
Cotton piece goods.....	Clifton Manufacturing Co.....	50,924	Apr. 3	121	1662
Cotton piece goods.....	Eagle & Phenix Mills.....	51,129	Apr. 3	121	1670
Cotton piece goods.....	Eagle & Phenix Mills.....	51,168	Apr. 3	121	1672
Cotton piece goods.....	Tremont & Suffolk Mills.....	51,360	Apr. 10	121	1974
Cotton piece goods.....	Chiquola Manfg. Co.....	51,633	Apr. 17	121	2321
Cotton piece goods.....	Massachusetts Cotton Mills.....	51,684	Apr. 24	121	2649
Cotton piece goods.....	Tremont & Suffolk Mills.....	51,705	Apr. 24	121	2650
Cotton piece goods.....	Parkhill Mfg. Co.....	51,730	Apr. 24	121	2651
Cotton piece goods.....	Massachusetts Cotton Mills.....	51,867	Apr. 24	121	2656
Cotton piece goods.....	Massachusetts Cotton Mills.....	51,994	May 1	122	338
Cotton piece goods.....	I. Gelbrunk.....	52,093	May 1	122	342
Cotton piece goods.....	Massachusetts Cotton Mills.....	52,154	May 1	122	344
Cotton piece goods.....	Massachusetts Cotton Mills.....	52,271	May 8	122	713
Cotton piece goods.....	Massachusetts Cotton Mills.....	52,272	May 8	122	713
Cotton piece goods.....	Everett Mills.....	52,516	May 8	122	723
Cotton piece goods.....	Everett Mills.....	52,960	May 22	122	1388
Cotton piece goods.....	F. W. Poe Mfg. Co.....	53,170	May 29	122	1710
Cotton piece goods.....	Anderson Cotton Mills.....	53,538	June 5	122	2054
Cotton piece goods.....	F. W. Poe Mfg. Co.....	53,545	June 5	122	2054
Cotton piece goods.....	Ninety Six Cotton Mill.....	53,560	June 5	122	2054
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,637	June 5	122	2058
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,824	June 12	122	2381
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,825	June 12	122	2381
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,826	June 12	122	2381
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,831	June 12	122	2382
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,832	June 12	122	2382
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,833	June 12	122	2382
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,834	June 12	122	2382
Cotton piece goods.....	Tremont & Suffolk Mills.....	53,835	June 12	122	2382
Cotton piece goods.....	Tremont & Suffolk Mills.....	53,836	June 12	122	2382
Cotton piece goods.....	Tremont & Suffolk Mills.....	53,837	June 12	122	2382
Cotton piece goods.....	Massachusetts Cotton Mills.....	53,925	June 12	122	2385
Cotton piece goods.....	Tremont & Suffolk Mills.....	53,941	June 12	122	2386
Cotton piece goods.....	York Manufacturing Co.....	54,153	June 19	122	2683
Cotton piece goods.....	Indian Head Mills of Alabama.....	54,169	June 19	122	2683
Cotton piece goods.....	Tremont & Suffolk Mills.....	54,296	June 26	122	2989
Cotton piece goods.....	York Manufacturing Co.....	54,301	June 26	122	2989
Cotton piece goods.....	Massachusetts Cotton Mills.....	54,558	June 26	122	3000
Cotton piece goods.....	Massachusetts Cotton Mills.....	54,559	June 26	122	3000
Cotton piece goods.....	Floyd Cotton Mills.....	55,036	Aug. 7	123	1983
Cotton piece goods.....	Everett Mills.....	55,116	Aug. 7	123	1982
Cotton piece goods.....	Floyd Cotton Mills.....	55,128	Aug. 7	123	1983
Cotton piece goods.....	Everett Mills.....	55,150	Aug. 7	123	1983
Cotton piece goods.....	Tremont & Suffolk Mills.....	55,164	Aug. 7	123	1984
Cotton piece goods.....	Amory, Brown & Co.....	55,590	Aug. 21	123	2611
Cotton piece goods.....	Everett Mills.....	55,605	Aug. 21	123	2611
Cotton piece goods.....	J. & J. M. Worrall.....	55,610	Aug. 21	123	2611
Cotton piece goods.....	Massachusetts Cotton Mills.....	55,613	Aug. 21	123	2611
Cotton piece goods.....	Massachusetts Cotton Mills.....	55,614	Aug. 21	123	2611
Cotton piece goods.....	Massachusetts Cotton Mills.....	55,615	Aug. 21	123	2611
Cotton piece goods.....	Massachusetts Cotton Mills.....	55,616	Aug. 21	123	2611
Cotton piece goods.....	Tremont & Suffolk Mills.....	55,651	Aug. 21	123	2612
Cotton piece goods.....	Massachusetts Cotton Mills.....	55,763	Aug. 21	123	2615
Cotton piece goods.....	Massachusetts Cotton Mills.....	55,985	Aug. 21	123	2621
Cotton piece goods.....	Kunhardt & Co.....	56,322	Sept. 11	124	619
Cotton piece goods.....	Minot, Hooper & Co.....	56,618	Oct. 9	124	1838
Cotton piece goods.....	Minot Hooper & Co.....	57,079	Oct. 30	124	2898
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,774	Nov. 27	125	1342
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,825	Nov. 27	125	1344
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,826	Nov. 27	125	1344
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,827	Nov. 27	125	1344
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,828	Nov. 27	125	1344
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,829	Nov. 27	125	1344
Cotton piece goods.....	Arnhold, Karberg & Co.....	57,830	Nov. 27	125	1344
Cotton piece goods.....	Grendel Mills.....	58,555	Dec. 18	125	2356

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Cotton piece goods.	Grendel Mills.	58,886	Dec. 25	125	2756
Cotton piece goods.	Arnhold, Karberg & Co.	58,909	Dec. 25	125	2757
Cotton piece goods.	Arnhold, Karberg & Co.	58,910	Dec. 25	125	2757
Cotton piece goods.	Grendel Mills.	58,921	Dec. 25	125	2757
Cotton piece goods.	Saxon Mills.	58,927	Dec. 25	125	2751
Cotton piece goods.	G. Willis & Co.	58,935	Dec. 25	125	2758
Cotton piece goods and blankets	Neuss, Hesslein & Co.	56,324	Sept. 11	124	619
Cotton piece goods and blankets	Neuss, Hesslein & Co.	56,325	Sept. 11	124	619
Cotton piece goods and blankets	Neuss, Hesslein & Co.	56,399	Sept. 18	124	902
Cotton piece goods and blankets	Neuss, Hesslein & Co.	56,576	Oct. 9	124	1837
Cotton piece goods. Bleached.	Burton Bros. & Co.	56,637	Oct. 16	124	2171
Cotton piece goods. Bleached and half-bleached.	G. Willis & Co.	56,099	Aug. 21	123	2624
Cotton piece goods not figured or printed. Unbleached.	Busk & Jevons.	56,443	Sept. 25	124	1202
Cotton piece goods, sheetings, shirtings, and drills.	Suffern & Co.	52,047	May 1	122	340
Cotton piece goods. Unbleached.	Massachusetts Cotton Mills.	54,922	Aug. 7	123	1977
Cotton piece goods with a moiré finish.	Gilbert Manufacturing Company.	53,098	May 29	122	1707
Cotton piece goods. Woven.	J. S. Reeves & Co.	54,178	June 19	122	2684
Cotton plaids and stripes.	S. A. Crozer & Son.	48,653	Jan. 9	120	648
Cotton plaids and stripes.	Eagle & Phenix Mills.	51,023	Apr. 3	121	1666
Cotton plaids, checks, stripes, and chevots.	S. A. Crozer & Son.	51,679	Apr. 24	121	2649
Cotton. Prepared.	Ostermoor & Co.	51,687	Apr. 24	121	2649
Cotton satens.	Bradford Dyers' Association.	55,968	Aug. 21	123	2621
Cotton, sewing-cotton, and thread. Spool.	American Thread Company.	56,742	Oct. 16	124	2173
Cotton sheetings.	H. Norden.	56,326	Sept. 11	124	619
Cotton sheetings and drills.	Augusta Factory.	49,880	Feb. 20	120	2436
Cotton. Spool.	John J. Clark & Co.	48,622	Jan. 9	120	648
Cotton, worsted, and mixed cotton and wool piece goods.	York Manufacturing Co.	53,838	June 12	122	2382
Cough cure.	Kickapoo Indian Medicine Co.	50,565	Mar. 20	121	1008
Cough cure.	F. L. Gray.	54,598	June 26	122	3002
Cough-drops.	A. D. Work.	49,116	Jan. 23	120	1157
Cough-drops.	Davies, Rose & Co.	50,571	Mar. 20	121	1008
Cough-drops.	W. W. Smith.	50,947	Apr. 3	121	1663
Cough-drops.	Robert F. Mackenzie Co.	53,646	June 5	122	2058
Cough mixture.	Cough Checker Manufacturing Co.	52,511	May 8	122	723
Cough-syrup.	Foster Milburn Co.	48,522	Jan. 2	120	319
Counter-shafts and appurtenances thereto.	Mossberg Wrench Company.	48,959	Jan. 16	120	898
Counter-shafts and appurtenances thereto.	Mossberg Wrench Company.	50,835	Apr. 3	121	1658
Court-plaster. Liquid.	Carpenter Chemical Co.	50,777	Mar. 27	121	1343
Court-plaster substitute.	Douglas Manufacturing Company.	55,673	Aug. 21	123	2613
Court-plasters. Liquid substitute for.	Douglas Manufacturing Company	50,252	Mar. 6	121	332
Covert cloths, venetians, broadcloths, and chevots.	A. Berel.	50,774	Mar. 27	121	1343
Cowhide. Oak-tanned.	Kullman, Salz & Company.	48,821	Jan. 16	120	893
Cracker-meal.	Griggs, Cooper & Company.	51,133	Apr. 3	121	1671
Crackers.	Chatland & Lenhart.	52,530	May 8	122	724
Crackers.	Century Biscuit Company.	55,806	Aug. 21	123	2616
Crackers.	Chatland & Lenhart.	56,365	Sept. 18	124	901
Crackers.	Hygienic Health Food Co.	57,595	Nov. 13	125	662
Crackers and biscuits.	Green Green & Co.	51,028	Apr. 3	121	1666
Crackers and biscuits.	G. H. Timmerman.	55,839	Aug. 21	123	2617
Crackers and biscuits.	C. D. Boss & Son.	56,346	Sept. 18	124	901
Crackers and biscuits.	C. D. Boss & Son.	56,347	Sept. 18	124	901
Crackers and biscuits.	C. D. Boss & Son.	57,577	Nov. 13	125	661
Crackers and biscuits.	L. Sailand.	58,542	Dec. 18	125	2356
Crackers, cakes, and bread.	Austin Young & Co.	51,312	Apr. 10	121	1972
Cranberries.	J. J. White.	50,493	Mar. 20	121	1005
Crash. Linen.	Stevens Linen Works.	49,833	Feb. 10	120	2434
Crayons.	American Crayon Co.	52,898	May 22	122	1386
Crayons.	American Crayon Co.	52,899	May 22	122	1386
Crayons. Checking, school, and marking.	J. M. Hoyt.	53,422	June 5	122	2049
Crayons. School and artists'.	American Crayon Co.	56,940	Oct. 23	124	2530
Crayons. School and artists'.	American Crayon Co.	57,823	Nov. 27	125	1344
Crayons. School and artists'.	American Crayon Co.	57,824	Nov. 27	125	1344
Cream. Cold.	Fischer Chemical Importing Co.	52,136	May 1	122	344
Cream. Cold.	Clawson Company.	54,970	Aug. 7	123	1978
Cream. Cold.	R. Hudnut's Pharmacy.	56,854	Oct. 23	124	2528
Cream. Cold.	E. Haverly.	58,753	Dec. 25	125	2753
Cream. Face.	Sanitol Chemical Laboratory Co.	56,051	Aug. 21	123	2623
Cream. Facial.	Halderman & Michael.	52,141	May 1	122	344
Cream for the complexion and wrinkle-lotion.	Artesia Cream Company.	48,862	Jan. 26	120	894
Cream for the skin.	Mme. Toussaud Mfg. Co.	48,771	Jan. 9	120	653
Cream for the skin.	Pond's Extract Company.	51,089	Apr. 3	121	1669
Cream for the skin.	Pond's Extract Company.	52,108	May 1	122	343
Cream, milk, butter, and cheese.	H. Lacy.	57,652	Nov. 27	125	1339
Cream of tartar.	Royal Baking Powder Company.	54,120	June 19	122	2682
Cream or salve for the skin and complexion.	R. A. Rowinski.	54,984	Aug. 7	123	1979
Cream-separators.	De Laval Separator Company.	52,995	May 22	122	1389
Cream-separators.	De Laval Separator Company.	52,996	May 22	122	1389
Cream-separators.	De Laval Separator Company.	56,271	Sept. 4	124	314
Cream-separators.	De Laval Separator Company.	56,918	Oct. 23	124	2530
Cream-separators. Centrifugal.	American Separator Co.	50,438	Mar. 20	121	1003
Cream-separators. Centrifugal.	International Harvester Company of America.	54,515	June 26	122	2998
Cream-separators. Centrifugal.	Vermont Farm Machine Co.	54,882	July 31	123	1660
Cream-separators. Centrifugal.	International Harvester Company of America.	58,219	Dec. 11	125	2038
Cream-separators. Centrifugal.	International Harvester Company of America.	58,524	Dec. 18	125	2355
Cream-separators of all kinds.	De Laval Separator Company.	54,868	July 31	123	1659
Cream. Sterilized.	Pacific Creamery Company.	51,688	Apr. 24	121	2649
Cream. Toilet.	C. J. Countie.	53,849	June 12	122	2382
Cream. Toilet.	Mistletoe Manufacturing Company.	55,697	Aug. 21	123	2613
Creams. Face.	F. F. Ingram.	52,177	May 1	122	345
Creams. Facial.	I. Hubert.	54,992	Aug. 7	123	1979

Alphabetical list of trade-marks—Continued.

Title	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Creams, hard candies, chocolates, &c	Griggs, Cooper and Company	56,986	Oct. 30	124	2896
Creams, ointments, and salves	J. A. Dinkler	58,399	Dec. 11	125	2043
Creams or lotions. Skin	R. K. Henry	57,860	Nov. 27	125	1345
Creams, rouges, and depilatory powders. Massage	M. R. Aubry	58,388	Dec. 11	125	2043
Creams. Toilet	Cosmo Company	57,851	Nov. 27	125	1344
Creamers. Gravity	J. S. Barth	54,371	June 26	122	2992
Creosote and guaiacol	Hartmann & Hauers	55,635	Aug. 21	123	2612
Creosote carbonate for medical purposes	Chemische Fabrik von Heyden, Aktiengesellschaft	54,909	Aug. 7	123	1978
Crettonnes. Drapery and upholstery	Eddystone Manufacturing Company	50,767	Mar. 27	121	1342
Crochet quilts	Union Manufacturing Company	48,488	Jan. 2	120	316
Crochet quilts	Union Manufacturing Company	49,063	Jan. 23	120	1157
Crochet quilts	Union Manufacturing Company	49,261	Jan. 30	120	1470
Crochet quilts	Union Manufacturing Company	49,262	Jan. 30	120	1470
Croustades	F. Beaumont	50,218	Mar. 6	121	331
Croustades	F. Beaumont	51,538	Apr. 10	121	1973
Culinary articles made of tinware	Reed Manufacturing Co.	56,853	Oct. 23	124	2528
Culinary utensils made of copper ware	Lisk Manufacturing Co.	52,809	May 15	122	1041
Culinary utensils made of galvanized ware	Lisk Manufacturing Co.	52,914	May 22	122	1386
Culinary vessels made of an alloy containing nickel and copper	International Nickel Company	58,444	Dec. 18	125	2353
Cultivators	Midland Manufacturing Co.	51,617	Apr. 17	121	2320
Cultivators	Whitman & Barnes Manufacturing Company	52,863	May 22	122	1384
Cure. Heave	M. W. Savage	48,696	Jan. 9	120	650
Cure of cancers and kindred diseases. Preparation for the	D. R. Dupuis	48,542	Jan. 2	120	318
Cure of horse ailments. Preparation for the	Dyer Remedy Company	48,922	Jan. 16	120	896
Current-distributing cut-out boards	H. T. Paiste Co.	53,220	May 29	122	1712
Currents. Dried	F. W. Jackson	58,145	Dec. 4	125	1696
Cutlery and edge-tools. Certain named	F. A. Claiberg & Co.	56,552	Oct. 9	124	1837
Cutlery and edge-tools. Certain named	Geller, Ward & Hasner Hdw. Co.	58,227	Dec. 11	125	2038
Cutlery. Certain named	George Wostenholm and Son	53,722	June 12	122	2377
Cutlery. Certain named	A. J. Jordan	54,754	June 26	122	3008
Cutlery. Certain named	J. S. Holler & Co.	55,498	Aug. 14	123	2305
Cutlery. Certain named	J. S. Holler & Co.	56,044	Aug. 21	123	2623
Cutlery. Certain named	George Wostenholm & Son	56,558	Oct. 9	124	1837
Cutlery. Certain named	Landers, Frary and Clark	57,788	Nov. 27	125	1343
Cutlery. Certain named	Simmons Hardware Company	58,234	Dec. 11	125	2039
Cutlery. Certain named	Landers, Frary and Clark	58,445	Dec. 18	125	2353
Cutters' extension-blades	J. B. Bowman	58,296	Dec. 11	125	2040
Cycle and cycle-hub brakes	New Departure Manufacturing Company	57,917	Dec. 4	125	1690
Cycle and cycle-hub brakes	New Departure Manufacturing Company	57,918	Dec. 4	125	1690
Cycle-saddles	J. B. Brooks & Co.	50,131	Mar. 6	121	327
Cycles, cars, automobiles, and parts thereof. Motor	Aurora Automatic Machinery Company	57,956	Dec. 4	125	1691
Cycles, motor-cycles, and parts thereof	Birmingham Small Arms Co.	50,890	Apr. 3	121	1660
Dairy products. Certain named	Borden's Condensed Milk Company	58,579	Dec. 18	125	2357
Dairy products. Preparations for coloring	Wells & Richardson Company	58,429	Dec. 11	125	2044
Dairy products. Preparations for coloring	Wells & Richardson Company	58,430	Dec. 11	125	2044
Damasks. Bleached, gray, printed, and fancy	Neuss, Hesslein & Co.	53,892	June 12	122	2384
Damasks. Bleached, gray, printed, and fancy	Neuss, Hesslein & Co.	54,560	June 26	122	3000
Dampers. Hot-air and smoke-pipe	S. M. Howes Company	52,046	May 1	122	340
Dandruff and skin cure	A. J. Frank	51,657	Apr. 17	121	2322
Dandruff cure and scalp-invigorator	J. B. Tatreau	55,911	Aug. 21	123	2619
Decalcomania transfer-sheets. Ornamental	Ceramic Transfer Co.	57,496	Nov. 13	125	659
Decalcomania transfer-sheets. Ornamental	Ceramic Transfer Co.	57,557	Nov. 13	125	661
Demulcents	Lavadura Chemical Co.	49,286	Jan. 30	120	1471
Denims	Massachusetts Cotton Mills	52,578	May 15	122	1032
Denims. Blue	Massachusetts Cotton Mills	52,579	May 15	122	1032
Dental absorbents	Johnson & Johnson	55,208	Aug. 7	123	1985
Dental chairs	Ritter Dental Mfg. Co.	50,556	Mar. 20	121	1007
Dental chairs	Ritter Dental Mfg. Co.	50,557	Mar. 20	121	1007
Dental chairs	Ritter Dental Mfg. Co.	56,946	Oct. 23	124	2530
Dental purposes. Rubber for	Traun Rubber Co.	49,136	Jan. 23	120	1160
Dental rubber	Traun Rubber Co.	52,191	May 1	122	346
Dental rubber	S. S. White Dental Mfg. Co.	53,151	May 29	122	1709
Dental varnish	S. S. White Dental Mfg. Co.	49,134	Jan. 23	120	1159
Dentifrice	Hy-Jen Chemical Co.	49,201	Jan. 30	120	1467
Dentifrice	Blumenthal Bros.	52,167	May 1	122	345
Dentifrice	Sanitol Chemical Laboratory Co.	55,990	Aug. 21	123	2621
Dentifrices in powder, paste, or liquid form	Pond's Extract Company	52,109	May 1	122	343
Dentifrices. Liquid	American Peroxide and Chemical Company	50,250	Mar. 6	121	332
Dentifrices, toilet creams, and toilet powders	Parke, Davis & Co.	58,085	Dec. 4	125	1694
Dentures. Cast	Ransom & Randolph Company	57,889	Dec. 4	125	1689
Deodorants	J. M. Schutz	58,695	Dec. 25	125	2751
Depilatory	A. A. La Vigne	58,044	Dec. 4	125	1693
Depilatory	A. A. La Vigne	58,062	Dec. 4	125	1693
Depilatory powders	F. T. Hopkins	54,663	June 26	122	3004
Desks, tables, and cabinets	Krag Imperial Cabinet Company	56,807	Oct. 16	124	2175
Desks, tables, and cabinets	Krag Imperial Cabinet Company	57,462	Nov. 13	125	658
Detergent preparation	Holzappel's Compositions Company	49,859	Feb. 20	120	2435
Device. Certain named	R. M. Clark	55,493	Aug. 14	123	2305
Deviled entremets	William Underwood Company	58,905	Dec. 25	125	2757
Dextrin	Norddeutsche Kartoffelmehl-Fabrik mit Beschränkter Haftung	48,665	Jan. 9	120	649
Diaries	W. H. Lee	52,038	May 1	122	340
Dictionaries	G. & C. Merriam Company	50,645	Mar. 27	121	1337
Dictionaries	G. & C. Merriam Company	50,646	Mar. 27	121	1337
Dictionaries, atlases, and cyclopedias	Funk & Wagnalls Company	55,065	Aug. 7	123	1981
Die-stocks	Hart Manufacturing Co.	49,311	Jan. 30	120	1472

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Dies, holders therefor, and taps.	C. Elterich.	58,183	Dec. 11	125	2037
Dietetic albuminous preparations.	Bauer & Co.	53,028	May 22	122	1391
Disinfectant.	Albo Chemical Co.	54,960	Aug. 7	123	1978
Disinfectant and insecticide.	Atlantic Refining Company.	58,075	Dec. 4	125	1694
Disinfectant antiseptic powder.	J. C. Bayles.	54,961	Aug. 7	123	1978
Disinfectant. Germicide.	Albo Chemical Co.	52,709	May 15	122	1037
Disinfectant, germicide, odorizer, and insecticide.	Wellsville Chemical Co.	54,988	Aug. 7	123	1979
Disinfectant, preservative, and bactericide.	Carno Chemical Co.	50,963	Apr. 3	121	1663
Disinfectants.	Warren Brothers Company.	49,557	Feb. 6	120	1820
Disinfectants.	Kathairo Chemical Co.	53,318	May 29	122	1716
Disinfectants.	Krix-ol Chemical Co.	55,637	Aug. 21	123	2612
Disinfectants and antiseptics.	Schülke & Mayr.	53,937	June 12	122	2386
Disinfectants and antiseptics.	Schülke & Mayr.	53,938	June 12	122	2386
Disinfectants and insecticides.	Urino Chemical Co.	58,778	Dec. 25	125	2754
Disinfectants, antiseptics, and germicides.	Geo. F. Eberhard Company.	52,453	May 8	122	721
Disinfectants in liquid and powdered form.	Masury, Young & Co.	55,638	Aug. 21	123	2612
Disinfectants. Liquid.	M. E. Platt.	50,246	Mar. 6	121	332
Dispensing-cabinets.	Albany Perforated Wrapping Paper Co.	52,287	May 8	122	714
Display-fixtures.	Heimann-Miller Manufacturing Company.	49,249	Jan. 30	120	1470
Display-racks.	J. H. Best.	53,161	May 29	122	1709
Displaying goods in stores. Fixtures for.	Heimann-Miller Manufacturing Company.	51,791	Apr. 24	121	2653
Dog-blankets.	J. A. Davis.	49,984	Jan. 16	120	898
Dolls.	Abraham & Straus.	51,695	Apr. 24	121	2650
Dolls.	Strawbridge & Clothier.	53,187	May 29	122	1710
Dolls.	Strawbridge & Clothier.	55,583	Aug. 14	123	2307
Door-springs.	Columbian Hdw. Co.	55,494	Aug. 14	123	2305
Doors.	Paine Lumber Company.	53,789	June 12	122	2380
Draperies, hangings, and woven fabrics for walls.	H. B. Wiggins' Sons Company.	55,129	Aug. 7	123	1983
Drawing instruments. Certain named.	Keuffel & Esser Company.	59,013	Dec. 25	125	2760
Dress fabrics composed of worsted, silk, cotton, and mohair.	Sidney Blumenthal & Co.	56,668	Oct. 16	124	2171
Dress goods and cloakings.	C. R. O'Donald & Co.	48,623	Jan. 9	120	647
Dress goods and linings.	Martin L. Cohn Co.	51,034	Apr. 3	121	1666
Dress goods and ribbons. Woven.	William Strange Company.	58,670	Dec. 18	125	2359
Dress goods. Mohair.	N. Erlanger, Blumgart & Co.	48,293	Jan. 30	120	1471
Dress-shields.	I. B. Kleinert Rubber Co.	48,993	Jan. 16	120	899
Dress-shields.	I. B. Kleinert Rubber Company.	52,549	May 15	122	1031
Dress-shields.	I. B. Kleinert Rubber Company.	52,571	May 15	122	1032
Dress-shields.	I. B. Kleinert Rubber Company.	52,572	May 15	122	1032
Dress-shields.	I. B. Kleinert Rubber Company.	52,573	May 15	122	1032
Dress-shields.	I. B. Kleinert Rubber Company.	52,574	May 15	122	1032
Dress-shields.	I. B. Kleinert Rubber Company.	52,575	May 15	122	1032
Dress-shields.	C. F. Hovey & Co.	53,249	May 29	122	1713
Dress-shields.	I. B. Kleinert Rubber Company.	54,142	June 19	122	2682
Dress-shields.	Kora Co.	54,555	June 26	122	3000
Dress-shields.	Levi & Blum.	55,005	Aug. 7	123	1979
Dress-shields.	I. B. Kleinert Rubber Co.	55,482	Aug. 14	123	2305
Dress-shields.	Amolin Chemical Company.	56,431	Sept. 25	124	1201
Dress-shields.	Stork Company.	56,532	Oct. 2	124	1518
Dress-shields.	I. B. Kleinert Rubber Company.	57,144	Nov. 6	125	342
Dress-shields.	Levi & Blum.	58,559	Dec. 18	125	2356
Dress-skirts and underskirts.	Lion Bros. Co.	56,455	Sept. 25	124	1202
Dress-waists, dress-skirts, coats, and wraps. Ladies'.	Queen Manufacturing Company.	55,987	Aug. 21	123	2621
Dresses. Infants' and children's.	W. L. Leavy.	55,091	Aug. 7	123	1981
Driers. Liquid.	Pratt & Lambert.	50,688	Mar. 27	121	1339
Drillings and sheetings.	Massachusetts Cotton Mills.	49,440	Feb. 6	120	1815
Drills and drilling-machines.	Howells Mining Drill Co.	52,361	May 8	122	717
Drills and drilling-machines for drilling in metal.	Ajax Manufacturing Company.	54,853	July 31	123	1659
Drills and reamers.	Patterson, Gottfried & Hunter.	48,691	Jan. 9	120	650
Drills, reamers, taps, dies, counterbores, and milling-cutters.	Morse Twist Drill & Machine Company.	56,932	Oct. 23	124	2530
Drinks. Mixed.	J. Jacques.	49,202	Jan. 30	120	1468
Drumheads.	Diamond Whip Co.	58,251	Dec. 11	125	2039
Drums.	Duplex Manufacturing Company.	49,851	Feb. 20	120	2435
Drums.	Lyons & Healy.	51,729	Apr. 24	121	2651
Dry goods. Certain named.	A. Wedl.	52,389	May 8	122	718
Duck and canvas cleaning compounds.	F. H. Young Company.	51,834	Apr. 24	121	2655
Duck and canvas cleaning compounds.	F. H. Young Company.	51,927	Apr. 24	121	2659
Ducts and conduits. Clay.	H. B. Camp Company.	56,790	Oct. 16	124	2175
Dumb-waiters.	J. G. Speidel.	53,609	June 5	122	2057
Dumb-waiters.	J. G. Speidel.	54,024	June 19	122	2678
Dust of carpeted floors. Preparation for laying the.	Disinfectant Dustlayer Company.	57,853	Nov. 27	125	1344
Dust of wood floors. Preparation for laying.	Disinfectant Dustlayer Company.	58,400	Dec. 11	122	2043
Dust-pans.	Central Stamping Company.	52,656	May 15	125	1035
Dusters. Feather.	Chicago Feather Duster Co.	51,016	Apr. 3	121	1666
Dusters. Feather.	G. Koch.	55,330	Aug. 14	123	2301
Dye-colors.	W. Cushing & Co.	49,184	Jan. 30	120	1467
Dyes.	Paas Dye Co.	50,727	Mar. 27	121	1341
Dyes.	Paas Dye Co.	50,728	Mar. 27	121	1341
Dyes.	William Edge & Sons.	57,874	Nov. 27	125	1345
Dyes and dyestuffs.	Johnson-Richardson Co.	49,101	Jan. 23	120	1158
Dyes. Anilin.	Cassella Color Company.	52,090	May 1	122	342
Dyes. Anilin.	Cassella Color Company.	53,621	June 5	122	2057
Dyes for treating fabrics.	William Edge & Sons.	55,725	Aug. 21	123	2614
Dyes. Powdered form of.	Heitmann Bros.	54,975	Aug. 7	123	1978
Dyeing preparation.	E. C. Foster.	50,229	Mar. 6	121	331
Dyestuff.	Cassella Color Company.	49,997	Feb. 27	120	2747
Dyestuff.	Cassella Color Company.	50,221	Mar. 6	121	331
Dyestuff.	Cassella Color Company.	50,222	Mar. 6	121	331
Dyestuff.	Cassella Color Company.	50,497	Mar. 20	121	1005
Dyestuff.	Cassella Color Company.	50,778	Mar. 27	121	1343
Dyestuff.	Badische Anilin- & Soda-Fabrik.	52,223	May 1	122	347
Dyestuff.	Badische Anilin- & Soda-Fabrik.	52,224	May 1	122	347
Dyestuff.	Badische Anilin- & Soda-Fabrik.	52,225	May 1	122	347

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazet	
				Vol.	Page.
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,226	May 1	122	347
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,227	May 1	122	347
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,228	May 1	122	347
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,229	May 1	122	347
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,230	May 1	122	347
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,231	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,232	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,233	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,234	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,235	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,236	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,237	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,238	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,239	May 1	122	348
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	52,240	May 1	122	348
Dyestuff.....	Kuttroff, Pickhardt & Company..	52,425	May 8	122	719
Dyestuff.....	Kuttroff, Pickhardt & Company..	52,426	May 8	122	719
Dyestuff.....	Kuttroff, Pickhardt & Company..	52,427	May 8	122	720
Dyestuff.....	Kuttroff, Pickhardt & Company..	52,428	May 8	122	720
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	56,434	Sept. 25	124	1201
Dyestuff.....	Badische Anilin- & Soda-Fabrik..	56,885	Oct. 23	124	2529
Dyestuff or coloring mixture for leather	Kuttroff, Pickhardt & Company..	57,060	Oct. 30	124	2898
Dyestuffs.....	Stamford Mfg. Co.....	51,509	Apr. 17	121	2316
Dyestuffs.....	Continental Color and Chemical Co.	58,720	Dec. 25	125	2753
Dyestuffs.....	H. A. Metz & Co.....	58,860	Dec. 25	125	2756
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,851	June 12	122	2382
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,852	June 12	122	2382
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,853	June 12	122	2382
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,854	June 12	122	2382
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,855	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,856	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,857	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,858	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,859	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,860	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,861	June 12	122	2383
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,916	June 12	122	2385
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,917	June 12	122	2385
Dyestuffs and coloring-matters.	H. A. Metz & Co.....	53,918	June 12	122	2385
Dyestuffs. Anilin.....	C. Bischoff & Co.....	51,631	Apr. 17	121	2321
Dyestuffs. Sensitizing.....	Farbenfabriken of Elberfeld Co..	51,887	Apr. 24	121	2657
Dynamite, dynamite-cartridges, blasting-gelatin, and low-powder.	Aetna Powder Co.....	51,706	Apr. 24	121	2650
Dyspepsia-cakes.....	H. A. C. Dahl.....	50,714	Mar. 27	121	1340
Dyspepsia-cakes.....	H. A. C. Dahl.....	50,715	Mar. 27	121	1340
Dyspepsia cure.....	S. B. Goff & Sons Co.....	55,719	Aug. 21	123	2614
Dyspepsia cure.....	Sawyer's Dyspepsia Cure Co.....	58,116	Dec. 4	125	1695
Dyspepsia cure.....	Universal Dyspepsia Cure Co.....	58,125	Dec. 4	125	1695
Dyspepsia tablets and capsules.	Vig-Ni Medicine Co.....	49,894	Feb. 20	120	2437
Earthenware.....	Warwick China Co.....	53,109	May 29	122	1707
Earthenware, earthenware blocks and sewer-pipes.	Bessemer Limestone Company..	57,726	Nov. 27	125	1341
Earthenware vessels.....	E. J. Samson & Co.....	54,611	June 26	122	3002
Eau-de-cologne.....	J. M. Farina gegenüber dem Jülichs-Platz.	54,972	Aug. 7	123	1978
Eau-de-cologne.....	J. M. Farina gegenüber dem Jülichs-Platz.	54,973	Aug. 7	123	1978
Eaves-troughs.....	St. Paul Roofing, Cornice & Ornament Company.	53,764	June 12	122	2379
Edge-planes, welt-trimmers, sole-rounding knives, &c.	Snell & Atherton.....	56,734	Oct. 16	124	2173
Edge-tools. Certain named.....	Buck Brothers.....	56,914	Oct. 23	124	2529
Edge-tools. Certain named.....	Fones Bros. Hardware Co.....	57,143	Nov. 6	125	342
Edge-tools. Certain named.....	Wells & Nellegar Company.....	57,175	Nov. 6	125	343
Edge-tools. Certain named.....	Collins Company.....	58,941	Dec. 25	125	2758
Edge-tools. Certain named.....	Collins Company.....	58,942	Dec. 25	125	2758
Egg-beaters. Rotary.....	Taplin Manufacturing Company..	57,768	Nov. 27	125	1342
Egg-preserving preparations.....	Acme Egg Preserving Company..	57,842	Nov. 27	125	1344
Egg-whites. Chemical and vegetable substitute for.....	Frostlene Manufacturing Company.	53,206	May 29	122	1711
Egg-whites. Chemical and vegetable substitute for.....	Frostlene Manufacturing Company.	54,375	June 26	122	2992
Eggs.....	G. W. Martin & Bro.....	53,441	June 5	122	2050
Eggs.....	Beyer Brothers Commission Company.	53,458	June 5	122	2050
Eggs. Hens'.....	G. M. Wattles & Son.....	50,491	Mar. 20	121	1005
Ejectors.....	United Injector Co.....	50,632	Mar. 27	121	1337
Electric and gas light reflectors.	I. P. Frink.....	53,517	June 5	122	2053
Electric-conduit fittings.....	Crouse-Hinds Company.....	50,462	Mar. 20	121	1004
Electric-conduit fittings.....	Crouse-Hinds Company.....	50,463	Mar. 20	121	1004
Electric fans.....	Jandus Electric Co.....	49,251	Jan. 30	120	1470
Electric fixtures. Socket-bushings for.....	Frank H. Stewart Electric Company.	49,855	Feb. 20	120	2435
Electric fuses with or without cap.....	Star Electric Fuse Works.....	51,667	Apr. 17	121	2322
Electric generators and motors and parts thereof.	C. A. Parsons.....	51,568	Apr. 17	121	2319
Electric-light supports.....	Frank H. Stewart Electric Company.	49,854	Feb. 20	120	2435
Electric machines. Certain named.....	Diehl Manufacturing Company..	49,433	Feb. 6	120	1815
Electric meters.....	Bristol Company.....	55,534	Aug. 14	123	2306
Electric motors.....	Bart, Wygant & Brown.....	50,639	Mar. 27	121	1337
Electric switches.....	Hart & Hegeman Mfg. Co.....	51,743	Apr. 24	121	2651
Electric switches and parts thereof.....	D. & W. Fuse Co.....	52,844	May 22	122	1383
Electric switches, push-buttons, and fittings for electric circuits and lights.	R. A. Schoenberg.....	54,725	June 26	122	3007
Electric time-switches.....	Crescent Electrical & Manufacturing Company.	50,426	Mar. 13	121	685
Electrical accumulators.....	C. Jeantaud.....	56,303	Sept. 11	124	619

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Electrical apparatus. Certain named.....	De Veau Telephone Manufacturing Company.....	58,519	Dec. 18	125	2355
Electrical apparatus. Certain named.....	Holtzer-Cabot Electric Co.....	58,523	Dec. 18	125	2355
Electrical apparatus, machines, and supplies. Certain named.....	Simplex Electric Heating Company.....	56,315	Sept. 11	124	619
Electrical apparatus, machines, and supplies. Certain named.....	Simplex Electric Heating Company.....	56,316	Sept. 11	124	619
Electrical appliances.....	Hart Manufacturing Company.....	49,100	Jan. 23	120	1158
Electrical appliances. Certain named.....	Hart Manufacturing Company.....	52,848	May 22	122	1384
Electrical appliances for assisting the hearing.....	C. W. Harper.....	53,724	June 12	122	2377
Electrical insulating and protective devices.....	Johns-Pratt Co.....	56,013	Aug. 21	123	2622
Electrical wire. Rubber-covered.....	John A. Roebling's Sons Co.....	56,844	Oct. 23	124	2528
Electricity. Devices for use in applying.....	J. W. Gibbs.....	50,326	Mar. 13	121	681
Embalming fluid.....	J. Ralph.....	56,464	Sept. 25	124	1202
Embalming fluids.....	Venus Chemical Co.....	51,178	Apr. 3	121	1672
Embalming fluids.....	Rex Fluid Company.....	58,088	Dec. 4	125	1694
Embroideries.....	T. D. Eisner & Son.....	49,186	Jan. 30	120	1467
Embroideries. Silk.....	Lion Bros. Co.....	54,903	July 31	123	1660
Embroidery.....	Atlantic Novelty Co.....	49,990	Feb. 27	120	2747
Emollient and medicinal preparation.....	T. E. Carpenter.....	48,845	Jan. 16	120	893
Emulsified preparations, cough mixtures, and lotions.....	J. O. May.....	53,913	June 12	122	2385
Emulsions for all conditions of malnutrition.....	Standard Emulsion Co.....	53,366	May 29	122	1718
Enamel.....	Hamrick Tank & Barrel Hard Shell Enameling Co.....	50,915	Apr. 3	121	1661
Enamel. Gold, aluminium, and bronze.....	E. Schulz.....	55,097	Aug. 7	123	1982
Engines and rams. Hydraulic.....	Rife Hyd. Engine Mfg. Co.....	49,296	Jan. 30	120	1471
Engines and steam-pumps. Steam pumping.....	Wheeler Condenser & Engineering Co.....	50,403	Mar. 13	121	648
Engines. Center-crank steam.....	A. L. Ide & Sons.....	54,334	June 26	122	2991
Engines. Explosive.....	Buckeye Manufacturing Company.....	53,718	June 12	122	2377
Engines. Explosive.....	Foos Gas Engine Company.....	53,975	June 19	122	2676
Engines. Explosive.....	Baker Manufacturing Co.....	54,998	Aug. 7	123	1979
Engines. Gas.....	White Lily Washer Company.....	56,293	Sept. 4	124	315
Engines. Gas and gasoline.....	Otto Gas Engine Works.....	50,486	Mar. 20	121	1005
Engines. Gas and gasoline.....	Fairbanks Co.....	51,582	Apr. 17	121	2319
Engines. Gas or gasoline.....	Detroit Auto-Marine Co.....	49,069	Jan. 23	120	1157
Engines. Gas or oil.....	Temple Pump Company.....	52,920	May 22	122	1386
Engines. Gasoline.....	Deere & Webber Co.....	54,740	June 26	122	3007
Engines. Gasoline and marine.....	H. Keidel.....	49,285	Jan. 30	120	1471
Engines. Internal-combustion.....	Progressive Mfg. Co.....	50,836	Apr. 3	121	1658
Engines. Side-crank steam.....	A. L. Ide & Sons.....	54,333	June 26	122	2991
Engines. Stationary steam.....	Southern Engine & Boiler Works.....	53,988	June 19	122	2676
Engines. Steam.....	Ames Iron Works.....	58,225	Dec. 11	125	2038
Engines. Steam.....	Ames Iron Works.....	58,226	Dec. 11	125	2038
Engines. Steam hoisting, mining, stationary, and dredging.....	J. S. Mundy.....	54,718	June 26	122	3007
Entremets. Deviled.....	William Underwood Company.....	49,927	Feb. 20	120	2438
Envelops.....	Transo-Paper Company.....	50,165	Mar. 6	121	329
Envelops and paper.....	C. J. Cohen & Son.....	52,879	May 22	122	1385
Envelops and paper.....	C. J. Cohen & Son.....	52,880	May 22	122	1385
Envelops and paper.....	C. J. Cohen & Son.....	52,881	May 22	122	1385
Eraser. Solid composition.....	F. A. Weeks.....	53,158	May 29	122	1709
Erasers. Rubber.....	E. Faber.....	52,417	May 8	122	719
Ergot extract.....	F. Hoffmann-La Roche & Co.....	58,830	Dec. 25	125	2755
Escarotics.....	Lloyd Brothers.....	50,516	Mar. 20	121	1006
Exhibiting advertising and display matter. Machines for.....	F. E. Van Deusen.....	54,298	June 26	122	2989
Exploders. Electrical.....	Masurite Explosive Company.....	53,521	June 5	122	2053
Explosive-engines, internal-combustion motors, gas and gasoline engines.....	C. H. A. Dissinger & Bro.....	48,920	Jan. 16	120	896
Explosives.....	Masurite Explosive Company.....	49,973	Feb. 27	120	2746
Explosives.....	Masurite Explosive Company.....	50,654	Mar. 27	121	1338
Explosives.....	Nobel's Explosives Company.....	51,566	Apr. 17	121	2318
Explosives.....	Masurite Explosive Company.....	54,310	June 26	122	2990
Explosives for blasting and the like.....	E. I. du Pont Company.....	57,243	Nov. 6	125	345
Explosives. High.....	Eastern Dynamite Company.....	57,352	Nov. 13	125	655
Explosives. High.....	Eastern Dynamite Company.....	57,363	Nov. 13	125	656
Explosives. High.....	Eastern Dynamite Company.....	57,364	Nov. 13	125	656
Explosives. High.....	Eastern Dynamite Company.....	57,397	Nov. 13	125	656
Explosives. High.....	Eastern Dynamite Company.....	57,398	Nov. 13	125	656
Explosives. High.....	Eastern Dynamite Company.....	57,421	Nov. 13	125	657
Explosives. High.....	Eastern Dynamite Company.....	57,422	Nov. 13	125	657
Explosives. High.....	Eastern Dynamite Company.....	57,423	Nov. 13	125	657
Explosives. High.....	Eastern Dynamite Company.....	57,443	Nov. 13	125	658
Explosives. High.....	Eastern Dynamite Company.....	57,444	Nov. 13	125	658
Explosives. High.....	California Vigorit Powder Company.....	58,008	Dec. 4	125	1692
Explosives. High.....	Eastern Dynamite Company.....	58,010	Dec. 4	125	1692
Explosives. High.....	Eastern Dynamite Company.....	58,011	Dec. 4	125	1692
Explosives. High.....	Eastern Dynamite Company.....	58,553	Dec. 18	125	2356
Extract. Chestnut-oak.....	C. A. Spencer.....	52,255	May 1	122	348
Extracts.....	Sprague, Warner & Company.....	52,014	May 22	122	1390
Extracts and crystals. Logwood.....	West Indies Chemical Works.....	55,795	Aug. 21	123	2616
Extracts containing caffein, theine, and cafeeo-tannic acid. Vegetable.....	Dr. Graf & Comp.....	55,982	Aug. 21	123	2621
Extracts. Flavoring.....	Sprague, Warner & Company.....	55,835	Aug. 21	123	2617
Extracts for making beverages when diluted with water.....	E. T. Wills.....	55,867	Aug. 21	123	2618
Eye. Wash for treatment of affections of the.....	W. C. Lehmann.....	48,860	Jan. 16	120	894
Eye-water.....	F. M. Jones.....	55,898	Aug. 21	123	2619
Eyeglass nose-guards.....	W. H. Reisner Manufacturing Co.....	53,992	June 19	122	2676
Eyeglasses.....	W. H. Spangler.....	57,479	Nov. 13	125	659
Eyeglasses, spectacles, and parts and repairs and cases therefor.....	E. Kirstein Sons Co.....	51,884	Apr. 24	121	2657
Eyeglasses, spectacles, opera and field glasses, and parts thereof.....	Globe Optical Co.....	55,455	Aug. 14	123	2304

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Eyelets and lacing-hooks.....	United Fast Color Eyelet Company.	50,738	Mar. 27	121	1341
Eyelets for shoes.....	Manufacture Française D'Oeillets Métalliques (ancienne Maison G. Bac).	52,811	May 15	122	1041
Eyelets for shoes.....	Manufacture Française D'Oeillets Métalliques (ancienne Maison G. Bac).	57,042	Oct. 30	124	2897
Fabric. Imitation of Persian-lamb.....	J. & J. Dobson.....	49,272	Jan. 30	120	1470
Fabric. Sheet translucent.....	Translucent Fabric Co.....	53,576	June 3	122	2055
Fabric. Waterproof.....	Standard Paint Company.....	49,254	Jan. 30	120	1470
Fabrics and garments made therefrom. Waterproof textile.....	Hirsh Brothers.....	52,360	May 8	122	717
Fabrics. Bleached and unbleached textile.....	E. J. Fraser-Campbell.....	55,981	Aug. 21	123	2621
Fabrics. Bleached and unbleached textile.....	E. J. Fraser-Campbell.....	56,009	Aug. 21	123	2622
Fabrics. Bleached and unbleached textile.....	E. J. Fraser-Campbell.....	56,010	Aug. 21	123	2622
Fabrics. Bleached, unbleached, dyed, and printed textile.....	A. G. Hyde & Sons.....	54,261	June 26	122	2988
Fabrics. Bleached, unbleached, printed, and dyed textile.....	Eddystone Manufacturing Company.	52,395	May 8	122	718
Fabrics. Certain named.....	F. S. Bisbee.....	51,220	Apr. 10	121	1968
Fabrics. Certain named.....	Union Fibre Co.....	53,018	May 22	122	1390
Fabrics. Certain named dress.....	O. Seyd.....	54,562	June 26	122	3000
Fabrics. Certain named textile.....	Massachusetts Cotton Mills.....	55,133	Aug. 7	123	193
Fabrics. Certain named textile.....	J. Lonke.....	58,561	Dec. 18	125	2356
Fabrics. Certain woven.....	H. B. Wiggins' Sons Company.....	58,305	Dec. 11	125	2041
Fabrics. Cotton textile.....	Eddystone Manufacturing Company.	50,761	Mar. 27	121	1342
Fabrics. Drapery and upholstery.....	Eddystone Manufacturing Co.....	49,246	Jan. 30	120	1469
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,245	Jan. 30	120	1469
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Co.....	49,446	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Co.....	49,447	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,448	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Co.....	49,449	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,452	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,453	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,454	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,455	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	49,456	Feb. 6	120	1816
Fabrics. Drapery and upholstery textile.....	Eddystone Manufacturing Company.	50,192	Mar. 6	121	330
Fabrics in the piece. Woolen and worsted woven.....	Wanskuck Company.....	57,174	Nov. 6	125	343
Fabrics in the piece. Woven woolen and worsted.....	Metcal Brothers & Co.....	57,103	Nov. 6	125	341
Fabrics. Mercerized cotton.....	C. Whitman & Co.....	49,064	Jan. 23	120	1157
Fabrics of cotton, wool, or silk. White, printed, or dyed textile.....	Arnold Print Works.....	53,238	May 29	122	1712
Fabrics. Printed and dyed cotton textile.....	Eddystone Manufacturing Company.	49,302	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,244	Jan. 30	120	1469
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,300	Jan. 30	120	1471
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,301	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,303	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,304	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,305	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,306	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,307	Jan. 30	120	1472
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,450	Feb. 6	120	1816
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	49,451	Feb. 6	120	1816
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	50,193	Mar. 6	121	330
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	50,996	Apr. 3	121	1665
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	51,057	Apr. 3	121	1667
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Co.....	52,643	May 15	122	1034
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	53,625	June 5	122	2057
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	54,820	July 31	123	1658
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	54,869	July 31	123	1659
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	55,035	Aug. 7	123	1980
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	55,263	Aug. 14	123	2299
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	55,602	Aug. 21	123	2611
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.	58,539	Dec. 18	125	2356
Fabrics. Printed cotton.....	Pacific Mills.....	55,006	Aug. 7	123	1979
Fabrics. Silk.....	Stewart Silk Company.....	50,058	Feb. 7	120	2750

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Fabrics. Silk.....	Smith McCord Townsend Dry Goods Company.	56,973	Oct. 30	124	2895
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,561	Mar. 20	121	1008
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,562	Mar. 20	121	1008
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,563	Mar. 20	121	1008
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,578	Mar. 20	121	1008
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,732	Mar. 27	121	1341
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,733	Mar. 27	121	1341
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,734	Mar. 27	121	1341
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,756	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,757	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,758	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,759	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,760	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,762	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,763	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,765	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,766	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	50,768	Mar. 27	121	1342
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,811	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,812	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,813	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,814	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,815	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,816	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,817	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,818	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,821	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	54,822	July 31	123	1658
Fabrics. Textile.....	Eddystone Manufacturing Company.	56,236	Sept. 4	124	314
Fabrics. Textile.....	Eddystone Manufacturing Company.	56,608	Oct. 9	124	1838
Fabrics. Upholstery textile.....	Andrew McLean Co.	51,513	Apr. 17	121	2316
Fabrics. Waterproof textile.....	A. Berel.	49,991	Feb. 27	120	2747
Fabrics. Woven silk.....	H. Simon.	49,443	Feb. 6	120	1815
Face and skin. Preparation for the.....	C. D. Evans.	50,367	Mar. 13	121	682
Fans. Motor.....	Hunter Fan & Motor Co.	58,190	Dec. 11	125	2037
Fasteners.....	Patent Button Co.	49,740	Feb. 13	120	2122
Fasteners. Belt.....	C. S. Eaton.	55,496	Aug. 14	123	2305
Faucets.....	E. Stebbins Manufacturing Company.	54,742	June 26	122	3008
Feathers and feather trimmings. Fancy and ostrich.....	E. Lewinsohn.	53,923	June 12	122	2385
Feathers. Ostrich.....	W. Freystadt Straussfeder Fabrik.	52,975	May 22	122	1389
Feed. Chicken.....	Ross Brothers.	50,691	Mar. 27	121	1339
Feed consisting of ground corn and oats. Cattle.....	Dock & Coal Co.	49,640	Feb. 13	120	2118
Feed. Hominy.....	American Hominy Company.	51,491	Apr. 17	121	2315
Feed. Stock.....	Ralston Purina Co.	51,428	Apr. 17	121	2313
Feed. Mixed.....	Lawrence Feed Co.	55,825	Aug. 21	123	2617
Feed-water heaters.....	National Pipe Bending Company.	52,871	May 22	122	1384
Feed-water heaters.....	Stewart Heater Co.	53,990	June 19	122	2676
Feed-water heaters.....	Wheeler Condenser & Engineering Co.	54,300	June 26	122	2989
Feeds and distillers' and brewers' dried grains. Blended.....	J. W. Biles Co.	51,793	Apr. 24	121	2653
Feeders. Automatic boiler.....	Gravity Controller Company.	57,453	Nov. 13	125	658
Felt. Prepared roofing.....	E. A. Laughlin.	52,012	May 1	122	339
Felt. Roofing and sheathing.....	Warren Chemical & Manufacturing Company.	56,978	Oct. 30	124	2895
Felt. Roofing, sheathing, and building.....	Warren Chemical & Manufacturing Company.	52,048	May 1	122	340
Felt. Roofing, sheathing, waterproofing, and building.....	Warren-Ehert Company.	52,988	May 22	122	1389
Felt. Waterproof roofing.....	St. Paul Roofing, Cornice & Ornament Company.	53,734	June 12	122	2378
Felt. Waterproofing.....	Hydrex Felt & Engineering Co.	49,378	Feb. 6	120	1813
Fence. Wire.....	Keystone Fence Company.	58,221	Dec. 11	125	2038
Fences. Wire and combination wood and wire.....	Hodge Fence & Lumber Co.	54,009	June 19	122	2677
Fencing. Wire.....	Lion Fence Co.	52,039	May 1	122	340
Fencing. Woven-wire.....	American Steel & Wire Company.	53,740	June 12	122	2378
Ferruginous preparation.....	Nicolay & Co.	54,341	June 26	122	2991

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Ferruginous preparation.....	Nicolay & Co.....	58,412	Dec. 11	125	2043
Fertilizer. Bone.....	F. S. Royster Guano Co.....	52,845	May 22	122	1384
Fertilizer compound. Odorless chemical.....	N. A. Niemann.....	57,739	Nov. 27	125	1341
Fertilizer-distributers.....	T. E. & C. S. McCall.....	57,790	Nov. 27	125	1343
Fertilizer-distributers.....	International Harvester Com- pany of America.....	58,217	Dec. 11	125	2038
Fertilizer-distributers.....	International Harvester Com- pany of America.....	58,218	Dec. 11	125	2038
Fertilizers.....	Federal Chemical Co.....	48,476	Jan. 2	120	316
Fertilizers.....	Independent Packers Fertilizer Co.....	50,484	Mar. 20	121	1004
Fertilizers.....	American Agricultural Chem- ical Co.....	52,391	May 8	122	718
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,275	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,276	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,277	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,278	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,279	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,280	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,281	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,282	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,283	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,284	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,285	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,286	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,287	May 29	122	1714
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,288	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,289	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,290	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,291	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,292	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,293	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,294	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,295	May 29	122	1715
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,472	June 5	122	2051
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,473	June 5	122	2051
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,474	June 5	122	2051
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,503	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,504	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,505	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,506	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,507	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,508	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,509	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,510	June 5	122	2052
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,614	June 5	122	2057
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.....	53,682	June 12	122	2376
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.....	53,683	June 12	122	2376
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.....	53,684	June 12	122	2376
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,688	June 12	122	2376
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,689	June 12	122	2376
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,690	June 12	122	2376
Fertilizers.....	Virginia-Carolina Chemical Com- pany.....	53,691	June 12	122	2376
Fertilizers.....	Georgia Chemical Works.....	53,696	June 12	122	2377
Fertilizers.....	Georgia Chemical Works.....	53,697	June 12	122	2377
Fertilizers.....	Georgia Chemical Works.....	53,698	June 12	122	2377

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Fertilizers.....	Navassa Guano Company of Wilmington.	53,703	June 12	122	2377
Fertilizers.....	Navassa Guano Company of Wilmington.	53,704	June 12	122	2377
Fertilizers.....	Navassa Guano Company of Wilmington.	53,705	June 12	122	2377
Fertilizers.....	Navassa Guano Company of Wilmington.	53,706	June 12	122	2377
Fertilizers.....	Navassa Guano Company of Wilmington.	53,707	June 12	122	2377
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.	53,708	June 12	122	2377
Fertilizers.....	Virginia-Carolina Chemical Company.	53,713	June 12	122	2377
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.	53,959	June 19	122	2675
Fertilizers.....	Virginia-Carolina Chemical Company.	53,964	June 19	122	2675
Fertilizers.....	Virginia-Carolina Chemical Company.	53,965	June 19	122	2675
Fertilizers.....	Virginia-Carolina Chemical Company.	54,050	June 19	122	2679
Fertilizers.....	Georgia Chemical Works.....	54,057	June 19	122	2679
Fertilizers.....	Virginia-Carolina Chemical Company.	54,067	June 19	122	2679
Fertilizers.....	Virginia-Carolina Chemical Company.	54,407	June 26	122	2994
Fertilizers.....	Virginia-Carolina Chemical Company.	54,408	June 26	122	2994
Fertilizers.....	Georgia Chemical Works.....	54,411	June 26	122	2994
Fertilizers.....	Georgia Chemical Works.....	54,412	June 26	122	2994
Fertilizers.....	Navassa Guano Company of Wilmington.	54,434	June 26	122	2995
Fertilizers.....	Virginia-Carolina Chemical Company.	54,438	June 26	122	2995
Fertilizers.....	Virginia-Carolina Chemical Company.	54,439	June 26	122	2995
Fertilizers.....	Virginia-Carolina Chemical Company.	54,455	June 26	122	2996
Fertilizers.....	Virginia-Carolina Chemical Company.	54,456	June 26	122	2996
Fertilizers.....	Virginia-Carolina Chemical Company.	54,457	June 26	122	2996
Fertilizers.....	Virginia-Carolina Chemical Company.	54,488	June 26	122	2997
Fertilizers.....	Virginia-Carolina Chemical Company.	54,505	June 26	122	2998
Fertilizers.....	Virginia-Carolina Chemical Company.	54,648	June 26	122	3004
Fertilizers.....	Virginia-Carolina Chemical Company.	54,802	July 31	123	1658
Fertilizers.....	Virginia-Carolina Chemical Company.	55,014	Aug. 7	123	1979
Fertilizers.....	Virginia-Carolina Chemical Company.	55,015	Aug. 7	123	1979
Fertilizers.....	Virginia-Carolina Chemical Company.	55,101	Aug. 7	123	1982
Fertilizers.....	Virginia-Carolina Chemical Company.	55,102	Aug. 7	123	1982
Fertilizers.....	Virginia-Carolina Chemical Company.	55,103	Aug. 7	123	1982
Fertilizers.....	Virginia-Carolina Chemical Company.	55,104	Aug. 7	123	1982
Fertilizers.....	Virginia-Carolina Chemical Company.	55,105	Aug. 7	123	1982
Fertilizers.....	Virginia-Carolina Chemical Company.	55,124	Aug. 7	123	1982
Fertilizers.....	American Fertilizing Company ..	55,125	Aug. 7	123	1982
Fertilizers.....	Virginia-Carolina Chemical Company.	55,141	Aug. 7	123	1983
Fertilizers.....	Virginia-Carolina Chemical Company.	55,278	Aug. 14	123	2299
Fertilizers.....	Georgia Chemical Works.....	55,454	Aug. 14	123	2304
Fertilizers.....	Virginia-Carolina Chemical Company.	55,470	Aug. 14	123	2304
Fertilizers.....	Virginia-Carolina Chemical Company.	55,486	Aug. 14	123	2305
Fertilizers.....	Virginia-Carolina Chemical Company.	55,487	Aug. 14	123	2305
Fertilizers.....	Virginia-Carolina Chemical Company.	55,585	Aug. 14	123	2307
Fertilizers.....	Virginia-Carolina Chemical Company.	55,588	Aug. 14	123	2307
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.	55,709	Aug. 21	123	2614
Fertilizers.....	American Fertilizing Company...	55,915	Aug. 21	123	2619
Fertilizers.....	American Fertilizing Company...	55,916	Aug. 21	123	2619
Fertilizers.....	American Fertilizing Company...	55,917	Aug. 21	123	2619
Fertilizers.....	Birmingham Fertilizer Company.	55,921	Aug. 21	123	2619
Fertilizers.....	Georgia Chemical Works.....	55,927	Aug. 21	123	2619
Fertilizers.....	Virginia-Carolina Chemical Company.	56,093	Aug. 21	123	2624
Fertilizers.....	Virginia-Carolina Chemical Company.	56,094	Aug. 21	123	2624
Fertilizers.....	Virginia-Carolina Chemical Company.	56,095	Aug. 21	123	2624

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	56,198	Aug. 28	123	2971
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	56,362	Sept. 18	124	901
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	56,363	Sept. 18	124	901
Fertilizers.....	Navassa Guano Company of Wil- mington.	56,420	Sept. 25	124	1201
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	56,817	Oct. 23	124	2527
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,083	Oct. 30	124	2898
Fertilizers.....	Coweta Fertilizer Company.....	57,293	Nov. 13	125	653
Fertilizers.....	Coweta Fertilizer Company.....	57,294	Nov. 13	125	653
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,298	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,299	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,300	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,301	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,302	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,303	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,304	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,305	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,306	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,307	Nov. 13	125	654
Fertilizers.....	Coweta Fertilizer Company.....	57,310	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,315	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,316	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,317	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,318	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,319	Nov. 13	125	654
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,338	Nov. 13	125	655
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,373	Nov. 13	125	656
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,484	Nov. 13	125	659
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.	57,624	Nov. 20	125	987
Fertilizers.....	Rasin-Monumental Company of Anne Arundel County.	57,625	Nov. 20	125	987
Fertilizers.....	Georgia Chemical Works.....	57,832	Nov. 27	125	1344
Fertilizers.....	Virginia-Carolina Chemical Com- pany.	57,839	Nov. 27	125	1344
Fertilizers. Artificial.....	Spartanburg Fertilizer Co.....	49,877	Feb. 20	120	2436
Fertilizers. Artificial.....	Cloverline Fertilizer Co.....	54,466	June 26	122	2996
Fever cures.....	Pamaline Malarial Remedy Com- pany.	54,118	June 19	122	2682
Fiber. Chemical composition for preserving vegetable.....	H. E. Percival.....	58,086	Dec. 4	125	1694
Fiber sizing and finishing material. Textile.....	H. A. Metz & Co.....	53,750	June 12	122	2378
Fiber sizing and finishing material. Textile.....	H. A. Metz & Co.....	53,751	June 12	122	2378
Fiber ware. Indurated.....	United Indurated Fibre Co. of New Jersey.	54,688	June 26	122	3005
Fiber ware. Indurated.....	United Indurated Fibre Co. of New Jersey.	54,689	June 26	122	3005
Figs. Dried.....	Protopazzi Brothers.....	54,580	June 26	122	3001
File. Corn.....	B. Frink.....	50,644	Mar. 27	121	1337
Files.....	Carver File Company.....	49,706	Feb. 13	120	2120
Files.....	Vautier Frères.....	50,920	Apr. 3	121	1661
Files and rasps.....	Kearney & Foot Company.....	49,382	Feb. 6	120	1813
Files and rasps.....	Nicholson File Company.....	49,411	Feb. 6	120	1814
Files and rasps.....	Nicholson File Company.....	49,412	Feb. 6	120	1814
Files and rasps.....	Arcade File Works.....	49,460	Feb. 6	120	1816
Files and rasps.....	Arcade File Works.....	49,461	Feb. 6	120	1816
Files and rasps.....	G. & H. Barnett Company.....	49,472	Feb. 6	120	1817
Files and rasps.....	Kearney & Foot Company.....	49,476	Feb. 6	120	1817
Files and rasps.....	Nicholson File Company.....	49,666	Feb. 13	120	2119
Files and rasps.....	Carver File Company.....	50,089	Mar. 6	121	326
Files and rasps.....	Nicholson File Company.....	50,135	Mar. 6	121	328
Files and rasps.....	Nicholson File Company.....	50,136	Mar. 6	121	328
Files and rasps.....	Carver File Company.....	50,538	Mar. 20	121	1007
Files and rasps.....	Simmons Hardware Company.....	53,711	June 12	122	2377
Files and rasps.....	Carver File Company.....	54,129	June 19	122	2682
Files and rasps.....	G. & H. Barnett Company.....	54,872	July 31	123	1659
Files and rasps.....	G. & H. Barnett Company.....	54,873	July 31	123	1659
Files and rasps.....	Arcade File Works.....	56,301	Sept. 11	124	619
Files and rasps.....	Hibbard, Spencer, Bartlett & Company.	57,455	Nov. 13	125	658
Files and rasps and handles and holders therefor.....	Nicholson File Company.....	50,880	Apr. 3	121	1660
Files and rasps and handles and holders therefor.....	Nicholson File Company.....	50,881	Apr. 3	121	1660
Files and rasps and handles and holders therefor.....	Nicholson File Company.....	50,882	Apr. 3	121	1660
Files and rasps and handles and holders therefor.....	Nicholson File Company.....	50,883	Apr. 3	121	1660

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Files and rasps and handles and holders therefor	Nicholson File Company	50,905	Apr. 3	121	1661
Files and rasps and handles and holders therefor	Nicholson File Company	50,906	Apr. 3	121	1661
Files and rasps and holders and handles therefor	Nicholson File Company	49,410	Feb. 6	120	1814
Files and saws	F. W. Gesswein Company	57,451	Nov. 13	125	658
Files, gouges, chisels, plane-irons, and adzes	C. F. Butcher	58,634	Dec. 18	125	2358
Files, rasps, and handles and holders therefor	Nicholson File Company	50,137	Mar. 6	121	328
Filing and gumming gin-saws. Machine for	A. A. Wood & Sons Company	55,555	Aug. 14	123	2306
Filing letters, papers, documents, &c. Wooden cabinets for	Amberg File & Index Co.	58,333	Dec. 11	125	2041
Filter-presses	Niles Tool Works Co.	55,986	Aug. 21	123	2621
Filters	Burt Manufacturing Company	57,394	Nov. 13	125	656
Filtering apparatus and filter-cylinders	Berkefeld-Filter Gesellschaft G. m. b. H.	50,921	Apr. 3	121	1661
Finger-nail polish	Dr. J. Parker Pray Company	54,273	June 26	122	2988
Fire-alarm and police signal telegraphing. Apparatus for	Gamewell Fire-Alarm Telegraph Company	55,117	Aug. 7	123	1982
Fire and acid proof composition	Ransom & Randolph Co.	53,640	June 5	122	2058
Fire-engines	International Power Company	50,816	Apr. 3	121	1657
Fire-extinguisher in powdered form	Nevermyss Fire Extinguisher Company	52,788	May 15	122	1040
Fire-extinguishers	American-La France Fire Engine Co.	53,839	June 12	122	2382
Fire-extinguishers. Chemical	Graaff & Co. G. m. b. H.	51,645	Apr. 17	121	2321
Fire-extinguishing apparatus. Automatic	International Sprinkler Co.	50,274	Mar. 6	121	333
Fire-extinguishing chemical. Portable tanks for containing a	H. H. Charles	55,971	Aug. 21	123	2621
Fire-hose. Unlined linen	C. Nuhring	55,402	Aug. 14	123	2302
Fire-kindler. Chemical	T. D. Bauscher	56,436	Sept. 25	124	1202
Fire-kindling material	Nashville Chemical Co.	56,541	Oct. 2	124	1518
Fireproof compositions or compounds	Blenio Fireproofing Co.	55,557	Aug. 14	123	2307
Fireproof insulation for floors and walls	Magne-Silica Company	55,930	Aug. 21	123	2620
Fireproof starch	Price Fireproofing Company	52,735	May 15	122	1038
Fireproof starch	Price Fireproofing Company	53,229	May 29	122	1712
Fireproof starch	Price Fireproofing Company	58,417	Dec. 11	125	2043
Fireworks. Hand stick	E. H. Wagner	53,023	May 22	122	1390
Fireworks. Hand stick	E. H. Wagner	54,760	June 26	122	3008
Fireworks. Non-explosive fire and smoke emitting	E. H. Wagner	53,192	May 29	122	1711
Fireworks. Torpedo	E. H. Wagner	53,021	May 22	122	1390
Fireworks. Torpedo	E. H. Wagner	53,022	May 22	122	1390
Fireworks. Torpedo	E. H. Wagner	53,024	May 22	122	1391
Fireworks. Torpedo	E. H. Wagner	53,993	June 19	122	2677
Fireworks. Torpedo	E. H. Wagner	54,347	June 26	122	2991
Fish. Cured	G. H. Perkins	53,256	May 29	122	1713
Fish. Cured	G. H. Perkins	53,257	May 29	122	1713
Fish. Cured	G. H. Perkins	53,444	June 5	122	2050
Fish. Cured	Cunningham & Thompson	55,735	Aug. 21	123	2614
Fish. Cured	Cunningham & Thompson	55,736	Aug. 21	123	2614
Fish. (dried, smoked, or salted.) Cured	G. H. Perkins	51,874	Apr. 24	121	2657
Fish. Dried, smoked, pickled, and canned	W. T. Shute	50,390	Mar. 13	121	683
Fish. Dried, smoked, pickled, salted, and canned	W. T. Shute	49,058	Jan. 23	120	1157
Fish. Dried, smoked, pickled, salted, and canned	W. T. Shute	49,059	Jan. 23	120	1157
Fish. Dried, smoked, pickled, salted, and canned	W. T. Shute	49,060	Jan. 23	120	1157
Fish. Dried, smoked, pickled, salted, and canned	W. T. Shute	50,247	Mar. 6	121	332
Fish. Dry, pickled, and canned	Reed and Gamage	48,718	Jan. 9	120	651
Fish, except canned lobsters, mackerel, clams, clam-chowder, and salmon. Salted, smoked, fresh, and canned	Reed and Gamage	55,988	Aug. 21	123	2621
Fish-hooks	Henry Milward & Sons	52,485	May 8	122	722
Fish-hooks, artificial flies and baits	Henry Milward & Sons	53,549	June 5	122	2054
Fish. Salted and boneless	J. W. Beardsley's Sons	52,144	May 1	122	344
Fish. Salted and boneless	J. W. Beardsley's Sons	54,554	June 26	122	3000
Fish. Salted and boneless cod-	J. W. Beardsley's Sons	52,145	May 1	122	344
Fish. (smoked, dried, or salted.) Cured	G. H. Perkins	51,771	Apr. 24	121	2653
Fish. (smoked, dried, or salted.) Cured	G. H. Perkins	51,772	Apr. 24	121	2653
Fish. (smoked, dried, or salted.) Cured	G. H. Perkins	51,773	Apr. 24	121	2653
Fish. (smoked, dried, or salted.) Cured	G. H. Perkins	55,272	Aug. 14	123	2299
Fish. (smoked, dried, or salted.) Cured	G. H. Perkins	55,879	Aug. 21	123	2618
Fish-savory. Compounded	Farquhar, North & Co.	58,144	Dec. 4	125	1696
Fishing-lines	T. J. Conroy	56,917	Oct. 23	124	2529
Fishing-lines and gut and gut lines	Henry Milward & Sons	55,480	Aug. 14	123	2304
Fishing-rods	Horton Manufacturing Company	52,756	May 15	122	1039
Fishing-rods	Hibbard, Spencer, Bartlett & Company	55,038	Aug. 7	123	1980
Fishing-rods	Hibbard, Spencer, Bartlett & Company	55,874	Aug. 21	123	2618
Fishing-rods. Steel	Horton Mfg. Co.	50,916	Apr. 3	121	1661
Fishing supplies. Certain named	H. Milward & Sons	57,707	Nov. 27	125	1340
Fishing-tackle. Certain	Henry Milward & Sons	57,216	Nov. 6	125	344
Fishing-tackle. Certain	Supplee Hardware Company	57,236	Nov. 6	125	345
Fishing-tackle. Certain named	Edw. K. Tryon Company	57,141	Nov. 6	125	342
Fishing-tackle. Certain named	Supplee Hardware Company	57,173	Nov. 6	125	343
Fishing-tackle. Certain named	Henry Milward & Sons	58,309	Dec. 11	125	2041
Fishing-tackle. Certain named	Henry Milward & Sons	58,949	Dec. 25	125	2758
Fittings. Brass pipe	U. T. Hungerford Brass & Copper Co.	55,139	Aug. 7	123	1983
Flags	Hoffman-Corr Mfg. Co.	55,039	Aug. 7	123	1980
Flanges. Welded	Ball & Wood Co.	56,267	Sept. 4	124	314
Flannel cloth	C. Smith	57,477	Nov. 13	125	659
Flash-light compounds	H. Pfabe	52,216	May 1	122	347
Flat-iron polishing-pad	Greeder Manufacturing Company	52,678	May 15	122	1036
Flavoring extracts	Crescent Manufacturing Co.	48,449	Jan. 2	120	315
Flavoring extracts	Jordan Stabler Co.	50,238	Mar. 6	121	332
Flavoring extracts	Joseph Burnett Co.	50,469	Mar. 20	121	1004
Flavoring extracts	Lion Extract Co.	51,327	Apr. 10	121	1973
Flavoring extracts	Schwabacher Bros. & Co.	51,809	Apr. 24	121	2654
Flavoring extracts	Sprague, Warner & Company	52,112	May 1	122	343
Flavoring extracts	Francis H. Leggett & Company	52,517	May 8	122	723
Flavoring extracts	Ullmann Dreifus & Co.	52,541	May 8	122	724
Flavoring extracts	Royal Baking Powder Company	53,209	May 29	122	1711

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Flavoring extracts.	Wittemann Bros.	53,767	June 12	122	2379
Flavoring extracts.	Wittemann Bros.	53,768	June 12	122	2379
Flavoring extracts.	Wittemann Bros.	53,769	June 12	122	2379
Flavoring extracts.	Wittemann Bros.	53,770	June 12	122	2379
Flavoring extracts.	E. R. Durkee & Co.	53,780	June 12	122	2380
Flavoring extracts.	Oklahoma Wholesale Grocer Co.	54,625	June 26	122	3003
Flavoring extracts.	Griggs, Cooper & Company	56,351	Sept. 18	124	901
Flavoring extracts.	Dr. Chase Chemical Co.	57,582	Nov. 13	125	661
Flavoring extracts.	Footo & Jenks	58,129	Dec. 4	125	1695
Flavoring extracts.	Holden Drug Co.	58,645	Dec. 18	125	2358
Flavoring extracts.	Mercantile Supply Company	58,651	Dec. 18	125	2358
Flavoring extracts.	A. Schilling & Co.	58,665	Dec. 18	125	2359
Flavoring extracts.	Royal Remedy & Extract Com- pany.	58,843	Dec. 25	125	2755
Flavoring extracts.	Royal Remedy & Extract Com- pany.	58,844	Dec. 25	125	2755
Flavoring extracts.	Royal Remedy & Extract Com- pany.	58,845	Dec. 25	125	2755
Flavoring extracts.	Royal Remedy & Extract Com- pany.	58,846	Dec. 25	125	2755
Flavoring extracts.	Royal Remedy & Extract Com- pany.	58,847	Dec. 25	125	2755
Flavoring extracts.	Colgate & Co.	58,879	Dec. 25	125	2756
Flavoring extracts and preparations.	Baker Extract Company	51,116	Apr. 3	121	1670
Flavoring extracts. Soluble.	Standard Bottling & Extract Co.	54,950	Aug. 7	123	1978
Flavoring-syrup for beverages.	J. B. Daniel	50,928	Apr. 3	121	1662
Flavoring-syrup for soda-water.	J. M. Bedford	57,992	Dec. 4	125	1692
Floor filler and surfacer.	F. A. Crandall	55,495	Aug. 14	123	2305
Flooring.	Dwight Lumber Company	58,252	Dec. 11	125	2039
Flour.	Sweet Springs Milling Company.	51,063	Apr. 3	121	1667
Flour. Buckwheat and pancake.	Griggs, Cooper & Company	56,134	Aug. 28	123	2969
Flour in sacks or barrels. Wheat.	J. F. Edgeworth	56,037	Aug. 21	123	2622
Flour. Mixed winter and spring wheat.	J. Charles	48,983	Jan. 16	120	898
Flour. Pancake.	Nave-McCord Mercantile Com- pany.	58,196	Dec. 11	125	2038
Flour. Patent-process wheat.	W. M. Galt & Co.	58,185	Dec. 11	125	2037
Flour. potato-starch, and dextrin. Potato.	Norddeutsche Kartoffelmehl- Fabrik mit Beschränkter Haf- tung.	49,911	Feb. 20	120	2437
Flour. Rye.	Boutwell Milling & Grain Co.	48,668	Jan. 9	120	649
Flour. Rye.	Boutwell Milling & Grain Co.	50,294	Mar. 6	121	334
Flour. Self-raising.	H.-O. (Hornby's Oatmeal) Com- pany.	55,818	Aug. 21	123	2617
Flour. Self-raising or pancake.	Topeka Milling Company.	49,359	Jan. 30	120	1474
Flour. Self-raising prepared.	Reliable Flour Company	56,083	Aug. 21	123	2624
Flour. Self-raising prepared buckwheat.	F. C. Williams	49,928	Feb. 20	120	2438
Flour. Self-rising.	Davis Milling Comp.	51,056	Apr. 3	121	1667
Flour. Self-rising.	Sleepy Eye Milling Company	52,540	May 8	122	724
Flour. Self-rising.	E. G. Richards	54,388	June 26	122	2993
Flour. Self-rising.	Topeka Milling Company	58,166	Dec. 11	125	2037
Flour. Wheat.	Northwestern Consolidated Mill- ing Company.	48,462	Jan. 2	120	315
Flour. Wheat.	Northwestern Consolidated Mill- ing Company.	48,464	Jan. 2	120	315
Flour. Wheat.	G. A. Zabriskie	48,469	Jan. 2	120	316
Flour. Wheat.	Sands, Taylor & Wood Com- pany.	48,667	Jan. 9	120	649
Flour. Wheat.	J. McAleer & Sons	48,713	Jan. 9	120	650
Flour. Wheat.	Acme Milling Company.	48,975	Jan. 16	120	898
Flour. Wheat.	Hezel Milling Company.	48,992	Jan. 16	120	899
Flour. Wheat.	Pillsbury-Washburn Flour Mills Company.	49,005	Jan. 16	120	899
Flour. Wheat.	Threefoot Bros. & Co.	49,009	Jan. 16	120	899
Flour. Wheat.	Hezel Milling Company	49,276	Jan. 30	120	1471
Flour. Wheat.	S. Hamill Company	49,350	Jan. 30	120	1474
Flour. Wheat.	Listman Mill Company.	49,529	Feb. 6	120	1819
Flour. Wheat.	Mapleton Milling Company.	49,531	Feb. 6	120	1819
Flour. Wheat.	Pittsburgh Milling Co.	49,912	Feb. 20	120	2438
Flour. Wheat.	Threefoot Bros. & Co.	49,923	Feb. 20	120	2438
Flour. Wheat.	J. B. Camors & Co.	50,046	Feb. 27	120	2749
Flour. Wheat.	Model Milling & Elevator Com- pany.	50,303	Mar. 6	121	334
Flour. Wheat.	Purcell Mill & Elevator Company.	50,304	Mar. 6	121	334
Flour. Wheat.	Thornton & Chester Milling Co.	50,305	Mar. 6	121	334
Flour. Wheat.	Wm. A. Coombs Milling Com- pany.	50,322	Mar. 6	121	335
Flour. Wheat.	Pittsburgh Milling Co.	50,476	Mar. 20	121	1004
Flour. Wheat.	Burrus Mill & Elevator Company.	50,479	Mar. 20	121	1004
Flour. Wheat.	Coles Company	50,480	Mar. 20	121	1004
Flour. Wheat.	Bay State Milling Company	50,604	Mar. 27	121	1336
Flour. Wheat.	Gwinn Bros. & Co.	50,613	Mar. 27	121	1336
Flour. Wheat.	Pillsbury-Washburn Flour Mills Company.	50,622	Mar. 27	121	1336
Flour. Wheat.	Sweet Springs Milling Company	50,630	Mar. 27	121	1337
Flour. Wheat.	Pillsbury-Washburn Flour Mills Company.	50,687	Mar. 27	121	1339
Flour. Wheat.	Pillsbury-Washburn Flour Mills Company.	50,802	Mar. 27	121	1344
Flour. Wheat.	New London Milling Company	51,036	Apr. 3	121	1666
Flour. Wheat.	Central Kansas Milling Company.	51,055	Apr. 3	121	1667
Flour. Wheat.	Sweet Springs Milling Company.	51,064	Apr. 3	121	1668
Flour. Wheat.	Kenneweg Company	51,162	Apr. 3	121	1672
Flour. Wheat.	Silverson Milling Co.	51,364	Apr. 10	121	1972
Flour. Wheat.	O. W. Peirce Company	51,329	Apr. 10	121	1973
Flour. Wheat.	Haynes Milling Company	51,467	Apr. 17	121	2315
Flour. Wheat.	McCloskey Brothers	51,472	Apr. 17	121	2315

Alphabetical list of trade-marks—Continued.

Title.		Name.	No.	Date.	Vol.	Official Gazette.
					Page.	
Flour.	Wheat	Pillsbury-Washburn Flour Mills Company.	51,480	Apr. 17	121	2315
Flour.	Wheat	Sheffield-King Milling Co.	51,482	Apr. 17	121	2315
Flour.	Wheat	C. King & Son.	51,498	Apr. 17	121	2316
Flour.	Wheat	Wells Abbott Nieman Company.	51,757	Apr. 24	121	2652
Flour.	Wheat	John F. Meyer & Sons Milling Co.	51,794	Apr. 24	121	2653
Flour.	Wheat	John F. Meyer & Sons Milling Co.	51,795	Apr. 24	121	2654
Flour.	Wheat	Alva Roller Mills.	51,859	Apr. 24	121	2656
Flour.	Wheat	Egerton Bros.	51,964	May 1	122	337
Flour.	Wheat	P. Daussa & Co.	51,985	May 1	122	338
Flour.	Wheat	Sheffield-King Milling Co.	52,045	May 1	122	340
Flour.	Wheat	Goodlander Milling Company.	52,139	May 1	122	344
Flour.	Wheat	Lawrenceburg Roller Mills Company.	52,151	May 1	122	344
Flour.	Wheat	Lawrenceburg Roller Mills Company.	52,152	May 1	122	344
Flour.	Wheat	Waterloo Milling Company.	52,164	May 1	122	345
Flour.	Wheat	Collin County Mill & Elevator Company.	52,194	May 1	122	346
Flour.	Wheat	R. U. Kevil & Sons.	52,488	May 8	122	722
Flour.	Wheat	Alliance Milling Company.	52,525	May 8	122	724
Flour.	Wheat	Ledeboer & Van Der Held.	52,534	May 8	122	724
Flour.	Wheat	Liberty Mills.	52,535	May 8	122	724
Flour.	Wheat	Liberty Mills.	52,536	May 8	122	744
Flour.	Wheat	Liberty Mills.	52,537	May 8	122	724
Flour.	Wheat	Missouri Valley Milling Company.	52,539	May 8	122	724
Flour.	Wheat	Ansted & Burk Company.	52,672	May 15	122	1035
Flour.	Wheat	Sweet Springs Milling Company.	52,688	May 15	122	1036
Flour.	Wheat	Barrett, Denton & Lynn Company.	52,692	May 15	122	1036
Flour.	Wheat	Barrett, Denton & Lynn Company.	52,693	May 15	122	1036
Flour.	Wheat	Isaac Harter Milling Company.	52,698	May 15	122	1036
Flour.	Wheat	Sweet Springs Milling Company.	52,741	May 15	122	1038
Flour.	Wheat	Washburn-Crosby Company.	52,748	May 15	122	1038
Flour.	Wheat	G. T. Evans & Son.	52,774	May 15	122	1040
Flour.	Wheat	Barrett, Denton & Lynn Company.	52,804	May 15	122	1041
Flour.	Wheat	Sleepy Eye Milling Company.	52,819	May 15	122	1041
Flour.	Wheat	Cordell Gin & Milling Company.	52,882	May 22	122	1385
Flour.	Wheat	Ellendale Milling Company.	52,883	May 22	122	1385
Flour.	Wheat	Geary Milling & Elevator Company.	52,951	May 22	122	1388
Flour.	Wheat	Highland Milling Company.	52,954	May 22	122	1388
Flour.	Wheat	Ballard & Ballard Co.	52,969	May 22	122	1388
Flour.	Wheat	Ballard & Ballard Co.	52,970	May 22	122	1388
Flour.	Wheat	Security Milling Company.	52,986	May 22	122	1389
Flour.	Wheat	J. B. Camors & Co.	53,093	May 29	122	1707
Flour.	Wheat	Sleepy Eye Milling Company.	53,107	May 29	122	1707
Flour.	Wheat	Missouri Valley Milling Company.	53,128	May 29	122	1708
Flour.	Wheat	Bay State Milling Company.	53,160	May 29	122	1709
Flour.	Wheat	G. T. Evans & Son.	53,169	May 29	122	1710
Flour.	Wheat	Seneca Mill & Elevator Company.	53,186	May 29	122	1710
Flour.	Wheat	Missouri Valley Milling Company.	53,208	May 29	122	1711
Flour.	Wheat	Lawrenceburg Roller Mills Company.	53,439	June 5	122	2049
Flour.	Wheat	Marsh & Riley.	53,440	June 5	122	2050
Flour.	Wheat	J. H. Heisel.	53,630	June 5	122	2057
Flour.	Wheat	Collin County Mill & Elevator Company.	53,778	June 12	122	2379
Flour.	Wheat	Seneca Mill & Elevator Company.	53,939	June 12	122	2386
Flour.	Wheat	Sweet Springs Milling Company.	54,184	June 19	122	2684
Flour.	Wheat	Golden Eagle Tea Co.	54,203	June 19	122	2685
Flour.	Wheat	Randolph Milling Company.	54,210	June 19	122	2685
Flour.	Wheat	Mohns-Frese Commercial Company.	54,381	June 26	122	2993
Flour.	Wheat	Monarch Milling Co.	54,382	June 26	122	2993
Flour.	Wheat	Rea-Patterson Milling Company.	54,386	June 26	122	2993
Flour.	Wheat	Rea-Patterson Milling Company.	54,387	June 26	122	2993
Flour.	Wheat	Topeka Milling Company.	54,396	June 26	122	2993
Flour.	Wheat	Falk Mercantile Co.	54,404	June 26	122	2993
Flour.	Wheat	Lawrenceburg Roller Mills Company.	54,470	June 26	122	2997
Flour.	Wheat	New London Milling Company.	54,502	June 26	122	2998
Flour.	Wheat	Northwestern Consolidated Milling Co.	54,503	June 26	122	2998
Flour.	Wheat	John F. Meyer & Sons Milling Co.	54,516	June 26	122	2998
Flour.	Wheat	F. S. & F. D. Larabee.	54,921	Aug. 7	123	1977
Flour.	Wheat	D. and A. Luckenbach.	55,182	Aug. 7	123	1984
Flour.	Wheat	F. F. Roby.	55,187	Aug. 7	123	1984
Flour.	Wheat	St. Mary's Mill Company.	55,191	Aug. 7	123	1984
Flour.	Wheat	Aurora Milling Company.	55,196	Aug. 7	123	1984
Flour.	Wheat	H. T. Lawler Milling & Trading Co.	55,207	Aug. 7	123	1985
Flour.	Wheat	Liberty Mills.	55,211	Aug. 7	123	1985
Flour.	Wheat	Mountain City Mill Co.	55,212	Aug. 7	123	1985
Flour.	Wheat	Saginaw Milling Company.	55,220	Aug. 7	123	1985
Flour.	Wheat	Wichita Mill & Elevator Company.	55,226	Aug. 7	123	1985
Flour.	Wheat	Wilmar Milling Company.	55,228	Aug. 7	123	1985
Flour.	Wheat	H. T. Lawler Milling & Trading Co.	55,242	Aug. 7	123	1985
Flour.	Wheat	Farwell & Rhines.	55,264	Aug. 14	123	2299
Flour.	Wheat	New London Milling Company.	55,296	Aug. 14	123	2300
Flour.	Wheat	Semler Milling Company.	55,621	Aug. 21	123	2612
Flour.	Wheat	St. Mary's Mill Company.	55,624	Aug. 21	123	2612
Flour.	Wheat	Tennant & Hoyt.	55,626	Aug. 21	123	2612

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Flour. Wheat.....	Aetna Mill & Elevator Company.	55,655	Aug. 21	123	2612
Flour. Wheat.....	C. L. Anderson.....	55,657	Aug. 21	123	2612
Flour. Wheat.....	Hawkeye Flour Company.....	55,683	Aug. 21	123	2613
Flour. Wheat.....	John A. Cole Milling Company.....	55,686	Aug. 21	123	2613
Flour. Wheat.....	Lidgerwood Mill Company.....	55,694	Aug. 21	123	2613
Flour. Wheat.....	Phoenix Flour Mill.....	55,706	Aug. 21	123	2614
Flour. Wheat.....	Sitley & Son.....	55,718	Aug. 21	123	2614
Flour. Wheat.....	Phoenix Milling Co.....	55,779	Aug. 21	123	2616
Flour. Wheat.....	Saginaw Milling Company.....	55,782	Aug. 21	123	2616
Flour. Wheat.....	Burrus Mill & Elevator Company.....	55,938	Aug. 21	123	2620
Flour. Wheat.....	B. Stern & Sons.....	55,957	Aug. 21	123	2620
Flour. Wheat.....	F. J. Coyle.....	56,032	Aug. 21	123	2622
Flour. Wheat.....	Topeka Milling Company.....	56,188	Aug. 28	123	2971
Flour. Wheat.....	Pittsburgh Milling Co.....	56,290	Sept. 4	124	315
Flour. Wheat.....	Northwestern Consolidated Milling Company.	56,463	Sept. 25	124	1202
Flour. Wheat.....	Windsor Milling & Elevator Company.	56,478	Sept. 25	124	1203
Flour. Wheat.....	Zenith Milling Company.....	56,510	Oct. 2	124	1517
Flour. Wheat.....	Barber Milling Company.....	56,511	Oct. 2	124	1517
Flour. Wheat.....	Bulsing & Heslenfeld.....	56,603	Oct. 9	124	1838
Flour. Wheat.....	Barber Milling Company.....	56,676	Oct. 16	124	2172
Flour. Wheat.....	Farwell & Rhines.....	56,716	Oct. 16	124	2173
Flour. Wheat.....	H. T. Lawler Milling and Trading Co.	56,719	Oct. 16	124	2173
Flour. Wheat.....	Dorsel Company.....	56,824	Oct. 23	124	2527
Flour. Wheat.....	New Century Milling Company.....	56,830	Oct. 23	124	2527
Flour. Wheat.....	John A. Cole Milling Company.....	56,843	Oct. 23	124	2528
Flour. Wheat.....	Central Kansas Milling Company.....	56,866	Oct. 23	124	2528
Flour. Wheat.....	Claro Milling Company.....	56,953	Oct. 30	124	2895
Flour. Wheat.....	Claro Milling Company.....	56,954	Oct. 30	124	2895
Flour. Wheat.....	Sheffield Mill & Elevator Company.	56,971	Oct. 30	124	2895
Flour. Wheat.....	C. H. Leonard.....	57,097	Nov. 6	125	341
Flour. Wheat.....	New Era Milling Company.....	57,225	Nov. 6	125	344
Flour. Wheat.....	Barber Milling Company.....	57,576	Nov. 13	125	661
Flour. Wheat.....	Bulsing & Heslenfeld.....	57,578	Nov. 13	125	661
Flour. Wheat.....	John F. Meyer & Sons Milling Co.	57,596	Nov. 13	125	662
Flour. Wheat.....	Longmont Farmers Milling & Elevator Co.	57,598	Nov. 13	125	662
Flour. Wheat.....	Semler Milling Company.....	57,611	Nov. 13	125	662
Flour. Wheat.....	W. J. Jennison Company.....	57,615	Nov. 13	125	662
Flour. Wheat.....	Duluth-Superior Milling Co.....	57,673	Nov. 27	125	1340
Flour. Wheat.....	Mapleton Milling Company.....	57,679	Nov. 27	125	1340
Flour. Wheat.....	Waco Mill & Elevator Company.....	57,685	Nov. 27	125	1340
Flour. Wheat.....	A. H. Herrick & Son.....	57,687	Nov. 27	125	1340
Flour. Wheat.....	Bulsing & Heslenfeld.....	57,696	Nov. 27	125	1340
Flour. Wheat.....	Kremlin Mill and Elevator Co.....	58,132	Dec. 4	125	1695
Flour. Wheat.....	Missouri Valley Milling Company.....	58,151	Dec. 4	125	1696
Flour. Wheat.....	Excelsior Mill Company.....	58,184	Dec. 11	125	2037
Flour. Wheat.....	Newton Milling & Elevator Company.	58,197	Dec. 11	125	2038
Flour. Wheat.....	Schultz, Baujan & Co.....	58,202	Dec. 11	125	2038
Flour. Wheat.....	Washington Water Power Company.	58,210	Dec. 11	125	2038
Flour. Wheat.....	Washington Water Power Company.	58,211	Dec. 11	125	2038
Flour. Wheat.....	Jennison Bros. and Company.....	58,220	Dec. 11	125	2038
Flour. Wheat.....	Newton Milling & Elevator Company.	58,410	Dec. 11	125	2043
Flour. Wheat.....	Newton Milling & Elevator Company.	58,411	Dec. 11	125	2043
Flour. Wheat.....	Cherokee Mill & Elevator Company.	58,552	Dec. 18	125	2356
Flour. Wheat.....	Liberty Mills.....	58,560	Dec. 18	125	2356
Flour. Wheat.....	Hardesty-Williams Milling Co.....	58,583	Dec. 18	125	2357
Flour. Wheat.....	Kinball Flour Co.....	58,594	Dec. 18	125	2357
Flour. Wheat.....	Wm. Lindeke Roller Mills.....	58,671	Dec. 18	125	2359
Flour. Wheat.....	C. H. Guenther & Son.....	58,851	Dec. 25	125	2755
Flour. Wheat.....	Shane Brothers Co.....	58,870	Dec. 25	125	2756
Flour. Wheat.....	Shane Brothers Co.....	58,871	Dec. 25	125	2756
Flour. Wheat.....	W. J. Jennison Company.....	58,874	Dec. 25	125	2756
Flour. Wheat.....	W. J. Jennison Company.....	58,875	Dec. 25	125	2756
Flour. Wheat.....	Durst Milling Company.....	58,882	Dec. 25	125	2756
Flour. Wheat.....	Kelley & Lysle Milling Company.....	58,981	Dec. 25	125	2759
Flour. Wheat.....	J. R. Soden.....	58,991	Dec. 25	125	2759
Flour. Wheat.....	Liberty Mills.....	59,003	Dec. 25	125	2760
Flour. Wheat, Graham, and rye.....	Diamond Elevator & Milling Company.	51,384	Apr. 17	121	2311
Flour. Winter-wheat.....	Standard Milling Co.....	56,836	Oct. 23	124	2527
Flours and meals.....	American Cereal Company.....	54,635	June 26	122	3003
Flours. Certain named.....	Sprague, Warner & Company.....	57,130	Nov. 6	125	342
Fluid-meters.....	Hersey Manufacturing Company.....	54,749	June 26	122	3008
Flushing devices for lavatories, water-closets, &c.....	Kenney Manufacturing Company.....	57,752	Nov. 27	125	1342
Fly-paper and sticky preparation. Sticky.....	O. & W. Thum Company.....	57,566	Nov. 13	125	661
Fly-paper. Sticky.....	Midget Fly Plate Company.....	50,999	Apr. 3	121	1665
Fly-paper. Sticky.....	O. & W. Thum Company.....	57,537	Nov. 13	125	660
Fly-paper. Sticky.....	O. & W. Thum Company.....	57,567	Nov. 13	125	661
Food. Albumen preparations for.....	Athen & Mende.....	53,475	June 5	122	2051
Food and farina made from wheat. Breakfast.....	Sleepy Eye Milling Company.....	52,493	May 8	122	722
Food and farina made from wheat. Breakfast.....	Sleepy Eye Milling Company.....	54,881	July 31	123	1660
Food and medicine for poultry.....	Dr. Hess & Clark.....	51,558	Apr. 17	121	2318
Food and medicine for live stock and poultry.....	Herb Medicine Company.....	49,498	Feb. 6	120	1818
Food and meat choppers.....	Hibbard, Spencer, Bartlett & Company.	53,681	June 12	122	2376
Food and tonic. Reconstructive.....	Norwich Pharmacal Company.....	53,353	May 29	122	1717

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Vol.	Official Gazette.
Food. Bird-.....	Aschenbach & Miller.....	51,115	Apr. 3	121	1670
Food. Blood, nerve, and brain.....	M. H. Grosman.....	50,231	Mar. 6	121	331
Food. Cattle-.....	Dock & Coal Co.....	53,746	June 12	122	2378
Food-choppers. Rotary.....	Landers, Frary and Clark.....	56,848	Oct. 23	124	2528
Food-chopping machines.....	Colebrookdale Iron Company.....	56,553	Oct. 9	124	1837
Food drinks produced from a cereal. Non-alcoholic.....	Postum Cereal Co.....	52,560	May 15	122	1031
Food. Farinaceous.....	Benger's Food.....	56,599	Oct. 9	124	1838
Food for animals and poultry. Prepared.....	C. P. Kertell.....	53,755	June 12	122	2379
Food for animals. Aromatic.....	H. M. Griffin.....	53,484	June 5	122	2051
Food for babies and invalids.....	T. J. Ball.....	53,772	June 12	122	2379
Food for birds and fowls. Seeds and prepared mixtures of seeds for.....	E. R. Durkee & Co.....	48,985	Jan. 16	120	899
Food for cats and kittens.....	W. W. French.....	52,776	May 15	122	1040
Food for horses and cattle. Molasses.....	E. P. Mueller.....	52,156	May 1	122	345
Food for horses, cattle, sheep, and hogs. Medicated.....	United States Food Co.....	50,401	Mar. 13	121	684
Food for infants and invalids. Prepared.....	Taro Food Co.....	53,799	June 12	122	2380
Food for infants and invalids. Prepared.....	Wells & Richardson Company.....	54,587	June 26	122	3001
Food for infants and invalids. Prepared.....	Wells & Richardson Company.....	54,588	June 26	122	3001
Food for infants and invalids. Prepared.....	Sunbrights California Food Co.....	49,685	Feb. 13	120	2120
Food. Infants'.....	H. Taylor.....	54,395	June 26	122	2993
Food made from ground cereals. Diabetic flour.....	Farwell & Rhines.....	56,557	Oct. 9	124	1837
Food made from wheat. Breakfast.....	M. W. Savage.....	51,157	Apr. 3	121	1672
Food made from wheat. Breakfast.....	Cream of Wheat Co.....	55,812	Aug. 21	123	2616
Food made from wheat. Breakfast.....	Cream of Wheat Co.....	56,821	Oct. 23	124	2527
Food made from wheat. Breakfast.....	Cream of Wheat Co.....	56,822	Oct. 23	124	2527
Food. Medicinal and stock.....	Dr. Hess & Clark.....	53,247	May 29	122	1713
Food or tonic for horses, cattle, sheep, and hogs.....	Dr. Koch Vegetable Tea Co.....	58,405	Dec. 11	125	2043
Food. Poultry-.....	Albert Dickinson Company.....	50,054	Apr. 3	121	1667
Food. Poultry-.....	M. W. Savage.....	51,388	Apr. 17	121	2312
Food. Poultry-.....	M. W. Savage.....	53,012	May 22	122	1390
Food. Poultry-.....	S. K. Strickler.....	58,903	Dec. 25	125	2757
Food. Poultry and pigeon.....	Campbell, Morrell & Co.....	52,544	May 8	122	724
Food preparation of bone-marrow and malt.....	Virol, Limited.....	54,216	June 19	122	2685
Food. Prepared cereal.....	Emerald Manufacturing Co.....	52,532	May 8	122	724
Food. Prepared cereal.....	American Cereal Company.....	52,800	May 15	122	1041
Food. Prepared stock.....	Ideal Stock Food Co.....	55,823	Aug. 21	123	2617
Food products. Binders, fillers, absorbents, and thickeners used in.....	Preservaline Manufacturing Company.....	56,509	Oct. 2	124	1517
Food, rolled oats, and oatmeal. Breakfast.....	American Cereal Company.....	52,765	May 15	122	1039
Food. Stock.....	M. W. Savage.....	50,447	Mar. 20	121	1003
Food. Stock.....	Goyer Alliance Refining Company.....	51,466	Apr. 17	121	2315
Food. Stock.....	M. W. Savage.....	51,704	Apr. 24	121	2650
Food. Stock.....	M. W. Savage.....	52,791	May 15	122	1040
Food. Stock.....	Molassine Company.....	52,982	May 22	122	1389
Food. Stock.....	M. W. Savage.....	53,011	May 22	122	1390
Food. Stock.....	H-T Stock Food Company.....	55,821	Aug. 21	123	2617
Food. Stock.....	Molassine Company.....	55,827	Aug. 21	123	2617
Food substance. Prepared.....	Eglah Limited.....	55,171	Aug. 7	123	1984
Food substances. Prepared fatty, oleaginous, or unctuous.....	N. K. Fairbank Company.....	50,430	Mar. 13	121	685
Food substances. Prepared fatty, oleaginous, or unctuous.....	N. K. Fairbank Company.....	52,787	May 15	122	1040
Food substances. Prepared fatty, oleaginous, or unctuous.....	N. K. Fairbank Company.....	55,216	Aug. 7	123	1985
Food substances. Prepared fatty, oleaginous, or unctuous.....	N. K. Fairbank Company.....	58,985	Dec. 25	125	2759
Food. Wheat breakfast.....	Wheatena Company.....	53,025	May 22	122	1391
Food. Wheat breakfast.....	Pillsbury-Washburn Flour Mills Company.....	54,627	June 26	122	3003
Foods. Bird-.....	F. Kaempfer.....	58,891	Dec. 25	125	2757
Foods. Certain named.....	Schnull & Co.....	58,808	Dec. 25	125	2754
Foods. Certain named.....	Schnull & Co.....	58,809	Dec. 25	125	2754
Foods. Certain named.....	William W. Vaughan Company.....	58,906	Dec. 25	125	2757
Foods. Certain named cereal.....	American Cereal Company.....	54,541	June 26	122	2999
Foods. Certain named cereal.....	American Cereal Company.....	54,568	June 26	122	3000
Foods. Certain named cereal.....	Johnson Educator Food Co.....	57,092	Nov. 6	125	341
Foods. Certain named cereal.....	American Cereal Company.....	57,620	Nov. 13	125	662
Foods. Certain named cereal.....	H-O (Hornby's Oatmeal) Company.....	58,643	Dec. 18	125	2358
Foods for horses, cattle, swine, and other stock. Condimental.....	David E. Foutz Co.....	52,513	May 8	122	723
Foods for infants and invalids. Prepared.....	Wells & Richardson Company.....	58,904	Dec. 25	125	2757
Foods for live stock and other animals.....	F. H. Erb, Jr.....	52,533	May 8	122	724
Foods for live stock and poultry. Prepared.....	O. K. Stock Food Company.....	58,895	Dec. 25	125	2757
Foods. Infants'.....	A. Castaing.....	57,638	Nov. 27	125	1339
Foods made from oats. Cereal.....	American Cereal Company.....	53,907	June 12	122	2385
Foods made from oats. Cereal.....	American Cereal Company.....	53,908	June 12	122	2385
Foods made from oats. Cereal.....	American Cereal Company.....	53,909	June 12	122	2385
Foods made from oats. Cereal.....	American Cereal Company.....	53,910	June 12	122	2385
Foods made from oats. Cereal.....	American Cereal Company.....	54,155	June 19	122	2683
Foods made from oats. Cereal.....	American Cereal Company.....	54,401	June 26	122	2993
Foods. Poultry-.....	A. E. Tate.....	54,584	June 26	122	3001
Foods. Prepared cereal.....	American Cereal Company.....	50,059	Feb. 27	120	2750
Foods. Prepared cereal breakfast.....	Francis H. Leggett & Company.....	52,518	May 8	122	723
Foods. Prepared cereal breakfast.....	Hygienic Food Co.....	54,376	June 26	122	2992
Foods prepared from cereals. Breakfast.....	Postum Cereal Co.....	51,153	Apr. 3	121	1671
Foodstuff.....	Ewa Plantation Co.....	51,024	Apr. 3	121	1666
Forces. Bone-cutting.....	De Vilbiss Mfg. Co.....	56,006	Aug. 21	123	2622
Forges.....	Champion Blower & Forge Company.....	49,690	Feb. 13	120	2120
Forges, blowers, and twyer-irons.....	Patterson, Gottfried & Hunter.....	48,938	Jan. 16	120	897
Forging and forming machines. Metal.....	Ajax Manufacturing Company.....	49,879	Feb. 20	120	2436
Foundry-facings.....	United States Graphite Company.....	54,026	June 19	122	2678
Foundry-facings.....	F. B. Stevens.....	56,800	Oct. 16	124	2175
Foundry facings and blacking.....	J. S. McCormick Co.....	51,892	Apr. 24	121	2657
Foundry facings or blacking.....	J. S. McCormick Co.....	51,845	Apr. 24	121	2656
Fresco, calcimine, and wall-paper cleaner.....	Climax Cleaner Mfg. Co.....	50,092	Mar. 6	121	326
Fruit coloring.....	Griggs, Cooper & Company.....	56,211	Sept. 4	124	313
Fruit. Dried.....	Castle Brothers.....	56,283	Sept. 4	124	315
Fruit. Dried.....	Castle Brothers.....	56,284	Sept. 4	124	315
Fruit. Dried.....	Castle Brothers.....	56,285	Sept. 4	124	313

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Fruit-juices.	R. H. Neil.	55,217	Aug. 7	123	1985
Fruit-presses.	Henis Fruit Press Co.	48,926	Jan. 16	120	896
Fruits and pineapples. Citrus.	Paso Real Fruit Company.	51,731	Apr. 24	121	2651
Fruits and vegetables. Canned.	Caulk & McCreedy.	55,731	Aug. 21	123	2614
Fruits and vegetables. Canned.	Gulfoport Grocery Co.	55,749	Aug. 21	123	2615
Fruits and vegetables. Canned.	T. Kensett & Co.	55,929	Aug. 21	123	2620
Fruits and vegetables. Fresh.	Charles & Co.	54,933	Aug. 7	123	1977
Fruits and vegetables in tins or glass.	Wm. Numsen & Sons.	53,412	June 5	122	2048
Fruits. Certain named.	Southern Cross Fruit Co.	53,470	June 5	122	2051
Fruits. Certain named.	Southern Cross Fruit Co.	53,471	June 5	122	2051
Fruits. Dried.	Gennerich & Von Bremen.	52,200	May 1	122	346
Fruits. Dried.	Francis H. Leggett & Company.	52,480	May 8	122	722
Fruits. Dried.	S. C. Tooker & Co.	52,891	May 22	122	1385
Fruits. Dried.	L. Otzen & Co.	54,378	June 26	122	2993
Fruits. Dried.	G. Frank.	54,427	June 26	122	2995
Fruits. Dried and evaporated.	Griffin & Skelley Co.	48,987	Jan. 16	120	899
Fruits. Dried and evaporated.	Griffin & Skelley Co.	48,988	Jan. 16	120	899
Fruits. Dried and evaporated.	Griffin & Skelley Co.	48,989	Jan. 16	120	899
Fruits. Dried and evaporated.	Griffin & Skelley Co.	50,230	Mar. 6	121	331
Fruits. Dried and evaporated.	Griffin & Skelley Co.	53,749	June 12	122	2378
Fruits. Dried and evaporated.	W. D. Jameson.	58,890	Dec. 25	125	2756
Fruits. Fresh, canned, and preserved.	Tropic Fruit Company.	57,665	Nov. 27	125	1339
Fruits, nuts, olives, &c. Dried.	Arguinbau & Ramee.	58,574	Dec. 18	125	2356
Fruits or vegetables. Hermetically-sealed.	Aughinbaugh Canning Company.	54,864	July 31	123	1659
Fruits. Preserved.	Rheinstrom, Bettman, Johnson & Co.	58,662	Dec. 18	125	2359
Fruits, vegetables, jellies, fruit-butter, and fruit-jams. Canned.	Erie Preserving Company.	55,743	Aug. 21	123	2615
Fruits, vegetables preserves, and jellies in tins and glass.	National Grocer Company.	56,462	Sept. 25	124	1202
Fumigating, spraying, and bathing preparation.	Maxwell Manufacturing Co.	57,167	Nov. 6	125	343
Fungicide.	B. Hammond.	55,632	Aug. 21	123	2612
Fur garments.	A. Jacobson & Bro.	51,727	Apr. 24	121	2651
Furs. Dressed and dyed.	Atlantic Chemical Co.	52,031	May 1	122	340
Furs for wearing-apparel. Manufactured.	C. G. Gunther's Sons	50,144	Mar. 6	121	328
Furs in the piece and fur garments.	M. Bowsky.	52,946	May 22	122	1387
Furnaces.	Lennox Furnace Co.	51,799	Apr. 24	121	2654
Furnaces. Air-heating.	Graff Furnace Co.	58,485	Dec. 18	125	2354
Furnaces and boilers. Heating.	May and Fieberger.	52,273	May 8	122	713
Furnaces. Hot-air.	Monroe Foundry & Furnace Co.	52,667	May 15	122	1035
Furnaces. Hot-air heating.	Wise Furnace Co.	50,839	Apr. 3	121	1658
Furnaces. Steam and hot-water.	Charles Smith Company.	51,924	Apr. 24	121	2659
Furnaces, stoves, and ranges. Heating.	American Heater Manufacturing Company.	58,515	Dec. 18	125	2355
Furniture. Bent-wood.	Hess-Snyder Co.	58,228	Dec. 11	125	2039
Furniture. Certain named.	Thonet Brothers.	54,066	June 19	122	2679
Furniture. Certain named.	Oscar Onken Co.	52,276	May 8	122	713
Furniture. Certain named.	Moon Desk Company.	57,199	Nov. 6	125	344
Furniture consisting of chairs, tables, desks, taborets, divans, sofas, and bedsteads.	G. Stickley.	56,425	Sept. 25	124	1201
Furniture or cabinet polish.	J. M. Everhart.	57,885	Dec. 4	125	1680
Furniture-polish.	W. L. Conner.	55,372	Aug. 14	123	2302
Fuse for exploding gunpowder and other explosives. Safety-fuses.	Climax Fuse Co.	56,488	Oct. 2	124	1517
Fuses. Blasting.	Climax Fuse Co.	56,489	Oct. 2	124	1517
Gage glasses. Water.	Goodall, Perkins & Co.	53,597	June 5	122	2056
Gall cure.	S. & C. Bishop & Co.	58,235	Dec. 11	125	2039
Gall cure.	Dr. Hess & Clark.	51,559	Apr. 17	121	2318
Gall cure.	M. W. Savage.	56,150	Aug. 28	123	2970
Galvanized fastening devices.	Bickmore Gall Cure Company.	56,602	Oct. 9	124	1838
Galvanized household articles.	Keystone Nail Company.	49,864	Feb. 20	120	2436
Game.	Link Manufacturing Co.	53,809	June 12	122	2381
Game.	Milton Bradley Co.	55,459	Aug. 14	123	2304
Game.	Milton Bradley Co.	55,460	Aug. 14	123	2304
Game.	Children's Amusement Co.	55,477	Aug. 14	123	2304
Game.	C. W. Wilson Co.	55,528	Aug. 14	123	2306
Game.	Exer Ketch Novelty Co.	58,705	Dec. 25	125	2752
Game-boards.	Carrom-Archarena Co.	49,996	Feb. 27	120	2747
Game-boards.	L. Hudgin.	50,813	Apr. 3	121	1657
Game apparatus.	Home Game Co.	55,499	Aug. 14	123	2305
Game apparatus and implements. Certain named.	Bridgeport Athletic Manufacturing Co.	57,727	Nov. 27	125	1341
Game apparatus and implements. Certain named.	Bridgeport Athletic Manufacturing Co.	57,728	Nov. 27	125	1341
Game apparatus. Replay card.	Duplicate Whist Company.	55,034	Aug. 7	123	1980
Game counters and chips.	United States Playing Card Co.	58,602	Dec. 18	125	2357
Game-scoring device. Card.	Brentano's.	55,050	Aug. 7	123	1980
Games.	C. A. Miller.	51,473	Apr. 17	121	2315
Games and sports. Certain named goods used in athletic.	A. G. Spalding & Bros.	56,737	Oct. 16	124	2173
Games and sports. Certain named goods used in athletic.	A. G. Spalding & Bros.	56,738	Oct. 16	124	2173
Games and toys.	E. A. Peltier.	51,478	Apr. 17	121	2315
Games. Card.	Cincinnati Game Co.	48,727	Jan. 9	120	651
Games. Certain named.	A. H. Imboden.	55,268	Aug. 14	123	2299
Games of chance.	J. Becker.	57,288	Nov. 13	125	653
Gape cure for fowls.	W. M. Shoemaker.	58,714	Dec. 25	125	2752
Garment-supporter clasps.	Hirsh Brothers.	50,327	Mar. 13	121	681
Garments. Certain named.	Wetzel.	51,005	Apr. 3	121	1665
Garments. Certain named.	Thompson & Christie.	52,115	May 1	122	343
Garments. Certain named.	French & Ward.	58,827	Dec. 25	125	2755
Garments. Outer.	Levi Strauss & Co.	50,748	Mar. 27	121	1341
Garments. Sleeping.	Goodwin Durrell Co.	54,330	June 26	122	2991
Garters.	A. Stein & Co.	49,008	Jan. 16	120	899
Garters.	C. J. Higley.	50,787	Mar. 27	121	1343
Garters.	Common Sense Garter Co.	55,668	Aug. 21	123	2613
Garters and sleeve-holders or armlets.	Harris Suspender Co.	55,751	Aug. 21	123	2615
Garters. Men's.	L. Oppenheimer's Sons.	48,508	Jan. 2	120	317
Gas-burners.	Crescent Burner Manufacturing Co.	52,716	May 15	122	1037
Gas-burners.	H. Adler Company.	54,574	June 26	122	3001

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Gas-burners.....	Crescent Burner Manufacturing Co.	58,182	Dec. 11	125	2037
Gas-burners and mantles therefor.....	Welsbach Light Company.....	52,942	May 22	122	1387
Gas burners and tips. Illuminating.....	American Lava Company.....	56,002	Aug. 21	123	2622
Gas-generators.....	Acme Gas Company.....	56,300	Sept. 11	124	619
Gas generators. Acetylene.....	J. de Dios Tejada.....	50,829	Apr. 3	121	1658
Gas in portable tanks. Illuminating.....	Concentrated Acetylene Company.....	58,719	Dec. 25	125	2752
Gas-mantles. Incandescent.....	Flash Self Lighting Mantle Co.....	49,932	Feb. 27	120	2745
Gas-mantles. Self-lighting incandescent.....	Usona Light Co.....	49,751	Feb. 13	120	2122
Gas-tubing. Flexible.....	New York Gas Tubing Company.....	51,476	Apr. 17	121	2315
Gears.....	Benjamin Atha & Company.....	53,972	June 19	122	2676
Gelatin.....	M. Michaelis & Sons.....	49,055	Jan. 23	120	1156
Gelatin.....	American Glue Co.....	50,675	Mar. 27	121	1338
Gelatin.....	Michigan Carbon Works.....	52,538	May 8	122	724
Gelatin.....	American Glue Co.....	52,750	May 15	122	1038
Gelatin and finishing-sizing. Vegetable.....	Blandola Company.....	56,228	Sept. 4	124	315
Gelatin. Prepared.....	Whitman Grocery Company.....	56,183	Aug. 28	123	2971
Gelatinous compounds.....	C. P. Walley.....	56,107	Aug. 21	123	2624
Germicidal and antiseptic liquid.....	F. R. Tyler.....	50,394	Mar. 13	121	683
Germicide.....	Rosenzweig & Baumann, Kasserler Farben-, Glasuren- und Lackfabrik.....	58,089	Dec. 4	125	1694
Germicide and antiseptic compound.....	J. F. Ballard.....	51,604	Apr. 17	121	2320
Germicide and an antiseptic compound.....	J. F. Ballard.....	53,239	May 29	122	1712
Germicides.....	Rhuma-Sulphur Co.....	50,531	Mar. 20	121	1006
Germicides.....	A. H. Swank.....	51,176	Apr. 3	121	1672
Germicides. Vegetable.....	J. Hubbard & Co.....	51,351	Apr. 10	121	1974
Gilding preparation. Liquid.....	Roessler & Hasslacher Chemical Co.....	57,740	Nov. 27	125	1341
Gimlet-bits, auger-bits, and braces.....	Hibbard, Spencer, Bartlett & Company.....	55,497	Aug. 14	123	2305
Gin.....	Chicago Distilling Co.....	48,576	Jan. 2	120	320
Gin.....	C. H. Graves & Sons.....	48,579	Jan. 2	120	320
Gin.....	A. M. Young.....	48,612	Jan. 2	120	321
Gin.....	Dr. C. Bouviers Specialty Co.....	48,816	Jan. 16	120	892
Gin.....	National Distilling Co.....	49,018	Jan. 23	120	1155
Gin.....	Francis Gowdy Distilling Co.....	49,248	Jan. 30	120	1469
Gin.....	H. R. Myers.....	50,183	Mar. 6	121	329
Gin.....	National Distilling Co.....	50,184	Mar. 6	121	330
Gin.....	S. Hochstadter.....	51,238	Apr. 10	121	1969
Gin.....	P. Dempsey & Co.....	51,785	Apr. 24	121	2653
Gin.....	J. & A. Freiberg.....	52,323	May 8	122	715
Gin.....	Ginter Grocery Company.....	53,175	May 29	122	1710
Gin.....	Ginter Grocery Company.....	53,176	May 29	122	1710
Gin.....	J. J. Douglas Co.....	53,403	June 5	122	2048
Gin.....	S. Streit & Co.....	53,904	June 12	122	2384
Gin.....	Luyties Brothers.....	53,924	June 12	122	2385
Gin.....	Straus Gunst & Co.....	54,686	June 26	122	3005
Gin.....	Chicago Distilling Co.....	54,736	June 26	122	3007
Gin.....	Baird-Daniels Company.....	55,280	Aug. 14	123	2299
Gin.....	Freiberg & Kahn.....	55,286	Aug. 14	123	2299
Gin.....	Wm. Bergenthal Co.....	55,303	Aug. 14	123	2300
Gin.....	A. Breslau Company.....	55,306	Aug. 14	123	2300
Gin.....	Kaufmann Bros. & Co.....	55,757	Aug. 21	123	2615
Gin.....	Ben J. Goldman Co.....	55,802	Aug. 21	123	2616
Gin.....	Casey-Swasey Co.....	56,231	Sept. 4	124	313
Gin.....	Back and Greiwe.....	56,743	Oct. 16	124	2173
Gin.....	Weideman Company.....	56,905	Oct. 23	124	2529
Gin.....	Schuster Co.....	57,047	Oct. 30	124	2897
Gin.....	R. Burnett & Co.....	57,636	Nov. 27	125	1339
Gin.....	Corning and Company.....	57,639	Nov. 27	125	1339
Gin.....	Lazarus & Nassauer.....	58,063	Dec. 4	125	1693
Gin.....	Horace Barber Distilling Company.....	58,258	Dec. 11	125	2039
Gin.....	Horace Barber Distilling Company.....	58,281	Dec. 11	125	2040
Gin.....	C. H. Ross & Co.....	58,286	Dec. 11	125	2040
Gin.....	Bonnie Bros.....	58,334	Dec. 11	125	2041
Gin.....	J. W. Evenden Co.....	58,346	Dec. 11	125	2042
Gin.....	Woolner & Company.....	58,511	Dec. 18	125	2355
Gin.....	Horace Barber Distilling Company.....	58,888	Dec. 25	125	2756
Gin.....	L. J. Adler.....	58,967	Dec. 25	125	2759
Gin. Dry.....	Charles Jacquin et Cie.....	51,281	Apr. 10	121	1971
Gin. Sloe.....	Charles Jacquin et Cie.....	48,573	Jan. 2	120	320
Gin. Sloe.....	J. Hawker & Co.....	57,261	Nov. 13	125	653
Gins.....	C. F. Lauber.....	51,081	Apr. 3	121	1668
Ginger. Preparation of.....	Frederick Brown Company.....	51,289	Apr. 10	121	1971
Ginger-snaps.....	Pennsylvania Baking Company.....	52,523	May 8	122	724
Gingham.....	John V. Farwell Company.....	57,967	Dec. 4	125	1691
Ginghams.....	Smith, Hogg & Co.....	50,992	Apr. 3	121	1664
Ginghams.....	Highland Park Manufacturing Company.....	56,958	Oct. 30	124	2895
Ginghams.....	Highland Park Manufacturing Company.....	56,959	Oct. 30	124	2895
Ginghams.....	Highland Park Manufacturing Company.....	57,807	Nov. 27	125	1343
Glass.....	Pilkington Bros.....	55,435	Aug. 14	123	2303
Glass articles and electric-light globes. Cut.....	Libbey Glass Co.....	56,500	Oct. 2	124	1517
Glass articles. Cut.....	Libbey Glass Company.....	54,172	June 19	122	2684
Glass bottles.....	L. Rose & Co.....	51,682	Apr. 24	121	2649
Glass bottles and siphons.....	C. Stölzle's Söhne, Actiengesellschaft für Glasfabrikation.....	55,369	Aug. 14	123	2302
Glass chimneys, lantern-globes, and reflectors.....	Gill Brothers Company.....	55,204	Aug. 7	123	1984
Glass. Cut.....	R. Murr.....	54,600	June 26	122	3002
Glass. Cut and engraved.....	T. G. Hawkes & Company.....	50,559	Mar. 20	121	1007

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Glass-cutters	W. L. Barrett	54,240	June 26	122	2987
Glass electric globes and glass shades	Phoenix Glass Co.	49,741	Feb. 13	120	2122
Glass jars. Self-sealing	Fisher, Bruce & Co.	55,376	Aug. 14	123	2302
Glass or bright-metal polishing preparations	Pellucide Company	54,020	June 19	122	2678
Glass. Plate, dry-plate, and window	F. Conrad & Company	51,017	Apr. 3	121	1666
Glass plates	E. Schwab	55,098	Aug. 7	123	1982
Glass. Sheet and picture	Semon Bache & Company	50,345	Mar. 13	121	682
Glass. Sheet and plate	Condie-Neale Glass Company	57,906	Dec. 4	125	1689
Glass ware. Cut	O. F. Egginton Co.	49,036	Jan. 23	120	1156
Glasses. Opera and field	Sussfeld, Lorsch & Co.	55,275	Aug. 14	123	2299
Glasses. Opera and field	Sussfeld, Lorsch & Co.	55,276	Aug. 14	123	2299
Glassware. Certain named	Creamery Package Mfg. Company	52,319	May 8	122	715
Glassware. Pressed	A. H. Heisey & Co.	50,121	Mar. 6	121	327
Glassware. Pressed or blown	A. H. Heisey & Co.	49,335	Jan. 30	120	1473
Gloves	Wertheimer & Co.	48,535	Jan. 2	120	318
Gloves	Buffalo Rubber Manufacturing Company	48,624	Jan. 9	120	647
Gloves	Abraham & Straus	48,629	Jan. 9	120	647
Gloves	J. Adler & Co.	48,630	Jan. 9	120	647
Gloves	Abraham & Straus	49,040	Jan. 23	120	1156
Gloves	Fownes Brothers & Co.	49,094	Jan. 23	120	1158
Gloves	Abraham & Straus	49,701	Feb. 13	120	2120
Gloves	Fownes Brothers & Co.	52,137	May 1	122	344
Gloves	J. Adler & Co.	52,632	May 15	122	1034
Gloves	Abraham & Straus	52,652	May 15	122	1035
Gloves	F. Schmidt	53,649	June 5	122	2058
Gloves	Wertheimer & Co.	56,385	Sept. 18	124	902
Gloves and mittens	Joseph N. Eisendrath Company	50,213	Mar. 6	121	331
Gloves and mittens	Joseph N. Eisendrath Company	51,270	Apr. 10	121	1970
Gloves and mittens. Yellow horse-hide	Bouton and Germain Co.	48,979	Jan. 16	120	898
Gloves and mitts. Base-ball	A. G. Spalding & Brothers	54,029	June 19	122	2678
Gloves. Base-ball	A. J. Reach Co.	58,819	Dec. 25	125	2755
Gloves. Base-ball, boxing and fencing	A. J. Reach Co.	58,535	Dec. 18	125	2355
Gloves. Boxing	A. J. Reach Co.	49,988	Feb. 27	120	2747
Gloves for athletic sports	P. Goldsmith's Sons	52,483	May 8	122	722
Gloves, gauntlets, and mittens. Leather	E. P. Wheat	58,330	Dec. 11	125	2041
Gloves. Kid	C. Perrin & Cie.	54,504	June 26	122	2998
Gloves. Kid	Topken & Company	56,384	Sept. 18	124	902
Gloves. Kid and lambskin	Stern Brothers	50,755	Mar. 27	121	1342
Gloves. Ladies' and gentlemen's kid, cloth, and chamois	F. W. Larom	51,586	Apr. 17	121	2319
Gloves. Leather	V. Perrin & Cie.	55,403	Aug. 14	123	2302
Gloves. Leather	V. Perrin & Cie.	55,405	Aug. 14	123	2303
Gloves. Leather	V. Perrin & Cie.	55,431	Aug. 14	123	2303
Gloves. Leather	V. Perrin & Cie.	55,434	Aug. 14	123	2303
Gloves. Leather	V. Perrin & Cie.	56,878	Oct. 23	124	2528
Gloves. Leather and textile	Rosenbaum Company	56,148	Aug. 28	123	2970
Gloves made wholly or partly of leather	Gordon & Ferguson	58,920	Dec. 25	125	2757
Gloves. Seamless rubber	Miller Rubber Manufacturing Co.	56,773	Oct. 16	124	2174
Glue	Chemische Fabrik für Lein & Dünger "Zimmermann."	50,679	Mar. 27	121	1339
Glue	C. A. Soden	50,696	Mar. 27	121	1339
Glue	American Glue Co.	52,801	May 15	122	1041
Glue	American Glue Co.	52,802	May 15	122	1041
Glue	American Glue Co.	54,462	June 26	122	2996
Glue	Binney & Smith Company	55,531	Aug. 14	123	2306
Glue and cements	N. B. Musselman	58,047	Dec. 4	125	1693
Glue-cement	L. W. Ferdinand	54,467	June 26	122	2996
Glue, gum, and mucilage. Liquid	Lyons Ink, Limited	52,981	May 22	122	1389
Glue. Marine	Siemon & Elting	55,861	Aug. 21	123	2618
Gluten feed and dried distillery-slops	J. Marcus	56,850	Oct. 23	124	2528
Glycerin	Price's Patent Candle Co.	52,110	May 1	122	343
Goggles	American Thermo-Ware Co.	58,167	Dec. 11	125	2037
Goggles. Automobile	Meyrowitz Manufacturing Company	58,954	Dec. 25	125	2758
Gold and silver flat ware, hollow ware, and tableware	W. Linker	55,945	Aug. 21	123	2620
Gold-leaf	S. Hickson	49,435	Feb. 6	120	1815
Gold, silver, aluminium, composition, or other metal leaf. Pack- age-rolls of	W. H. Coe Mfg. Company	52,117	May 1	122	343
Gold, silver, or copper. Bars, ingots, sheets, or molds of	H. W. Treat	49,893	Feb. 20	120	2437
Golf-balls	Kempshall Manufacturing Company	55,983	Aug. 21	123	2621
Golf-clubs. Metal heads of	T. Stewart	54,645	June 26	122	3003
Goods. Certain named piece	Reiling, David & Schoen	56,652	Oct. 16	124	2171
Governors. Engine	Pickering Governor Co.	51,569	Apr. 17	121	2319
Governors. Engine	Pickering Governor Company	52,627	May 15	122	1034
Governors. Engine	Pickering Governor Company	57,470	Nov. 13	125	658
Governors for pressure-fluid engines	Gardner Governor Company	57,939	Dec. 4	125	1690
Governors for pumping-engines	C. P. McMullen	50,011	Feb. 27	120	2748
Grading machinery. Road-	Climax Road Machine Co.	56,955	Oct. 30	124	2895
Grape-juice	Grape Products Co.	55,205	Aug. 7	123	1984
Grape-vines, cuttings, scions, grafts, &c.	Stark Bros.' Nurseries & Or- chards Company	52,113	May 1	122	343
Grape-vines, cuttings, scions, grafts, &c.	Stark Bros.' Nurseries & Or- chards Company	52,124	May 1	122	343
Graphite. Pulverized	United States Graphite Company	54,454	June 26	122	2996
Grates. Fireplace	Aldine Grate & Mantel Co.	54,859	July 31	123	1659
Grease	Kent Lubricating Company	50,100	Mar. 6	121	326
Grease and lubricating-oils. Cup	Galena Axle Grease Co.	51,465	Apr. 17	121	2314
Grease-cups	Lunkenheimer Company	49,887	Feb. 20	120	2436
Grease-cups	Lunkenheimer Company	50,453	Mar. 20	121	1003
Grease-cups	Lunkenheimer Company	52,335	May 8	122	716
Grease. Goose	S. C. Elliott	56,038	Aug. 21	123	2622
Grease. Lubricating	Philadelphia Grease Manufactur- ing Co.	49,316	Jan. 30	120	1472
Greases, lubricating oils and mixtures	Ironides Company	57,735	Nov. 27	125	1341
Grinding and polishing heads	Patterson, Gottfried & Hunter	48,937	Jan. 16	120	897

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Grinding-mills.....	C. S. Bell Co.....	53,514	June 5	122	2053
Grinding-mills.....	New Winona Mfg. Co.....	53,639	June 5	122	2058
Grindstone-frames.....	Whitman & Barnes Manufacturing Company.....	52,873	May 22	122	1385
Grooming-machines and their parts.....	American Shearer Manufacturing Company.....	56,430	Sept. 23	124	1201
Guaiacol carbonate for internal use.....	Chemische Fabrik von Heyden Aktiengesellschaft.....	54,968	Aug. 7	123	1978
Guava-juice and sugar. Mixture of.....	Tropic Fruit Company.....	53,190	May 29	122	1711
Guava-pulp and sugar. Mixture of.....	Tropic Fruit Company.....	53,434	June 5	122	2049
Guitars and mandolins.....	Lyon & Healy.....	48,483	Jan. 2	120	316
Guitars and mandolins.....	Lyon & Healy.....	49,385	Feb. 6	120	1813
Guitars and mandolins.....	Lyon & Healy.....	50,591	Mar. 27	121	1335
Guitars and mandolins.....	Lyon & Healy.....	51,372	Apr. 17	121	2311
Guitars and mandolins.....	Lyon & Healy.....	53,147	May 29	122	1709
Guitars and mandolins.....	Lyon & Healy.....	53,148	May 29	122	1709
Guitars and zithers.....	Lyon & Healy.....	54,518	June 26	122	2999
Gum. Chewing.....	American Chicle Co.....	48,675	Jan. 9	120	649
Gum. Chewing.....	American Chicle Co.....	50,258	Mar. 6	121	332
Gum. Chewing.....	Frank H. Fleer & Company.....	51,267	Apr. 10	121	1970
Gum. Chewing.....	H. D. Smith Co.....	53,219	May 29	122	1712
Gum. Chewing.....	A. M. Lyon.....	53,320	May 29	122	1716
Gum. Chewing.....	American Chicle Co.....	53,531	June 5	122	2053
Gum. Chewing.....	American Chicle Co.....	53,532	June 5	122	2053
Gum. Chewing.....	American Chicle Co.....	53,533	June 5	122	2053
Gum. Chewing.....	American Chicle Co.....	53,534	June 5	122	2053
Gum. Chewing.....	Best Gum Co.....	53,618	June 5	122	2057
Gum. Chewing.....	R. A. Brachvogel.....	54,033	June 19	122	2678
Gum. Chewing.....	American Chicle Co.....	54,461	June 26	122	2996
Gum. Chewing.....	Bon-Bon Company.....	54,463	June 26	122	2996
Gum. Chewing.....	American Chicle Co.....	54,506	June 26	122	2998
Gum. Chewing.....	Canton Gum Company.....	55,234	Aug. 7	123	1985
Gum. Chewing.....	Curtis & Son Company.....	55,373	Aug. 14	123	2302
Gum. Chewing.....	Grove Co.....	55,382	Aug. 14	123	2302
Gum. Chewing.....	Hilo Gum Co.....	55,385	Aug. 14	123	2301
Gum. Chewing.....	F. J. Banta & Son.....	56,129	Aug. 28	123	2969
Gum. Chewing.....	Continental Vending Company.....	56,205	Sept. 4	124	313
Gum. Chewing.....	A. Merckens.....	57,168	Nov. 6	125	343
Gum. Chewing.....	Royal Remedy & Extract Co.....	57,607	Nov. 13	125	662
Gum. Chewing.....	American Chicle Co.....	58,178	Dec. 11	125	2037
Gum. Chewing.....	Great American Automatic Vending Machine Company.....	58,187	Dec. 11	125	2037
Gum. Chewing.....	A. M. Pearson.....	58,659	Dec. 18	125	2359
Gum. Chewing.....	Frank H. Fleer and Company.....	58,789	Dec. 25	125	2754
Gum. Chewing.....	American Chicle Co.....	58,820	Dec. 25	125	2755
Gum. Chewing.....	American Chicle Co.....	58,821	Dec. 25	125	2755
Gum. Chewing.....	American Chicle Co.....	58,822	Dec. 25	125	2755
Gum. Chewing.....	American Chicle Co.....	58,998	Dec. 25	125	2759
Gum-shellac.....	Alden & Co., Geo. A.....	54,768	July 31	123	1657
Gun-cleaning implements and loading-tools.....	Bridgeport Gun Implement Company.....	58,007	Dec. 4	125	1692
Gun-grease.....	Winchester Repeating Arms Co.....	49,699	Feb. 13	120	2120
Guns and rifles. Shot.....	Winchester Repeating Arms Co.....	52,927	May 22	122	1387
Guns and rifles. Shot.....	Winchester Repeating Arms Co.....	53,194	May 29	122	1711
Guns and rifles. Shot.....	Winchester Repeating Arms Co.....	53,994	June 19	122	2677
Guns, rifles, and pistols. Shot.....	Martin Fire Arms Company.....	56,250	Sept. 4	124	315
Guns, rifles, pistols, and parts thereof. Shot.....	Hibbard, Spencer, Bartlett & Company.....	53,979	June 19	122	2676
Guns, rifles, pistols, revolvers, and parts thereof.....	Wesley & Scott Revolver & Arms Co.....	50,353	Mar. 13	121	682
Guns, rifles, revolvers, and parts thereof. Shot.....	Martin Fire Arms Company.....	55,158	Aug. 7	123	1983
Guns. Shot.....	Von Lengerke & Detmold.....	54,954	Aug. 7	123	1978
Hair and head. Preparations for the treatment of the.....	Hudson & Co.....	53,082	May 22	122	1393
Hair and scalp. Compounds for the treatment of the.....	N. von Feldman.....	48,534	Jan. 2	120	318
Hair and scalp. Preparation for.....	Foamacia Hair Preparation Co.....	55,680	Aug. 21	123	2613
Hair and skin tonic.....	Barclay & Barclay.....	53,971	June 19	122	2676
Hair and skin tonic.....	Barclay & Barclay.....	54,096	June 19	122	2681
Hair and skin tonics.....	Hutchins Pharmacal Company.....	56,241	Sept. 4	124	314
Hair and whisker dye.....	Charles N. Crittenton Company.....	54,160	June 19	122	2683
Hair-clippers.....	Brown & Sharpe Manufacturing Company.....	48,448	Jan. 2	120	315
Hair-clippers.....	Brown & Sharpe Manufacturing Company.....	50,806	Apr. 3	121	1657
Hair color-restorer or hair-dye.....	H. A. Mayor.....	50,940	Apr. 3	121	1662
Hair combs, retainers, ornaments, and pins.....	Kraus & Glauberg Co.....	48,753	Jan. 9	120	652
Hair combs, retainers, ornaments, and pins.....	Kraus & Glauberg Co.....	48,754	Jan. 9	120	652
Hair-curlers.....	Magie Curler Company.....	53,049	May 22	122	1391
Hair-dressing.....	C. V. Dorman.....	52,806	May 15	122	1041
Hair-dressing.....	J. B. C. Balme.....	54,263	June 26	122	2988
Hair-drying powder.....	Waldeyer & Betts.....	49,085	Jan. 23	120	1158
Hair-dye.....	Charles N. Crittenton Company.....	53,848	June 12	122	2382
Hair-dye.....	Charles N. Crittenton Company.....	53,878	June 12	122	2383
Hair-dyes.....	A. Cristadoro.....	52,452	May 8	122	720
Hair-invigorators and color-restorers.....	J. W. Walker.....	53,616	June 5	122	2057
Hair-nets.....	A. G. Jennings.....	52,146	May 1	122	344
Hair-nets.....	A. G. Jennings.....	52,147	May 1	122	344
Hair-nets. Silk.....	A. H. Woolley & Co.....	52,390	May 8	122	718
Hair-pins.....	G. Littleford.....	54,715	June 26	122	3006
Hair-pins.....	S. Beaumont & Fils.....	54,734	June 26	122	3007
Hair-pins and hair ornaments.....	Fishel, Nessler & Co.....	51,552	Apr. 17	121	2318
Hair-pins and ornamental combs.....	W. D. Earl.....	55,149	Aug. 7	123	1983
Hair-pins. Celluloid.....	Thomas J. Taylor Company.....	51,669	Apr. 17	121	2322
Hair. Preparation for the removal of superfluous.....	M. M. Cusic.....	48,847	Jan. 16	120	894
Hair-preservative.....	National Remedy Company.....	55,770	Aug. 21	123	2615
Hair remedy.....	W. G. Geety.....	48,924	Jan. 16	120	896

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Hair-renewers.	Kingston & Kellogg.	55,899	Aug. 21	123	2619
Hair-restorative.	S. R. Van Duzer.	56,026	Aug. 21	123	2622
Hair-restoratives.	S. R. Van Duzer.	50,254	Mar. 6	121	332
Hair-restoratives.	S. R. Van Duzer.	53,585	June 5	122	2056
Hair-restoratives and hair-tonics.	Citizens' Wholesale Supply Co.	55,666	Aug. 21	123	2613
Hair-restorer.	S. R. Van Duzer.	50,255	Mar. 6	121	332
Hair-restorer.	L. A. H. Brandt.	50,713	Mar. 27	121	1340
Hair-restorer.	Charles N. Crittenton Company.	53,843	June 12	122	2382
Hair-restorer.	Charles N. Crittenton Company.	53,844	June 12	122	2382
Hair-restorers.	B. T. Goldman.	50,573	Mar. 20	121	1008
Hair-restorers and dandruff-destroyers.	W. J. Foree.	50,003	Feb. 27	120	2748
Hair-shampoo.	M. L. Dowell.	58,402	Dec. 11	125	2043
Hair-tonic.	B. F. Miner.	52,465	May 8	122	721
Hair-tonic.	Weindorf & Co.	54,633	June 26	122	3003
Hair-tonic.	F. W. Peterson.	56,020	Aug. 21	123	2622
Hair-tonic.	J. F. Johnson.	56,663	Oct. 16	124	2171
Hair-tonic.	Dr. D. Jayne & Son.	56,895	Oct. 23	124	2529
Hair-tonic and shampoo.	Hygenol Company.	56,662	Oct. 16	124	2171
Hair-tonic and shampooing tincture.	D. M. Hanna.	57,039	Oct. 30	124	2897
Hair-tonics.	Lanman & Kemp.	50,979	Apr. 3	121	1664
Hair-tonics.	H. H. Johnson.	51,295	Apr. 10	121	1971
Hair-tonics.	M. Morris.	56,665	Oct. 16	124	2171
Hair-tonics.	A. Cristadoro.	57,852	Nov. 27	125	1344
Hair-tonics.	F. L. Steele.	58,118	Dec. 4	125	1695
Hair-tonics.	R. M. Totten.	58,426	Dec. 11	125	2044
Hair-tonics.	M. E. Smith.	58,929	Dec. 25	125	2758
Hair-tonics, stains, dandruff cures, &c.	H. E. Nichols.	53,933	June 12	122	2386
Hair-vigor and dandruff cure.	J. B. Wall.	52,794	May 15	122	1040
Hair-wavers.	S. Beaumont & Fils.	55,591	Aug. 21	123	2611
Hair-wavers.	C. F. Porter.	56,650	Oct. 16	124	2171
Hair-wavers and curlers.	A. Dreés.	49,468	Feb. 6	120	1817
Ham and bacon.	P. G. Cromwell.	48,451	Jan. 2	120	315
Ham and bacon.	Sprague, Warner & Company.	55,956	Aug. 21	123	2620
Ham and bacon.	F. A. Ferris & Company.	56,586	Oct. 9	124	1838
Ham and breakfast-bacon.	Charles Wolff Packing Company.	58,138	Dec. 4	125	1695
Hams.	P. G. Cromwell.	48,450	Jan. 2	120	315
Hams.	P. G. Cromwell.	48,452	Jan. 2	120	315
Hams.	F. P. Garrettson & Co.	51,130	Apr. 3	121	1670
Hams.	E. Godel and Sons.	55,978	Aug. 21	123	2621
Hams and breakfast-bacon.	Cleveland Provision Company.	58,128	Dec. 4	125	1695
Hams, bacon, and shoulders. Smoked or cured.	Swift and Company.	56,977	Oct. 30	124	2895
Hams, breakfast-bacon, lard, and sausage.	Pittsburg Provision & Packing Co.	58,926	Dec. 25	125	2757
Hams, shoulders, and bacon.	J. & F. Schroth Pack. Co.	51,325	Apr. 10	121	1972
Hams, shoulders, and bacon.	E. Godel and Sons.	52,321	May 8	122	715
Hams, shoulders, and bacon.	Golden and Company.	53,177	May 29	122	1710
Hamamelis. Distillation of.	Pond's Extract Company.	49,484	Feb. 6	120	1817
Hames.	Todd Manufacturing Co.	49,802	Feb. 20	120	2433
Hammers.	A. R. Robertson.	49,590	Feb. 13	120	2116
Hammers.	A. R. Robertson.	51,501	Apr. 17	121	2316
Hammers.	Hibbard, Spencer, Bartlett & Company.	56,922	Oct. 23	124	2530
Hammocks and hammock-making nets and netting.	Hoffman-Corr Mfg. Co.	57,217	Nov. 6	125	344
Hammocks and swings. Folding canvas.	G. H. Winans.	49,508	Feb. 6	120	1818
Handcuffs and leg-irons.	Tower & Lyon Co.	48,746	Jan. 9	120	652
Handcuffs and leg-irons.	Tower & Lyon Co.	50,400	Mar. 13	121	684
Handkerchiefs.	Cochrane Manufacturing Co.	51,962	May 1	122	337
Harmonicas.	National Musical String Co.	52,432	May 8	122	720
Harmonicas and accordions.	Buegeleisen & Jacobson.	58,387	Dec. 11	125	2043
Harmonicas and accordions. Mouth-	Firm of M. Hohner.	57,508	Nov. 13	125	659
Harmonicas. Mouth-	Firm of M. Hohner.	51,890	Apr. 24	121	2657
Harmonicas. Mouth-	Firm of M. Hohner.	57,457	Nov. 13	125	658
Harmonicas. Mouth-	Firm of M. Hohner.	57,507	Nov. 13	125	659
Harness.	Studebaker Brothers Manufacturing Company.	50,210	Mar. 6	121	331
Harness and skirting leather.	William Flaccus Oak Leather Company.	56,027	Aug. 21	123	2622
Harness, saddles, and parts thereof.	Hibbard, Spencer, Bartlett & Company.	52,722	May 15	122	1037
Harness, saddles, and parts thereof.	Hibbard, Spencer, Bartlett & Company.	52,723	May 15	122	1037
Harness, saddles, collars, and bridles.	Paducah Saddlery Company.	49,128	Jan. 23	120	1159
Harrows.	Roderick Lean Manufacturing Co.	53,105	May 29	122	1707
Harrows and cultivators.	Atlanta Agricultural Works.	49,142	Jan. 23	120	1160
Harrows, drills, and cultivators.	Roderick Lean Manufacturing Company.	58,452	Dec. 18	125	2353
Harvesters.	International Harvester Company of America.	52,016	May 1	122	339
Harvesters and extra and repair parts and pieces therefor.	International Harvester Co. of America.	50,467	Mar. 20	121	1004
Harvesters and parts thereof.	International Harvester Company of America.	53,726	June 12	122	2378
Harvesters and repair parts and pieces therefor.	International Harvester Co. of America.	50,468	Mar. 20	121	1004
Harvesters. Corn and grain.	Independent Harvester Company.	58,951	Dec. 25	125	2758
Harvesters, mowers, and reapers.	International Harvester Co. of America.	49,436	Feb. 6	120	1815
Harvesters, mowers, and reapers and parts thereof.	International Harvester Co. of America.	52,521	May 8	122	724
Harvesters, mowers, and reapers and separate parts thereof.	International Harvester Co. of America.	52,096	May 1	122	342
Hash and hashed meats.	N. Morris & Company.	51,474	Apr. 17	121	2315
Hat-fasteners.	J. C. Morrison.	50,332	Mar. 13	121	681
Hat-pins, combs, and hair-pins. Gold.	Kremenz & Co.	54,831	July 31	123	1658
Hats.	Gage Brothers & Company.	50,508	Mar. 20	121	1005

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Hats.....	Boogher, Force & Goodbar Hat Company.	50,961	Apr. 3	121	1663
Hats.....	J. R. Gilleaudeau.....	51,584	Apr. 17	121	2319
Hats.....	Lustig Bros.....	53,253	May 29	122	1713
Hats.....	Young Brothers.....	55,488	Aug. 14	123	2305
Hats and caps.....	M. Sonneborn.....	49,730	Feb. 13	120	2121
Hats and caps.....	Knox Hat Manufacturing Co.....	49,783	Feb. 13	120	2123
Hats and caps.....	Knox Hat Manufacturing Co.....	49,784	Feb. 13	120	2123
Hats and caps.....	E. M. Knox.....	50,790	Mar. 27	121	1343
Hats and caps.....	F. Schoble & Co.....	51,275	Apr. 10	121	1970
Hats and caps.....	F. Schoble & Co.....	51,973	May 1	122	337
Hats and caps.....	John B. Stetson Company.....	51,990	May 1	122	338
Hats and caps.....	F. Schoble & Co.....	52,083	May 1	122	342
Hats and caps.....	Gordon & Ferguson.....	58,582	Dec. 18	125	2357
Hats and caps for men and boys.....	Keith Brothers & Co.....	53,602	June 5	122	2056
Hats and caps for men and boys.....	Keith Brothers & Co.....	53,634	June 5	122	2058
Hats and caps. Infants'.....	S. Mayer & Sons.....	49,386	Feb. 6	120	1813
Hats and caps. Men's and boys'.....	F. Schoble & Co.....	50,989	Apr. 3	121	1664
Hats and caps. Men's and women's.....	R. J. Hunter.....	49,824	Feb. 20	120	2434
Hats and caps. Soft and stiff felt.....	John B. Stetson Company.....	51,893	Apr. 24	121	2657
Hats and caps. Waterproof.....	Hirsh Brothers.....	54,043	June 19	122	2678
Hats, caps, and bonnets.....	Collins & Fairbanks Company.....	50,926	Apr. 3	121	1662
Hats, caps, and bonnets.....	Dunlap & Co.....	51,125	Apr. 3	121	1670
Hats, caps, and bonnets.....	Dunlap & Co.....	56,639	Oct. 16	124	2171
Hats for women.....	J. L. Rosenberg.....	49,046	Jan. 23	120	1156
Hats. Ladies'.....	Carolyn & Co.....	54,000	June 19	122	2677
Hats. Men's and boys' stiff, soft, and straw.....	Freeman Brothers.....	52,481	May 8	122	722
Hats. Men's felt, wool, and straw.....	Boogher, Force and Goodbar Hat Company.	56,512	Oct. 2	124	1517
Hats. Men's, women's, and children's.....	Youmans.....	54,694	June 26	122	3006
Hats. Men's, women's, and children's.....	Youmans.....	54,695	June 26	122	3006
Hats of all kinds.....	Danbury Hat Company.....	51,124	Apr. 3	121	1670
Hats. Panama.....	S. C. Paris.....	51,689	Apr. 24	121	2649
Hats. Panama.....	Lustig Bros.....	51,970	May 1	122	337
Hats. Panama.....	J. J. Seeds & Co.....	54,022	June 19	122	2678
Hats. Soft and stiff fur-felt.....	No Name Hat Mfg. Co.....	48,506	Jan. 2	120	317
Hats. Stiff and soft felt.....	Etehsion Hat Co.....	57,963	Dec. 4	125	1691
Hats. Stiff-felt, soft-felt, and straw.....	Denzer, Goodhart & Scheuer.....	51,223	Apr. 10	121	1968
Hats. Stiff-felt, soft-felt, and straw.....	Denzer, Goodhart & Scheuer.....	51,224	Apr. 10	121	1968
Hats. Stiff-felt, soft-felt, and straw.....	Denzer, Goodhart & Scheuer.....	51,579	Apr. 17	121	2319
Hats. Stiff fur.....	S. C. Holley & Co.....	51,077	Apr. 3	121	1668
Hats. Stiff fur.....	J. B. Murphy & Company.....	57,835	Nov. 27	125	1344
Hats. Straw.....	Brigham Hopkins Company.....	48,976	Jan. 16	120	898
Hats. Straw.....	Blum & Koch.....	55,414	Aug. 14	123	2303
Hats. Waterproof.....	A. J. Tower Company.....	49,370	Feb. 6	120	1813
Hatchets, adzes, axes, and pocket-knives.....	Wells & Nellegar Company.....	56,938	Oct. 23	124	2530
Hatchets and axes.....	Fletcher Hardware Co.....	56,273	Sept. 4	124	315
Hatchets, axes, and adzes.....	James C. Lindsay Hardware Co.....	49,155	Jan. 23	120	1160
Hay-carriers.....	F. E. Myers & Bro.....	52,365	May 8	122	717
Hay-carriers.....	F. E. Myers & Brother.....	56,933	Oct. 23	124	2530
Hay-loader.....	Sandwich Manufacturing Co.....	48,722	Jan. 9	120	651
Hay-rack clamps.....	F. E. Myers & Bro.....	58,172	Dec. 11	125	2037
Hay-rakes, hay-stackers, and parts thereof.....	Acme Harvesting Machine Company.	57,132	Nov. 6	125	342
Hay-tedders.....	Deere & Webber Co.....	49,432	Feb. 6	120	1815
Headache cure.....	Celero Drug Company.....	53,304	May 29	122	1715
Headers and binders, reapers, mowers, and parts thereof. Grain.....	Acme Harvesting Machine Company.	55,195	Aug. 7	123	1984
Headers and parts thereof. Grain.....	Acme Harvesting Machine Company.	55,229	Aug. 7	123	1985
Headers and parts thereof. Grain.....	Acme Harvesting Machine Company.	55,230	Aug. 7	123	1985
Headlights, lanterns, and lamps.....	Badger Brass Mfg. Co.....	56,433	Sept. 25	124	1201
Heat-regulators for boilers, furnaces, and stoves.....	Fulton Company.....	53,173	May 29	122	1710
Heaters and parts thereof. Steam and hot-water.....	Herendeen Manufacturing Co.....	51,497	Apr. 17	121	2316
Heaters and radiators. Steam and hot-water.....	Gurney Heater Manufacturing Company.	49,150	Jan. 23	120	1160
Heaters. Hot-water.....	Platt Iron Works Co.....	57,126	Nov. 6	125	342
Heaters or furnaces and cooking-ranges. Hot-air, hot-water, and steam.....	Thatcher Furnace Co.....	56,292	Sept. 4	124	315
Heaters. Steam, hot-water, and hot-air.....	Hart & Crouse Co.....	52,596	May 15	122	1033
Heaters. Water.....	Eagle Water Heater Company.....	55,000	Aug. 7	123	1979
Heating and cooking appliances.....	H. Adler Company.....	54,278	June 26	122	2989
Heating-furnaces.....	Utica Heater Co.....	55,140	Aug. 7	123	1983
Heating-furnaces.....	Wrought Iron Range Company.....	57,628	Nov. 20	125	987
Heave cure.....	Lundin & Lundin.....	54,994	Aug. 7	123	1979
Heave cure.....	M. W. Savage.....	56,149	Aug. 28	123	2970
Heel and black ball and polishing wax for shoemakers' use.....	P. Ostermayer.....	52,215	May 1	122	347
Heel-counters.....	Morton & Son.....	57,383	Nov. 13	125	656
Heel-plates for boots and shoes.....	L. Sacks.....	56,506	Oct. 2	124	1517
Heel-plates. Electric.....	E. H. Mealy.....	48,552	Jan. 2	120	319
Heel-protectors.....	F. W. Whitcher.....	50,599	Mar. 27	121	1335
Heel-shaves and duplicate heel-shave blades.....	Snell & Atherton.....	55,009	Aug. 7	123	1979
Hemostatic, astringent, blood-pressure-raising, and stimulating preparations.....	Parke, Davis & Co.....	53,934	June 12	122	2386
Hepatic stimulant, antizymotic, uric-acid solvent and eliminant.....	Laine Chemical Company.....	58,082	Dec. 4	125	1694
Herring. Smoked.....	Slade Gorton & Co.....	50,056	Feb. 27	120	2750
Hinges.....	Reading Hardware Company.....	58,692	Dec. 25	125	2751
Hinges. Spring.....	Columbian Hdw. Co.....	53,676	June 12	122	2376
Hinges. Spring.....	Columbian Hdw. Co.....	53,692	June 12	122	2377
Hinges. Spring.....	Columbian Hdw. Co.....	53,693	June 12	122	2377
Hinges. Spring.....	Columbian Hdw. Co.....	53,694	June 12	122	2377
Hinges. Spring.....	Columbian Hdw. Co.....	53,695	June 12	122	2377
Hinges, springs, and pulls. Door.....	Columbian Hdw. Co.....	55,559	Aug. 14	123	2307
Hoes.....	H. Keidel.....	51,797	Apr. 24	121	2654
Hoes.....	Union Hoe Co.....	53,578	June 5	122	2055

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Holders. Certain named.	J. P. Eustis Mfg. Co.	54,753	June 26	122	3008
Hones.	Pike Manufacturing Company.	49,358	Jan. 30	120	1474
Hones, sharpening-stones, and sharpening-wheels. Razor.	F. Swaty.	48,808	Jan. 16	120	892
Honey and rock-candy. Liquid compound of.	J. Krieg.	56,761	Oct. 16	124	2174
Hoof-dressing.	W. F. Young.	50,029	Feb. 27	120	2749
Hooks and eyes.	Star Pin Company.	49,744	Feb. 13	120	2122
Hooks and eyes.	Unique Manufacturing Company.	49,786	Feb. 13	120	2123
Hooks and eyes.	Unique Manufacturing Company.	49,787	Feb. 13	120	2123
Hooks and eyes.	De Long Hook & Eye Company.	51,282	Apr. 10	121	1971
Hooks and eyes.	De Long Hook & Eye Company.	51,283	Apr. 10	121	1971
Hooks and eyes.	De Long Hook & Eye Company.	55,056	Aug. 7	123	1981
Hooks. Coat and hat.	Columbian Hdw. Co.	55,446	Aug. 14	123	2304
Hooks. Snap.	Covert Mfg. Co.	56,490	Oct. 2	124	1517
Hooks. Snap.	Covert Mfg. Co.	56,491	Oct. 2	124	1517
Hooks. Snap.	Covert Mfg. Co.	56,535	Oct. 9	124	1837
Hops.	Chas. L. Kiewert Co.	54,424	June 26	122	2994
Horns. Automobile and motor-boat.	Post & Lester Company.	58,262	Dec. 11	125	2039
Horns for motor-vehicles.	A. H. Funke.	52,298	May 8	122	714
Horse and mule shoes.	American Horse Shoe Company.	53,535	June 5	122	2054
Horse and mule shoes.	Phoenix Horse Shoe Co.	53,986	June 19	122	2676
Horse and mule shoes. Metal.	Phoenix Horse Shoe Co.	54,942	Aug. 7	123	1977
Horse-blankets.	W. B. Riley & Co.	50,055	Feb. 27	120	2750
Horse-blankets.	W. Ayres & Sons.	55,341	Aug. 14	123	2301
Horse-blankets.	W. Ayres & Sons.	56,597	Oct. 9	124	1838
Horse-clippers.	Chicago Flexible Shaft Company.	49,092	Jan. 23	120	1158
Horse-covers.	Schneider Tent & Awning Co.	57,928	Dec. 4	125	1690
Horse covers, nets saddle-housings, lap-ropes, and dusters.	W. Ayres & Sons.	51,630	Apr. 17	121	2321
Horse-hides and colt-skins.	B. D. Eisendrath.	55,345	Aug. 14	123	2301
Horse-renovating powders.	J. J. Walsh.	49,555	Feb. 6	120	1820
Horses' elastic foot-coverings.	M. Hallanan.	52,095	May 1	122	342
Horseshoe-calks.	Neverslip Manufacturing Company.	56,965	Oct. 30	124	2895
Horseshoe-pads.	Revere Rubber Company.	58,376	Dec. 11	125	2042
Horseshoe-studs.	Leonhardt & Co.	53,127	May 29	122	1708
Horseshoes.	Bryden Horseshoe Company.	50,582	Mar. 27	121	1335
Horseshoes.	International Union of Journey-men Horseshoers.	52,910	May 22	122	1386
Horseshoes.	Bryden Horse Shoe Company.	53,163	May 29	122	1710
Horseshoes.	Bryden Horse Shoe Company.	53,214	May 29	122	1711
Horseshoes.	Neverslip Manufacturing Company.	57,756	Nov. 27	125	1342
Horseshoes and calks.	Neverslip Manufacturing Company.	52,917	May 22	122	1386
Horseshoes and horseshoe-calks.	Rowe Patent Square Shoulder Shoe Calk Co.	50,336	Mar. 13	121	681
Horseradish.	T. F. Rightmire.	51,823	Apr. 24	121	2655
Horseradish cream.	Griggs, Cooper & Company.	54,206	June 19	122	2685
Hose.	New Jersey Car Spring & Rubber Co.	54,340	June 26	122	2991
Hose and skirt supporters.	Clark Manufacturing Company.	55,601	Aug. 21	123	2611
Hose composed in whole or in part of rubber.	Toledo Rubber Co.	55,997	Aug. 21	123	2621
Hose. Cotton rubber-lined.	Eureka Fire Hose Co.	51,708	Apr. 24	121	2650
Hose. Cotton rubber-lined.	Eureka Fire Hose Co.	51,886	Apr. 24	121	2657
Hose. Fabric.	Eureka Fire Hose Company.	48,656	Jan. 9	120	648
Hose. Fabric.	Eureka Fire Hose Company.	53,167	May 29	122	1710
Hose. Fabric.	Eureka Fire Hose Company.	53,168	May 29	122	1710
Hose. Fabric.	Eureka Fire Hose Company.	58,237	Dec. 11	125	2039
Hose. Fabric.	Eureka Fire Hose Company.	58,238	Dec. 11	125	2039
Hose-pipes, nozzles, gates, and couplings.	Eureka Fire Hose Company.	49,948	Feb. 27	120	2745
Hose-supporters.	C. J. Higley.	49,277	Jan. 30	120	1471
Hose-supporters.	Warner Bros. Co.	49,397	Feb. 6	120	1814
Hose-supporters.	C. J. Higley.	49,822	Feb. 20	120	2434
Hose-supporters.	C. J. Higley.	49,823	Feb. 20	120	2434
Hose-supporters.	C. J. Higley.	49,858	Feb. 20	120	2435
Hose-supporters.	C. J. Higley.	51,652	Apr. 17	121	2322
Hose-supporters.	I. B. Kleinert Rubber Company.	52,550	May 15	122	1031
Hose-supporters.	I. B. Kleinert Rubber Company.	52,551	May 15	122	1031
Hose-supporters.	George Frost Company.	53,174	May 29	122	1710
Hose-supporters.	Pioneer Suspender Company.	53,272	May 29	122	1714
Hose-supporters.	Pioneer Suspender Company.	55,859	Aug. 21	123	2618
Hose-supporters.	M. L. Margolish.	57,943	Dec. 4	125	1690
Hose supporters and suspenders. Combination.	Kazoo Suspender Co.	58,593	Dec. 18	125	2357
Hosiery.	Charles Taylor & Company.	48,914	Jan. 16	120	896
Hosiery.	Charles Taylor & Company.	48,915	Jan. 16	120	896
Hosiery.	C. Simon's Sons.	48,941	Jan. 16	120	897
Hosiery.	American Stocking Company.	49,268	Jan. 30	120	1470
Hosiery.	R. J. Fisher.	50,002	Feb. 27	120	2748
Hosiery.	J. Blood & Co.	50,143	Mar. 6	121	328
Hosiery.	O'Callaghan & Fedden.	50,156	Mar. 6	121	328
Hosiery.	Sheboygan Knitting Company.	50,163	Mar. 6	121	329
Hosiery.	Cooper, Wells & Co.	50,780	Mar. 27	121	1343
Hosiery.	Oneida Hosiery Company.	50,943	Apr. 3	121	1662
Hosiery.	Marietta Knitting Co.	50,982	Apr. 3	121	1664
Hosiery.	Rice, Stix Dry Goods Company.	51,535	Apr. 17	121	2317
Hosiery.	Rice, Stix Dry Goods Company.	51,536	Apr. 17	121	2317
Hosiery.	Rice, Stix Dry Goods Company.	51,596	Apr. 17	121	2320
Hosiery.	Rice, Stix Dry Goods Company.	51,597	Apr. 17	121	2320
Hosiery.	Richardson Roberts Dry Goods Co.	51,690	Apr. 24	121	2649
Hosiery.	Cooper Wells & Co.	51,724	Apr. 24	121	2651
Hosiery.	Lord & Taylor.	51,800	Apr. 24	121	2654
Hosiery.	Lord & Taylor.	51,801	Apr. 24	121	2654
Hosiery.	Buster Brown Stocking Company.	51,981	May 1	122	338
Hosiery.	Buster Brown Stocking Company.	51,982	May 1	122	338
Hosiery.	O'Callaghan & Fedden.	52,158	May 1	122	345
Hosiery.	E. Blood.	52,877	May 22	122	1385

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Hosiery.....	Brown Knitting Co.....	53,162	May 29	122	1710
Hosiery.....	C. Chipman's Sons.....	53,243	May 29	122	1713
Hosiery.....	Columbia Knitting Company.....	53,541	June 5	122	2054
Hosiery.....	Reins & Meiss.....	53,868	June 12	122	2383
Hosiery.....	J. Jamison.....	54,192	June 19	122	2684
Hosiery.....	Rice, Stix Dry Goods Company.....	54,290	June 26	122	2989
Hosiery.....	Rice, Stix Dry Goods Company.....	54,291	June 26	122	2989
Hosiery.....	Marshall Field & Company.....	54,641	June 26	122	3003
Hosiery.....	Des Moines Hosiery Mills.....	54,809	July 31	123	1658
Hosiery.....	Weeks and Ascher.....	54,884	July 31	123	1660
Hosiery.....	Lord & Taylor.....	55,131	Aug. 7	123	1983
Hosiery.....	Rosenbaum Company.....	55,648	Aug. 21	123	2612
Hosiery.....	H. Stärker.....	55,790	Aug. 21	123	2616
Hosiery.....	H. Stärker.....	55,791	Aug. 21	123	2616
Hosiery.....	Wayne Knitting Mills.....	56,097	Aug. 21	123	2624
Hosiery.....	Wayne Knitting Mills.....	56,098	Aug. 21	123	2624
Hosiery.....	Paramount Knitting Co.....	56,142	Aug. 28	123	2970
Hosiery.....	Paramount Knitting Co.....	56,143	Aug. 28	123	2970
Hosiery.....	Paramount Knitting Co.....	56,144	Aug. 28	123	2970
Hosiery.....	Paramount Knitting Co.....	56,145	Aug. 28	123	2970
Hosiery.....	John V. Farwell Company.....	56,393	Sept. 18	124	902
Hosiery.....	Marshall Field & Company.....	57,118	Nov. 6	125	342
Hosiery.....	Marshall Field & Company.....	57,119	Nov. 6	125	342
Hosiery.....	M. S. Esche.....	57,121	Nov. 6	125	342
Hosiery.....	Holeproof Hosiery Company.....	57,783	Nov. 27	125	1343
Hosiery.....	Marshall Field & Company.....	57,812	Nov. 27	125	1343
Hosiery.....	Racine Feet Knitting Company.....	57,837	Nov. 27	125	1344
Hosiery.....	Brown Durrell Co.....	57,880	Dec. 4	125	1689
Hosiery.....	Brown Durrell Co.....	57,881	Dec. 4	125	1689
Hosiery.....	Rice, Stix Dry Goods Company.....	58,263	Dec. 11	125	2039
Hosiery.....	Wellknit Hosiery Co.....	58,547	Dec. 18	125	2356
Hosiery.....	J. Samuels & Brother.....	58,588	Dec. 18	125	2357
Hosiery.....	J. Samuels & Brother.....	58,646	Dec. 18	125	2358
Hosiery and gloves. Knitted.....	M. S. Esche.....	57,122	Nov. 6	125	342
Hosiery and gloves. Knitted.....	M. S. Esche.....	57,123	Nov. 6	125	342
Hosiery and knitted underwear.....	Schuster, Edelstein & Co.....	58,962	Dec. 25	125	2758
Hosiery and underwear. Knitted, netted, and lace.....	Hosford & Clark.....	56,521	Oct. 2	124	1518
Hosiery. Elastic.....	J. Ellwood Lee Company.....	52,363	May 8	122	717
Hosiery for both ladies and gentlemen.....	Wayne Knitting Mills.....	54,649	June 26	122	3004
Hosiery. Men's, women's, and children's.....	H. A. Lang & Co.....	51,798	Apr. 24	121	2654
Hosiery of every description.....	Rubens & Meyer.....	56,935	Oct. 23	124	2530
Hydrogen. Chemical compounds for producing.....	Roessler & Hasslacher Chemical Co.....	56,594	Oct. 9	124	1838
Hydrogen peroxid.....	American Peroxide and Chemical Co.....	54,651	June 26	122	3004
Hypophosphites. Preparation of.....	Fellows Medical M'fg Co.....	49,578	Feb. 13	120	2116
Hypophosphites. Preparation of.....	Fellows Medical M'fg Co.....	53,204	May 29	122	1711
Hydrosulfite compound.....	Cassella Color Company.....	49,183	Jan. 30	120	1467
Ice-cream.....	Crane Ice Cream Company.....	55,237	Aug. 7	123	1985
Ice-cream.....	A. I. Neble.....	55,335	Aug. 14	123	2301
Ice-cream and ices. Powder for use in making.....	W. A. Collins.....	50,569	Mar. 20	121	1008
Ice-cream freezers.....	Richmond Cedar Works.....	56,945	Oct. 23	124	2530
Ice-cream, ices, and frozen custards.....	J. M. Horton Ice Cream Co.....	51,969	May 1	122	337
Ice-machines.....	Davenport Ice Chipping Machine Co.....	52,512	May 8	122	723
Ice-shaving machines.....	C. C. Clawson.....	51,983	May 1	122	338
Ice-shaving machines.....	C. C. Clawson.....	51,984	May 1	122	338
Illusion apparatus. Mechanical.....	E. Renton.....	54,344	June 26	122	2991
Incandescent mantles and supports therefor.....	Cleveland Gas and Electric Fixture Company.....	48,625	Jan. 9	120	647
Incandescent mantles, lamps, and lamp-fittings.....	Welsbach Light Company.....	51,488	Apr. 17	121	2315
Incubators and brooders.....	M. W. Savage.....	52,374	May 8	122	717
Incubators and brooders.....	M. M. Johnson.....	56,540	Oct. 2	124	1518
Inhalers and respirators.....	M. D. Good.....	50,372	Mar. 13	121	683
Ink.....	Aktiebolaget Barnängens Tekniska Fabrik.....	56,674	Oct. 16	124	2172
Ink and inked ribbons.....	American Multigraph Company.....	57,904	Dec. 4	125	1689
Ink. Duplicating.....	Neostyle Company.....	53,787	June 12	122	2380
Ink-eradicators.....	B. R. Thomas.....	54,586	June 26	122	3001
Ink. Printing.....	Standard Printing Ink Company.....	51,001	Apr. 3	121	1665
Ink. Printing.....	J. Sigmund Ullman Co.....	55,387	Aug. 14	123	2302
Ink. Writing.....	Y. Tamaki.....	56,265	Sept. 4	124	314
Inks and printing-ink varnishes and dry colors. Printing and lithographing.....	Jaenecke Printing Ink Co.....	54,604	June 26	122	3002
Inks and writing fluids of all kinds. Writing.....	Carter's Ink Company.....	48,947	Jan. 16	120	897
Inks and writing fluids. Writing.....	Diamond Ink Company.....	49,332	Jan. 30	120	1473
Inks. Copying, indelible, and writing.....	S. S. Stafford, Inc.....	54,294	June 26	122	2989
Inks in fluid, crystal, and powdered form. Black and colored.....	A. Turner.....	50,596	Mar. 27	121	1335
Inks. Printing.....	Jaenecke Printing Ink Co.....	49,312	Jan. 30	120	1472
Inks. Printing.....	Ault & Wiborg Co.....	58,620	Dec. 18	125	2358
Inkstands.....	E. Davis.....	48,618	Jan. 9	120	647
Inkstands.....	E. Davis.....	48,632	Jan. 9	120	647
Inkstands.....	E. Davis.....	48,633	Jan. 9	120	647
Inkstands.....	Century Inkstand Company.....	51,014	Apr. 3	121	1665
Insect-extermiators.....	L. G. B. Erb.....	58,751	Dec. 25	125	2753
Insect killer or exterminator.....	Dr. Hess & Clark.....	52,175	May 1	122	345
Insect-poison.....	Jenkins Bros.....	49,203	Jan. 30	120	1468
Insect-poison.....	P. M. Frank Disinfecting Co.....	56,039	Aug. 21	123	2622
Insect-powder.....	Caroh Chemical Company.....	50,037	Feb. 27	120	2749
Insect-powder.....	Gilpin, Langdon & Company.....	52,420	May 8	122	719
Insecticide.....	E. M. Eccles.....	48,850	Jan. 16	120	894
Insecticide.....	Iron City Chemical Co.....	56,046	Aug. 21	123	2623
Insecticide.....	C. A. Henderson.....	56,758	Oct. 16	124	2174
Insecticide.....	W. C. Gordon.....	57,858	Nov. 27	125	1345
Insecticide and deodorizer.....	H. L. Palminter.....	58,838	Dec. 25	125	2755

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Insecticide for bugs and blight.	B. Hammond.	55,633	Aug. 21	123	2612
Insecticide, sheep and cattle dip.	Hygeno Disinfectant Company.	58,079	Dec. 4	125	1694
Insecticides.	F. L. Hanlin.	50,785	Mar. 27	121	1343
Insecticides.	C. E. Lacey & Co.	51,241	Apr. 10	121	1969
Insecticides.	Leggett & Brother.	52,781	May 15	122	1040
Insecticides.	B. G. Pratt Company.	54,343	June 26	122	2991
Insecticides.	W. Peterman.	56,400	Sept. 18	124	902
Insecticides.	W. Peterman.	56,401	Sept. 18	124	902
Insecticides.	E. L. Wolf and Co.	58,731	Dec. 25	125	2752
Insecticides and rodent-poisons.	H. Naprstek.	55,767	Aug. 21	123	2615
Insoles.	Electric Appliance Co.	50,506	Mar. 20	121	1005
Inspirators.	United Injector Co.	57,990	Dec. 4	125	1692
Instep-supporter or arch-prop.	George G. London Manufacturing Company.	50,564	Mar. 20	121	1008
Insulated conducting-wires.	Phillips Insulated Wire Co.	50,825	Apr. 3	121	1657
Insulated receptacle for maintaining heat.	Caloric Fireless Cookstove Co.	57,698	Nov. 27	125	1340
Insulated wire.	Standard Underground Cable Company.	56,507	Oct. 2	124	1517
Insulated wire and adhesive tapes used for insulating.	New York Insulated Wire Company.	52,337	May 8	122	716
Insulated wire and cables and insulating compound for electric service.	Standard Underground Cable Company.	58,454	Dec. 18	125	2353
Insulated wire and cables and insulating-tape.	Indiana Rubber & Insulated Wire Co.	56,559	Oct. 9	124	1837
Insulated wire and insulating-tapes.	New York Insulated Wire Company.	53,666	June 12	122	2375
Insulated wire and wire cables.	Phillips Insulated Wire Co.	50,824	Apr. 3	121	1657
Insulated wires.	Phillips Insulated Wire Co.	52,626	May 15	122	1034
Insulated wires and cables for electrical purposes.	Standard Underground Cable Company.	58,205	Dec. 11	125	2038
Insulated wires and cables for electrical purposes.	Standard Underground Cable Company.	58,206	Dec. 11	125	2038
Insulated wires and cables for electrical purposes.	Standard Underground Cable Company.	58,207	Dec. 11	125	2038
Insulating and sheathing paper and cloth.	J. A. & W. Bird & Co.	52,655	May 15	122	1035
Insulating compound.	Standard Underground Cable Company.	49,876	Feb. 20	120	2436
Insulating compound.	E. Calman & Co.	52,901	May 22	122	1386
Insulating compound. Rubber.	Okonite Company.	50,139	Mar. 6	121	328
Insulating material.	Ohio Brass Company.	57,792	Nov. 27	125	1343
Insulating-tape.	Standard Paint Company.	49,172	Jan. 23	120	1161
Insulating-tape.	Massachusetts Chemical Company.	49,439	Feb. 6	120	1815
Insulating-tape.	Massachusetts Chemical Company.	52,857	May 22	122	1384
Insulation. Heat or cold.	R. E. Kramig & Co.	57,677	Nov. 27	125	1340
Insulation. Heat or cold.	R. E. Kramig & Co.	57,678	Nov. 27	125	1340
Insulation. Material for.	Roessler & Hasslacher Chemical Co.	58,199	Dec. 11	125	2038
Investment and impression compounds.	S. S. White Dental Mfg. Co.	53,360	May 29	122	1718
Investment and impression compounds.	S. S. White Dental Mfg. Co.	53,362	May 29	122	1718
Iron.	B. M. Jones & Co.	55,491	Aug. 14	123	2305
Iron and steel sheets.	George Adams and Sons.	58,186	Dec. 11	125	2037
Iron bars, rods, sheets, plates, hooping, and tires.	Low Moor Company.	51,242	Apr. 10	121	1969
Iron, black, galvanized, or tinned. Sheet.	Wolverhampton Corrugated Iron Co.	58,996	Dec. 25	125	2759
Iron hollow ware. Wrought.	Herman Wupperman Gesellschaft mit beschränkter Haftung.	51,843	Apr. 24	121	2656
Iron. Pig.	Clinton Iron and Steel Company.	51,516	Apr. 17	121	2316
Iron ternes in sheet form. Unmanufactured.	Griffiths Charcoal Iron Mills.	53,977	June 19	122	2676
Ironing boards. Sleeve.	N. A. Brown.	55,845	Aug. 21	123	2617
Ironware. Enameled.	J. M. Kohler Sons Co.	56,925	Oct. 23	124	2530
Isinglass of a gelatinous nature.	Howe & French Isinglass Co.	55,563	Aug. 14	123	2307
Isinglass of a gelatinous nature.	Howe & French Isinglass Co.	55,564	Aug. 14	123	2307
Jacks.	Duff Manufacturing Company.	48,949	Jan. 16	120	897
Jacks, jack-screws, and parts thereof.	Patterson, Gottfried & Hunter.	57,972	Dec. 4	125	1691
Jacks, jack-screws, and parts thereof.	Patterson, Gottfried & Hunter.	57,973	Dec. 4	125	1691
Jacks, jack-screws, and parts thereof.	Patterson, Gottfried & Hunter.	57,974	Dec. 4	125	1691
Jacks, jack-screws, and parts thereof.	Patterson, Gottfried & Hunter.	57,975	Dec. 4	125	1691
Jam, marmalade, and fruit butters and jelly.	Griggs, Cooper & Company.	56,112	Aug. 28	123	2969
Jams and jellies.	Wilkinson, Gaddis & Co.	50,065	Feb. 27	120	2750
Jams, jellies, and preserves.	Siegel, Cooper & Co.	54,180	June 19	122	2684
Jams, jellies, marmalades, preserved and conserved fruits.	Sunlit Fruit Company.	54,183	June 19	122	2684
Jams, jellies, preserves, and pickles.	E. H. North.	55,829	Aug. 21	123	2617
Jars. Fruit.	Hazel-Atlas Glass Company.	54,846	July 31	123	1659
Jeans.	Jefferson Woolen Mills.	56,928	Oct. 23	124	2530
Jellies, jelly-powders, jams, and preserves.	Francis H. Leggett & Company.	49,333	Jan. 30	120	1473
Jelly. Dessert.	Bucknam & Vanderpoel.	53,164	May 29	122	1710
Jelly-powder.	S. J. Valk & Bro.	53,191	May 29	122	1711
Jelly preparation.	Michigan Carbon Works.	50,053	Feb. 27	120	2750
Jelly preparation. Powdered dessert.	Stern & Saalberg Company.	51,390	Apr. 17	121	2312
Jewelers' pendant-bows.	Swartchild & Co.	49,980	Feb. 27	120	2747
Jewelers' saws.	E. P. Reichhelm & Co.	50,566	Oct. 9	124	1837
Jewelry.	Phoenix Jewelry Co.	51,479	Apr. 17	121	2315
Jewelry and silver-plated precious-metal ware. Certain named.	Hamilton & Hamilton, Jr.	57,454	Nov. 13	125	658
Jewelry. Certain named.	Phoenix Jewelry Co.	48,804	Jan. 16	120	892
Jewelry. Certain named.	Parks Bros. & Rogers.	50,384	Mar. 13	121	683
Jewelry. Certain named.	Plainville Stock Company.	55,907	Aug. 21	123	2619
Jewelry. Certain named.	Horton-Angell Company.	58,014	Dec. 4	125	1692
Jewelry. Certain named.	B. A. Ballou & Company.	58,294	Dec. 11	125	2040
Jewelry of all kinds.	Tiffany & Co.	58,872	Dec. 25	125	2756
Jewelry. Sterling-silver.	Theodore W. Foster & Bro. Co.	52,840	May 22	122	1383
Journal-bearings.	Chapman Double Ball Bearing Co. of America.	52,317	May 8	122	715
Journal. Illustrated monthly trade.	D. O. Haynes & Co.	57,055	Oct. 30	124	2897

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Journal. Monthly	Metal Industry Publishing Company.	58,652	Dec. 18	125	2358
Journal or periodical	N. J. Colman.	57,089	Nov. 6	125	341
Journal or periodical	F. G. Lowerre.	57,942	Dec. 4	125	1690
Journal. Trade	M. T. Richardson Company.	50,010	Feb. 27	120	2748
Journal. Weekly	Funk & Wagnalls Company.	58,722	Dec. 25	125	2752
Journals. Periodical	Critic Publishing Company.	55,850	Aug. 21	123	2617
Journals. Trade	Ware Bros. Company.	54,839	July 31	123	1659
Journals. Trade	Ware Bros. Company.	54,840	July 31	123	1659
Journals. Trade	Ware Bros. Company.	54,841	July 31	123	1659
Journals. Trade	Ware Bros. Company.	54,842	July 31	123	1659
Journal. Weekly	Merchants' Review Publishing Co.	57,001	Oct. 30	124	2896
Journal. Weekly	Shoe Retailer Company.	57,006	Oct. 30	124	2896
Journal. Weekly	Towse Publishing Co.	57,008	Oct. 30	124	2896
Journal. Weekly	Jos. M. Wade Publishing Co.	57,058	Oct. 30	124	2897
Journal. Weekly	Railroad Gazette.	57,065	Oct. 30	124	2898
Journal. Weekly	Funk & Wagnalls Company.	57,075	Oct. 30	124	2898
Journal. Weekly trade	D. O. Haynes & Co.	56,993	Oct. 30	124	2896
Kersey and cassimere.	W. J. Dickey & Sons.	57,308	Nov. 13	125	654
Kerseys and cassimeres.	W. J. Dickey & Sons.	51,912	Apr. 24	121	2658
Kerseys and cassimeres.	W. J. Dickey & Sons.	53,108	May 29	122	1707
Keys. Cushion finger—	Munson Supply Company.	52,364	May 8	122	717
Kid. Glazed and dull or "mat"	Keystone Leather Co.	50,008	Feb. 27	120	2748
Kimonos and dressing-sacks.	Lion Bros Co.	55,546	Aug. 14	123	2306
Kindling for wood and coal fires.	Wilson & Harris.	56,199	Aug. 28	123	2971
Kinetoscopes and kinetoscopic films.	Edison Manufacturing Company.	57,962	Dec. 4	125	1691
Knife-sections.	Whitman & Barnes Manufacturing Company.	52,876	May 22	122	1385
Knives and box-scrapers. Drawing—	Simmons Hardware Company.	56,154	Aug. 28	123	2970
Knives and razors.	Hibbard, Spencer, Bartlett & Company.	54,060	June 19	122	2679
Knives and razors.	E. Krusius.	54,171	June 19	122	2684
Knives and razors.	Hibbard, Spencer, Bartlett & Company.	54,246	June 26	122	2987
Knives and razors.	Wester Bros.	54,458	June 26	122	2996
Knives and razors.	A. Baldwin & Co.	54,696	June 26	122	3006
Knives and razors. Certain named	Hibbard, Spencer, Bartlett & Company.	52,680	May 15	122	1036
Knives and razors. Certain named	Hibbard, Spencer, Bartlett & Company.	52,682	May 15	122	1036
Knives and razors. Pocket—	A. Kastor & Bros.	48,928	Jan. 16	120	896
Knives and razors. Pocket—	Northfield Knife Company.	54,877	July 31	123	1660
Knives and razors. Pocket—	Wester Bros.	58,509	Dec. 18	125	2355
Knives and razors. Pocket and table.	Dillemann Fils & Co.	56,607	Oct. 9	124	1838
Knives and slicers.	M. G. Rodearmel.	48,719	Jan. 9	120	651
Knives, carvers, and razors. Pocket and farriers'	A. Kastor & Bros.	58,229	Dec. 11	125	2039
Knives. Carving—	Landers, Frary and Clark.	54,875	July 31	123	1660
Knives. Certain named	Hibbard, Spencer, Bartlett & Company.	53,178	May 29	122	1710
Knives. Certain named	Harrington Cutlery Co.	56,275	Sept. 4	124	315
Knives. Corn and hay	Simmons Hardware Company.	53,712	June 12	122	2377
Knives. Culinary.	Wilkinson Shear & Cutlery Co.	54,071	June 19	122	2680
Knives, forks, and spoons. Britannia.	Gebr. Noelle.	50,984	Apr. 3	121	1664
Knives, forks, and spoons. Plated.	International Silver Company.	57,458	Nov. 13	125	659
Knives, forks, and spoons which are made of steel and tinned	R. Wallace & Sons Mfg. Co.	48,527	Jan. 2	120	318
Knives. Pocket—	Challenge Cutlery Corporation.	49,998	Feb. 27	120	2747
Knives. Hay, straw, and corn.	D. Wadsworth & Son.	55,412	Aug. 14	123	2303
Knives. Pocket—	H. Böker & Co.	50,868	Apr. 3	121	1659
Knives. Pocket—	F. Köller & Co.	50,904	Apr. 3	121	1661
Knives. Pocket—	Wiebusch & Hilger.	52,496	May 8	122	722
Knives. Pocket—	C. F. Boker.	52,566	May 15	122	1031
Knives. Pocket—	Graef & Schmidt.	52,752	May 15	122	1039
Knives. Pocket—	A. Kastor & Bros.	52,853	May 22	122	1384
Knives. Pocket—	Supplee Hardware Company.	52,964	May 22	122	1388
Knives. Pocket—	C. F. Boker.	53,115	May 29	122	1708
Knives. Pocket—	Simmons Hardware Company.	53,709	June 12	122	2377
Knives. Pocket—	Pavian-Adams Co.	56,146	Aug. 28	123	2970
Knives. Pocket—	C. F. Boker.	57,033	Oct. 30	124	2897
Knives. Pocket—	Son Brothers & Co.	58,930	Dec. 25	125	2758
Knives. Pocket and butcher	James C. Lindsay Hardware Company.	53,754	June 12	122	2379
Knives, razors, scissors, and shears. Table and pocket.	Dunham, Carrigan & Hayden Company.	57,746	Nov. 27	125	1342
Knives, razors, scissors, and shears. Table and pocket.	Dunham, Carrigan & Hayden Company.	57,747	Nov. 27	125	1342
Knives, scissors, and razors.	J. W. Biggins.	57,439	Nov. 13	125	650
Knives, scissors, and shears.	H. Hessenbruch.	56,302	Sept. 11	124	619
Knives, scissors, shears, and razors. Pocket and table.	Dunham, Carrigan & Hayden Co.	57,961	Dec. 4	125	1691
Knives, shears, and scissors. Pocket and table.	Baker & Hamilton.	57,775	Nov. 27	125	1342
Knives. Table and carving.	Landers, Frary and Clark.	57,737	Nov. 27	125	1343
Knit drawers.	Indianapolis Knitting Mills.	57,381	Nov. 13	125	656
Knit goods. Certain named	L. H. Hays.	56,661	Oct. 16	124	2171
Knit goods in the piece.	French & Ward.	52,717	May 15	122	1037
Knit head-gear, including tams, toques, and caps	Stephenson & Co.	51,956	Apr. 24	121	2660
Knit hosiery	Murphy, Grant & Co.	51,806	Apr. 24	121	2654
Knit hosiery	Chicago-Kenosha Hosiery Co.	57,375	Nov. 13	125	656
Knit hosiery and underwear	M. & C. Mayer.	48,929	Jan. 16	120	896
Knit hosiery and underwear	M. & C. Mayer.	49,908	Feb. 20	120	2437
Knit hosiery and underwear	M. & C. Mayer.	49,909	Feb. 20	120	2437
Knit hosiery, underwear, sweaters, and gloves.	Dalsimer Brothers.	56,159	Aug. 28	123	2970
Knit jackets and sweaters.	Stephenson & Co.	52,379	May 8	122	718
Knit leggings.	N. Jacob & Sons.	58,680	Dec. 25	125	2757
Knit stockings, socks, undershirts, and underdrawers.	Ernstthal & Pohly.	56,067	Aug. 21	123	2623
Knit undershirts and drawers	Cooper Underwear Co.	54,890	July 31	123	1660
Knit underwear.	Northwestern Knitting Company	49,004	Jan. 16	120	899

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Knit underwear.	Direct Supply Co.	49,734	Feb. 13	120	2121
Knit underwear.	Direct Supply Co.	49,735	Feb. 13	120	2122
Knit underwear.	Abraham & Straus.	51,309	Apr. 10	121	1972
Knit underwear.	Murphy, Grant & Co.	51,805	Apr. 24	121	2654
Knit underwear.	J. H. Semel & Co.	53,870	June 12	122	2383
Knit underwear.	Harris-Emery Company.	58,864	Dec. 25	125	2756
Knit underwear and hosiery.	Chas. A. Stevens & Bros.	48,652	Jan. 9	120	648
Knitted cloth having a napped or fleeced face.	French & Ward.	55,241	Aug. 7	123	1985
Knitted covers for hot-water bottles.	Gloversville Knitting Co.	50,590	Mar. 27	121	1335
Knitted gloves.	Brown Durrell & Co.	58,915	Dec. 25	125	2757
Knitted hosiery and underwear.	I. & R. Morley.	55,134	Aug. 7	123	1983
Knitted hosiery, undershirts, and drawers.	J. W. Mettler.	49,830	Feb. 20	120	2434
Knitted hosiery, undershirts, and drawers.	Carson Pirie Scott & Co.	53,094	May 29	122	1707
Knitted shirts, drawers, vests, and pants.	Fred W. Millington.	56,920	Oct. 23	124	2530
Knitted stockings.	Hecht, Hirschler Co.	56,069	Aug. 21	123	2623
Knitted stockings.	J. A. Parker.	56,175	Aug. 28	123	2970
Knitted stockings.	J. A. Parker.	56,176	Aug. 28	123	2970
Knitted stockings.	J. A. Parker.	57,816	Nov. 27	125	1343
Knitted underwear.	Glastonbury Knitting Company.	49,768	Feb. 13	120	2123
Knitted underwear.	C. E. Smith.	52,377	May 8	122	717
Knitted underwear.	G. W. Schlechten.	54,904	July 31	123	1660
Knitted underwear.	William Carter Company.	57,489	Nov. 13	125	659
Knitted underwear.	William Carter Company.	57,523	Nov. 13	125	668
Knitted underwear.	Ryff & Co.	57,838	Nov. 27	125	1344
Knitted underwear and hosiery.	Marshall Field & Company.	54,674	June 26	122	3005
Knitted underwear and hosiery.	J. S. Reeves & Co.	57,627	Nov. 20	125	987
Knitting-machine needles.	Excelsior Needle Company.	54,918	Aug. 7	123	1977
Kümmel.	Charles Jacquin et Cie.	49,791	Feb. 20	120	2433
Laces. Shoe.	Narrow Fabric Co.	54,014	June 19	122	2677
Laces. Shoe and corset.	F. W. Whitecher.	58,876	Dec. 25	125	2756
Laces. Shoe and corset.	F. W. Whitecher.	58,966	Dec. 25	125	2759
Lacing-hooks and lacing-studs.	Tubular Rivet & Stud Company.	50,214	Mar. 6	121	331
Ladders of all kinds. Wooden.	Miller Ladder Company.	49,548	Feb. 6	120	1820
Ladies' wear. Certain named articles of.	W. Trevor.	57,183	Nov. 6	125	343
Ladies' wear. Certain named articles of.	W. Trevor.	57,202	Nov. 6	125	344
Lamp and gas black.	L. Martin Company.	55,089	Aug. 7	123	1981
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,761	Nov. 27	125	1342
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,762	Nov. 27	125	1342
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,763	Nov. 27	125	1342
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,764	Nov. 27	125	1342
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,765	Nov. 27	125	1342
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,925	Dec. 4	125	1690
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	57,926	Dec. 4	125	1690
Lamp and lantern burners. Oil-burning.	R. E. Dietz Company.	58,038	Dec. 4	125	1693
Lamp and lantern globes.	R. E. Dietz Company.	58,315	Dec. 11	125	2041
Lamp and lantern globes.	R. E. Dietz Company.	58,316	Dec. 11	125	2041
Lamp and lantern globes.	R. E. Dietz Company.	58,317	Dec. 11	125	2041
Lamp and lantern globes.	R. E. Dietz Company.	58,318	Dec. 11	125	2041
Lamp and lantern globes.	R. E. Dietz Company.	58,319	Dec. 11	125	2041
Lamp-chimneys.	F. Euler & Co.	48,619	Jan. 9	120	647
Lamp-chimneys.	Geo. A. Young Co.	57,504	Nov. 13	125	658
Lamp-chimneys.	La Bastie Glass Co.	58,682	Dec. 25	125	2751
Lamp-chimneys.	La Bastie Glass Co.	58,798	Dec. 25	125	2754
Lamp-chimneys and lamp-globes.	L. H. Peltason.	49,723	Feb. 13	120	2121
Lamp-chimneys and lantern-globes.	R. E. Tongue & Bros.	51,458	Apr. 17	121	2314
Lamp-chimneys. Glass.	La Bastie Glass Co.	50,618	Mar. 27	121	1336
Lamp glasses and globes.	Macbeth-Evans Glass Company.	48,502	Jan. 2	120	317
Lamp glasses and globes.	Macbeth-Evans Glass Company.	48,586	Jan. 2	120	320
Lamp glasses and globes.	Macbeth-Evans Glass Company.	50,330	Mar. 13	121	681
Lamp glasses and globes.	Macbeth-Evans Glass Company.	54,834	July 31	123	1658
Lamps.	Clarke's Pyramid and Fairy Light Company.	50,408	Mar. 13	121	684
Lamps and accessories, sockets, keys, commutators. Electric glow.	L'Electricque Erdébé Sté Anonyme.	57,095	Nov. 6	125	341
Lamps and accessories, sockets, keys, commutators. Electric glow.	L'Electricque Erdébé Sté Anonyme.	57,096	Nov. 6	125	341
Lamps and carbons therefor. Electric.	H. M. Hirschberg.	58,488	Dec. 18	125	2354
Lamps and electric lighting apparatus. Incandescent electric.	Edison and Swan United Electric Light Company.	52,621	May 15	122	1033
Lamps and fittings of metal for same. Incandescent electric.	Edison and Swan United Electric Light Company.	52,320	May 8	122	715
Lamps and generators. Acetylene.	A. H. Funke.	50,572	Mar. 20	121	1008
Lamps and generators therefor for motor-vehicles. Acetylene.	A. H. Funke.	53,270	May 29	122	1714
Lamps and lanterns and parts thereof.	R. E. Dietz Company.	54,289	June 26	122	2989
Lamps and lanterns and parts thereof. Tubular.	R. E. Dietz Company.	56,291	Sept. 4	124	315
Lamps and lanterns. Oil-burning.	R. E. Dietz Company.	57,760	Nov. 27	125	1342
Lamps and lanterns. Oil-burning.	R. E. Dietz Company.	57,793	Nov. 27	125	1343
Lamps and lanterns. Oil-burning.	R. E. Dietz Company.	57,794	Nov. 27	125	1343
Lamps and lanterns. Oil-burning.	R. E. Dietz Company.	58,003	Dec. 4	125	1692
Lamps and lanterns. Railway.	Armspear Manufacturing Company.	49,757	Feb. 13	120	2122
Lamps and lanterns. Railway.	Armspear Manufacturing Company.	49,758	Feb. 13	120	2122
Lamps and lanterns. Railway.	Armspear Manufacturing Company.	50,956	Apr. 3	121	1663
Lamps and stoves. Petroleum.	Aktiebolaget Lux.	57,405	Nov. 13	125	625
Lamps and the parts thereof. Inverted gas.	Manhattan Screw & Stamping Works.	56,017	Aug. 21	123	2622
Lamps. Automobile oil.	General Automobile Supply Company.	55,328	Aug. 14	123	2301
Lamps. Candle.	Clarke's Pyramid and Fairy Light Company.	50,324	Mar. 13	121	681
Lamps. Carbureting.	General Safety Mantle Light Co.	54,766	July 3	123	317
Lamps. Electric.	Franklin Electric Mfg. Co.	52,622	May 15	122	1034
Lamps. Electric-arc.	Jandus Electric Co.	49,250	Jan. 30	120	1470

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Lamps. Electric arc and incandescent.....	Körting & Mathiesen Aktiengesellschaft.	55,506	Aug. 14	123	2305
Lamps for generating and burning acetylene gas.....	Acetylene Lamp Co.....	55,959	Aug. 21	123	2620
Lamps for vehicles and boats. Gas and oil.....	Sibley & Pitman.....	58,453	Dec. 18	125	2353
Lamps. Incandescent electric.....	Columbia Incandescent Lamp Co.	49,034	Jan. 23	120	1156
Lamps. Incandescent electric.....	Edison and Swan United Electric Light Company.	52,620	May 15	122	1033
Lamps. Incandescent electric.....	General Electric Company.....	57,110	Nov. 6	125	311
Lamps. Incandescent electric.....	General Electric Company.....	57,751	Nov. 27	125	1342
Lamps. Incandescent electric.....	General Electric Company.....	57,804	Nov. 27	125	1343
Lamps. Incandescent electric.....	General Electric Company.....	57,805	Nov. 27	125	1343
Lamps. Incandescent electric.....	General Electric Company.....	58,521	Dec. 13	125	2355
Lamps. Incandescent electric.....	General Electric Company.....	58,522	Dec. 13	125	2355
Lamps. Incandescent mantles for gas.....	Block Light Company.....	51,013	Apr. 3	121	1665
Lamps, lanterns, and parts thereof.....	Fr. Stübgen & Co.....	48,807	Jan. 16	120	892
Lamps made of glass. Decorated vase.....	Phoenix Glass Co.....	53,562	June 5	122	2055
Lamps of all kinds. Electric.....	Körting & Mathiesen Aktiengesellschaft.	52,424	May 8	122	719
Lamps. Oil.....	Angle Manufacturing Company.....	56,711	Oct. 16	124	2173
Lamps. Oil.....	Standard Oil Company.....	57,820	Nov. 27	125	1344
Lamps. Oil-burning.....	R. E. Dietz Company.....	58,499	Dec. 18	125	2354
Lamps. Oil-burning dark-room.....	R. E. Dietz Company.....	57,003	Oct. 30	124	2896
Lamps. Oil-burning engine, switch, and rear-signal.....	R. E. Dietz Company.....	57,796	Nov. 27	125	1343
Lamps. Oil-burning engine, switch, and rear-signal.....	R. E. Dietz Company.....	57,798	Nov. 27	125	1343
Lamps. Oil-burning vehicle.....	R. E. Dietz Company.....	57,795	Nov. 27	125	1343
Lamps. Oil-burning vehicle.....	R. E. Dietz Company.....	57,797	Nov. 27	125	1343
Lamps. Oil-burning vehicle.....	R. E. Dietz Company.....	57,922	Dec. 4	125	1690
Lamps. Self-carbureting.....	G. H. Holgate.....	53,144	May 29	122	1709
Lanolin and lanolin salves.....	Wollwäscherei und Kämmerlei, Döhren bei Hannover.	58,052	Dec. 4	125	1693
Lanolin and preparations thereof.....	Wollwäscherei und Kämmerlei, Döhren bei Hannover.	57,875	Nov. 27	125	1345
Lantern-burners.....	R. E. Dietz Company.....	52,817	May 15	122	1041
Lantern-globes.....	Libbey Glass Company.....	55,042	Aug. 7	123	1980
Lantern-globes.....	Libbey Glass Company.....	55,092	Aug. 7	123	1982
Lanterns.....	Hibbard, Spencer, Bartlett & Company.	57,806	Nov. 27	125	1343
Lanterns. Magic.....	Geo. Borgfeldt & Co.....	56,040	Aug. 21	123	2623
Lanterns. Oil-burning.....	R. E. Dietz Company.....	57,923	Dec. 4	125	1690
Lanterns. Oil-burning.....	R. E. Dietz Company.....	57,924	Dec. 4	125	1690
Lanterns. Oil-burning.....	R. E. Dietz Company.....	57,977	Dec. 4	125	1691
Lanterns. Oil-burning.....	R. E. Dietz Company.....	57,978	Dec. 4	125	1691
Lanterns. Oil-burning.....	R. E. Dietz Company.....	57,979	Dec. 4	125	1691
Lanterns. Oil-burning.....	R. E. Dietz Company.....	58,000	Dec. 4	125	1692
Lanterns. Oil-burning.....	R. E. Dietz Company.....	58,001	Dec. 4	125	1692
Lanterns. Oil-burning.....	R. E. Dietz Company.....	58,002	Dec. 4	125	1692
Lanterns. Oil-burning.....	R. E. Dietz Company.....	58,037	Dec. 4	125	1693
Lanterns. Tubular.....	R. E. Dietz Company.....	57,759	Nov. 27	125	1342
Lard.....	Gillespie Bros. & Co.....	48,620	Jan. 9	120	647
Lard.....	Swift and Company.....	48,698	Jan. 9	120	650
Lard.....	Francis H. Leggett & Company.....	49,520	Feb. 6	120	1819
Lard.....	P. G. Cromwell.....	49,899	Feb. 20	120	2437
Lard.....	Cudahy Packing Co.....	50,295	Mar. 6	121	334
Lard.....	Cudahy Packing Co.....	50,297	Mar. 6	121	334
Lard.....	N. K. Fairbank Company.....	53,464	June 5	122	2051
Lard.....	N. K. Fairbank Company.....	53,465	June 5	122	2051
Lard.....	Golden and Company.....	54,510	June 26	122	2998
Lard.....	S. Ewart & Co.....	56,299	Sept. 4	124	315
Lard.....	H. P. Fritot.....	56,447	Sept. 25	124	1202
Lard.....	Armour & Company.....	56,864	Oct. 23	124	2528
Lard and certain named meats.....	Schwarzschild and Sulzberger Company.	57,608	Nov. 13	125	662
Lard and certain named meats.....	Schwarzschild and Sulzberger Company.	57,609	Nov. 13	125	662
Lard and lard compound.....	Cudahy Packing Company.....	49,170	Jan. 23	120	1161
Lard and lard compound.....	N. K. Fairbank Company.....	49,694	Feb. 13	120	2120
Lard and lard compound.....	Swift and Company.....	56,976	Oct. 30	124	2865
Lard and lard compounds.....	Swift and Company.....	51,051	Apr. 3	121	1667
Lard. Fancy kettle-rendered.....	F. Stokes & Son.....	55,582	Aug. 14	123	2307
Lard. Leaf.....	Parker, Webb & Co.....	57,603	Nov. 13	125	662
Lard substitute.....	S. H. Read.....	55,186	Aug. 7	123	1984
Lards.....	J. & F. Schroth Packing Co.....	54,377	June 26	122	2992
Laryngoscopes.....	W. Boekel and Company.....	50,323	Mar. 13	121	681
Latches, bolts, and fasteners.....	Stanley Works.....	57,983	Dec. 4	125	1692
Lathes.....	S. S. White Dental Mfg. Co.....	49,084	Jan. 23	120	1158
Lathes.....	Patterson, Gottfried & Hunter.....	49,347	Jan. 30	120	1473
Lathes.....	National-Acme Manufacturing Company.	49,597	Feb. 13	120	2116
Lathes.....	Vandyck Churchill Company.....	52,387	May 8	122	718
Lathes. Metal-turning.....	Lodge & Shipley Machine Tool Co.	49,595	Feb. 13	120	2116
Laundry tablets.....	J. Oberndorfer.....	57,898	Dec. 4	125	1689
Laxative.....	Dr. Shoop Family Medicine Co.....	52,247	May 1	122	348
Laxative.....	M. H. Johnston.....	54,109	June 19	122	2681
Laxative compound or preparation.....	H. S. Cooley.....	49,467	Feb. 6	120	1817
Laxative fruit preparation. Effervescent.....	H. J. Mayers.....	49,565	Feb. 20	120	2436
Laxative preparation.....	J. L. Speights.....	55,909	Aug. 21	123	2619
Laxatives.....	Paracamp Company.....	50,253	Mar. 6	121	332
Laxatives.....	W. S. Johnson & Son.....	52,487	May 8	122	722
Laxatives.....	Bristol-Myers Company.....	52,497	May 8	122	722
Laxatives.....	Frederick Stearns & Co.....	53,076	May 22	122	1393
Laxatives.....	K. K. K. Medicine Company.....	53,083	May 22	122	1393
Laxatives.....	Inland Chemical Co.....	56,045	Aug. 21	123	2623
Laxatives.....	Frederick Stearns & Co.....	58,752	Dec. 25	125	2753
Laxatives.....	E. R. Balaguer.....	59,011	Dec. 25	125	2760
Lead.....	Selby Smelting and Lead Company	50,389	Mar. 13	121	683
Lead and linseed-oil. Oxids of.....	National Lead Company.....	57,466	Nov. 13	125	658

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Lead and oxids of lead. White.	National Lead Company.	50,859	Apr. 3	121	1659
Lead and oxids of lead. White.	National Lead Company.	51,301	Apr. 10	121	1971
Lead and oxids of lead. White.	National Lead Company.	51,403	Apr. 17	121	2312
Lead and oxids of lead. White.	National Lead Company.	51,404	Apr. 17	121	2312
Lead and oxids of lead. White.	National Lead Company.	51,405	Apr. 17	121	2312
Lead and oxids of lead. White.	National Lead Company.	53,983	June 19	122	2676
Lead and oxids of lead. White.	National Lead Company.	53,984	June 19	122	2676
Lead and oxids of lead. White.	National Lead & Oil Co. of Pa.	53,985	June 19	122	2676
Lead and oxids of lead. White.	National Lead & Oil Company.	54,016	June 19	122	2677
Lead and oxids of lead. White.	National Lead & Oil Company.	54,017	June 19	122	2677
Lead and oxids of lead. White.	National Lead & Oil Co. of Pa.	56,416	Sept. 25	124	1201
Lead and oxids of lead. White.	National Lead & Oil Co. of Pa.	56,417	Sept. 25	124	1201
Lead and oxids of lead. White.	National Lead & Oil Co. of Pa.	56,418	Sept. 25	124	1201
Lead and oxids of lead. White.	National Lead & Oil Co. of Pa.	56,419	Sept. 25	124	1201
Lead and white lead. Oxids of.	National Lead Company.	55,400	Aug. 14	123	2302
Lead. Oxids of.	National Lead & Oil Co. of Pa.	54,018	June 19	122	2677
Lead. Oxids of.	National Lead Company.	56,252	Sept. 4	124	314
Lead. Pure red.	Eagle White Lead Co.	49,395	Feb. 6	120	1814
Lead. White.	National Lead Company.	48,525	Jan. 2	120	318
Lead. White.	National Lead Company.	49,291	Jan. 30	120	1471
Lead. White.	National Lead Company.	49,292	Jan. 30	120	1471
Lead. White.	Toch Brothers.	49,321	Jan. 30	120	1472
Lead. White.	National Lead Company.	49,665	Feb. 13	120	2119
Lead. White.	National Lead Company of Massachusetts.	49,866	Feb. 20	120	2436
Lead. White.	Toch Brothers.	50,704	Mar. 27	121	1340
Lead. White.	National Lead Company.	51,244	Apr. 10	121	1969
Lead. White.	National Lead Company.	51,245	Apr. 10	121	1969
Lead. White.	National Lead Company.	51,300	Apr. 10	121	1971
Lead. White.	National Lead Company.	51,302	Apr. 10	121	1971
Lead. White.	National Lead Company.	51,303	Apr. 10	121	1972
Lead. White.	M. Lubelsky & Son.	53,728	June 12	122	2378
Lead. White.	John T. Lewis & Bros. Co.	53,981	June 19	122	2676
Lead. White.	John T. Lewis & Bros. Co.	53,982	June 19	122	2676
Lead. White.	National Lead Company.	54,015	June 19	122	2677
Lead. White.	National Lead Company.	54,222	June 19	122	2685
Lead. White.	J. Jacobs.	55,502	Aug. 14	123	2305
Lead. White.	National Lead Company.	56,357	Sept. 18	124	901
Lead. White.	National Lead Company.	56,815	Oct. 23	124	2547
Lead. White.	Carter White Lead Co.	57,883	Dec. 4	125	1689
Leather.	Joseph N. Eisendrath Company.	49,738	Feb. 13	120	2122
Leather.	Joseph N. Eisendrath Company.	49,739	Feb. 13	120	2122
Leather. Buffed.	P. Rielly & Son.	48,828	Jan. 16	120	893
Leather, calfskins, and waxed calfskins. Patent.	C. Heyl.	48,818	Jan. 16	120	892
Leather. Chrome-tanned.	P. Rielly & Son.	50,592	Mar. 27	121	1335
Leather. Cut and uncut sole.	A. F. Schenkelberger.	54,683	June 26	122	3005
Leather-dressing.	Alfred Andresen & Co.	54,092	June 19	122	2681
Leather. Dressing for softening and preserving.	A. F. Reach Co.	51,435	Apr. 17	121	2313
Leather-dressings in liquid, paste, and solid form.	Frank Miller Company.	50,698	Mar. 27	121	1339
Leather. Dull-black and colored calf.	Barnet Leather Co.	50,603	Mar. 27	121	1336
Leather. Enameled.	Wolff Process Leather Company.	51,489	Apr. 17	121	2315
Leather. Enameled.	Barnet Leather Co.	52,564	May 15	122	1031
Leather. Finished or dressed.	Corona Kid Company.	51,121	Apr. 3	121	1670
Leather. Finished or dressed.	Corona Kid Company.	51,122	Apr. 3	121	1670
Leather for boots and shoes.	A. C. Lawrence Leather Co.	54,317	June 26	122	2900
Leather for boots and shoes. Upper.	Thayer Foss & Co.	49,797	Feb. 20	120	2433
Leather for shoes, gloves, and harness.	Pfister & Vogel Leather Company.	51,427	Apr. 17	121	2313
Leather for shoes, harness, and gloves.	A. Trostel & Sons.	56,703	Oct. 16	124	2172
Leather for shoes. Patent.	W. D. Byron & Sons.	55,342	Aug. 14	123	2301
Leather for the uppers of shoes.	R. H. Foerderer.	48,510	Jan. 2	120	317
Leather for the uppers of shoes.	Robert H. Foerderer.	48,829	Jan. 16	120	893
Leather goods. Certain named.	C. F. Rump & Sons.	48,912	Jan. 16	120	896
Leather. Harness.	Cappon & Bertsch Leather Co.	48,472	Jan. 2	120	316
Leather. Harness.	Chas. F. Stifel Company.	54,352	June 26	122	2991
Leather. Harness.	Haffner Bros.	54,825	July 31	123	1658
Leather. Harness and saddlery.	W. W. Mooney & Sons.	49,138	Jan. 23	120	1160
Leather. Harness and saddlery.	W. W. Mooney & Sons.	49,176	Jan. 23	120	1161
Leather. Harness and saddlery.	W. W. Mooney & Sons.	49,177	Jan. 23	120	1161
Leather. Harness and saddlery.	American Oak Leather Company.	53,135	May 29	122	1708
Leather. Harness and saddlery.	W. W. Mooney & Sons.	57,841	Nov. 27	125	1344
Leather. Harness and skirting.	William Flaccus Oak Leather Company.	57,048	Oct. 30	124	2897
Leather. Harness, sole, and skirting.	A. B. Patrick & Co.	51,758	Apr. 24	121	2652
Leather. Imitation.	F. W. Whiteher.	50,357	Mar. 13	121	682
Leather. Imitation.	British Pluviusin Company.	56,487	Oct. 2	124	1517
Leather known as kid.	M. Beadenkopf.	49,463	Feb. 6	120	1816
Leather. Lace.	New York Leather Belting Co.	49,934	Feb. 27	120	2745
Leather made from sheep and goat skins. Kid.	A. B. Clark Co.	56,220	Sept. 4	124	313
Leather. Manufactured imitation.	Pantasote Leather Co.	57,945	Dec. 4	125	1601
Leather. Oak harness.	R. Suhre Sons.	58,696	Dec. 25	125	2757
Leather, oak-tanned cowhide, skirting, and cut stock. Harness.	Kullman, Salz & Company.	51,900	Apr. 24	121	2658
Leather. Patent.	A. C. Lawrence Leather Co.	49,986	Feb. 27	120	2747
Leather. Patent.	Keystone Leather Co.	55,688	Aug. 21	123	2613
Leather-polish.	Whittemore Brothers and Company.	48,628	Jan. 9	120	647
Leather-polish.	Whittemore Bros. and Co.	49,698	Feb. 13	120	2120
Leather polish.	Whittemore Brothers and Company.	54,803	July 31	123	1658
Leather-polish.	Whittemore Brothers and Company.	56,343	Sept. 11	124	620
Leather-polish.	Whittemore Brothers and Company.	56,364	Sept. 18	124	901
Leather-polish.	Whittemore Brothers and Company.	56,428	Sept. 25	124	1201
Leather polish and dressing.	S. Graziano & Co.	57,591	Nov. 13	125	662

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Leather polishing, cleaning, and preserving preparations.....	Fritz Schulz Jun. Aktiengesellschaft.	48,780	Jan. 16	120	891
Leather. Sheep, calf, goat, and kid.....	A. B. Clark Co.....	54,052	June 19	122	2679
Leather. Sheep, calf, goat, and kid.....	A. B. Clark Co.....	54,053	June 19	122	2679
Leather. Sheep, kid, calf, and goat.....	A. B. Clark Co.....	53,265	May 29	122	1714
Leather sheets. Pasted.....	Western Leather Company.....	53,392	June 5	122	2048
Leather sheets. Pasted.....	Western Leather Company.....	53,393	June 5	122	2048
Leather sheets. Pasted.....	Western Leather Company.....	53,394	June 5	122	2048
Leather sheets. Pasted.....	Western Leather Company.....	53,395	June 5	122	2048
Leather sheets. Pasted.....	Western Leather Company.....	53,765	June 12	122	2379
Leather sheets. Pasted.....	Western Leather Company.....	53,766	June 12	122	2379
Leather sheets. Pasted.....	Western Leather Company.....	53,801	June 12	122	2381
Leather sheets. Pasted.....	Western Leather Company.....	53,802	June 12	122	2381
Leather. Shoe.....	A. Trostel & Sons.....	56,947	Oct. 23	124	2530
Leather. Shoe.....	Surpass Leather Co.....	58,848	Dec. 25	125	2755
Leather. Shoe and glove.....	Surpass Leather Company.....	58,324	Dec. 11	125	2041
Leather. Shoe and glove.....	Surpass Leather Company.....	58,615	Dec. 18	125	2358
Leather. Shoe and glove.....	Surpass Leather Company.....	58,616	Dec. 18	125	2358
Leather. Sole.....	S. H. Frank & Co.....	50,209	Mar. 6	121	330
Leather. Sole.....	J. M. Delaney & Co.....	51,829	Apr. 24	121	2655
Leather. Sole.....	Wm. F. Mosser & Co.....	54,608	June 26	122	3002
Leather. Sole.....	J. M. Delaney & Co.....	57,194	Nov. 6	125	344
Leather. Sole and harness.....	M. Hessberg.....	50,972	Apr. 3	121	1664
Leather. Stuffing for.....	W. L. Alexander.....	49,026	Jan. 23	120	1155
Leather. Tanned.....	Leas & McVitty.....	48,823	Jan. 16	120	893
Leather. Upper.....	J. S. Barnett & Sons.....	57,024	Oct. 30	124	2897
Leather whitening and coloring preparation.....	Joseph Pickering & Sons.....	57,244	Nov. 6	125	345
Leather writing sets, blotting and writing pads.....	Gorham Mfg. Co.....	54,597	June 26	122	3002
Ledgers.....	Richmond & Backus Co.....	52,305	May 8	122	714
Ledgers, binders, files, and leaves therefor. Loose-leaf.....	Tengwall Company.....	53,391	June 5	122	2048
Leggings.....	Rosenwasser Bros.....	52,042	May 1	122	340
Leggings. Leather.....	Chanavas & Slazenger.....	52,245	May 1	122	348
Leggings or overgaiters.....	Columbia Overgaiter & Legging Co.....	49,229	Jan. 30	120	1469
Legs, arms, feet, and hands. Artificial.....	A. A. Marks.....	54,941	Aug. 7	123	1977
Lemonades. Chemical preparations for use in making.....	Chemische Industrie A.-G. St. Margrethen.....	51,777	Apr. 24	121	2653
Lever. Lumber-handling.....	J. M. Ferriss, Jr.....	52,846	May 22	122	1384
Lightning-arresters.....	General Electric Company.....	57,750	Nov. 27	125	1342
Lightning-rods.....	Dodd & Struthers.....	49,586	Feb. 13	120	2116
Lime.....	Norris & Christian Stone & Lime Co.....	51,406	Apr. 17	121	2312
Lime.....	Harpers Ferry Lime Company.....	55,479	Aug. 14	123	2304
Lime.....	Harpers Ferry Lime Company.....	55,634	Aug. 21	123	2612
Lime.....	Rock Plaster Company of New York and New Jersey.....	56,257	Sept. 4	124	314
Lime and plaster.....	Rock Plaster Co. of New York & New Jersey.....	52,588	May 15	122	1032
Lime. Chlorid of.....	A. Mendleson's Sons.....	54,675	June 26	122	3005
Linen and cotton piece goods.....	G. C. Riggs.....	52,475	May 8	122	721
Linen damasks.....	G. W. MacCutecheon.....	58,243	Dec. 11	125	2039
Linen and linen piece goods.....	G. C. Riggs.....	52,449	May 8	122	720
Linens. Plain and fancy.....	Meyer, Martin & Co.....	58,369	Dec. 11	125	2042
Liniment.....	Van Vleet-Mansfield Drug Co.....	48,904	Jan. 16	120	895
Liniment.....	Dr. S. I. Tobias.....	49,135	Jan. 23	120	1160
Liniment.....	World's Dispensary Medical Association.....	49,582	Feb. 13	120	2116
Liniment.....	F. G. Boynton.....	49,993	Feb. 27	120	2747
Liniment.....	J. J. Walsh.....	50,307	Mar. 6	121	334
Liniment.....	Dr. Peter Fahrney & Sons Co.....	50,526	Mar. 20	121	1006
Liniment.....	J. M. Hood.....	50,744	Mar. 27	121	1341
Liniment.....	W. B. Hadley.....	50,784	Mar. 27	121	1343
Liniment.....	P. L. Hoover & Bros.....	50,788	Mar. 27	121	1343
Liniment.....	D. Ransom, Son and Company.....	51,519	Apr. 17	121	2317
Liniment.....	J. F. Ballard.....	51,603	Apr. 17	121	2320
Liniment.....	E. F. Bantz.....	51,920	Apr. 24	121	2659
Liniment.....	Minard's Liniment Manufacturing Company.....	52,210	May 1	122	347
Liniment.....	Caco Chemical Co.....	53,241	May 29	122	1713
Liniment.....	Goodrich & Jennings.....	53,245	May 29	122	1713
Liniment.....	Hinkley Bone Liniment Company.....	53,312	May 29	122	1715
Liniment.....	H. E. Wensch, Jr.....	53,944	June 12	122	2386
Liniment.....	F. A. Richter.....	54,292	June 26	122	2989
Liniment.....	E. S. Sloan.....	54,295	June 26	122	2989
Liniment.....	W. P. Ward.....	54,690	June 26	122	3005
Liniment.....	J. S. Burton.....	55,595	Aug. 21	123	2611
Liniment.....	A. B. Richards.....	55,713	Aug. 21	123	2614
Liniment.....	T. Eccles.....	56,235	Sept. 4	124	314
Liniment.....	F. S. Mason.....	57,865	Nov. 27	125	1345
Liniment.....	Olney & McDaid.....	57,868	Nov. 27	125	1345
Liniment.....	H. I. Shepard.....	58,774	Dec. 25	125	2753
Liniment.....	Minard's Liniment Manufacturing Company.....	58,802	Dec. 25	125	2754
Liniment.....	Mulligan Liniment Co.....	58,834	Dec. 25	125	2755
Liniment for cuts and flesh wounds.....	W. H. Cox.....	53,334	May 29	122	1716
Liniment for rheumatism and sprains.....	C. Z. Stone.....	53,261	May 29	122	1713
Liniment. Oil.....	Merchants Gargling Oil Company.....	54,977	Aug. 7	123	1978
Liniment or ointment.....	T. P. Baldwin.....	57,527	Nov. 13	125	660
Liniments.....	Cracker Jack Liniment Company.....	53,623	June 5	122	2057
Liniments.....	F. Ayer.....	54,095	June 19	122	2681
Liniments and embrocations.....	W. F. Young.....	49,322	Jan. 30	120	1472
Liniments and ointments.....	K K K Medicine Company.....	53,251	May 29	122	1713
Liniments for neuralgia and rheumatism.....	C. B. Mumford.....	57,223	Nov. 6	125	344
Linings.....	Eddystone Manufacturing Company.....	54,819	July 31	123	1658
Linings. Dress.....	M. W. Burd.....	50,537	Mar. 20	121	1007

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Links, sleeve-buttons, collar-buttons, studs, and blouse-button sets.	Standard Button Company.....	50,190	Mar. 6	121	330
Linoleums.....	P. O. Judson & Co.....	54,902	July 31	123	1660
Liqueur.....	Société Anonyme de la Distillerie de la Liqueur Bénédictine de l'Abbaye de Fécamp.	57,684	Nov. 27	125	1340
Liqueur and cordial.....	Société Anonyme de la Distillerie de la Liqueur Bénédictine de l'Abbaye de Fécamp.	55,832	Aug. 21	123	2617
Liqueurs or cordials.....	L. Brugerolle.....	52,169	May 1	122	345
Liquid-separators. Centrifugal	De Laval Separator Company...	52,583	May 15	122	1032
Lithographic-stone cleaning and preparing compound.....	J. James.....	57,676	Nov. 27	125	1340
Lithographs. Art.....	Raphael Tuck and Sons Co.....	49,130	Jan. 23	120	1159
Lock-washers and nut-locks.....	National Lock Washer Company.	52,366	May 8	122	717
Locks.....	Supplee Hardware Company.....	50,913	Apr. 3	121	1661
Locks.....	General Specialty Company.....	51,554	Apr. 17	121	2318
Locks and keys.....	Russell & Erwin Manufacturing Company.	49,349	Jan. 30	120	1473
Locks, padlocks, and keys.....	Miller Lock Company.....	56,304	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,305	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,306	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,307	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,308	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,309	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,310	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,311	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,312	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,313	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,314	Sept. 11	124	619
Locks, padlocks, and keys.....	Miller Lock Company.....	56,372	Sept. 18	124	901
Locks, padlocks, and keys.....	Miller Lock Company.....	56,373	Sept. 18	124	901
Locks, padlocks, and keys.....	Miller Lock Company.....	56,374	Sept. 18	124	901
Locks, padlocks, and keys.....	Miller Lock Company.....	56,375	Sept. 18	124	901
Locks, padlocks, and keys.....	Miller Lock Company.....	56,394	Sept. 18	124	902
Locks, padlocks, and keys.....	Miller Lock Company.....	56,395	Sept. 18	124	902
Locks, padlocks, and keys.....	Miller Lock Company.....	56,396	Sept. 18	124	902
Locks, padlocks, and keys.....	Miller Lock Company.....	56,461	Sept. 25	124	1202
Locks, padlocks, and keys.....	Miller Lock Company.....	56,636	Oct. 9	124	1839
Locks, padlocks, and keys.....	Miller Lock Company.....	56,851	Oct. 23	124	2528
Locks, padlocks, and keys.....	Miller Lock Company.....	57,791	Nov. 27	125	1343
Long-cloth.....	Sherman, Reid & Co.....	49,241	Jan. 30	120	1469
Loom-pickers.....	Norfolk Loom Picker Co.....	49,868	Feb. 20	120	2436
Lotion.....	E. J. M. Hart.....	54,659	June 26	122	3004
Lotion.....	S. R. Van Duzer.....	56,060	Aug. 21	123	2623
Lotion.....	J. Blanchard.....	57,016	Oct. 30	124	2896
Lotion. Face.....	R. T. Hardy.....	51,030	Apr. 3	121	1666
Lotion. Healing.....	W. H. Chase.....	56,514	Oct. 2	124	1517
Lotion or emulsion for the skin. Liquid.	A. S. Hinds.....	54,660	June 26	122	3004
Lotion used in the treatment of hernia.....	J. Fandrey.....	50,541	Mar. 20	121	1007
Lotions.....	E. F. Guenther.....	58,676	Dec. 25	125	2751
Lotions and washes. Skin.....	E. M. Steibel.....	53,871	June 12	122	2383
Lotions for the skin.....	E. Palmer.....	51,944	Apr. 24	121	2660
Lotions in liquid and paste form. Skin-	American Peroxide & Chemical Co.	55,656	Aug. 21	123	2612
Lotions, salves, and ointments.....	Sereta Chemical Company.....	55,649	Aug. 21	123	2612
Lotions. Skin.....	F. S. Williams & Co.....	51,257	Apr. 10	121	1970
Lotions. Toilet and medicinal.....	E. A. Olds.....	53,525	June 5	122	2053
Lozenges.....	New England Confectionery Co.....	50,475	Mar. 20	121	1004
Lozenges.....	A. Slauson & Co.....	51,431	Apr. 17	121	2313
Lozenges.....	A. Slauson & Co.....	51,432	Apr. 17	121	2313
Lozenges.....	A. Slauson & Co.....	51,433	Apr. 17	121	2313
Lozenges.....	A. Slauson & Co.....	51,434	Apr. 17	121	2313
Lozenges and throat-tablets. Bronchial.	Frog in Your Throat Co.....	49,271	Jan. 30	120	1470
Lozenges or tablets for fermentation purposes.	Keflac Company.....	52,149	May 1	122	344
Lubricants and lubricant-stock. Cylinder-	Conewango Refining Co.....	49,692	Feb. 13	120	2120
Lubricants and lubricant-stock. Cylinder-	Conewango Refining Co.....	49,882	Feb. 20	120	2436
Lubricants and lubricant-stock. Cylinder-	Fred. G. Clark Co.....	57,503	Nov. 13	125	659
Lubricating compounds.....	J. C. Royce.....	55,551	Aug. 14	123	2306
Lubricating-graphite.....	United States Graphite Company.	55,468	Aug. 14	123	2304
Lubricating-grease.....	A. C. Buzby.....	49,630	Feb. 13	120	2117
Lubricating-grease.....	A. Cook's Sons.....	49,636	Feb. 13	120	2118
Lubricating-grease.....	Beerwald & Levin.....	50,456	Mar. 20	121	1003
Lubricating-grease.....	A. Cook's Sons.....	52,007	May 1	122	339
Lubricating-grease.....	A. Cook's Sons.....	52,547	May 15	122	1031
Lubricators.....	Comstock Engine Co.....	57,744	Nov. 27	125	1341
Lubricators and the parts thereof. Force-feed.	Greene, Tweed & Co.....	50,612	Mar. 27	121	1336
Lye.....	Pennsylvania Salt Manuf'g Co.....	56,049	Aug. 21	123	2623
Lye.....	Pennsylvania Salt Manuf'g Co.....	56,077	Aug. 21	123	2623
Lye.....	Pennsylvania Salt Manuf'g Co.....	56,078	Aug. 21	123	2624
Lye and potash.....	Brookman Manufacturing Company.	49,181	Jan. 30	120	1467
Lye and potash.....	Eagle Lye Works.....	50,226	Mar. 6	121	331
Lye and potash.....	Eagle Lye Works.....	50,227	Mar. 6	121	331
Macaroni and spaghetti.....	Gennerich & Von Bremen.....	54,549	June 26	122	3000
Macaroni and spaghetti.....	Michigan Macaroni Co.....	58,171	Dec. 11	125	2037
Macaroni, spaghetti, and vermicelli.....	Woodcock Macaroni Company.....	49,369	Jan. 30	120	1474
Macaroni, spaghetti, and vermicelli.....	John B. Canepa Company.....	52,980	May 22	122	1380
Macaroni, spaghetti, and vermicelli.....	John B. Canepa Company.....	56,828	Oct. 23	124	2527
Macaroni, spaghetti, vermicelli, and noodles	Anger Baking Co.....	48,843	Jan. 16	120	893
Macaroni, spaghetti, vermicelli, and noodles	Anger Baking Co.....	50,217	Mar. 6	121	331
Macaroni, spaghetti, vermicelli, and noodles	Crescent Macaroni & Cracker Co.	51,782	Apr. 24	121	2655
Macaroni, spaghetti, vermicelli, and noodles	Crescent Macaroni & Cracker Co.	53,438	June 5	122	2049
Macaroni, vermicelli, spaghetti, and noodles	J. B. Canepa.....	52,971	May 22	122	1388
Machines and parts thereof. Certain named	Lincoln Iron Works.....	56,561	Oct. 9	124	1837
Machinery. Certain named.....	Gisholt Machine Company.....	56,496	Oct. 2	124	1517
Magazine.....	Municipal Engineering Company.	50,333	Mar. 13	121	681
Magazine.....	C. D. Steurer.....	52,380	May 8	122	718

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Magazine.	E. M. Best.	53,137	May 29	122	1708
Magazine.	Marine Engineering, Inc.	57,912	Dec. 4	125	1690
Magazine. Monthly.	Hoffheimer Soap Co.	49,199	Jan. 30	120	1467
Magazine. Monthly.	Hoffheimer Soap Co.	49,200	Jan. 30	120	1467
Magazine. Monthly.	S. H. Moore Co.	49,488	Feb. 6	120	1817
Magazine. Monthly.	Review Publishing Company	50,158	Mar. 6	121	329
Magazine. Monthly.	Fruit-Grower Company	51,398	Apr. 17	121	2312
Magazine. Monthly.	John Lane Company	52,073	May 1	122	341
Magazine. Monthly.	W. G. Bruce	52,316	May 8	122	715
Magazine. Monthly.	Street & Smith.	57,007	Oct. 30	124	2896
Magazine. Monthly.	Signs Publishing Company	57,981	Dec. 4	125	1691
Magazine. Monthly.	New Publication Company	58,689	Dec. 25	125	2751
Magazine. Monthly.	International Magazine Company.	58,707	Dec. 25	125	2752
Magazine or periodical.	Homefolks Publishing Company.	49,474	Feb. 6	120	1817
Magazine or periodical.	G. F. Terry.	51,053	Apr. 3	121	1667
Magazine or periodical.	Currier-Boyce Company	52,906	May 22	122	1386
Magazine or periodical.	D. H. Anderson	55,324	Aug. 14	123	2300
Magazine or periodical.	Cultivator Publishing Company.	55,325	Aug. 14	123	2300
Magazine or periodical.	Home Life Publishing Company.	55,329	Aug. 14	123	2301
Magazine or periodical.	Simmons Publishing Company.	55,339	Aug. 14	123	2301
Magazine or periodical.	Reliable Poultry Journal Publishing Co.	55,440	Aug. 14	123	2303
Magazine or periodical.	W. F. T. Bushnell Company.	55,444	Aug. 14	123	2304
Magazine or periodical.	Ores & Metals Publishing Co.	58,413	Dec. 11	125	2043
Magazine or periodical.	B. F. Bilter	58,622	Dec. 18	125	2358
Magazine or periodical. Monthly.	J. Shepherd Clark Company.	58,849	July 31	123	1659
Magazine. Periodically-issued.	A. D. Porter Company.	56,221	Sept. 4	124	313
Magazine. Semimonthly.	Review Publishing Company.	57,606	Nov. 13	125	662
Magazine. Weekly.	Engineering & Mining Journal.	52,638	May 15	122	1035
Magazine. Weekly.	Manufacturers' Record Publishing Company.	55,901	Aug. 21	123	2619
Magazine. Weekly illustrated.	P. F. Collier & Son.	55,055	Aug. 7	123	1981
Magazines.	Criterion Publishing Company	49,821	Feb. 20	120	2434
Magazines.	Tribune Co.	50,633	Mar. 27	121	1337
Magazines.	M. D. McAnulty.	51,769	Apr. 24	121	2652
Magazines.	Outing Publishing Company.	53,496	June 5	122	2052
Magazines.	Golden Rule Company.	55,381	Aug. 14	123	2302
Magazines.	Colonial Press.	55,891	Aug. 21	123	2619
Magazines.	Mining Reporter Publishing Company.	57,914	Dec. 4	125	1690
Magazines and periodicals.	Lawrence Publishing Co.	56,762	Oct. 16	124	2174
Magazines. Monthly.	Gas Power Publishing Co.	51,928	Apr. 24	121	2659
Magazines. Monthly.	Book-Keeper Publishing Company.	52,089	May 1	122	342
Magazines. Monthly.	World Today Company	52,764	May 15	122	1039
Magazines. Monthly.	Crist, Scott & Parshall.	53,215	May 29	122	1711
Magazines. Monthly.	Inland Printer Company	55,895	Aug. 21	123	2619
Magazines or periodicals.	G. W. Wilson.	57,524	Nov. 13	125	660
Magazines or periodicals.	G. W. Wilson.	57,553	Nov. 13	125	661
Magazines. Periodical.	Doubleday Page & Company	56,206	Sept. 4	124	313
Magazines. Periodical.	Geo. N. Lowrey Co.	58,254	Dec. 11	125	2039
Magnesia preparation. Liquid.	Chas. H. Phillips Chemical Co.	52,772	May 15	122	1039
Magnesia preparation. Liquid.	Chas. H. Phillips Chemical Co.	55,598	Aug. 21	123	2611
Magnet-wire for trolley use.	Magnet Wire Company	53,636	June 5	122	2058
Magnetic currents to invalids. Apparatus for administering.	J. W. Steeves.	52,281	May 8	122	714
Mail-chutes.	Cutler Mfg Co.	57,745	Nov. 27	125	1342
Mainsprings.	Swartchild & Co.	51,107	Apr. 3	121	1669
Mainsprings. Timepiece.	B. Allen.	52,929	May 22	122	1387
Maline. Moist-proof.	T. Tiedemann & Son.	51,849	Apr. 24	121	2656
Malines and mousselines.	T. Tiedemann & Son.	49,318	Jan. 30	120	1472
Malines and mousselines.	Poncet & Nesser.	58,244	Dec. 11	125	2039
Malt and hops extract.	Anheuser-Busch Brewing Association.	52,767	May 15	122	1039
Malt and hops. Extract of.	Anheuser-Busch Brewing Association.	52,654	May 15	122	1035
Malt and hops. Extract of.	Pabst Brewing Company	57,335	Nov. 13	125	655
Malt beverage. Non-intoxicating.	Dallas Brewery	50,809	Apr. 3	121	1657
Malt extract.	Theo. Hamm Brewing Co.	48,514	Jan. 2	120	317
Malt extract.	Paragon Malt Extract Co.	49,981	Feb. 27	120	2747
Malt extract.	Valentin Blatz Brewing Co.	50,080	Mar. 6	121	325
Malt extract.	Bernheim Distilling Co.	50,087	Mar. 6	121	326
Malt extract.	Paragon Malt Extract Company.	50,907	Apr. 3	121	1661
Malt extract.	Otto Huber Brewery	51,872	Apr. 24	121	2657
Malt extract.	Minneapolis Brewing Co.	55,270	Aug. 14	123	2299
Malt extract.	Paragon Malt Extract Company.	56,376	Sept. 18	124	901
Malt extract.	E. St. Louis-New Athens Brewing Co.	57,213	Nov. 6	125	344
Malt extract.	Heissler & Junge Company	58,188	Dec. 11	125	2037
Malt extracts.	Otto Huber Brewery	48,690	Jan. 9	120	650
Malt extracts.	Trommer Company	50,700	Mar. 27	121	1340
Malt extracts.	M. K. Goetz Brewing Co.	52,758	May 15	122	1039
Malt extracts.	M. K. Goetz Brewing Co.	53,405	June 5	122	2048
Malt extracts.	Paragon Malt Extract Co.	58,897	Dec. 25	125	2757
Malt extracts and peptonized malt foods.	A. Lieber.	48,501	Jan. 2	120	317
Malt. Non-intoxicating table.	Lauritzen Malt Co.	49,384	Feb. 6	120	1813
Malt tonic.	McAvoy Brewing Co.	48,504	Jan. 2	120	317
Malt tonic or extract.	Dubuque Brewing & Malting Co.	56,234	Sept. 4	124	314
Manifolding devices.	Philip Hano & Co.	52,021	May 1	122	339
Mantles. Cap.	W. H. Schaefer.	51,100	Apr. 3	121	1669
Maraschino.	F. Drioli.	51,832	Apr. 24	121	2655
Maraschino cherries. Bottled.	Hannah & Hogg.	57,642	Nov. 27	125	1339
Marble. Artificial.	Marbleoid Company.	55,485	Aug. 14	123	2305
Marble blocks and slabs.	Republic Marble Company.	55,574	Aug. 14	123	2307
Marble in blocks and slabs.	Ross Marble Company.	57,233	Nov. 6	125	345
Marble in blocks and slabs.	Ross Marble Company.	57,253	Nov. 6	125	345

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Marshmallows.....	National Candy Company.....	58,608	Dec. 18	125	2357
Matches.....	Aktiebolaget Södertelje Tändsticksfabrik.	51,826	Apr. 24	121	2655
Matches.....	Aktiebolaget Södertelje Tändsticksfabrik.	54,699	June 26	122	3006
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolaget.	54,851	July 31	123	1659
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	55,026	Aug. 7	123	1980
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	55,040	Aug. 7	123	1980
Matches. Safety.....	Aktiebolaget Södertelje Tändsticksfabrik.	55,279	Aug. 14	123	2299
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,689	Oct. 16	124	2172
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,721	Oct. 16	124	2173
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,722	Oct. 16	124	2173
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,723	Oct. 16	124	2173
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,724	Oct. 16	124	2173
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,725	Oct. 16	124	2173
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,726	Oct. 16	124	2173
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	56,897	Oct. 23	124	2529
Matches. Safety.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	57,330	Nov. 13	125	655
Matches. Safety.....	Nitedals Tændstikfabrik.	58,313	Dec. 11	125	2041
Matches. Safety.....	Nitedals Tændstikfabrik.	58,540	Dec. 18	125	2356
Matches. Safety.....	Nitedals Tændstikfabrik.	58,658	Dec. 18	125	2359
Mattresses.....	John Breuner Company.....	51,110	Apr. 3	121	1670
Mattresses.....	J. L. Radermacher.....	51,197	Apr. 10	121	1967
Mattresses.....	Dubuque Mattress Factory.....	51,883	Apr. 24	121	2657
Mattresses.....	C. W. White.....	52,736	May 15	122	1038
Mattresses.....	Colorado Bedding Co.....	53,139	May 29	122	1709
Mattresses.....	Southern Spring Bed Company.....	53,573	June 5	122	2055
Mattresses.....	J. C. Roberts.....	55,338	Aug. 14	123	2301
Mattresses.....	Chas. A. Maish Co.....	55,808	Aug. 21	123	2616
Mattresses and cushions.....	C. A. Fisher.....	51,725	Apr. 24	121	2651
Mattresses and pillows.....	Chittenden & Eastman Co.....	54,592	June 26	122	3001
Mattresses or bottoms. Spring.....	Kansas City Spring Bed Company.	57,562	Nov. 13	125	661
Mattresses, pillows, and feathers.....	Randall Mattress Company.....	51,000	Apr. 3	121	1665
Measures of all kinds. Lineal.....	C. Bube.....	54,702	June 26	122	3006
Measures. Skirt.....	F. M. De Leon.....	55,480	Dec. 18	125	2354
Measuring-tapes.....	Lufkin Rule Co.....	54,338	June 26	122	2991
Measuring the capacity of the lungs. Instrument for.....	C. H. Bird.....	50,457	Mar. 20	121	1003
Meat and vegetable choppers. Rotary.....	Tanders, Frary and Clark.....	56,930	Oct. 23	124	2530
Meat-chopping machines and meat-presses.....	Enterprise Manufacturing Company of Pennsylvania.	56,956	Oct. 30	124	2895
Meat extracts and essences.....	Bovril Limited.....	51,862	Apr. 24	121	2656
Meat-juice and compound of meat-juice and glycerin. Preparations of.....	Valentine's Meat Juice Company.	51,066	Apr. 3	121	1668
Meats and lard. Certain named.....	John P. Squire & Company.....	56,929	Oct. 23	124	2530
Meats and lard. Certain named.....	J. P. Squire & Company.....	58,146	Dec. 4	125	1696
Meats. Certain named.....	Schwarzschild and Sulzberger Company.	56,261	Sept. 4	124	314
Meats. Certain named.....	E. Godel and Sons.....	56,715	Oct. 16	124	2173
Meats. Certain named.....	John C. Roth Packing Co.....	58,192	Dec. 11	125	2038
Meats. Certain named cured.....	T. Stokes & Son.....	54,182	June 19	122	2684
Meats. Cured.....	George A. Hormel & Co.....	48,457	Jan. 2	120	315
Meats. Cured.....	Dunlevy & Brother.....	51,126	Apr. 3	121	1670
Meats. Cured, smoked, and canned.....	Cudahy Packing Company.....	58,916	Dec. 25	125	2757
Meats. Liquid extract of smoke for preserving.....	E. Krauser & Brother.....	50,416	Mar. 13	121	684
Meats. Smoked.....	Schwarzschild and Sulzberger Company.	56,468	Sept. 25	124	1202
Meats. Smoked.....	F. A. Ferris & Company.....	56,516	Oct. 2	124	1518
Meats. Smoked and pickled.....	F. A. Ferris & Company.....	54,894	July 31	123	1660
Meats. Smoked and pickled.....	F. A. Ferris & Company.....	56,717	Oct. 16	124	2173
Meats. Smoked and pickled.....	F. A. Ferris & Company.....	56,718	Oct. 16	124	2173
Medals and badges.....	C. W. Little.....	54,358	June 26	122	2992
Medical and surgical plasters.....	Johnson & Johnson.....	54,308	June 26	122	2990
Medical compound.....	S. H. E. Hayden.....	49,564	Feb. 13	120	2115
Medical compound.....	M. M. Foy.....	50,543	Mar. 20	121	1007
Medical compound.....	Brandreth Co.....	53,581	June 5	122	2055
Medical compound. Certain.....	Pond's Extract Company.....	51,090	Apr. 3	121	1669
Medical compound. Certain.....	Pond's Extract Company.....	51,091	Apr. 3	121	1669
Medical compound. Certain.....	Pond's Extract Company.....	51,093	Apr. 3	121	1669
Medical compound. Certain named.....	H. F. Bishop.....	50,958	Apr. 3	121	1663
Medical compound. Certain named.....	O. P. G. Conley.....	54,655	June 26	122	3004
Medical compound for a hemostatic.....	Knoll & Co.....	51,899	Apr. 24	121	2658
Medical compound for an astringent.....	Knoll & Co.....	51,898	Apr. 24	121	2658
Medical compound for certain named purposes.....	American Apothecaries Company.	57,157	Nov. 6	125	343
Medical compound for certain named purposes.....	American Apothecaries Company.	57,158	Nov. 6	125	343
Medical compound. Liquid.....	J. J. Chambers.....	51,015	Apr. 3	121	1665
Medical compound. Liquid.....	Slack & Griggs.....	58,423	Dec. 11	125	2043
Medical compounds.....	Owl Drug Co.....	51,942	Apr. 24	121	2659
Medical compounds for certain named diseases.....	Dr. James Ware Remedy Co.....	55,793	Aug. 21	123	2616
Medical compounds for treating diseases of the scalp.....	Headstream & De Flon.....	55,636	Aug. 21	123	2612
Medical ointment.....	R. M. Connable.....	49,806	Feb. 20	120	2433
Medical plasters.....	P. Beiersdorf & Company.....	57,159	Nov. 6	125	343
Medical preparation for certain named diseases.....	Argle Drug Co.....	58,736	Dec. 25	125	2752

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Medical preparation for diseases of the digestive tract.....	J. Cockle & Co.....	54,990	Aug. 7	123	1979
Medical preparation for genito-urinary diseases.....	A. F. Kalkhoff.....	49,284	Jan. 30	120	1471
Medical preparation for the cure of headache and neuralgia.....	Kohler Manufacturing Co.....	56,140	Aug. 28	123	2969
Medical preparation of sarsaparilla.....	Gerstle Medicine Co.....	48,925	Jan. 16	120	896
Medical preparations.....	Maltine Company.....	48,761	Jan. 9	120	652
Medical preparations.....	Black Diamond Medicine Company.....	51,182	Apr. 10	121	1967
Medical preparations for catarrh, bronchitis, asthma, and hay-fever.....	Doctor Blosser Company.....	58,401	Dec. 11	125	2043
Medical preparations for certain named diseases.....	Doctor Blosser Company.....	54,056	June 19	122	2679
Medical preparations for external and internal use.....	Trench's Remedies Ltd.....	51,951	Apr. 24	121	2660
Medical preparations. Homeopathic.....	Munyon's Homoeopathic Home Remedy Co.....	54,114	June 19	122	2681
Medical tablet.....	W. M. Macleod.....	51,533	Apr. 3	121	1668
Medicament.....	Vereinigte Chininfabriken Zimmer & Co., Ges. mit beschränkter Haftung.....	54,087	June 19	122	2680
Medicaments for internal use to heal and prevent infectious diseases.....	Lüthi & Buhtz.....	58,683	Dec. 25	125	2751
Medicated blackberry brandy.....	Van Vleet-Mansfield Drug Co.....	48,836	Jan. 16	120	893
Medicated confections.....	W. Holloway.....	48,685	Jan. 9	120	649
Medicated lozenges.....	J. I. Brown & Son.....	48,539	Jan. 2	120	318
Medicated lozenges.....	J. I. Brown & Son.....	48,678	Jan. 9	120	649
Medicated oils.....	D. M. Bye.....	51,880	Apr. 24	121	2657
Medicated ointment.....	W. Holloway.....	53,207	May 29	122	1711
Medicated pads.....	W. S. Rice.....	58,450	Dec. 18	125	2353
Medicated plasters.....	G. T. Raymond.....	55,549	Aug. 14	123	2306
Medicated poultry-food.....	M. W. Savage.....	56,179	Aug. 28	123	2970
Medicated stock and poultry food.....	Medicura Food Co.....	54,339	June 26	122	2991
Medicated stock-food.....	M. W. Savage.....	56,152	Aug. 28	123	2970
Medicated stock-food.....	M. W. Savage.....	56,530	Oct. 2	124	1518
Medicated stock food.....	Morley Bros.....	58,867	Dec. 25	125	2756
Medicated stock-foods.....	L. W. Paste.....	55,645	Aug. 21	123	2612
Medicated uterine wafers.....	J. H. Miller.....	54,978	Aug. 7	123	1978
Medicated wine.....	Frederick Stearns & Co.....	53,596	June 5	122	2056
Medicinal and adhesive plasters.....	J. Ellwood Lee Company.....	55,539	Aug. 14	123	2306
Medicinal and adhesive plasters.....	Johnson & Johnson.....	55,541	Aug. 14	123	2306
Medicinal and adhesive plasters.....	J. Ellwood Lee Company.....	55,565	Aug. 14	123	2307
Medicinal and adhesive plasters.....	J. Ellwood Lee Company.....	56,213	Sept. 4	124	313
Medicinal and adhesive plasters.....	J. Ellwood Lee Company.....	56,523	Oct. 2	124	1518
Medicinal and chemical preparations.....	Dr. D. Jayne & Son.....	48,855	Jan. 16	120	894
Medicinal and chemical preparations.....	Dr. D. Jayne & Son.....	48,856	Jan. 16	120	894
Medicinal and chemical preparations.....	Dr. D. Jayne & Son.....	48,857	Jan. 16	120	894
Medicinal and toilet oil for skin diseases.....	Illinois Laboratories.....	50,529	Mar. 20	121	1006
Medicinal beverage.....	A. G. Thompson.....	50,701	Mar. 27	121	1340
Medicinal beverage.....	L. O. Read.....	55,646	Aug. 21	123	2612
Medicinal beverages for certain named diseases.....	G. F. Heublein & Bro.....	57,857	Nov. 27	125	1345
Medicinal beverages. Non-alcoholic.....	Russell M. Hughes & Co.....	51,732	Apr. 24	121	2651
Medicinal compound.....	J. P. Cholewinski.....	49,327	Jan. 30	120	1473
Medicinal compound.....	Chelf Chemical Co.....	52,773	May 15	122	1040
Medicinal compound. Certain named.....	S. Penny.....	57,029	Oct. 30	124	2897
Medicinal compound containing soluble sulfur.....	L. C. Wedgefuth.....	56,655	Oct. 16	124	2171
Medicinal compound. Liquid.....	D. Michaels.....	53,348	May 29	122	1717
Medicinal cordial.....	Kirk-Geary & Co.....	49,971	Feb. 27	120	2746
Medicinal compounds. Certain named.....	Knoll & Co.....	57,220	Nov. 6	125	344
Medicinal compounds for the cure of catarrhal diseases and colds.....	Ely Brothers.....	55,741	Aug. 21	123	2615
Medicinal fluid extracts.....	Eli Lilly & Company.....	57,855	Nov. 27	125	1345
Medicinal mineral oil.....	H. K. Mulford Company.....	51,647	Apr. 17	121	2322
Medicinal oil.....	Holland Medicine Company.....	55,754	Aug. 21	123	2615
Medicinal oil for external use.....	C. W. Smith.....	52,470	May 8	122	721
Medicinal oil for internal and external use.....	Holland Medicine Company.....	55,753	Aug. 21	123	2615
Medicinal oil or liniment.....	National Remedy Company.....	55,772	Aug. 21	123	2615
Medicinal pills, tablets, and capsules containing medicine.....	Laboratory Company.....	54,671	June 26	122	3005
Medicinal plasters.....	J. M. Grosvenor & Co.....	51,989	May 1	122	338
Medicinal plasters.....	J. M. Grosvenor & Co.....	52,140	May 1	122	344
Medicinal plasters.....	Alcock Manufacturing Co.....	54,302	June 26	122	2990
Medicinal plasters.....	J. Ellwood Lee Company.....	54,712	June 26	122	3006
Medicinal plasters.....	J. Ellwood Lee Company.....	55,501	Aug. 14	123	2305
Medicinal plasters.....	Johnson & Johnson.....	55,567	Aug. 14	123	2307
Medicinal plasters.....	Medical Lake Salts Mfg. Co.....	55,639	Aug. 21	123	2612
Medicinal plasters.....	Alcock Manufacturing Co.....	56,883	Oct. 23	124	2529
Medicinal plasters.....	Potter Drug & Chemical Corporation.....	58,691	Dec. 25	125	2751
Medicinal plasters.....	Potter Drug & Chemical Corporation.....	58,770	Dec. 25	125	2753
Medicinal preparation.....	Leslie E. Keeley Co.....	49,315	Jan. 30	120	1472
Medicinal preparation.....	V. de Lee.....	50,781	Mar. 27	121	1313
Medicinal preparation.....	C. D. Bradham.....	51,314	Apr. 10	121	1972
Medicinal preparation.....	F. Herb.....	51,932	Apr. 24	121	2659
Medicinal preparation.....	Victor Koehl & Co.....	53,873	June 12	122	2383
Medicinal preparation.....	Ferry Drug Co.....	54,744	June 26	122	3008
Medicinal preparation.....	J. D. Riedel Aktiengesellschaft.....	56,451	Sept. 25	124	1202
Medicinal preparation.....	J. D. Riedel Aktiengesellschaft.....	56,452	Sept. 25	124	1202
Medicinal preparation. Certain.....	Potter Drug & Chemical Corporation.....	58,771	Dec. 25	125	2753
Medicinal preparation. Certain named.....	J. D. Riedel Aktiengesellschaft.....	53,919	June 12	122	2385
Medicinal preparation for diseases of the blood and skin.....	Dr. Peter Fahrney & Sons Co.....	52,246	May 1	122	348
Medicinal preparation for external and internal use.....	Davis and Lawrence Co.....	54,100	June 19	122	2681
Medicinal preparation for headache and neuralgia.....	Shaw and Ludington.....	58,773	Dec. 25	125	2753
Medicinal preparation for the cure of rheumatism.....	L. Adler.....	50,532	Mar. 20	121	1006
Medicinal preparation in suppository or ointment form.....	H. K. Mulford Company.....	51,649	Apr. 17	121	2322
Medicinal preparation. Liquid.....	Anglo-American Medical Co.....	48,844	Jan. 16	120	893
Medicinal preparation. Liquid.....	Henry Heil Chemical Co.....	50,270	Mar. 6	121	333
Medicinal preparation of meat and malt.....	Bernheim Distilling Co.....	58,056	Dec. 4	125	1693
Medicinal preparation used as a nerve sedative.....	Peacock Chemical Co.....	51,534	Apr. 17	121	2317
Medicinal preparations.....	Fairchild Bros. & Foster.....	48,682	Jan. 9	120	649

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Medicinal preparations.....	W. R. Warner & Co.....	48,896	Jan. 16	120	895
Medicinal preparations.....	W. R. Warner & Co.....	48,897	Jan. 16	120	895
Medicinal preparations.....	W. R. Warner & Co.....	48,898	Jan. 16	120	895
Medicinal preparations.....	W. R. Warner & Co.....	48,899	Jan. 16	120	895
Medicinal preparations.....	W. R. Warner & Co.....	49,820	Feb. 20	120	2434
Medicinal preparations. Certain named.....	H. A. Blair.....	52,769	May 15	122	1039
Medicinal preparations. Certain named.....	Gerstle Medicine Co.....	58,404	Dec. 11	125	2043
Medicinal preparations. Certain named.....	J. Strohauser.....	58,425	Dec. 11	125	2044
Medicinal preparations for diseases of the blood, brain, and nerves.....	H. G. Ballou.....	50,359	Mar. 13	121	682
Medicinal preparations in liquid and solid form for internal use.....	Bristol-Myers Company.....	53,030	May 22	122	1391
Medicinal preparations in liquid and solid form for internal use.....	Bristol-Myers Company.....	53,031	May 22	122	1391
Medicinal, restorative, and regulative compounds.....	J. H. Schenck.....	51,622	Apr. 17	121	2321
Medicinal soap.....	Barclay & Barclay.....	50,534	Mar. 20	121	1006
Medicinal soap.....	Barclay & Barclay.....	50,535	Mar. 20	121	1007
Medicinal tablets.....	F. H. Putnam.....	53,327	May 29	122	1716
Medicinal tablets.....	F. H. Putnam.....	56,255	Sept. 4	124	314
Medicinal tablets and granules.....	Abbott Alkaloidal Co.....	53,331	May 29	122	1716
Medicinal tablets or pelloids.....	F. H. Putnam.....	56,379	Sept. 18	124	902
Medicinal tea.....	J. T. Davison.....	50,965	Apr. 3	121	1663
Medicinal tonic and cordial.....	U. Wolfe Company.....	53,062	May 22	122	1392
Medicinal tonic for women.....	Parker Blake Co.....	54,004	June 19	122	2680
Medicinal tonic or cordial.....	Udolpho Wolfe Co.....	54,150	June 19	122	2683
Medicinal tonic or cordial.....	Udolpho Wolfe Co.....	54,151	June 19	122	2683
Medicinal use. Soluble thiosinamine compound for.....	E. Merck.....	49,160	Jan. 23	120	1160
Medicinal vegetable oil.....	E. Ryan.....	56,021	Aug. 21	123	2622
Medicine.....	A. H. Keller.....	49,098	Jan. 23	120	1158
Medicine. Alterative.....	Billings Clapp Company.....	49,118	Jan. 23	120	1159
Medicine. Antiseptic and emollient.....	Ineeda-Colpho Company.....	54,620	June 26	122	3002
Medicine as a tonic, appetizer, and strengthener.....	J. F. Ballard.....	51,919	Apr. 24	121	2658
Medicine. Blood.....	Nicolay & Co.....	55,701	Aug. 21	123	2614
Medicine. Cathartic.....	Sterling Remedy Company.....	52,189	May 1	122	346
Medicine. Certain named.....	C. O. F. Burkstrom.....	50,776	Mar. 27	121	1343
Medicine. Certain named.....	Fairchild Bros. & Foster.....	50,967	Apr. 3	121	1663
Medicine. Certain named.....	Rex Chemical Co.....	51,251	Apr. 10	121	1969
Medicine. Certain named.....	W. W. Gavitt Medical Co.....	51,253	Apr. 10	121	1970
Medicine. Certain named.....	A. B. Bradley.....	51,514	Apr. 17	121	2316
Medicine. Certain named.....	Dr. A. Gude & Co., G. m. b. H.....	52,472	May 8	122	721
Medicine. Certain named.....	L. J. Knerr.....	52,473	May 8	122	721
Medicine. Certain named.....	F. J. Schmidt.....	53,088	May 22	122	1393
Medicine. Certain named.....	E. R. Moras.....	53,931	June 12	122	2386
Medicine. Certain named.....	F. J. Schmidt.....	55,785	Aug. 21	123	2616
Medicine. Certain named.....	Noeling-Looker Laxative Food Company.....	56,619	Oct. 9	124	1838
Medicine. Certain named.....	R. V. Pierce.....	57,518	Nov. 13	125	660
Medicine. Certain named.....	English-McLarty Company.....	58,750	Dec. 25	125	2753
Medicine. Certain named.....	Vapo-Cresolene Co.....	58,813	Dec. 25	125	2754
Medicine. Certain named.....	Vapo-Cresolene Co.....	58,814	Dec. 25	125	2755
Medicine. Certain named.....	Vapo-Cresolene Co.....	58,815	Dec. 25	125	2755
Medicine. Diuretic.....	Actien-Gesellschaft für Anilin-Fabrikation.....	54,566	June 26	122	3000
Medicine. Diuretic, laxative, diaphoretic, and tonic.....	A. B. Bradley.....	55,969	Aug. 21	123	2621
Medicine for affections of the throat and bronchial tubes.....	Frederick Stearns & Co.....	53,037	May 22	122	1391
Medicine for appendicitis.....	C. Weschcke.....	54,589	June 26	122	3001
Medicine for certain named diseases.....	J. H. Neagle.....	49,536	Feb. 6	120	1819
Medicine for certain named diseases.....	P. R. Palethorpe.....	49,537	Feb. 6	120	1819
Medicine for certain named diseases.....	Buker Pill Co.....	49,577	Feb. 13	120	2115
Medicine for certain named diseases.....	H. O. Hurley.....	50,237	Mar. 6	121	332
Medicine for certain named diseases.....	Paul Bros. Medicine Co.....	50,576	Mar. 20	121	1008
Medicine for certain named diseases.....	U. F. Schlaepfer.....	50,803	Mar. 27	121	1344
Medicine for certain named diseases.....	Frederick Stearns & Co.....	53,079	May 22	122	1393
Medicine for certain named diseases.....	Cephalgine Company.....	53,242	May 29	122	1713
Medicine for certain named diseases.....	Yucca Co.....	55,798	Aug. 21	123	2616
Medicine for certain named diseases.....	Lung Germin Co.....	56,245	Sept. 4	124	314
Medicine for certain named diseases.....	Lung Germin Co.....	56,246	Sept. 4	124	314
Medicine for certain named diseases.....	Lung Germin Co.....	56,247	Sept. 4	124	314
Medicine for diphtheria and rheumatism.....	F. E. Bonyman.....	50,220	Mar. 6	121	331
Medicine for diseases peculiar to females.....	A. O. Schmidt.....	51,331	Apr. 10	121	1973
Medicine for epilepsy.....	A. K. Mandis.....	54,286	June 26	122	2989
Medicine for external use.....	Antiseptic Pharmacal Company.....	50,742	Mar. 27	121	1341
Medicine for fevers.....	Malarine Medical Company.....	53,554	June 5	122	2054
Medicine for Graves' disease.....	Vereinigte Chemische Werke Aktiengesellschaft.....	53,527	June 5	122	2053
Medicine for headache and neuralgia.....	Kloczewski & Co.....	56,115	Aug. 28	123	2969
Medicine for horses, cattle, and poultry.....	Aschenbach & Miller.....	52,450	May 8	122	720
Medicine for horses, cattle, and poultry.....	S. B. Goff & Sons Co.....	56,381	Sept. 18	124	902
Medicine for horses. Colic.....	J. J. Walsh.....	49,556	Feb. 6	120	1820
Medicine for indigestion.....	Sterling Remedy Company.....	52,459	May 8	122	721
Medicine for internal use.....	Potter Drug & Chemical Corporation.....	49,724	Feb. 13	120	2121
Medicine for internal use.....	Potter Drug & Chemical Corporation.....	50,753	Mar. 27	121	1342
Medicine for kidney affections.....	M. A. Hamilton.....	51,074	Apr. 3	121	1668
Medicine for kidney and heart diseases.....	Knoll & Co.....	56,371	Sept. 18	124	901
Medicine for limber-neck and roup. Poultry.....	C. J. Clarke.....	53,067	May 22	122	1392
Medicine for organic and nervous diseases. Liquid.....	Gin-Seng-Gin Company.....	50,930	Apr. 3	121	1662
Medicine for stomach diseases.....	L. J. Schabinger Co.....	53,567	June 5	122	2055
Medicine for stomach trouble.....	E. R. Balaguer.....	59,012	Dec. 25	125	2760
Medicine for stopping excessive perspiration.....	F. Boettger.....	50,219	Mar. 6	121	331
Medicine for the cure of constipation and bowel and stomach ailments.....	F. Muller, Jr.....	52,467	May 8	122	721
Medicine for the cure of eczema and other skin diseases.....	D. D. D. Company.....	56,747	Oct. 16	124	2174
Medicine for the cure of enuresis and kindred troubles.....	F. Boettger.....	48,519	Jan. 2	120	318
Medicine for the cure of liver and kidney diseases.....	Thompson Medical Company.....	50,801	Mar. 27	121	1344
Medicine for the prevention of gonorrhea.....	Preventol Chemical Co.....	57,520	Nov. 13	125	660
Medicine for the treatment of alcoholism.....	T. Johnston.....	50,977	Apr. 3	121	1664

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Medicine for women's diseases.	J. H. Blake	56,886	Oct. 23	124	2529
Medicine for women's diseases. Proprietary	W. A. Talbott	49,575	Feb. 13	120	2115
Medicine. Headache.	Kef Chemical Co.	53,345	May 29	122	1717
Medicine in tablet form for the cure of headache.	S. G. Stannard	57,031	Oct. 30	124	2897
Medicine. Liquid.	Goodrich Drug Co.	53,582	June 5	122	2055
Medicine. Liquid headache.	Treadwell & Moore	54,986	Aug. 7	123	1979
Medicine or remedy for diseases of the kidneys and bladder.	Van Vleet-Mansfield Drug Co.	48,901	Jan. 16	120	895
Medicine. Poultry	F. Lee	52,498	May 8	122	722
Medicine. Poultry.	Dr. Hess & Clark	55,752	Aug. 21	123	2615
Medicine. Proprietary	Dr. Kilmer & Co.	48,790	Jan. 16	120	891
Medicine. Proprietary	Dr. Kilmer & Co.	48,792	Jan. 16	120	891
Medicine. Proprietary	Dr. Kilmer & Co.	48,793	Jan. 16	120	891
Medicine. Proprietary	Dr. Kilmer & Co.	48,794	Jan. 16	120	892
Medicine. Proprietary	Dr. Kilmer & Co.	48,795	Jan. 16	120	892
Medicine. Proprietary	Dr. Kilmer & Co.	48,796	Jan. 16	120	892
Medicine. Proprietary	Dr. Kilmer & Co.	49,156	Jan. 23	120	1160
Medicine. Proprietary	Salo-Sedatus Chemical Company.	50,017	Feb. 27	120	2748
Medicine. Proprietary	C. A. Maynard	51,903	Apr. 24	121	2658
Medicine. Proprietary	Brandreth Co.	53,199	May 29	122	1711
Medicine. Proprietary	Wilcox & Godding	54,691	June 26	122	3005
Medicine. Purgative.	F. G. Boynton	49,994	Feb. 27	120	2747
Medicine. Worm.	Curtis and Brown Manufacturing Company.	48,918	Jan. 16	120	896
Medicines. Certain named.	H. O. Hurley	50,548	Mar. 20	121	1007
Medicines. Certain named.	Bristol-Myers Company.	51,922	Apr. 24	121	2659
Medicines. Certain named.	F. X. Hart	54,078	June 19	122	2680
Medicines. Certain named.	F. Bischoff	55,885	Aug. 21	123	2618
Medicines. Certain named.	L. Ashworth	56,201	Sept. 4	124	313
Medicines. Certain named.	C. S. Smith	56,531	Oct. 2	124	1518
Medicines. Certain named.	J. C. Fuller	56,538	Oct. 2	124	1518
Medicines. Certain named.	I. A. McKenney	56,899	Oct. 23	124	2529
Medicines. Certain named.	Brown Mfg. Co.	57,845	Nov. 27	125	1344
Medicines. Certain named.	N. W. Long	57,864	Nov. 27	125	1345
Medicines. Certain named.	Peerless Medicine Company.	57,869	Nov. 27	125	1345
Medicines. Certain named.	Milwaukee Drug Company	58,892	Dec. 25	125	2757
Medicines. Certain named.	X-Ray Oil Co.	58,936	Dec. 25	125	2758
Medicines. Certain proprietary.	Dr. Kilmer & Co.	48,789	Jan. 16	120	891
Medicines for alcoholic and drug habits.	Orrine Company of the District of Columbia.	53,354	May 29	122	1717
Medicines for bronchial and pulmonary affections	Choate Drug and Chemical Company.	58,395	Dec. 11	125	2043
Medicines for certain named diseases.	E. P. Mertz	53,347	May 29	122	1718
Medicines for certain named diseases.	J. C. Covert	56,746	Oct. 16	124	2174
Medicines for diseases of the liver	Peacock Chemical Company.	50,054	Feb. 27	120	2750
Medicines for diseases of the vagina	W. H. Holliday	49,336	Jan. 30	120	1473
Medicines for purifying the blood.	M.I.S.T. Co.	50,798	Mar. 27	121	1344
Medicines for purifying the blood.	M.I.S.T. Co.	50,799	Mar. 27	121	1344
Medicines for the cure of alcohol and drug addictions.	A. H. Dixon	58,741	Dec. 25	125	2753
Medicines for the cure of female disorders	L. E. Truman	51,201	Apr. 10	121	1968
Medicines for the regulation of the liver and purification of the blood.	A. H. Lewis Medicine Co.	50,795	Mar. 27	121	1343
Medicines for venereal diseases.	C. G. Marino	50,740	Mar. 27	121	1342
Medicines in pill form.	W. R. Warner & Co.	52,747	May 15	122	1038
Medicines. Laxative.	S. B. Hartman	50,786	Mar. 27	121	1343
Medicines. Laxative.	F. A. Luyties	56,248	Sept. 4	124	314
Medicines. Worm	B. S. Fahnestock	52,461	May 8	122	720
Membranes.	Johnson & Johnson	49,281	Jan. 30	120	1471
Merry-go-rounds and parts	F. Darcy	56,606	Oct. 9	124	1838
Metal.	Dilworth, Gilbert & Towne	51,548	Apr. 17	121	2318
Metal and antifriction and bearing metals. Babbitt	John Finn Metal Works.	50,817	Apr. 3	121	1657
Metal and antifriction and bearing metals. Babbitt	John Finn Metal Works.	50,818	Apr. 3	121	1657
Metal. Antifriction	Eureka Brass Company	56,272	Sept. 4	124	315
Metal articles. Certain named	Stanley Works	57,984	Dec. 4	125	1692
Metal. Babbitt	National Lead Company	49,404	Feb. 6	120	1814
Metal. Babbitt	National Lead Company	49,405	Feb. 6	120	1814
Metal. Babbitt	National Lead Company	49,406	Feb. 6	120	1814
Metal. Babbitt	National Lead Company	49,407	Feb. 6	120	1814
Metal. Babbitt	National Lead Company	49,408	Feb. 6	120	1814
Metal. Babbitt	National Lead Company	51,565	Apr. 17	121	2318
Metal. Babbitt	Peerless Smelting & Refining Co.	53,584	June 5	122	2055
Metal. Babbitt and antifriction.	Cotton States Belting & Supply Co.	50,808	Apr. 3	121	1657
Metal. Bearing.	Fairbanks Co.	50,948	Apr. 3	121	1663
Metal. Bearing.	Frictionless Metal Company	52,264	May 8	122	713
Metal. Bearing.	Frictionless Metal Company	52,265	May 8	122	713
Metal. Bearing.	Frictionless Metal Company	52,266	May 8	122	713
Metal. Bearing.	L. Lacy	55,090	Aug. 7	123	1981
Metal. Bearing.	Frictionless Metal Company	55,151	Aug. 7	123	1983
Metal-drilling machines	Champion Blower & Forge Company.	56,952	Oct. 30	124	2895
Metal, glass, and marble. Material for cleaning and polishing	Matchless Metal Polish Co.	57,736	Nov. 27	125	1341
Metal goods. Certain named.	American Screw Company	53,739	June 12	122	2378
Metal leaf.	W. H. Coe Mfg. Co.	51,575	Apr. 17	121	2319
Metal manufactures.	U. T. Hungerford Brass & Copper Co.	52,347	May 8	122	716
Metal manufactures. Certain named.	E. L. Parker & Co.	53,667	June 12	122	2375
Metal manufactures. Certain named.	E. L. Parker & Co.	53,668	June 12	122	2375
Metal manufactures. Certain named.	E. L. Parker & Co.	53,760	June 12	122	2379
Metal manufactures. Certain named.	Simplex Electric Heating Company.	56,383	Sept. 18	124	902
Metal manufactures. Certain named.	Standard Sanitary Mfg. Co.	58,506	Dec. 18	125	2355
Metal plates for ceilings and side walls.	A. Du Montier	51,831	Apr. 24	121	2655
Metal-polish.	Cosseboom, Pearce & Co.	49,635	Feb. 13	120	2118
Metal-polish.	American Metal Polish Co.	49,942	Feb. 27	120	2745
Metal-polish.	Hinds & Coon	50,070	Mar. 6	121	325
Metal-polish.	J. B. Hill	52,301	May 8	122	714

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Metal-polish.....	Ayling Bros.....	53,945	June 19	122	2675
Metal-polish.....	P. H. Solomon.....	54,482	June 26	122	2997
Metal-polish.....	American Metal Polish Co.....	55,445	Aug. 14	123	2304
Metal-polish.....	P. J. Zehnder.....	58,512	Dec. 18	125	2355
Metal-polish in soap form.....	Myers & Gordon.....	55,398	Aug. 14	123	2302
Metal-polishes.....	J. F. Wulzen & Co.....	49,896	Feb. 20	120	2437
Metal-polishes.....	C. Rath.....	52,702	May 15	122	1037
Metal-polishing preparations.....	Marshall Chemical Company.....	57,222	Nov. 6	125	344
Metal-polishing preparations.....	Marshall Chemical Company.....	57,246	Nov. 6	125	345
Metal-polishing preparations.....	Marshall Chemical Company.....	57,247	Nov. 6	125	345
Metal-polishing preparations.....	Marshall Chemical Company.....	57,248	Nov. 6	125	345
Metal-polishing preparations.....	Marshall Chemical Company.....	57,249	Nov. 6	125	345
Metal-sawing machines and saws therefor.....	Higley Machine Co.....	57,425	Nov. 13	125	657
Metal. Solder, Babbitt, or other antifriction.....	Selby Smelting & Lead Company.....	52,630	May 15	122	1034
Metal surfaces. Detergents for cleaning.....	Hanson & Van Winkle Co.....	58,061	Dec. 4	125	1693
Metal tubes.....	Stewarts and Lloyds.....	57,480	Nov. 13	125	659
Metal ware. Certain named.....	Tiffany & Co.....	55,029	Aug. 7	123	1980
Metal ware. Certain named.....	Geuder & Paeschke Manufacturing Company.....	58,976	Dec. 25	125	2759
Metals. Antifriction.....	Merchant & Evans Co.....	50,472	Mar. 20	121	1004
Metals. Antifriction.....	E. S. Shimer.....	50,911	Apr. 3	121	1661
Metals. Antifriction and bearing.....	John Finn Metal Works.....	50,819	Apr. 3	121	1657
Metals. Antifriction and bearing.....	William A. Hardy & Son's Co.....	52,284	May 8	122	714
Metals. Antifriction and bearing.....	William A. Hardy & Son's Co.....	52,285	May 8	122	714
Metals. Antifriction or bearing.....	William A. Hardy & Son's Co.....	51,511	Apr. 17	121	2316
Metals. Antifriction or bearing.....	William A. Hardy & Son's Co.....	54,762	June 26	122	3008
Metals. Babbitt and antifriction bearing.....	Palmetto Metal Company.....	54,342	June 26	122	2991
Metals. Babbitt and antifriction bearing.....	Palmetto Metal Company.....	55,095	Aug. 7	123	1982
Metals. Extruded.....	Coe Brass Manufacturing Company.....	50,625	Mar. 27	121	1337
Metals. Hand-beaten leaf.....	M. Spiegelberger.....	53,132	May 29	122	1770
Metals or alloys. Antifriction.....	Magnolia Metal Company.....	53,519	June 5	122	2053
Metals or alloys. Antifriction.....	Magnolia Metal Company.....	53,520	June 5	122	2053
Metals or alloys. Antifriction.....	Magnolia Metal Company.....	54,717	June 26	122	3007
Mica for lubricating purposes.....	United States Mica Mining and Milling Co.....	49,320	Jan. 30	120	1472
Microbe-killer.....	I. Radam.....	50,521	Mar. 20	121	1006
Microbe-killer.....	I. Radam.....	52,499	May 8	122	723
Milk and cream.....	H. Yates.....	53,511	June 5	122	2052
Milk and cream. Evaporated.....	Falk Mercantile Co.....	52,584	May 15	122	1032
Milk and dry-milk products in powder form. Dry.....	G. Kammernann & Co. Schweizerische Trockenmilchgesellschaft.....	54,708	June 26	122	3006
Milk and evaporated cream. Condensed.....	Adam Roth Grocery Company.....	50,257	Mar. 6	121	332
Milk and evaporated cream. Condensed.....	Borden's Condensed Milk Co.....	51,313	Apr. 10	121	1972
Milk centrifugal cooling and pasteurizing machines and apparatus.....	Aktiebolaget Salenius's Werkstäder.....	55,112	Aug. 7	123	1982
Milk. Condensed.....	St. Charles Condensing Co.....	48,942	Jan. 16	120	897
Milk. Condensed.....	St. Charles Condensing Co.....	49,081	Jan. 23	120	1157
Milk. Condensed.....	Borden's Condensed Milk Co.....	50,036	Feb. 27	120	2749
Milk. Condensed.....	Michigan Condensed Milk Co.....	51,401	Apr. 17	121	2312
Milk. Condensed.....	Michigan Condensed Milk Co.....	51,424	Apr. 17	121	2313
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,243	May 1	122	348
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,315	May 8	122	715
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,392	May 8	122	718
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,407	May 8	122	719
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,408	May 8	122	719
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,409	May 8	122	719
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,410	May 8	122	719
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,526	May 8	122	724
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,636	May 15	122	1034
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,637	May 15	122	1034
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,638	May 15	122	1034
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,639	May 15	122	1034
Milk. Condensed.....	Borden's Condensed Milk Co.....	52,640	May 15	122	1034
Milk. Condensed.....	Vermont Condensed Milk Co.....	52,894	May 22	122	1385
Milk. Condensed.....	Vermont Condensed Milk Co.....	52,940	May 22	122	1387
Milk. Condensed.....	Vermont Condensed Milk Co.....	52,941	May 22	122	1387
Milk. Condensed.....	Vermont Condensed Milk Co.....	52,987	May 22	122	1389
Milk. Condensed.....	Vermont Condensed Milk Co.....	53,019	May 22	122	1390
Milk. Condensed.....	Vermont Condensed Milk Co.....	53,020	May 22	122	1390
Milk. Condensed.....	Borden's Condensed Milk Co.....	53,776	June 12	122	2379
Milk. Condensed.....	Michigan Condensed Milk Co.....	54,380	June 26	122	2993
Milk. Condensed.....	Pacific Coast Condensed Milk Co.....	54,383	June 26	122	2993
Milk. Condensed.....	Vermont Condensed Milk Co.....	54,397	June 26	122	2993
Milk. Condensed.....	Vermont Condensed Milk Co.....	54,398	June 26	122	2993
Milk. Condensed.....	Borden's Condensed Milk Co.....	55,198	Aug. 7	123	1984
Milk. Condensed.....	Michigan Condensed Milk Co.....	55,246	Aug. 7	123	1986
Milk. Condensed.....	Michigan Condensed Milk Co.....	55,247	Aug. 7	123	1986
Milk. Condensed.....	Borden's Condensed Milk Co.....	56,204	Sept. 4	124	313
Milk. Condensed.....	Michigan Condensed Milk Co.....	56,249	Sept. 4	124	314
Milk. Condensed.....	Michigan Condensed Milk Co.....	56,250	Sept. 4	124	314
Milk. Condensed.....	Borden's Condensed Milk Co.....	58,577	Dec. 18	125	2356
Milk. Condensed.....	Borden's Condensed Milk Co.....	58,627	Dec. 18	125	2358
Milk. Condensed.....	Borden's Condensed Milk Co.....	58,628	Dec. 18	125	2358
Milk. Condensed milk, cream, and evaporated cream.....	Borden's Condensed Milk Co.....	52,546	May 8	122	725
Milk-coolers.....	Dairymen's Supply Company.....	51,123	Apr. 3	121	1670
Milk, cream, and buttermilk.....	Borden's Condensed Milk Co.....	55,233	Aug. 7	123	1985
Milk. Fermented.....	Dr. Dadirrian & Sons' Co.....	55,925	Aug. 21	123	2619
Milk for rearing young animals. Artificial.....	J. A. Panchaud.....	56,297	Sept. 4	124	315
Milk. Modified cows'.....	Inland Milk Laboratory Co.....	58,586	Dec. 18	125	3357
Milk. Preparation made from skim-.....	Ekenberg Milk Products Co.....	50,608	Mar. 27	121	1336
Milk. Preparation made from skim-.....	Ekenberg Milk Products Co.....	50,609	Mar. 27	121	1336
Milling-cutters.....	Standard Tool Company.....	49,922	Feb. 20	120	2438
Milling-cutters, saws, drills, reamers, punches, dies, and taps.....	W. L. Garrels.....	57,108	Nov. 6	125	341

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Milling-cutters, saws, drills, reamers, punches, dies, and taps.	W. L. Garrels.....	57,109	Nov. 6	125	341
Mills. Certain named.	Cleveland Twist Drill Company..	53,540	June 5	122	2054
Mince-meat.	Cudahy Packing Co.....	51,827	Apr. 24	121	2655
Mince-meat.	Griggs, Cooper & Company.....	56,136	Aug. 28	123	2969
Mince-meat.	Whipple Co-Operative Company..	57,618	Nov. 13	125	662
Mince-meat. Condensed.	Merrell-Soule Company.....	50,242	Mar. 6	121	532
Mince-meat. Fresh.	F. Saunders.....	53,469	June 5	122	2051
Mineral and table water.	Manitou Mineral Springs Com- pany.	56,591	Oct. 9	124	1838
Mineral compound for cleaning brass and other metals.	H. A. Lawton.....	52,444	May 8	122	720
Mineral water.	Berry Hill Mineral Spring Co. of Va.	49,733	Feb. 13	120	2121
Mineral water.	Maribel Mineral Springs Company	55,612	Aug. 21	123	2611
Mineral water.	Vossburg Lithia Springs Co.....	55,840	Aug. 21	123	2617
Mineral water.	Apollinaris Company.....	55,871	Aug. 21	123	2618
Mineral water.	Apollinaris Company.....	55,872	Aug. 21	123	2618
Mineral water and ginger-ale.	Arondack Spring Company.....	56,581	Oct. 9	124	1838
Mineral water. Natural.	Manitou Mineral Springs Com- pany.	49,171	Jan. 23	120	1161
Mineral waters.	M. A. Ferris.....	49,649	Feb. 13	120	2118
Mineral waters.	Solon Vendophone Co.....	50,292	Mar. 6	121	334
Mirror-plates.	Semon Bache & Company.....	56,329	Sept. 11	124	619
Mirrors and mirror frames or supports.	J. P. Eustis Mfg. Co.....	50,007	Feb. 27	120	2748
Moccasins.	M. L. Getchell Company.....	56,071	Aug. 21	123	2623
Mohair pile fabrics.	Lister & Company.....	55,120	Aug. 7	123	1982
Molasses.	Eastern Refining Co.....	48,950	Jan. 16	120	897
Molasses.	McCann & Co.....	49,078	Jan. 23	120	1157
Molasses.	Boston Molasses Co.....	49,513	Feb. 6	120	1819
Molasses.	Eastern Refining Co.....	49,918	Feb. 20	120	2438
Molasses.	N. W. Taussig Co.....	50,445	Mar. 20	121	1003
Molasses.	Egerton Bros.....	51,071	Apr. 3	121	1668
Molasses.	P. Duff & Sons.....	51,440	Apr. 17	121	2313
Molasses.	Eastern Refining Co.....	54,201	June 19	122	2685
Molasses.	Griggs, Cooper & Company.....	56,757	Oct. 16	124	2174
Molasses, syrup, and sorghum.	New Orleans Coffee Co.....	58,609	Dec. 18	125	2357
Molasses, syrup, and sorghum.	New Orleans Coffee Co.....	58,654	Dec. 18	125	2359
Molasses, syrup, and sorghum.	New Orleans Coffee Co.....	58,655	Dec. 18	125	2359
Molasses, syrup, and sorghum.	New Orleans Coffee Co.....	58,656	Dec. 18	125	2359
Molasses, syrup, and sorghum.	New Orleans Coffee Co.....	58,657	Dec. 18	125	2350
Molasses taffy, candy kisses, and other candies.	Robert F. Mackenzie Co.....	48,516	Jan. 2	120	317
Mops.	Palmer, Hill & Co.....	51,748	Apr. 24	121	2652
Mops.	Estes Mills.....	52,063	May 1	122	341
Mops.	Estes Mills.....	52,064	May 1	122	341
Mops.	Estes Mills.....	52,065	May 1	122	341
Mops.	Estes Mills.....	52,066	May 1	122	341
Mops.	Estes Mills.....	52,067	May 1	122	341
Mops, mop-heads, and mop parts.	Massachusetts Association for Promoting the Interests of the Adult Blind.	55,857	Aug. 21	123	2618
Moreens.	Eddystone Manufacturing Com- pany.	52,394	May 8	122	718
Mothproof bags.	T. Manahan.....	48,712	Jan. 9	120	650
Motor and dynamo brushes.	Morgan Crucible Co.....	57,382	Nov. 13	125	656
Motor-cycles.	W. F. Remppis.....	49,348	Jan. 30	120	1473
Motor-trucks.	J. G. Brill Company.....	55,566	Aug. 14	123	2307
Motor-vehicles. Certain named.	Buckeye Manufacturing Company	55,113	Aug. 7	123	1982
Motors and motor machinery and parts thereof. Gasolene-	W. H. Barrett.....	54,733	June 26	122	3007
Mouth and tooth wash.	H. K. Mulford Company.....	54,618	June 26	122	3002
Mouth nose, and throat wash.	Lavoris Chemical Company.....	53,922	June 12	122	2385
Mower and reaper knife sections.	R. Herschel Manufacturing Co...	57,151	Nov. 6	125	342
Mower and reaper knives.	Whitman & Barnes Manufacur- ing Company.	56,282	Sept. 4	124	315
Mower, binder, harvester, and header guards.	Whitman & Barnes Manufacur- ing Company.	54,257	June 26	122	2988
Mower, binder, reaper, and header knife and sickle heads.	Whitman & Barnes Manufacur- ing Company.	52,922	May 22	122	1386
Mower, reaper, harvester, and header guard-plates.	Whitman & Barnes Manufacur- ing Company.	54,729	June 26	122	3007
Mowers and parts thereof. Lawn-	Hibbard, Spencer, Bartlett & Company.	53,248	May 29	122	1713
Mowers. Lawn.	A. B. Case.....	50,038	Feb. 27	120	2749
Mowers. Lawn.	Supplee Hardware Company.....	51,626	Apr. 17	121	2321
Mowers. Lawn.	Supplee Hardware Company.....	51,627	Apr. 17	121	2321
Mowers. Lawn.	A. B. Case.....	51,881	Apr. 24	121	2657
Mowers. Lawn.	Supplee Hardware Company.....	54,238	June 26	122	2987
Mowers. Lawn.	Supplee Hardware Company.....	54,254	June 26	122	2988
Mowers. Lawn.	Supplee Hardware Company.....	54,255	June 26	122	2988
Mowers. Lawn.	Whitman & Barnes Manufacur- ing Company.	54,258	June 26	122	2988
Mucilage, liquid adhesive starch gums, and liquid adhesive siz- ings and pastes.	Arabol Mfg Co.....	56,407	Sept. 25	124	1201
Mucilage, paste, and adhesive cements.	Carter's Ink Company.....	50,451	Mar. 20	121	1003
Mucilage, paste, and sealing-wax.	S. S. Stafford, Inc.....	54,481	June 26	122	2997
Mucilage, paste, liquid glue, and cement.	Diamond Ink Company.....	56,805	Oct. 16	124	2175
Mucilages.	Carter's Ink Company.....	49,033	Jan. 23	120	1156
Music and music-books. Sheet-	L. Feist.....	54,074	June 19	122	2680
Music-boxes.	F. A. Richter.....	54,552	June 26	122	3001
Music in sheet, folio, and book form.	McKinley Music Co.....	55,334	Aug. 14	123	2301
Music, instruction-books, and opera-scores. Sheet-	Gus Edwards Music Publishing Co.	54,277	June 26	122	2989
Music-playing instruments and music-rolls therefor. Auto- matic.	Wilcox & White Company.....	57,522	Nov. 13	125	660
Musical boxes and tune-disks.	Lyon & Healy.....	53,146	May 29	122	1709
Musical compositions.	R. De Koven.....	56,560	Oct. 9	124	1837
Musical-instrument strings.	Lyon & Healy.....	51,374	Apr. 17	121	2311
Musical-instrument strings.	Lyon & Healy.....	57,370	Nov. 13	125	656

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Musical-instrument strings.....	Lyons & Healy.....	57,810	Nov. 27	125	1343
Musical-instrument strings.....	Lyons & Healy.....	57,811	Nov. 27	125	1343
Musical-instrument strings.....	Lyons & Healy.....	57,970	Dec. 4	125	1691
Musical-instrument supplies.....	Lyons & Healy.....	54,359	June 26	122	2992
Musical-instrument supply-packages.....	Lyons & Healy.....	54,519	June 26	122	2999
Musical instruments and strings. Certain named.....	A. A. Schlott.....	57,980	Dec. 4	125	1691
Musical instruments. Certain named.....	Lyons & Healy.....	53,390	June 5	122	2047
Musical instruments. Certain named.....	Lyons & Healy.....	57,100	Nov. 6	125	341
Musical instruments. Certain named.....	Regina Company.....	58,661	Dec. 18	125	2359
Mustard.....	C. Gulden.....	48,460	Jan. 2	120	315
Mustard.....	Wm. Henning Co.....	54,909	July 31	123	1660
Mustard.....	D. & L. Slade Co.....	56,867	Oct. 23	124	2528
Mustard and spices.....	Tone Bros.....	48,467	Jan. 2	120	316
Mustard and spices.....	Brownell & Field Company.....	49,067	Jan. 23	120	1157
Nail-clippers.....	Smith & Hemenway Company.....	53,571	June 5	122	2055
Nail-pullers.....	Tower & Lyon Co.....	48,748	Jan. 9	120	652
Nail-sets.....	Cleveland Twist Drill Company.....	53,539	June 5	122	2054
Nails.....	United Shoe Machinery Company.....	53,736	June 12	122	2378
Nails.....	F. W. Whitchee.....	57,770	Nov. 27	125	1342
Nails. Corrugated brass shoe.....	River Co.....	52,022	May 1	122	339
Nails. Finish.....	A. J. Chase.....	54,638	June 26	122	3003
Nails. Horse.....	Standard Horse Nail Company.....	49,444	Feb. 6	120	1816
Nails. Horse.....	Standard Horse Nail Company.....	49,445	Feb. 6	120	1816
Nails. Horse.....	Standard Horse Nail Company.....	49,591	Feb. 13	120	2116
Nails. Horse.....	Standard Horse Nail Company.....	49,592	Feb. 13	120	2116
Nails. Horse.....	Standard Horse Nail Company.....	49,681	Feb. 13	120	2120
Nails. Horse.....	Standard Horse Nail Company.....	49,682	Feb. 13	120	2120
Nails. Horse.....	Standard Horse Nail Company.....	49,683	Feb. 13	120	2120
Nails. Horse.....	Union Horse Nail Company.....	49,941	Feb. 27	120	2745
Nails. Horse.....	Union Horse Nail Company.....	49,964	Feb. 27	120	2746
Nails. Horse.....	Capewell Horse Nail Company.....	50,450	Mar. 20	121	1003
Nails. Horse.....	Capewell Horse Nail Company.....	51,221	Apr. 10	121	1968
Nails. Horse.....	Union Horse Nail Company.....	51,810	Apr. 24	121	2654
Nails. Horse.....	Union Horse Nail Company.....	51,811	Apr. 24	121	2654
Nails. Horse.....	Standard Horse Nail Company.....	52,343	May 8	122	716
Nails. Horse.....	Standard Horse Nail Company.....	52,344	May 8	122	716
Nails. Horse.....	Capewell Horse Nail Company.....	54,637	June 26	122	3003
Nails. Horse.....	Capewell Horse Nail Company.....	56,605	Oct. 9	124	1838
Nails. Horse.....	Ausable Horse Nail Company.....	58,939	Dec. 25	125	2753
Nails provided with a non-metallic coating.....	J. C. Pearson Co.....	52,269	May 8	122	713
Nails. Upholsterers'.....	Traut & Hine Mfg. Co.....	50,115	Mar. 6	121	327
Nails. Wire.....	C. F. Baker & Co.....	49,090	Jan. 23	120	1158
Nails. Wire.....	C. F. Baker & Co.....	49,583	Feb. 13	120	2116
Nails. Wire.....	J. Hassall.....	58,487	Dec. 18	125	2354
Naphtha.....	Standard Oil Co. of New York.....	55,011	Aug. 7	123	1979
Naphtha, benzin, and gasolene.....	Standard Oil Co. of New York.....	58,715	Dec. 25	125	2751
Neck ties and scarfs. Men's.....	Weld, Colburn & Wilkens.....	54,843	July 31	123	1659
Neckscarfs.....	Weber and Heilbronner.....	54,348	June 26	122	2991
Neckties.....	Hellenberg & Co.....	58,584	Dec. 18	125	2357
Neckties or cravats.....	P. Cheever.....	55,631	Aug. 21	123	2612
Neckwear-supporters.....	Blumenkrohn Crochet Button Works.....	58,576	Dec. 18	125	2356
Needles.....	C. H. Crowley.....	49,431	Feb. 6	120	1815
Needles.....	C. H. Crowley.....	50,091	Mar. 6	121	326
Needles.....	Excelsior Needle Company.....	53,544	June 5	122	2054
Needles and bodkins. Hand-sewing.....	Abel Morrall Limited.....	58,461	Dec. 18	125	2353
Needles and crochet-hooks. Hand-sewing and knitting.....	Henry Milward & Sons.....	58,215	Dec. 11	125	2038
Needles, crochet-hooks, and bodkins. Hand-sewing and knitting.....	H. Milward & Sons.....	58,462	Dec. 18	125	2354
Needles, crochet-hooks, knitting-needles, and bodkins.....	John James & Sons.....	57,412	Nov. 13	125	657
Needles for hand and machine sewing.....	Henry Milward & Sons.....	51,557	Apr. 17	121	2318
Needles for hand and machine sewing.....	Henry Milward & Sons.....	52,328	May 8	122	715
Needles for hand-sewing.....	G. A. Wright.....	56,736	Oct. 16	124	2173
Needles for hand-sewing and machines.....	Singer Manufacturing Company.....	54,023	June 19	122	2678
Needles. Hand-sewing.....	Henry Milward & Sons.....	55,243	Aug. 7	123	1985
Needles. Hand-sewing.....	H. Milward & Sons.....	58,216	Dec. 11	125	2038
Needles. Machine.....	Union Special Machine Company.....	54,759	June 26	122	3008
Needles of all kinds.....	Thüringische Nadel & Stahlwaren Fabrik Wolf, Knippenberg & Co., Actien Gesellschaft.....	52,346	May 8	122	716
Needles. Self-threading.....	London Needle Company.....	52,104	May 1	122	343
Needles. Sewing-machine.....	G. T. Robie.....	55,137	Aug. 7	123	1983
Negative-intensifiers.....	Kirk-Geary & Company.....	52,103	May 1	122	342
Nerve and brain food.....	National Remedy Company.....	55,769	Aug. 21	123	2615
Nerve-elixir.....	E. Dort.....	50,502	Mar. 20	121	1005
Nets. Hair.....	A. G. Jennings.....	58,606	Dec. 18	125	2357
Nets. Silk hair.....	A. H. Woolley & Co.....	48,970	Jan. 16	120	898
Neuralgia cure or specific.....	E. B. White.....	52,796	May 15	122	1040
Neuralgia-drops.....	G. G. Steketee.....	51,599	Apr. 17	121	2320
Newspaper.....	Manufacturers' Record Publishing Company.....	50,331	Mar. 13	121	681
Newspaper.....	W. R. Hearst.....	57,354	Nov. 13	125	655
Newspaper.....	W. R. Hearst.....	57,355	Nov. 13	125	655
Newspaper comic sections or pages.....	New York Herald Company.....	54,720	June 26	122	3007
Newspaper. Daily.....	W. O. Davis.....	56,994	Oct. 30	124	2896
Newspaper. Daily.....	Morning Journal Association.....	57,356	Nov. 13	125	655
Newspaper. Daily.....	New England Newspaper Publishing Company.....	57,357	Nov. 13	125	655
Newspaper. Daily.....	New York Evening Journal Publishing Company.....	57,358	Nov. 13	125	655
Newspaper. Daily.....	Star Company.....	57,360	Nov. 13	125	655
Newspaper. Daily.....	Illinois Printing & Publishing Co.....	57,368	Nov. 13	125	656
Newspaper. Daily.....	Star Company.....	57,372	Nov. 13	125	656
Newspaper. Daily.....	Hearst's Chicago American.....	58,678	Dec. 25	125	2751
Newspaper of general interest. Weekly.....	W. H. Maule.....	55,430	Aug. 14	123	2303
Newspaper or periodical.....	C. W. Coplen.....	58,363	Dec. 11	125	2042

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Newspaper. Trade.....	David Williams Company.....	49,764	Feb. 13	120	2123
Newspaper. Weekly.....	C. Guild & Co.....	49,123	Jan. 23	120	1159
Newspaper. Weekly.....	Billboard Publishing Company.....	49,228	Jan. 30	120	1469
Newspaper. Weekly.....	W. C. & F. P. Church.....	49,503	Feb. 6	120	1818
Newspaper. Weekly.....	American Standard Publishing Company.....	52,052	May 1	122	341
Newspaper. Weekly.....	W. O. Davis.....	57,057	Oct. 30	124	2897
Newspaper. Weekly.....	W. R. Hearst.....	57,366	Nov. 13	125	656
Newspapers.....	Manufacturers' Record Publishing Company.....	54,853	July 31	123	1659
Newspapers.....	C. P. Davis.....	55,887	Aug. 21	123	2618
Newspapers.....	Reinert Publishing Co.....	57,947	Dec. 4	125	1691
Newspapers. Agricultural.....	J. M. Stahl.....	53,796	June 12	122	2380
Newspapers. Daily.....	Daily Racing Form Publishing Company.....	57,056	Oct. 30	124	2897
Newspapers. Comic section of.....	New York Herald Company.....	49,499	Feb. 6	120	1818
Newspapers. Comic sections of.....	Tribune Company.....	58,698	Dec. 25	125	2758
Newspapers. Weekly.....	Nordstjernan Publishing Co.....	55,905	Aug. 21	123	2619
Nickel salts.....	Hanson & Van Winkle Co.....	51,930	Apr. 24	121	2659
Nippers, pincers, and cutting-pliers.....	Utica Drop Forge & Tool Company.....	49,173	Jan. 23	120	1161
Nitro compounds.....	Joveite Manufacturing Company.....	50,617	Mar. 27	121	1336
Nitrogen-fixing bacteria.....	Ray Chemical Co.....	58,500	Dec. 18	125	2355
Noodles and macaroni. Egg.....	C. F. Mueller Co.....	50,606	Mar. 27	121	1336
Noodles and vermicelli.....	John Boehm Co.....	53,462	June 5	122	2050
Nuts. Track-bolt.....	American Iron & Steel M'fg Co.....	54,732	June 26	122	3007
Oats and farina. Rolled.....	Griggs, Cooper & Company.....	56,165	Aug. 28	123	2970
Oats. Compressed rolled.....	Great Western Cereal Co.....	57,732	Nov. 27	125	1341
Oats. Crushed.....	Great Western Cereal Co.....	51,059	Apr. 3	121	1667
Oats. Rolled.....	Wilkinson, Gaddis & Co.....	54,591	June 26	122	3001
Oats. Rolled.....	Atchison Oat Meal and Cereal Co.....	54,929	Aug. 7	123	1977
Oats. Rolled.....	H-O (Hornby's Oatmeal) Company.....	55,819	Aug. 21	123	2617
Oats. Rolled and ground.....	H-O (Hornby's Oatmeal) Company.....	56,827	Oct. 23	124	2527
Obtundent or local anesthetic.....	Eureka Chemical Co.....	51,318	Apr. 10	121	1972
Office-partitions.....	Mount & Robertson.....	55,359	Aug. 14	123	2301
Oil and lubricants. Cylinder.....	White & Bagley Co.....	58,533	Dec. 18	125	2355
Oil and oil butter. Olive.....	A. V. Stuart & Co.....	55,800	Aug. 21	123	2616
Oil and soluble grease. Turkey-red.....	Arabol M'fg Co.....	51,416	Apr. 17	121	2313
Oil. Antiseptic healing.....	Paris Medicine Co.....	50,244	Mar. 6	121	332
Oil. Antiseptic healing.....	Paris Medicine Co.....	50,245	Mar. 6	121	332
Oil cake. Vegetable.....	F. G. Kinney & Co.....	58,147	Dec. 4	125	1696
Oil. Castor.....	Baker Castor Oil Company.....	48,944	Jan. 16	120	897
Oil. Castor.....	National Lead Company.....	50,553	Mar. 20	121	1007
Oil. Castor.....	Morris Bros.....	50,726	Mar. 27	121	1341
Oil. Castor.....	Baker Castor Oil Company.....	51,918	Apr. 24	121	2658
Oil. Castor.....	Griggs, Cooper and Company.....	52,172	May 1	122	345
Oil. Castor.....	National Lead Company.....	54,115	June 19	122	2681
Oil. Castor.....	Lamar & Rankin Drug Company.....	54,357	June 26	122	2992
Oil. Castor.....	C. Delacre & Cie.....	54,656	June 26	122	3004
Oil. Castor.....	Marsh Oil Company.....	56,459	Sept. 25	124	1202
Oil. Castor.....	Robert B. Brown Oil Company.....	56,528	Oct. 2	124	1518
Oil. Castor and medicinal sweet.....	E. R. Durkee & Co.....	55,740	Aug. 21	123	2615
Oil-cloths.....	Standard Table Oil Cloth Co.....	50,993	Apr. 3	121	1665
Oil-cloths and oil-cloth coverings and linings.....	Standard Table Oil Cloth Co.....	56,670	Oct. 16	124	2172
Oil. Cod-liver.....	Waterbury Chemical Company.....	49,086	Jan. 23	120	1158
Oil confection. Castor.....	Castor Oil Tablet Co.....	52,771	May 15	122	1039
Oil-cups.....	Lunkenheimer Company.....	50,595	Mar. 27	121	1335
Oil. Cylinder and valve.....	J. D. Streett & Company.....	52,310	May 8	122	715
Oil emulsion. Cod-liver.....	Chas. H. Phillips Chemical Co.....	55,600	Aug. 21	123	2611
Oil for external and internal use.....	Foster-Milburn Company.....	56,208	Sept. 4	124	313
Oil for table use and cooking. Olive and salad.....	G. Lueders & Co.....	52,810	May 15	122	1041
Oil for watches and clocks. Lubricating.....	J. Wing.....	51,258	Apr. 10	121	1970
Oil. Healing pine.....	M. W. Savage.....	50,946	Apr. 3	121	1662
Oil. Healing pine.....	M. W. Savage.....	56,529	Oct. 2	124	1518
Oil. Illuminating.....	West India Oil Company.....	52,706	May 15	122	1037
Oil. Illuminating.....	Marshall Oil Company.....	57,250	Nov. 6	125	245
Oil in the form of pellets. Castor.....	I. R. Blackburn.....	50,361	Mar. 13	121	682
Oil. Kerosene.....	Wessels, Kulenkampff & Co.....	58,386	Dec. 11	125	2042
Oil. Linseed.....	National Lead & Oil Co. of Pa.....	53,758	June 12	122	2379
Oil. Lubricating.....	E. O. Hall and Son.....	53,338	May 29	122	1717
Oil. Lubricating.....	Singer Manufacturing Company.....	53,987	June 19	122	2676
Oil. Lubricating.....	Fiske Brothers Refining Co.....	54,204	June 19	122	2677
Oil-meal. Linseed.....	E. F. Darrell & Co.....	52,197	May 1	122	346
Oil of orange, bergamot, and lemon.....	George Lueders & Co.....	54,276	June 26	122	2989
Oil. Olive.....	Marchesini Bros.....	49,076	Jan. 23	120	1157
Oil. Olive.....	Thomas McMullen & Co.....	49,910	Feb. 20	120	2437
Oil. Olive.....	A. Zucca.....	50,708	Mar. 27	121	1340
Oil. Olive.....	Los Angeles Olive Growers Association.....	51,298	Apr. 10	121	1971
Oil. Olive.....	Chaffard & Coudere.....	52,244	May 1	122	348
Oil. Olive.....	R. Hill.....	52,753	May 15	122	1039
Oil. Olive.....	R. Hill.....	52,754	May 15	122	1039
Oil. Olive.....	R. Hill.....	52,755	May 15	122	1039
Oil. Olive.....	Akerman & Tuffley.....	52,799	May 15	122	1041
Oil. Olive.....	W. A. Castle Co.....	53,447	June 5	122	2050
Oil. Olive.....	T. Martindale & Co.....	54,622	June 26	122	3002
Oil. Olive.....	Hauselt & Lunschloss.....	55,822	Aug. 21	123	2617
Oil. Olive.....	D. S. Francesconi.....	56,446	Sept. 25	124	1202
Oil. Olive.....	P. Sasso & Figli.....	57,045	Oct. 30	124	2897
Oil. Olive.....	Bisi & Caprini.....	58,623	Dec. 18	125	2358
Oil. Olive.....	A. Cusimano & Co.....	58,853	Dec. 25	125	2756
Oil. Olive.....	L. J. Scaramelli & Co.....	58,989	Dec. 25	125	2759
Oil. Painting, staining, and graining.....	James B. Sipe & Co.....	49,863	Feb. 20	120	2436
Oil. Pine-wood.....	Spiritine Chemical Company.....	51,506	Apr. 17	121	2316

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Oil. Pure olive.....	Gennerich & Von Bremen.....	51,835	Apr. 24	121	2655
Oil. Salad.....	Wm. Henning Co.....	54,886	July 31	123	1660
Oil. Salad.....	McKesson & Robbins.....	56,729	Oct. 16	124	2173
Oil. Sewing-machine.....	G. T. Robie.....	55,407	Aug. 14	123	2303
Oil. Sewing machine and bicycle.....	Griggs, Cooper & Co.....	57,733	Nov. 27	125	1341
Oil. Succedaneum for cod-liver.....	Norwich Pharmacal Company.....	50,026	Feb. 27	120	2749
Oils and grease. Lubricating.....	F. B. Hower.....	50,466	Mar. 20	121	1004
Oils and grease. Lubricating.....	C. F. Kellom.....	53,727	June 12	122	2378
Oils and greases. Illuminating and lubricating.....	Sterling Oil Company.....	55,512	Aug. 14	123	2305
Oils and lubricants derived from petroleum.....	Bulls Head Oil Works.....	57,882	Dec. 4	125	1689
Oils and lubricating-oil compositions or greases. Lubricating.....	New York & New Jersey Lubricant Co.....	56,809	Oct. 16	124	2175
Oils. Cooking and baking.....	Independent Cotton Oil Co.....	53,487	June 5	122	2051
Oils, greases, and compounds. Lubricating.....	Ironsides Company.....	58,491	Dec. 18	125	2354
Oils, greases, and compounds. Lubricating.....	Ironsides Company.....	58,492	Dec. 18	125	2354
Oils. Hydrocarbon illuminating.....	Kehew-Bradley Company.....	55,504	Aug. 14	123	2305
Oils. Illuminating.....	Standard Oil Co. of New York.....	50,889	Apr. 3	121	1660
Oils. Illuminating.....	Standard Oil Co. of New York.....	51,049	Apr. 3	121	1667
Oils. Illuminating.....	Standard Oil Co. of New York.....	52,617	May 15	122	1033
Oils. Illuminating.....	Standard Oil Co. of New York.....	54,025	June 19	122	2678
Oils. Illuminating.....	Warden & Oxnard.....	58,385	Dec. 11	125	2042
Oils. Illuminating and heating.....	Price's Patent Candle Co.....	51,808	Apr. 24	121	2654
Oils. Lubricating.....	Galena-Signal Oil Company.....	49,274	Jan. 30	120	1470
Oils. Lubricating.....	Crew Levick Co.....	50,851	Apr. 3	121	1659
Oils. Lubricating.....	Galena-Signal Oil Company.....	50,900	Apr. 3	121	1661
Oils. Lubricating.....	Atlantic Refining Company.....	51,677	Apr. 24	121	2649
Oils. Lubricating.....	American Petroleum Products Co.....	52,051	May 1	122	341
Oils. Lubricating.....	Wilburine Oil Works.....	52,121	May 1	122	343
Oils. Lubricating.....	Valvoline Oil Company.....	53,237	May 29	122	1712
Oils. Lubricating.....	Atlantic Refining Company.....	53,715	June 12	122	2377
Oils. Lubricating.....	Kehew-Bradley Company.....	55,083	Aug. 7	123	1981
Oils. Lubricating.....	Valvoline Oil Company.....	56,816	Oct. 23	124	2527
Oils. Lubricating.....	Haggerty Refining Company.....	58,255	Dec. 11	125	2039
Oils. Lubricating.....	Pure Oil Company.....	59,004	Dec. 25	125	2760
Oils. Lubricating.....	Pure Oil Company.....	59,005	Dec. 25	125	2760
Oils. Lubricating.....	Pure Oil Company.....	59,006	Dec. 25	125	2760
Oils. Lubricating.....	Pure Oil Company.....	59,007	Dec. 25	125	2760
Oils. Machine.....	E. R. Durkee & Co.....	54,614	June 26	122	3002
Oils manufactured from petroleum. Illuminating.....	Standard Oil Co. of New York.....	53,445	June 5	122	2050
Oils. Mineral lubricating.....	Ernst Schliemann's Oelwerke Gesellschaft mit Beschränkter Haftung.....	55,024	Aug. 7	123	1980
Oils. Natural or synthesized essential.....	Heine & Co.....	58,723	Dec. 25	125	2752
Oils. Paint.....	Kay and Ess Co.....	55,001	Aug. 7	123	1979
Oils. Petroleum burning.....	Gulf Refining Company.....	48,782	Jan. 16	120	891
Oils. Petroleum burning.....	Gulf Refining Company.....	48,783	Jan. 16	120	891
Oils. Petroleum burning.....	Gulf Refining Company.....	48,784	Jan. 16	120	891
Oils. Petroleum burning.....	Gulf Refining Company.....	48,785	Jan. 16	120	891
Oils. Petroleum burning.....	Gulf Refining Company.....	48,786	Jan. 16	120	891
Oils. Petroleum burning.....	Gulf Refining Company.....	48,787	Jan. 16	120	891
Oils. Petroleum lubricating.....	Gulf Refining Company.....	52,592	May 15	122	1033
Oils. Petroleum lubricating.....	Gulf Refining Company.....	52,593	May 15	122	1033
Oils used in making perfume.....	Heine & Co.....	50,375	Mar. 13	121	683
Oils used in the manufacture of perfume.....	Heine & Co.....	53,599	June 5	122	2056
Oiled clothing.....	J. H. Rowe Company.....	48,635	Jan. 9	120	647
Oiled clothing.....	J. H. Rowe Company.....	48,636	Jan. 9	120	647
Oiled clothing.....	J. H. Rowe Company.....	49,278	Jan. 30	120	1471
Oiled clothing.....	A. J. Tower Company.....	49,427	Feb. 6	120	1815
Oiled clothing.....	A. J. Tower Company.....	49,700	Feb. 13	120	2120
Oiled clothing.....	A. J. Tower Company.....	50,709	Mar. 27	121	1340
Oiled clothing.....	A. J. Tower Company.....	51,676	Apr. 24	121	2649
Oiled clothing.....	A. J. Tower Company.....	51,718	Apr. 24	121	2651
Oiled clothing.....	A. J. Tower Company.....	51,719	Apr. 24	121	2651
Oiled clothing of all kinds.....	A. J. Tower Company.....	49,756	Feb. 13	120	2122
Oiled clothing of all kinds.....	A. J. Tower Company.....	53,091	May 29	122	1707
Oilstones, waterstones, whetstones, hones, and grindstones.....	Scranton Whetstone and Abrasive Wheel Co.....	50,699	Mar. 27	121	1339
Oilstones, waterstones, whetstones, hones, and grindstones.....	Scranton Whetstone and Abrasive Wheel Co.....	52,738	May 15	122	1038
Ointment.....	Dr. Kilmer & Co.....	48,791	Jan. 16	120	891
Ointment.....	F. Watson.....	49,365	Jan. 30	120	1474
Ointment.....	Potter Drug & Chemical Corporation.....	49,573	Feb. 13	120	2115
Ointment.....	R. B. Ray.....	50,730	Mar. 27	121	1341
Ointment.....	Potter Drug & Chemical Corporation.....	50,754	Mar. 27	121	1342
Ointment.....	D. Ransom, Son and Company.....	51,518	Apr. 17	121	2317
Ointment.....	W. T. Hite.....	51,561	Apr. 17	121	2318
Ointment.....	L. C. Nickerson.....	51,940	Apr. 24	121	2659
Ointment.....	P. Gary.....	53,080	May 22	122	1393
Ointment.....	Good Samaritan Ointment Company.....	55,682	Aug. 21	123	2613
Ointment.....	Lewis Bros.....	56,016	Aug. 21	123	2622
Ointment.....	E. M. Barnhardt.....	56,657	Oct. 16	124	2171
Ointment.....	Medical Lake Salts Mfg. Co.....	57,866	Nov. 27	125	1345
Ointment for human use.....	Trench's Remedies Ltd.....	51,950	Apr. 24	121	2660
Ointment for the complexion.....	J. Rowell.....	54,293	June 26	122	2989
Ointment for the cure of eczema.....	N. N. Shire.....	50,991	Apr. 3	121	1664
Ointments.....	National Food Co.....	48,935	Jan. 16	120	897
Ointments.....	Foster-Milburn Co.....	50,929	Apr. 3	121	1662
Ointments.....	Pond's Extract Company.....	51,092	Apr. 3	121	1669
Ointments.....	Foster-McClellan Company.....	53,075	May 22	122	1393
Ointments.....	W. B. Smith.....	54,065	June 19	122	2679
Ointments.....	P. Leuschner.....	54,337	June 26	122	2991
Ointments.....	Foster-McClellan Company.....	55,606	Aug. 21	123	2611
Ointments and lotions.....	Léhealol Preparation Co.....	49,253	Jan. 30	120	1470

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Ointments and salves.....	Beacon Ointment Co.....	54,962	Aug. 7	123	1978
Ointments and salves.....	J. W. Cole & Co.....	56,157	Aug. 28	123	2970
Ointments. Cream.....	National Toilet Company.....	49,589	Feb. 13	120	2116
Oleomargarin.....	Swift and Company.....	55,958	Aug. 21	123	2620
Oleomargarin.....	Capital City Dairy Co.....	58,161	Dec. 11	125	2037
Olives.....	C. Gulden.....	48,459	Jan. 2	120	315
Olives.....	C. Gulden.....	48,990	Jan. 16	120	899
Olives.....	S. J. Valk & Bro.....	49,924	Feb. 20	120	2438
Olives.....	S. J. Valk & Bro.....	49,925	Feb. 20	120	2438
Olives.....	Francis H. Leggett & Company.....	52,462	May 8	122	721
Olives.....	Akerman & Tuffley.....	52,524	May 8	122	724
Olives.....	C. Gulden.....	53,099	May 29	122	1707
Olives.....	Griggs, Cooper and Company.....	53,784	June 12	122	2380
Olives.....	Wm. Henning Co.....	54,910	July 31	123	1660
Olives.....	Griggs, Cooper & Company.....	56,111	Aug. 28	123	2969
Olives and pickled olives.....	Los Angeles Olive Growers' Ass'n.....	49,663	Feb. 13	120	2119
Olives in bottles and jars.....	Seville Packing Company.....	55,221	Aug. 7	123	1985
Olives. Preserved.....	C. Gulden.....	50,232	Mar. 6	121	331
Olives. Stuffed.....	S. J. Valk & Bro.....	52,893	May 22	122	1385
Opera-glasses.....	Merry Optical Company.....	56,573	Oct. 9	124	1837
Opera-glasses.....	Merry Optical Company.....	56,574	Oct. 9	124	1837
Oranges, lemons, and grape-fruit.....	Fernando Fruit Growers Association.....	52,251	May 1	122	348
Oranges, lemons, and grape-fruit.....	Fernando Fruit Growers Association.....	57,037	Oct. 30	124	2897
Oranges, lemons, grape-fruit, and citron.....	Riverside Navel Orange Company.....	51,703	Apr. 24	121	2650
Oranges, lemons, grape-fruit, tangerines, and mandarins.....	Russell & Company.....	52,761	May 15	122	1039
Organs.....	W. W. Putnam & Co.....	50,072	Mar. 6	121	325
Organs.....	O. Herrmann.....	51,031	Apr. 3	121	1666
Organs.....	Packard Company.....	54,174	June 19	122	2684
Organs.....	W. W. Kimball Company.....	55,340	Aug. 14	123	2301
Ornaments. Metal.....	C. F. Rump & Sons.....	48,913	Jan. 16	120	896
Oven-turnbuckles and wrought-iron pipe-strap.....	Berger Bros. Co.....	53,617	June 5	122	2057
Overalls.....	E. G. Sanders.....	49,874	Feb. 20	120	2436
Overalls.....	H. W. Carter & Sons.....	50,145	Mar. 6	121	328
Overalls.....	H. W. Carter & Sons.....	50,146	Mar. 6	121	328
Overalls.....	Globe Overall Co.....	52,884	May 22	122	1385
Overalls and workmen's shirts, coats or jackets, and pants.....	H. S. Peters.....	49,045	Jan. 23	120	1156
Overalls, aprons, coats, and pants.....	Cleveland & Whitehill Company.....	50,743	Mar. 27	121	1341
Overalls, bibs, and coats.....	Richford Garment Company.....	53,869	June 12	122	2383
Overalls, blouses, coats, vests, and trousers.....	Oshkosh Clothing Manufacturing Company.....	48,509	Jan. 2	120	317
Overalls, coats, and trousers.....	Red Diamond Clothing Co.....	51,154	Apr. 3	121	1671
Overalls, jumpers, and trousers.....	Fort Worth Overall Co.....	58,580	Dec. 18	125	2357
Overcoat-collars.....	Hoffman and Murphy.....	56,170	Aug. 28	123	2970
Overcoats and suits.....	Friend Bros. Clo. Co.....	54,102	June 19	122	2681
Overcoats and trousers.....	W. and B. Strouse.....	55,467	Aug. 14	123	2304
Overcoats, coats, vests, and trousers.....	Marx & Haas Clothing Co.....	49,287	Jan. 30	120	1471
Overcoats, coats, vests, and trousers. Men's and children's.....	Myers & Andrews.....	48,505	Jan. 2	120	317
Overcoats, coats, vests, pants, and reefers.....	Schloss Bros.....	58,599	Dec. 18	125	2357
Overcoats, coats, vests, trousers, and knee-pants.....	F. B. Q. Clothing Co.....	49,308	Jan. 30	120	1472
Overcoats. Men's.....	Schwab Clothing Co.....	57,129	Nov. 6	125	342
Overshirts.....	Levi Strauss & Company.....	51,528	Apr. 17	121	2317
Overshirts.....	J. A. Horner & Co.....	58,977	Dec. 25	125	2759
Overshirts.....	Washington Shirt Co.....	58,995	Dec. 25	125	2759
Oysters.....	Haas Bros.....	50,614	Mar. 27	121	1336
Oysters and shrimp.....	Aughinbaugh Canning Company.....	57,575	Nov. 13	125	661
Oysters. Fresh and canned.....	Torsch Packing Co.....	57,614	Nov. 13	125	662
Oysters. Fresh-shucked.....	M. J. McCready.....	55,766	Aug. 21	123	2615
Oysters, shrimp, lobsters, clams, and crabs. Canned.....	M. J. Boyer.....	55,922	Aug. 21	123	2619
Packing.....	Greene Tweed & Co.....	53,420	June 5	122	2049
Packing composed of rubber and canvas. Piston-rod.....	Carolina Supply Company.....	55,970	Aug. 21	123	2621
Packing. Flax.....	Dunham, Carrigan & Hayden Co.....	50,148	Mar. 6	121	328
Packing for steam or other engines and machinery.....	Eureka Packing Company.....	58,947	Dec. 25	125	2758
Packing for stuffing-boxes, &c.....	R. Kinger.....	50,978	Apr. 3	121	1664
Packing for valve-joints.....	Fairbanks Co.....	49,780	Feb. 13	120	2123
Packing gages and cutters.....	Demarest and Carver.....	52,356	May 8	122	717
Packing-house products. Certain named.....	W. H. Burke.....	56,584	Oct. 9	124	1838
Packing. Machinery.....	C. A. Daniel.....	49,808	Feb. 20	120	2433
Packing. Machinery.....	C. A. Daniel.....	52,414	May 8	122	719
Packing. Machinery.....	C. Nuhning.....	52,983	May 22	122	1389
Packing. Machinery.....	C. A. Daniel.....	57,938	Dec. 4	125	1690
Packing materials for steam and water joints.....	E. Cooper.....	53,372	June 5	122	2047
Packing. Piston-rod and valve.....	Garlock Packing Co.....	54,202	June 19	122	2685
Packing. Rod.....	Mulconroy Co.....	51,192	Apr. 10	121	1967
Packing. Rubber.....	Gorham Rubber Company.....	52,268	May 8	122	713
Packing. Rubber.....	Gibbens & Stream.....	53,142	May 29	122	1709
Packing. Rubber and hemp.....	Hibbard, Spencer, Bartlett & Company.....	55,073	Aug. 7	123	1981
Packing. Spiral, sectional ring, flax, and sheet.....	Speck, Marshall & Co.....	52,820	May 15	122	1042
Packing. Steam and water.....	American Steam Packing Company.....	49,141	Jan. 23	120	1160
Packing. Steam and water.....	American Steam Packing Company.....	49,459	Feb. 6	120	1816
Packing. Steam and water.....	Garlock Packing Co.....	57,940	Dec. 4	125	1690
Packings.....	Keasbey & Mattison Company.....	49,526	Feb. 6	120	1819
Packings. Piston, rod, and joint.....	Mechanical Rubber Co.....	56,187	Aug. 28	123	2971
Paint. Acid, heat, water, and weather proof and wood and metal preservative.....	Hydro-Carbon Manufacturing Company.....	48,530	Jan. 2	120	318
Paint and varnish remover.....	Toch Brothers.....	50,703	Mar. 27	121	1340
Paint and varnish removers.....	J. Lucas & Co.....	58,241	Dec. 11	125	2039
Paint. Anticorrosive and antifouling.....	Rahtjen's American Composition Company.....	55,908	Aug. 21	123	2619
Paint. Black insulating.....	E. Calman & Co.....	56,783	Oct. 16	124	2175
Paint. Coal-tar.....	Barrett Manufacturing Company.....	53,997	June 19	122	2677

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Paint. Enamel.....	Pinchin Johnson & Co.....	57,344	Nov. 13	125	655
Paint. Enamel oil.....	Suter Hartmann & Rahtjen's Composition Company.	56,801	Oct. 16	124	2175
Paint. Fireproof.....	Retardo Fire-Proofing Co.....	57,681	Nov. 27	125	1340
Paint for metallic roofs. Liquid.....	L. C. Brown.....	49,944	Feb. 27	120	2745
Paint for metallic surfaces.....	Rinald Bros.....	48,666	Jan. 9	120	649
Paint for roofing. Flexible waterproof.....	Clinton Oil Co.....	56,785	Oct. 16	124	2175
Paint for ship and boat bottoms. Preservative.....	Tarr & Wonson.....	53,961	June 19	122	2675
Paint for ship and boat bottoms. Preservative.....	Tarr & Wonson.....	53,962	June 19	122	2675
Paint in dry powder and in oil. Metallic.....	Prince Mfg Co.....	54,414	June 26	122	2994
Paint. Liquid.....	Natural Liquid Paint Co.....	48,802	Jan. 16	120	892
Paint. Liquid.....	Geo. D. Wetherill & Co.....	51,888	Apr. 24	121	2657
Paint. Liquid.....	A. S. Laliberte.....	54,194	June 19	122	2684
Paint. Marine.....	H. Londerbough.....	51,423	Apr. 17	121	2313
Paint. Marine.....	H. Londerbough.....	54,432	June 26	122	2995
Paint. Marine.....	H. Londerbough.....	54,433	June 26	122	2995
Paint. Metal and wood preservative.....	Toch Brothers.....	51,976	May 1	122	338
Paint. Metallic.....	Prince's Metallic Paint Company.....	50,945	Apr. 3	121	1662
Paint. Metallic and roofing.....	A. E. Coen.....	51,264	Apr. 10	121	1970
Paint. Mineral.....	Chattanooga Paint Co.....	49,634	Feb. 13	120	2118
Paint. Mixed.....	Marine Paint Corporation.....	53,490	June 5	122	2052
Paint. Mixed.....	Chas. R. Long Jr. Company.....	54,807	July 31	123	1658
Paint. Mixed.....	Marine Paint Corporation.....	55,507	Aug. 14	123	2305
Paint. Mixed liquid.....	Vane-Calvert Paint Co.....	53,737	June 12	122	2378
Paint or coating. Wall.....	Alabastine Company.....	50,358	Mar. 13	121	682
Paint or coloring material.....	J. Lucas & Co.....	58,240	Dec. 11	125	2039
Paint-pigments. Colored.....	Vane-Calvert Paint Co.....	57,741	Nov. 27	125	1341
Paint. Preservative.....	A. H. White Co.....	56,781	Oct. 16	124	2174
Paint. Waterproof structural and exterior.....	Atlantic Refining Company.....	58,273	Dec. 11	125	2040
Paint. Red.....	F. O. Pierce Company.....	51,967	May 1	122	337
Paint. Roof-preserving.....	A. E. Maire.....	55,043	Aug. 7	123	1980
Paint. Roofing.....	Asbestos Manufacturing and Roofing Co.....	54,409	June 26	122	2994
Paint. Semipaste.....	H. B. Davis Company.....	55,851	Aug. 21	123	2617
Paint. Waterproof structural and roof.....	Atlantic Refining Company.....	52,055	May 1	122	341
Paint. Waterproofing.....	Toch Brothers.....	51,975	May 1	122	338
Paints.....	Toch Brothers.....	50,490	Mar. 20	121	1005
Paints and calcimines. Cold-water.....	Manhattan Color Works.....	56,334	Sept. 18	124	901
Paints and colors.....	C. A. Willey Co.....	51,954	Apr. 24	121	2660
Paints and compositions. Non-corrosive and antifouling.....	Humidine Limited.....	55,481	Aug. 14	123	2305
Paints and enamels.....	Gerstendorfer Bros.....	50,005	Feb. 27	120	2748
Paints and insulating compounds.....	Standard Paint Company.....	49,696	Feb. 13	120	2120
Paints and japans. Black.....	N. Z. Graves Co.....	51,426	Apr. 17	121	2313
Paints and japans. Black.....	N. Z. Graves Co.....	51,451	Apr. 17	121	2314
Paints and painters' materials. Certain named.....	Thomson Wood Finishing Co.....	58,325	Dec. 11	125	2041
Paints and painters' materials. Certain named.....	Lowe Bros. Co.....	58,562	Dec. 18	125	2356
Paints and pigments used for paints, stains, and paint-oil. Mixed.....	Sherwin-Williams Co.....	56,422	Sept. 25	124	1201
Paints and stains. Roofing.....	Pacific Refining & Roofing Co.....	55,572	Aug. 14	123	2307
Paints and varnishes.....	Bridgeport Wood Finishing Co.....	58,236	Dec. 11	125	2039
Paints and varnishes. Certain.....	Chilton Paint Co.....	57,326	Nov. 13	125	654
Paints and varnishes. Insulating and protective.....	Aktiengesellschaft für Asphalt- rungen und Dachbedeckung vor- mals Johannes Jeserich.	58,700	Dec. 25	125	2751
Paints. Anticorrosive.....	Suter Hartmann & Rahtjen's Composition Company.	56,803	Oct. 16	124	2175
Paints. Anticorrosive and antifouling.....	Suter Hartmann & Rahtjen's Composition Company.	56,802	Oct. 16	124	2175
Paints. Bronze-green.....	J. Briggs & Co.....	51,278	Apr. 10	121	1970
Paints. Carbon.....	Patterson Sargent Co.....	51,407	Apr. 17	121	2312
Paints. Carbon.....	Nashville Carbon & Oil Company.....	56,251	Sept. 4	124	314
Paints. Cold-water.....	Columbia Refining Co.....	57,341	Nov. 13	125	655
Paints, colors, enamels, and varnishes.....	Lincoln Paint & Color Co.....	57,891	Dec. 4	125	1689
Paints, colors, stains, and oils. Certain named.....	Sherwin-Williams Co.....	55,511	Aug. 14	123	2305
Paints. Damp-resisting.....	Toch Brothers.....	54,799	July 31	123	1657
Paints. Enamel.....	Peerless Enamel Paint Works.....	49,976	Feb. 27	120	2746
Paints. Enamel.....	J. Lucas & Co.....	58,242	Dec. 11	125	2039
Paints, enamels, and bronzing liquids. Certain named.....	Gerstendorfer Bros.....	49,856	Feb. 20	120	2435
Paints, enamels, varnishes, &c. Oil and varnish.....	Gerstendorfer Bros.....	51,988	May 1	122	338
Paints for carriages and railway-cars.....	C. A. Willey.....	55,913	Aug. 21	123	2619
Paints. Fresco.....	Toch Brothers.....	54,420	June 26	122	2994
Paints ground in water, oil, varnishes, and japan.....	Lowe Brothers Company.....	57,893	Dec. 4	125	1689
Paints. House.....	Pimbley Paint & Glass Co.....	52,338	May 8	122	716
Paints. Liquid and paste.....	Lowe Brothers Company.....	56,989	Oct. 30	124	2896
Paints. Metallic.....	Toch Brothers.....	51,977	May 1	122	338
Paints. Mixed.....	John W. Masury & Son.....	52,699	May 15	122	1036
Paints. Mixed.....	Senour Manufacturing Co.....	53,231	May 29	122	1712
Paints. Mixed.....	G. W. Piper.....	53,325	May 29	122	1716
Paints. Mixed.....	Hibbard, Spencer, Bartlett & Company.	54,468	June 26	122	2996
Paints. Mixed.....	Patterson Sargent Company.....	54,521	June 26	122	2999
Paints. Mixed.....	Kay and Ess Co.....	55,002	Aug. 7	123	1979
Paints. Mixed.....	Hibbard, Spencer, Bartlett & Company.	55,037	Aug. 7	123	1980
Paints. Mixed.....	Hurley Manufacturing and Sup- ply Co.....	56,240	Sept. 4	124	314
Paints. Mixed.....	G. C. Hascall.....	56,587	Oct. 9	124	1838
Paints. Mixed.....	Hibbard, Spencer, Bartlett & Company.	56,813	Oct. 23	124	2527
Paints. Mixed.....	Murphy Varnish Company.....	58,765	Dec. 25	125	2753
Paints, mixed paints, and enamels.....	Holzappel's Compositions Com- pany.	58,489	Dec. 18	125	2354
Paints of all kinds, enamels, stains, and varnishes.....	Acme White Lead & Color Wks..	55,842	Aug. 21	123	2617
Paints. Oil and water-color.....	Columbia Refining Co.....	52,006	May 1	122	339
Paints or stains. Absorbent.....	Baummann-Klage Co.....	52,436	May 8	122	720
Paints, paint-pigments, and stains. Mixed.....	Harrison Bros. & Co.....	58,677	Dec. 25	125	2751

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Paints. Pigments for.....	Krebs Pigment & Chemical Co....	49,031	Jan. 23	120	1155
Paints. Prepared.....	Bass-Hueter Paint Co.....	57,878	Dec. 4	125	1689
Paints. Prepared.....	Bass-Hueter Paint Co.....	57,879	Dec. 4	125	1689
Paints. Ready-mixed.....	Williams, Martin & Gray.....	51,512	Apr. 17	121	2316
Paints. Ready-mixed.....	Toch Brothers.....	51,974	May 1	122	337
Paints. Ready-mixed.....	Atlantic Paint Works of Baltimore City.....	55,489	Aug. 14	123	2305
Paints. Ready-mixed.....	W. W. Lawrence & Company.....	55,527	Aug. 14	123	2306
Paints. Roof.....	E. W. Grafton.....	54,006	June 19	122	2677
Paints. Roofing.....	Black Diamond Manufacturing Co.....	57,207	Nov. 6	125	344
Paints, varnishes, and enamels. Oil.....	Muralo Company.....	57,332	Nov. 13	125	655
Paints, varnishes, and oils used in connection with the same.....	Standard Varnish Works.....	57,255	Nov. 6	125	345
Paints, varnishes, colors, fillers, surfacers, stains, and enamels.....	Thomson Wood Finishing Co.....	48,833	Jan. 16	120	893
Paints, varnishes, colors, fillers, surfacers, stains, and enamels.....	Thomson Wood Finishing Co.....	48,834	Jan. 16	120	893
Paints, varnishes, enamels, blacks, rough stuffs, and pigments used for paints. Mixed.....	Valentine & Company.....	56,427	Sept. 25	124	1201
Paints. Waterproof.....	Stegosote Paint Company.....	58,697	Dec. 25	125	2751
Painters' materials. Certain.....	Standard Varnish Works.....	57,235	Nov. 6	125	345
Painters' materials. Certain named.....	Senour Manufacturing Co.....	56,629	Oct. 9	124	1839
Painters' materials. Certain named.....	Senour Manufacturing Co.....	57,683	Nov. 27	125	1340
Painters' materials. Certain named.....	Marietta Paint & Color Co.....	57,895	Dec. 4	125	1689
Painters' materials. Certain named.....	Marietta Paint & Color Co.....	57,896	Dec. 4	125	1689
Painters' materials. Certain named.....	Murphy Varnish Company.....	58,497	Dec. 18	125	2354
Painters' supplies. Certain named.....	Gerstendorfer Bros.....	52,847	May 22	122	1384
Painting iron and steel. Composition for.....	O. L. Petersen.....	57,976	Dec. 4	125	1691
Pajamas.....	J. L. Clark.....	57,292	Nov. 13	125	653
Pajamas and night-robos.....	T. J. Maxwell Co.....	49,891	Feb. 20	120	243
Pans. Baking.....	Edward Katzinger Company.....	52,416	May 8	122	719
Pantaloons and knee-pants.....	Jamison Brothers.....	56,405	Sept. 18	124	902
Pants and trousers.....	L. Robinson.....	57,799	Nov. 27	125	1343
Pants. Men's and boys'.....	Malone Manufacturing Co.....	51,530	Apr. 17	121	2317
Pants, overalls, coats, and vests.....	Richardson, Roberts Dry Goods Co.....	50,988	Apr. 3	121	1664
Papaya, pineapple, and sugar. Combination of.....	Tropic Fruit Company.....	53,189	May 29	122	1710
Paper. All kinds of fine writing.....	Woronoco Paper Company.....	55,362	Aug. 14	123	2301
Paper. All kinds of fine writing.....	Woronoco Paper Company.....	59,010	Dec. 25	125	2760
Paper and cardboard.....	Mittineague Paper Company.....	57,915	Dec. 4	125	1690
Paper and cardboard.....	Mittineague Paper Company.....	57,916	Dec. 4	125	1690
Paper and cardboard. Artists' and draftsmen's.....	L. F. Higinbotham Co.....	55,350	Aug. 14	123	2301
Paper and cloth coated with abrasive material.....	H. Behr & Co.....	56,226	Sept. 4	124	313
Paper and cloth coated with abrasive material.....	H. Behr & Co.....	56,227	Sept. 4	124	313
Paper and envelopes.....	F. A. Flinn.....	51,072	Apr. 3	121	1668
Paper and envelopes.....	F. A. Flinn.....	52,931	May 22	122	1387
Paper and envelopes. Writing.....	H. S. Crocker Company.....	55,943	Aug. 21	123	2620
Paper and paper bags and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	53,384	June 5	122	2047
Paper and paper bags and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	53,385	June 5	122	2047
Paper and paper bags and sacks. Wrapping.....	Hollingsworth & Whitney Company.....	53,223	May 29	122	1712
Paper and paper bags and sacks. Wrapping.....	Hollingsworth & Whitney Company.....	53,343	May 29	122	1717
Paper and paper-board.....	Parsons Bros.....	57,921	Dec. 4	125	1690
Paper bags.....	J. Clochessy.....	50,641	Mar. 27	121	1337
Paper bags.....	Union Bag & Paper Company.....	50,838	Apr. 3	121	1658
Paper bags.....	Union Bag & Paper Company.....	52,383	May 8	122	718
Paper bags.....	Union Bag & Paper Company.....	52,384	May 8	122	718
Paper bags.....	Union Bag & Paper Company.....	52,385	May 8	122	718
Paper bags.....	Union Bag & Paper Company.....	52,386	May 8	122	718
Paper bags.....	Union Bag & Paper Company.....	53,234	May 29	122	1712
Paper bags.....	Union Bag & Paper Company.....	53,577	June 5	122	2055
Paper bags.....	Union Bag & Paper Company.....	54,223	June 19	122	2685
Paper bags.....	Union Bag & Paper Company.....	54,297	June 26	122	2989
Paper bags.....	Union Bag & Paper Company.....	56,118	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,119	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,120	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,121	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,122	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,123	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,124	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,125	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,126	Aug. 28	123	2969
Paper bags.....	Union Bag & Paper Company.....	56,189	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,190	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,191	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,192	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,193	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,194	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,195	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	56,196	Aug. 28	123	2971
Paper bags.....	Union Bag & Paper Company.....	57,184	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,185	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,186	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,187	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,188	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,189	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,190	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,191	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,192	Nov. 6	125	343
Paper bags.....	Union Bag & Paper Company.....	57,203	Nov. 6	125	344
Paper bags.....	Hercules Paper Bag Company.....	57,941	Dec. 4	125	1690
Paper bags.....	Union Bag & Paper Company.....	58,326	Dec. 11	125	2041
Paper bags.....	Union Bag & Paper Company.....	58,327	Dec. 11	125	2041
Paper bags.....	Union Bag & Paper Company.....	58,427	Dec. 11	125	2044

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Paper bags.....	Union Bag & Paper Company.....	58,428	Dec. 11	125	2044
Paper bags.....	Union Bag & Paper Company.....	58,617	Dec. 18	125	2358
Paper bags.....	Union Bag & Paper Company.....	58,618	Dec. 18	125	2358
Paper bags.....	Union Bag & Paper Company.....	58,667	Dec. 18	125	2359
Paper bags.....	Union Bag & Paper Company.....	58,668	Dec. 18	125	2359
Paper bags.....	Union Bag & Paper Company.....	58,669	Dec. 18	125	2359
Paper. Blotting.....	Eaton-Dikeman Co.....	49,243	Jan. 30	120	1469
Paper. Blotting.....	Standard Paper M'fg. Co.....	50,159	Mar. 6	121	329
Paper. Blotting.....	Eaton-Dikeman Co.....	51,762	Apr. 24	121	2652
Paper. Blotting.....	Albemarle Paper Mfg. Co.....	51,858	Apr. 24	121	2656
Paper. Blotting.....	District of Columbia Paper Mfg. Co.....	56,160	Aug. 28	123	2970
Paper. Blotting.....	District of Columbia Paper Mfg. Co.....	56,161	Aug. 28	123	2970
Paper. Blue-print.....	E. G. Soltmann.....	55,962	Aug. 21	123	2620
Paper-board and envelopes or receptacles made therefrom.....	Thompson & Morris Co.....	48,487	Jan. 2	120	316
Paper-board. Parchmentized.....	Leatheroid Manufacturing Company.....	54,832	July 31	123	1658
Paper. Bond.....	W. E. Wroe & Company.....	49,174	Jan. 23	120	1161
Paper. Book and cover.....	Peninsular Paper Co.....	52,731	May 15	122	1038
Paper. Building.....	Rex Manufacturing Co.....	56,795	Oct. 16	124	2175
Paper. Building and roofing.....	C. S. Garrett & Son Co.....	57,730	Nov. 27	125	1341
Paper. Building, roofing, and sheathing.....	Barrett Manufacturing Company.....	50,846	Apr. 3	121	1658
Paper. Carbon.....	De-Fi Manufacturing Co.....	52,262	May 8	122	713
Paper. Carbon.....	Carter's Ink Company.....	54,034	June 19	122	2678
Paper. Carbon.....	Carter's Ink Company.....	54,571	June 26	122	3001
Paper. Carbon.....	Fidelity Carbon Paper Company.....	56,349	Sept. 18	124	901
Paper. Carbon copying.....	Bacon Brothers.....	51,368	Apr. 17	121	2311
Paper. Carbon or transfer.....	Oliver Typewriter Company.....	56,620	Oct. 9	124	1839
Paper cartons.....	Reynolds "Aertite" Carton Co.....	55,575	Aug. 14	123	2307
Paper. Certain named.....	Dennison & Sons.....	48,655	Jan. 9	120	648
Paper. Certain named.....	Mittineague Paper Company.....	58,607	Dec. 18	125	2357
Paper-clips.....	Cushman & Denison Manufacturing Company.....	49,132	Jan. 23	120	1159
Paper-clips. Spring.....	Ring Paper Clip Company.....	53,273	May 29	122	1714
Paper. Colored and ornamented.....	Metaxin-Fabrik Dr. Lilienfeld & Dr. Tedesko.....	55,877	Aug. 21	123	2618
Paper. Commercial and record.....	F. A. Flinn.....	57,353	Nov. 13	125	655
Paper. Drawing.....	Keuffel & Esser Company.....	49,252	Jan. 30	120	1470
Paper. Drawing.....	Keuffel & Esser Company.....	58,259	Dec. 11	125	2039
Paper, envelopes, and tablets. Writing.....	L. J. Powers.....	56,178	Aug. 28	123	2970
Paper-fasteners.....	General Specialty Company.....	50,325	Mar. 13	121	681
Paper-fasteners.....	Thomas Stationery Manufacturing Company.....	53,816	June 12	122	2381
Paper. Fine writing.....	Whiting Paper Company.....	57,931	Dec. 4	125	1690
Paper. Fine writing.....	Whiting Paper Company.....	57,932	Dec. 4	125	1690
Paper for process printing.....	E. Dietzgen Co.....	54,706	June 26	122	3006
Paper for signs and show-cards.....	John Igelstroem Sign & Label Company.....	56,497	Oct. 2	124	1517
Paper for wrapping food products.....	G. Staber.....	51,159	Apr. 3	121	1672
Paper for wrapping food products.....	G. Staber.....	51,909	Apr. 24	121	2658
Paper holders and cutters. Roll.....	Champion Paper Cutter Co.....	48,947	Jan. 16	120	897
Paper holders and cutters. Roll.....	Champion Paper Cutter Co.....	48,948	Jan. 16	120	897
Paper holders and cutters. Roll.....	King Manufacturing Co.....	48,957	Jan. 16	120	898
Paper holders and cutters. Roll.....	United States Paper Cutter Co.....	48,964	Jan. 16	120	898
Paper holders and cutters. Roll.....	United States Paper Cutter Co.....	48,965	Jan. 16	120	898
Paper holders and cutters. Roll.....	United States Paper Cutter Co.....	50,841	Apr. 3	121	1658
Paper holders and cutters. Roll.....	National Candy Mold and Manufacturing Company.....	54,046	June 19	122	2679
Paper-lined bags and paper linings.....	Arkell Safety Bag Company.....	56,224	Sept. 4	124	313
Paper linings for boxes.....	P. R. Warren Company.....	57,920	Dec. 4	125	1690
Paper-makers' feltings.....	J. Porritt & Sons.....	54,579	June 26	122	3001
Paper of all kinds. Fine writing.....	Woronoco Paper Company.....	55,914	Aug. 21	123	2619
Paper or press board.....	Rogers Paper Mfg. Co.....	54,629	June 26	122	3003
Paper or press board.....	Rogers Paper Mfg. Co.....	54,682	June 26	122	3005
Paper packages or cartons for confectionery and popcorn.....	Dayton Paper Novelty Co.....	55,976	Aug. 21	123	2621
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,135	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,136	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,137	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,138	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,139	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,140	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,141	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,142	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,143	Apr. 3	121	1671
Paper, paper bags, and paper sacks. Wrapping.....	Hollingsworth & Whitney Company.....	51,144	Apr. 3	121	1671
Paper, paper bags and sacks. Wrapping.....	Hollingsworth & Whitney Company.....	50,651	Mar. 27	121	1337
Paper. Printing.....	Dill & Collins Co.....	52,295	May 8	122	714
Paper. Printing and writing.....	Dill & Collins Co.....	54,135	June 19	122	2682
Paper. Roof and building.....	F. W. Bird & Son.....	52,087	May 1	122	342
Paper. Roofing, sheathing, and building.....	Barrett Manufacturing Company.....	55,556	Aug. 14	123	2306
Paper. Sheathing.....	W. H. Rankin Company.....	50,083	Mar. 6	121	326
Paper-stock. Ground wood and wood-pulp for.....	Aspegren & Co.....	49,790	Feb. 20	120	2433
Paper. Toilet.....	Stone & Forsyth.....	49,493	Feb. 6	120	1818

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Paper. Toilet.....	Pond's Extract Company.....	51,408	Apr. 17	121	2312
Paper. Toilet.....	A. F. Baird.....	52,258	May 8	122	713
Paper. Toilet.....	T. F. Sprigg.....	52,823	May 15	122	1042
Paper. Toilet.....	T. F. Sprigg.....	52,918	May 22	122	1386
Paper. Toilet.....	Scott Paper Co.....	53,155	May 29	122	1709
Paper. Toilet.....	Scott Paper Co.....	53,377	June 5	122	2047
Paper. Toilet.....	J. Robertson & Son.....	53,812	June 12	122	2381
Paper. Toilet.....	Scott Paper Co.....	54,364	June 26	122	2992
Paper. Toilet.....	Scott Paper Co.....	54,365	June 26	122	2992
Paper. Toilet.....	Scott Paper Co.....	54,366	June 26	122	2992
Paper. Toilet.....	Scott Paper Co.....	55,462	Aug. 14	123	2304
Paper. Toilet.....	Scott Paper Co.....	55,463	Aug. 14	123	2304
Paper. Toilet.....	Jones & Skinner.....	57,809	Nov. 27	125	1343
Paper-trimmers.....	Webster & Perks Tool Company.....	55,167	Aug. 7	123	1984
Paper. Wall.....	Penn Wall Paper Company.....	50,985	Apr. 3	121	1664
Paper. Wall.....	Alfred Peats Co.....	57,177	Nov. 6	125	343
Paper wrappers for rolls of ribbon.....	D. Sheeline Son & Co.....	53,793	June 12	122	2380
Paper. Wrapping.....	Dayton Paper Novelty Co.....	53,779	June 12	122	2380
Paper. Wrapping.....	Dayton Paper Novelty Co.....	54,101	June 19	122	2681
Paper. Wrapping.....	Dayton Paper Novelty Co.....	55,307	Aug. 14	123	2300
Paper. Wrapping.....	Dill & Collins Co.....	55,344	Aug. 14	123	2301
Paper. Wrapping.....	United Paper Company.....	57,204	Nov. 6	125	344
Paper. Wrapping and bag.....	Detroit Sulphite & Pulp Paper Co.....	58,638	Dec. 18	125	2358
Paper. Writing.....	Fox River Paper Company.....	49,188	Jan. 30	120	1467
Paper. Writing.....	L. A. Lehmaier.....	50,550	Mar. 20	121	1007
Paper. Writing.....	Hollingsworth & Whitney Company.....	51,145	Apr. 3	121	1671
Paper. Writing.....	Chapin & Gould Paper Co.....	51,183	Apr. 10	121	1967
Paper. Writing.....	Sir Isaac Pitman & Sons.....	53,156	May 29	122	1709
Paper. Writing.....	Cincinnati Cordage & Paper Co.....	55,052	Aug. 7	123	1980
Paper. Writing.....	Woronoco Paper Company.....	56,200	Aug. 28	123	2971
Paper. Writing.....	Southworth Company.....	57,545	Nov. 13	125	660
Paper. Writing.....	Southworth Company.....	57,570	Nov. 13	125	661
Paper. Writing and printing.....	George La Monte & Son.....	57,559	Nov. 13	125	661
Paper. Writing and printing.....	George La Monte & Son.....	58,674	Dec. 25	125	2751
Paper. Writing and printing.....	George La Monte & Son.....	58,675	Dec. 25	125	2751
Paper. Writing, bond, and ledger.....	Union Card & Paper Co.....	56,779	Oct. 16	124	2174
Paper. Writing, bond, and ledger.....	Union Card & Paper Co.....	56,780	Oct. 16	124	2174
Papers. Carbon.....	J. R. Keatinge.....	54,668	June 26	122	3004
Papers. Case-lining, sheathing, insulating, and roofing.....	Standard Paint Company.....	48,741	Jan. 9	120	652
Papers. Certain named.....	Dill & Collins Co.....	55,343	Aug. 14	123	2301
Papers made from wood-pulp.....	International Paper Company.....	50,974	Apr. 3	121	1664
Papers prepared with moisture-resistant substances.....	Standard Paint Company.....	48,742	Jan. 9	120	652
Papers. Toilet.....	Hubbs & Corning Co.....	52,421	May 8	122	719
Papers. Transfer.....	Paas Dye Co.....	56,808	Oct. 16	124	2175
Papers. Transfer.....	Paas Dye Co.....	57,516	Nov. 13	125	660
Papers. Wall.....	Baack Wall Paper Co.....	52,803	May 15	122	1041
Papers. Waterproof.....	F. W. Bird & Son.....	50,676	Mar. 27	121	1339
Papers. Wrapping.....	Hubbs & Corning Co.....	50,973	Apr. 3	121	1664
Papers. Wrapping.....	C. S. Garrett & Son Co.....	57,729	Nov. 27	125	1341
Papers. Writing.....	S. E. & M. Vernon.....	55,361	Aug. 14	123	2301
Papers. Writing and drawing.....	R. J. Balston.....	55,304	Aug. 14	123	2300
Papers. Writing and drawing.....	R. J. Balston.....	55,305	Aug. 14	123	2300
Papers. Writing and drawing.....	R. J. Balston.....	57,014	Oct. 30	124	2896
Papers. Writing and drawing.....	R. J. Balston.....	57,015	Oct. 30	124	2896
Paraffin. Extra-refined.....	W. W. Israel.....	58,724	Dec. 25	125	2752
Parasols and umbrellas.....	Weinberg, Heyman & Company.....	51,850	Apr. 24	121	2656
Parasols and umbrellas.....	Dunlap & Co.....	58,918	Dec. 25	125	2757
Paste.....	Preservaline Mfg. Co.....	49,785	Feb. 13	120	2123
Paste. Dry.....	Crown Oil & Wax Company.....	52,294	May 8	122	714
Paste. Flour.....	E. Hofmann.....	54,784	July 31	123	1657
Paste goods. Cereal.....	John B. Canepa Company.....	50,060	Feb. 27	120	2750
Paste in powder form.....	Clark Paper & Manufacturing Co.....	57,497	Nov. 13	125	659
Pastils for throat.....	J. Bengué.....	57,844	Nov. 27	125	1344
Pastils. Purgative.....	J. Bengué.....	58,823	Dec. 25	125	2755
Pastry-shortening.....	Ammon & Person.....	51,010	Apr. 3	121	1665
Pastry with a filling of cream or ices.....	Albagli & Avayon.....	54,370	June 26	122	2992
Patent-leather, calfskins, and waxed calfskins.....	C. Heyl.....	54,827	July 31	123	1658
Patterns for cutting garments.....	A. A. Altkrug.....	58,907	Dec. 25	125	2757
Pavements and compositions or cements for making the same. Bituminous.....	Warren Brothers Company.....	52,348	May 8	122	716
Paving-blocks. Wood.....	United States Wood Preserving Company.....	50,863	Apr. 3	121	1659
Pea-hullers.....	J. M. Sanders.....	56,281	Sept. 4	124	315
Peanut-butter.....	Jel-Nut Manufacturing Company.....	48,669	Jan. 9	120	649
Pegs and chin and shoulder rests.....	F. L. Becker.....	53,774	June 12	122	2379
Pelts, hides, skins, and furs.....	Northwestern Hide & Fur Co.....	57,125	Nov. 6	125	342
Pencils.....	Handbleistift Cie. C. Wm. Bock.....	51,186	Apr. 10	121	1987
Pencils.....	E. Faber.....	54,354	June 26	122	2992
Pencils and drawing-charcoal. Lead and drawing.....	E. G. Saltmann.....	53,365	May 29	122	1718
Pencils and penholders. Lead.....	Bleistiftfabrik normals Johann Faber Actien-Gesellschaft.....	58,701	Dec. 25	125	2751
Pencils. Lead.....	Eagle Pencil Company.....	49,122	Jan. 23	120	1159
Pencils. Lead.....	Eagle Pencil Company.....	50,127	Mar. 6	121	327
Pencils. Lead.....	Eagle Pencil Company.....	51,020	Apr. 3	121	1666
Pencils. Lead.....	Eagle Pencil Company.....	51,070	Apr. 3	121	1668
Pencils. Lead.....	American Lead Pencil Co.....	51,414	Apr. 17	121	2312
Pencils. Lead.....	E. G. Soltmann.....	51,483	Apr. 17	121	2315
Pencils. Lead.....	American Lead Pencil Co.....	52,165	May 1	122	345
Pencils. Lead.....	A. W. Faber.....	54,595	June 26	122	3001
Pencils. Lead.....	Eagle Pencil Company.....	54,810	July 31	123	1658
Pencils. Lead.....	Eagle Pencil Company.....	55,058	Aug. 7	123	1981
Pencils. Lead.....	Eagle Pencil Company.....	55,059	Aug. 7	123	1981
Pencils. Lead.....	Eagle Pencil Company.....	55,060	Aug. 7	123	1981

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Pencils. Lead.....	Eagle Pencil Company.....	55,061	Aug. 7	123	1981
Pencils. Lead.....	Eagle Pencil Company.....	55,062	Aug. 7	123	1981
Pencils. Lead.....	L. & C. Hardtmuth.....	55,069	Aug. 7	123	1981
Pencils. Lead.....	L. & C. Hardtmuth.....	55,070	Aug. 7	123	1981
Pencils. Lead.....	A. W. Faber.....	55,422	Aug. 14	123	2303
Pencils. Lead.....	E. G. Soltmann.....	55,951	Aug. 21	123	2621
Pencils. Lead.....	E. G. Soltmann.....	55,953	Aug. 21	123	2620
Pencils. Lead.....	E. G. Soltmann.....	55,955	Aug. 21	123	2620
Pencils. Lead.....	E. G. Soltmann.....	55,993	Aug. 21	123	2620
Pencils. Lead.....	L. & C. Hardtmuth.....	56,043	Aug. 21	123	2623
Pencils. Lead.....	E. G. Soltmann.....	56,055	Aug. 21	123	2623
Pencils. Lead.....	E. G. Soltmann.....	56,056	Aug. 21	123	2623
Pencils or crayons. Black and colored.....	E. G. Soltmann.....	55,994	Aug. 21	123	2621
Pencils or crayons. Black and colored.....	E. G. Soltmann.....	56,057	Aug. 21	123	2623
Pencils. Metallic tips for lead.....	Eagle Pencil Company.....	52,807	May 15	122	1041
Penholders.....	Eagle Pencil Company.....	50,128	Mar. 6	121	327
Penholders.....	E. Faber.....	57,022	Oct. 30	124	2897
Pens.....	C. Howard Hunt Pen Co.....	48,474	Jan. 2	120	316
Pens.....	Perry & Company.....	56,338	Sept. 11	124	620
Pens and penholders. Steel, fountain, and stylographic.....	Perry & Company.....	50,386	Apr. 3	121	1664
Pens. Certain named.....	Thomas De La Rue and Com- pany.....	54,832	July 31	123	1658
Pens. Fountain.....	L. E. Waterman Company.....	49,478	Feb. 6	120	1817
Pens. Fountain.....	L. E. Waterman Company.....	49,715	Feb. 13	120	2121
Pens. Fountain.....	Century Pen Company.....	51,262	Apr. 10	121	1970
Pens. Fountain.....	L. E. Waterman Company.....	51,993	May 1	122	338
Pens. Fountain.....	S. L. Kiser & Co.....	54,830	July 31	123	1658
Pens. Fountain.....	Parker Pen Company.....	57,517	Nov. 27	125	1343
Pens. Metallic.....	Spencerian Pen Co.....	52,860	May 22	122	1384
Pens. Metallic.....	Spencerian Pen Co.....	53,378	June 5	122	2047
Pens other than fountain-pens.....	C. Howard Hunt Pen Co.....	55,416	Aug. 14	123	2303
Pens other than fountain-pens.....	C. Howard Hunt Pen Co.....	55,417	Aug. 14	123	2303
Pens other than fountain-pens.....	C. Howard Hunt Pen Co.....	55,418	Aug. 14	123	2303
Pens other than fountain-pens.....	C. Howard Hunt Pen Co.....	55,419	Aug. 14	123	2303
Pens other than fountain-pens.....	C. Howard Hunt Pen Co.....	55,420	Aug. 14	123	2303
Pens other than fountain-pens.....	C. Howard Hunt Pen Company.....	55,397	Aug. 21	123	2611
Pens. Steel.....	Perry & Company.....	49,776	Feb. 13	120	2123
Pens. Steel.....	Dreka Company.....	52,008	May 1	122	339
Pens. Steel.....	Payot, Upham & Co.....	52,888	May 22	122	1385
Pens. Steel.....	Payot, Upham & Co.....	52,889	May 22	122	1385
Pens. Steel.....	J. Crawford.....	55,421	Aug. 14	123	2303
Pens. Steel.....	D. Leonardt & Co.....	56,763	Oct. 16	124	2174
Pens. Steel and plated.....	C. Howard Hunt Pen Co.....	52,411	May 8	122	719
Pens. Stylographic and fountain.....	Sanford & Bennett.....	58,420	Dec. 11	125	2043
Pens. Stylographic and fountain.....	Sanford & Bennett.....	58,421	Dec. 11	125	2043
Pens. Stylographic and fountain.....	Sanford & Bennett.....	58,422	Dec. 11	125	2043
Pens. Stylographic and fountain.....	Sanford & Bennett.....	58,613	Dec. 18	125	2357
Pens. Writing.....	H. S. Brewington.....	55,415	Aug. 14	123	2303
Pepper.....	New York Coffee Company.....	57,721	Nov. 27	125	1341
Pepper-sauce.....	E. Mellhenny's Son.....	51,035	Apr. 3	121	1666
Peptone. Non-alcoholic solutions of iron-manganese.....	Chemische Fabrik Helfenberg, A. G. vorm. E. Dieterich. Langers, Frary, and Clark Ceylon Perfume Company.....	54,266	June 26	122	2988
Percolators.....	Frederick Stearns & Co.....	55,331	Aug. 14	123	2301
Perfume for repelling mosquitos.....	C. B. Woodworth Sons Co.....	48,520	Jan. 2	120	318
Perfumes.....	Frederick Stearns & Co.....	54,974	Aug. 7	123	1978
Perfumes.....	C. B. Woodworth Sons Co.....	55,630	Aug. 21	123	2612
Perfumes.....	Lefler Mfg. Co.....	56,015	Aug. 21	123	2622
Perfumes.....	D. E. Prall.....	56,378	Sept. 18	124	902
Perfumes.....	Actien-Gesellschaft für Anilin- Fabrikation.....	58,733	Dec. 25	125	2752
Perfumes.....	Actien-Gesellschaft für Anilin- Fabrikation.....	58,734	Dec. 25	125	2752
Perfumes.....	Paul Rieger & Co.....	58,769	Dec. 25	125	2753
Perfumes and toilet waters.....	Lazell, Dalley & Co.....	54,764	June 26	122	3008
Perfumes, including extracts, essences, &c.....	E. Palmer.....	51,943	Apr. 24	121	2659
Perfumes. Liquid and powder.....	Colgate & Co.....	57,034	Oct. 30	124	2897
Perfumes. Liquid and powder.....	Colgate & Co.....	57,035	Oct. 30	124	2897
Perfumes. Liquid and powder.....	Colgate & Co.....	57,036	Oct. 30	124	2897
Perfumes. Liquid and powder.....	Colgate & Co.....	57,054	Oct. 30	124	2897
Perfumes. Liquid and powdered.....	R. Hudnut's Pharmacy.....	56,855	Oct. 23	124	2528
Perfumes, toilet waters, extracts, and colognes.....	D. R. Bradley & Son.....	53,840	June 12	122	2382
Perfumery.....	Colgate & Co.....	50,364	Mar. 13	121	682
Perfumery.....	Eugene Rimmel.....	51,638	Apr. 17	121	2321
Perfumery.....	Jordan Marsh Company.....	56,898	Oct. 23	124	2529
Perfumery and toilet waters.....	Citizens' Wholesale Supply Com- pany.....	58,396	Dec. 11	125	2043
Perfumery, toilet waters, extracts, and colognes.....	D. R. Bradley & Son.....	56,441	Sept. 25	124	1202
Perfuming extracts.....	F. A. Richter.....	53,643	June 5	122	2058
Periodical.....	W. A. Marsh.....	49,972	Feb. 27	120	2746
Periodical.....	A. E. Dunn.....	50,149	Mar. 6	121	328
Periodical.....	P. Kratz.....	54,284	June 26	122	2989
Periodical.....	A. Ward.....	55,107	Aug. 7	123	1982
Periodical.....	Shoe and Leather Reporter.....	57,067	Oct. 30	124	2898
Periodical. Magazine.....	Advance Publishing Co.....	50,568	Mar. 20	121	1008
Periodical. Monthly.....	Family Doctor Publishing Co.....	50,348	Mar. 13	121	682
Periodical. Monthly.....	Gardner Publishing Company.....	51,865	Apr. 24	121	2656
Periodical. Monthly.....	Farm Life Publishing Co.....	55,587	Aug. 14	123	2307
Periodical. Monthly.....	D. M. Newbold, Jr.....	56,776	Oct. 16	124	2174
Periodical. Monthly.....	Twentieth Century Publishing Co.....	57,009	Oct. 30	124	2896
Periodical. Monthly.....	Vickery & Hill Publishing Co.....	57,012	Oct. 30	124	2896
Periodical. Monthly.....	Vickery & Hill Publishing Co.....	57,071	Oct. 30	124	2898
Periodical. Monthly.....	Vickery & Hill Publishing Co.....	57,072	Oct. 30	124	2898
Periodical. Monthly.....	Motor Vehicle Publishing Co.....	58,726	Dec. 25	125	2752
Periodical or magazine. Trade-journal.....	Lord & Nagle Company.....	49,828	Feb. 20	120	2434

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Periodical. Semimonthly	Review Publishing Company.....	58,730	Dec. 25	125	2752
Periodical. Weekly	W. J. Johnston	52,725	May 15	122	1037
Periodical. Weekly	McGraw Publishing Co.	57,063	Oct. 30	124	2898
Periodicals	Munn & Co.	58,653	Dec. 18	125	2358
Periodicals and magazines. News	Municipal News Association	49,533	Feb. 6	120	1819
Periodicals, bulletins, and directories. Carpet and upholstery trade	J. R. Kendrick	58,367	Dec. 11	125	2042
Petroleum for illuminating purposes. Refined	Standard Oil Co. of New York	55,910	Aug. 21	123	2619
Petroleum. Illuminating	Standard Oil Co. of New York	52,308	May 8	122	715
Petroleum or mineral jelly	Wilburine Oil Works	52,122	May 1	122	343
Petroleum products	Texas Company	57,902	Dec. 4	125	1689
Petroleum products or preparations containing such products	McKesson & Robbins	56,690	Oct. 16	124	2172
Petticoats and undershirts	Stewart, Howe and May Coy	51,540	Apr. 17	121	2317
Pharmaceutical preparation	Lloyd Brothers	50,517	Mar. 20	121	1006
Pharmaceutical preparation	Lloyd Brothers	50,518	Mar. 20	121	1006
Pharmaceutical preparations	Lloyd Brothers	52,178	May 1	122	345
Pharmaceutical preparations. Certain named	J. F. Johnson	56,896	Oct. 23	124	2529
Pharmaceutical preparations for the treatment of kidney diseases	McKesson & Robbins	50,752	Mar. 27	121	1342
Phosphate. Bone	Baugh & Sons Company	49,371	Feb. 6	120	1813
Phosphates. Cherry-rye	Colburn, Birks & Co.	51,634	Apr. 17	121	2321
Phosphates, phosphites, and hypophosphites	L. J. Percy	55,778	Aug. 21	123	2616
Phosphatic powders	Rumford Chemical Works	53,230	May 29	122	1712
Phosphatic solutions	Rumford Chemical Works	49,872	Feb. 20	120	2436
Phosphorus, chlorate of potash, &c	Albright & Wilson	58,096	Dec. 4	125	1694
Photographers' developing and fixing solution	N. J. Flowerdew	58,706	Dec. 25	125	2752
Photographic chemicals	E. A. Turner	54,987	Aug. 7	123	1979
Photographic developers	J. Hauff & Co. G. m. b. H.	57,145	Nov. 6	125	342
Photographic developers	J. Hauff & Co. G. m. b. H.	57,218	Nov. 6	125	344
Photographic dry-plates	Hammer Dry Plate Company	50,931	Apr. 3	121	1662
Photographic film	Eastman Kodak Co.	57,378	Nov. 13	125	656
Photographic film	Eastman Kodak Co.	57,445	Nov. 13	125	658
Photographic film	Eastman Kodak Co.	57,446	Nov. 13	125	658
Photographic film	Eastman Kodak Co.	57,447	Nov. 13	125	658
Photographic film	Eastman Kodak Co.	57,448	Nov. 13	125	658
Photographic film	Eastman Kodak Co.	57,449	Nov. 13	125	658
Photographic film	Eastman Kodak Co.	57,499	Nov. 13	125	659
Photographic film	Eastman Kodak Co.	57,500	Nov. 13	125	659
Photographic film	Eastman Kodak Co.	57,501	Nov. 13	125	659
Photographic film	Eastman Kodak Co.	57,502	Nov. 13	125	659
Photographic film	Eastman Kodak Co.	57,531	Nov. 13	125	660
Photographic film	Eastman Kodak Co.	57,532	Nov. 13	125	660
Photographic film	Eastman Kodak Co.	57,533	Nov. 13	125	660
Photographic film	Eastman Kodak Co.	57,534	Nov. 13	125	660
Photographic film. Sensitized	Eastman Kodak Co.	56,919	Oct. 23	124	2530
Photographic films	Compagnie Générale de Phonographes Cinématographes et Appareils de Précision	50,807	Apr. 3	121	1657
Photographic paper and films	Société Anonyme "Luna"	50,664	Mar. 27	121	1338
Photographic paper and films	Société Anonyme "Luna"	52,581	May 15	122	1032
Photographic papers	Farbenfabriken von Elberfeld Co.	54,596	June 26	122	3001
Photographs	F. J. Laracy	55,332	Aug. 14	123	2301
Photographs, post-cards with views thereon, and colored views	Pictorial Stationery Co.	56,377	Sept. 18	124	902
Piano-players	Autotone Company	57,349	Nov. 13	125	655
Piano-players and combination pianos and piano-players	Auto-Grand Piano Co.	57,348	Nov. 13	125	655
Piano-players and perforated records therefor. Automatic	Simplex Piano Player Company	57,390	Nov. 13	125	656
Piano-players and player-pianos	Horace Waters & Co.	57,392	Nov. 13	125	656
Piano-players. Automatic	Autopiano Company	56,003	Aug. 21	123	2622
Piano-players. Automatic	Simplex Piano Player Co.	56,053	Aug. 21	123	2623
Piano-players, combination-pianos, and parts thereof	Wilcox & White Company	49,892	Feb. 20	120	2437
Piano-players. Mechanical	Aeolian Company	54,154	June 19	122	2683
Pianos	H. Worch	49,039	Jan. 23	120	1156
Pianos	E. E. Gabler	49,652	Feb. 13	120	2118
Pianos	Sterling Company	49,890	Feb. 20	120	2437
Pianos	H. Baumeister	50,581	Mar. 27	121	1335
Pianos	A. M. McPhail Piano Co.	51,006	Apr. 3	121	1665
Pianos	Lyons & Healy	51,190	Apr. 10	121	1967
Pianos	Cable Company	51,369	Apr. 17	121	2311
Pianos	Mason & Hamlin Co.	51,446	Apr. 17	121	2314
Pianos	Weber Piano Company	51,459	Apr. 17	121	2314
Pianos	W. W. Kimball Company	51,812	Apr. 24	121	2655
Pianos	Jewett Piano Co.	52,423	May 8	122	719
Pianos	Decker & Son	52,974	May 22	122	1389
Pianos	Emerson Piano Company	53,383	June 5	122	2047
Pianos	Packard Company	53,788	June 12	122	2380
Pianos	Goetz and Co.	54,076	June 19	122	2680
Pianos	W. W. Kimball Company	54,564	June 26	122	3000
Pianos	M. Steinert & Sons Co.	54,639	June 26	122	3003
Pianos	Kroeger Piano Co.	54,670	June 26	122	3005
Pianos	B. H. Janssen	56,243	Sept. 4	124	314
Pianos	D. T. Peek	57,018	Oct. 30	124	2896
Pianos	J. H. Kelly	57,027	Oct. 30	124	2897
Pianos	Horace Waters & Company	57,367	Nov. 13	125	656
Pianos	Hume Piano Co.	57,808	Nov. 27	125	1340
Pianos	Kohler & Campbell	58,283	Dec. 11	125	2043
Pianos	E. B. Marryatt	58,368	Dec. 11	125	2042
Pianos	J. T. Wamelink & Sons Piano Co.	58,647	Dec. 18	125	2358
Pianos	Lyons & Healy	58,650	Dec. 18	125	2358
Pianos	Rothschild & Company	58,711	Dec. 25	125	2752
Pianos	E. G. Harrington & Company	58,721	Dec. 25	125	2752
Pianos and automatic piano-players	Krakauer Bros	57,863	Nov. 27	125	1345
Pianos and electrical players for pianos. Electrically-played	Stokes & Smith Company	52,114	May 1	122	343
Pianos and organs	Williams Organ & Piano Co.	58,246	Dec. 11	125	2039
Pianos and organs	W. Gerner	58,302	Dec. 11	125	2040
Pianos and organs	D. S. Andrus & Co.	58,603	Dec. 18	125	2357

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Pianos and organs.	M. D. Marks.	58,725	Dec. 25	125	2752
Pianos and piano-players. Self-playing.	Autopiano Company.	51,161	Apr. 3	121	1672
Pianos and self-playing pianos and parts thereof.	Lyon & Healy.	57,078	Oct. 30	124	2898
Pianos having playing attachments.	Auto-Grand Piano Company.	57,362	Nov. 13	125	655
Pianos having playing attachments.	Auto-Grand Piano Company.	57,957	Dec. 4	125	1691
Pianos. Upright.	John Church Company.	48,670	Jan. 9	120	649
Pianos. Upright and grand.	Lester Piano Company.	53,387	June 5	122	2047
Pianos without keyboards. Self-playing.	Lyon & Healy.	51,370	Apr. 17	121	2311
Pianofortes. Pneumatically-actuated.	Roth & Engelhardt.	50,386	Mar. 13	121	683
Pickers and burring-machines and attachments and parts thereof.	Curtis & Marble Machine Co.	49,945	Feb. 27	120	2745
Pickers and burring-machines and attachments and parts thereof.	Curtis & Marble Machine Co.	49,967	Feb. 27	120	2746
Pickled limes.	Griggs, Cooper & Company.	54,205	June 19	122	2685
Pickles.	Squire Dingee Co.	53,500	June 5	122	2052
Pickles.	Squire Dingee Co.	55,837	Aug. 21	123	2617
Pickles.	Batty & Co.	56,583	Oct. 9	124	1838
Pickles.	Passano & Company.	58,174	Dec. 11	125	2037
Pickles and brandied fruits.	Passano & Company.	58,611	Dec. 18	125	2357
Pickles. Certain named.	Wm. Henning Co.	54,907	July 31	123	1660
Pickles. Mixed.	Griggs, Cooper & Company.	56,350	Sept. 18	124	901
Picks. Coal-miners'.	Fulton Tool Works.	53,748	June 12	122	2378
Picks, mattocks, grub-hoes, and eye-hoes.	Simmons Hardware Company.	54,880	July 31	123	1660
Picture-frames.	A. M. Collins Manufacturing Company.	53,714	June 12	122	2377
Pie-fillings.	H. C. Gutches.	52,777	May 15	122	1040
Piece goods. Certain named.	A. Wimpheimer and Brother.	55,016	Aug. 7	123	1979
Pigment colors and colored paints.	J. T. Lewis & Bros. Co.	49,041	Jan. 23	120	1156
Pile cure.	H. J. Burke.	55,594	Aug. 21	123	2611
Pillows, cushions, and mattresses.	Sanitary Feather Co.	58,663	Dec. 18	125	2359
Pills.	F. J. Cheney.	49,146	Jan. 23	120	1160
Pills.	Alcock Manufacturing Co.	49,559	Feb. 13	120	2115
Pills.	Lamont, Corliss & Co.	50,047	Feb. 27	120	2749
Pills.	J. A. McKee.	52,179	May 1	122	345
Pills.	R. H. N. Johnson.	53,044	May 22	122	1391
Pills.	Carter Medicine Company.	53,591	June 5	122	2056
Pills.	Alcock Manufacturing Co.	53,906	June 12	122	2384
Pills.	Alcock Manufacturing Co.	54,093	June 19	122	2681
Pills.	J. Beecham.	54,158	June 19	122	2683
Pills.	J. Beecham.	54,241	June 26	122	2987
Pills.	J. Beecham.	54,242	June 26	122	2987
Pills.	Alcock Manufacturing Co.	54,303	June 26	122	2990
Pills.	J. F. Ballard.	55,628	Aug. 21	123	2612
Pills.	Potter Drug & Chemical Corporation.	55,708	Aug. 21	123	2614
Pills.	Prout & Harsant.	58,114	Dec. 4	125	1695
Pills.	Prout & Harsant.	58,115	Dec. 4	125	1695
Pills and cough medicine.	S. Holzman.	50,724	Mar. 27	121	1340
Pills and tablets.	E. Brunor.	49,464	Feb. 6	120	1816
Pills and tablets. Cathartic.	Foster-McClellan Company.	53,073	May 22	122	1392
Pills and tablets. Cathartic.	Foster-McClellan Company.	53,074	May 22	122	1393
Pills and tablets for diseases of the blood, liver, stomach, bowels, kidneys, and nerves.	C. F. York.	48,538	Jan. 2	120	318
Pills. Cathartic.	J. Talford.	55,625	Aug. 21	123	2612
Pills for biliousness and constipation.	Munyon's Homœopathic Home Remedy Co.	51,148	Apr. 3	121	1671
Pills for liver and bowel complaints.	B. T. Davis.	53,068	May 22	122	1392
Pills for the cure and alleviation of diseases and disorders of the liver.	Van Vleet-Mansfield Drug Co.	48,968	Jan. 16	120	898
Pills for the cure of constipation.	L. H. Perlman.	58,112	Dec. 4	125	1695
Pills. Liver.	J. P. Smith.	56,180	Aug. 28	123	2970
Pills. Liver.	W. J. Burdick Medicine Co.	58,390	Dec. 11	125	2043
Pills. Liver.	Lydia E. Pinkham Medicine Company.	58,761	Dec. 25	125	2753
Pills. Liver and kidney.	C. B. Mumford.	55,947	Aug. 21	123	2620
Pills. May-apple.	J. Q. Phillips.	48,939	Jan. 16	120	897
Pills, pellets, or granules.	R. V. Pierce.	57,519	Nov. 13	125	660
Pills. Pennyroyal and tansy.	H. B. Taylor.	53,872	June 12	122	2383
Pills, powders, lozenges, tablets, and dragees.	Mariani & Co.	55,611	Aug. 21	123	2611
Pills. Purgative.	W. H. Comstock Company.	49,819	Feb. 20	120	2434
Pills. Sugar-coated.	Lauman & Kemp.	49,570	Feb. 13	120	2115
Pin-retainers.	G. J. Capewell, Jr.	48,631	Jan. 9	120	647
Pins.	Plume & Atwood Mfg. Co.	49,458	Feb. 6	120	1816
Pins. Black-head.	Abel Morrall.	56,485	Oct. 2	124	1517
Pins, bracelets, and chains.	Regnell, Bigney and Co.	58,039	Dec. 4	125	1693
Pins, ear-rings, and studs.	Donley & Co.	50,501	Mar. 20	121	1005
Pins. Hat.	Scott-Blake Co.	53,733	June 12	122	2378
Pins. Safety.	American Pin Company.	54,927	Aug. 7	123	1977
Pins. Safety.	H. B. Claflin Company.	58,441	Dec. 18	125	2353
Pins. Safety and toilet.	Stork Company.	57,950	Dec. 4	125	1691
Pins. Solid-headed straight.	Plume & Atwood Mfg. Co.	54,943	Aug. 7	123	1977
Pins. Straight solid-headed.	Plume & Atwood Mfg. Co.	58,729	Dec. 25	125	2752
Pins. Toilet.	Star Pin Company.	49,609	Feb. 13	120	2117
Pins. Toilet.	Diecherhoff Raffloer & Co.	50,366	Mar. 13	121	682
Pins. Toilet and glass-headed.	Abel Morrall Limited.	58,432	Dec. 18	125	2353
Pincers, nippers, and hoof-trimmers.	Washington Tool Co.	54,727	June 26	122	3007
Pincers. Shoe.	F. W. Whitche.	54,256	June 26	122	2988
Pineapples.	C. Ruiz.	56,085	Aug. 21	123	2624
Pineapples. Candied.	Sipe and Sipe.	55,786	Aug. 21	123	2616
Pipe-fittings.	Thomas Devlin Manufacturing Co.	57,769	Nov. 27	125	1342
Pipe-fittings. Metal.	Malleable Iron Fittings Company.	51,529	Apr. 17	121	2317
Pipe-flanges, bands, and rings. Metal.	Railway Steel-Spring Company.	58,958	Dec. 25	125	2758
Pipe-joints.	Moran Flexible Joint Co.	55,396	Aug. 14	123	2302
Pipe lengths.	Central Foundry Co.	56,915	Oct. 23	124	2529

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Pipes, fittings, and connections therefor. Soil-.....	Crown Pipe and Foundry Co.	50,427	Mar. 13	121	685
Pipes, fittings, and connections therefor. Steam, gas, oil, and water	McNab & Harlin Manufacturing Company.	52,587	May 15	122	1032
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	49,430	Feb. 6	120	1815
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	50,125	Mar. 6	121	327
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	50,460	Mar. 20	121	1004
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	50,584	Mar. 27	121	1335
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	50,585	Mar. 27	121	1335
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	52,903	May 22	122	1386
Pistols.....	Colt's Patent Fire Arms Manufacturing Company.	52,904	May 22	122	1386
Pistols. Revolver.....	Smith & Wesson.....	54,948	Aug. 7	123	1978
Pitch.....	Warren-Ehret Company.....	50,085	Mar. 6	121	326
Planes and plane-irons.....	Simmons Hardware Company. .	53,685	June 12	122	2376
Planters. Corn.....	Belcher & Taylor Agricultural Tool Co.	55,231	Aug. 7	123	1985
Planters, guano-distributers, grain and fertilizer drills. Cotton-Plaster.....	J. T. Gantt.....	55,536	Aug. 14	123	2306
Plaster. Adhesive.....	Glencoe Lime & Cement Company.	52,324	May 8	122	715
Plaster. Antiseptic adhesive poultice-.....	J. Ellwood Lee Company.....	52,665	May 15	122	1035
Plaster. Calcined.....	Bayles Distributing Co.	52,591	May 15	122	1032
Plaster. Corn.....	C. Tomkins.....	50,118	Mar. 6	121	327
Plaster for molding.....	M. E. Clyne.....	58,940	Dec. 25	125	2758
Plaster for walls.....	Patterson Coal & Supply Co.	56,968	Oct. 30	124	2895
Plaster formed of wood fiber.....	Patterson Coal & Supply Co.	56,969	Oct. 30	124	2895
Plaster. Healing.....	Pittsburgh Plate Glass Company.	58,727	Dec. 25	125	2752
Plaster. Medicinal.....	Potter Drug & Chemical Corporation.	58,690	Dec. 25	125	2751
Plaster-of-paris.....	W. C. Devold.....	53,974	June 19	122	2676
Plaster-of-paris.....	J. B. King & Co.	57,535	Nov. 13	125	660
Plaster-of-paris.....	J. B. King & Co.	58,170	Dec. 11	125	2037
Plaster, plaster-of-paris, and stucco. Wall and calcined.....	Acme Cement Plaster Co.	53,673	June 12	122	2376
Plaster, plaster-of-paris, and stucco. Wall and calcined.....	Acme Cement Plaster Co.	53,674	June 12	122	2376
Plaster, plaster-of-paris, and stucco. Wall and calcined.....	Acme Cement Plaster Co.	53,675	June 12	122	2376
Plaster, plaster-of-paris, calcined plaster, and stucco. Wall-Plasters.....	Acme Cement Plaster Co.	57,374	Nov. 13	125	656
Plasters.....	Johnson & Johnson.....	49,279	Jan. 30	120	1471
Plasters.....	Johnson & Johnson.....	49,280	Jan. 30	120	1471
Plasters.....	Johnson & Johnson.....	49,380	Feb. 6	120	1813
Plasters.....	A. R. Idome.....	51,968	May 1	122	337
Plasters.....	Alcock Manufacturing Co.	53,159	May 29	122	1709
Plasters.....	A. P. Ordway.....	58,110	Dec. 4	125	1605
Plasters. Adhesive.....	Johnson & Johnson.....	52,955	May 22	122	1388
Plasters. Adhesive.....	J. Ellwood Lee Company.....	55,500	Aug. 14	123	2305
Plasters and certain named medicines.....	Garfield Tea Co.	58,856	Dec. 25	125	2756
Plasters and plastic compounds.....	Faragon Plaster Company.....	54,477	June 26	122	2997
Plasters and salves.....	F. Beiersdorf & Co.	55,658	Aug. 21	123	2612
Plasters. Corn and bunion.....	Bauer & Black.....	54,264	June 26	122	2988
Plasters. Corn-killing.....	M. R. Kelly & Co.	50,099	Mar. 6	121	326
Plasters. Porous.....	Alcock Manufacturing Co.	53,969	June 19	122	2676
Plasters. Porous.....	Alcock Manufacturing Co.	57,525	Nov. 13	125	660
Plastering and finishing cement.....	J. B. King & Co.	51,710	Apr. 24	121	2650
Plastic composition containing shellac, clay, and fiber. Certain.....	Duranoid M'F'G. Co.	55,977	Aug. 21	123	2621
Plastic composition made from animals' horns and hoofs.....	Kornit Manufacturing Company.	55,984	Aug. 21	123	2621
Plastic flooring and composition for making the same.....	Warren Brothers Company.....	56,096	Aug. 21	123	2624
Plastic substances for external use.....	Anticongestine Company.....	54,997	Aug. 7	123	1979
Plated flat ware for table use, including knives, forks, and spoons.....	International Silver Company....	57,509	Nov. 13	125	659
Plated flat ware for table use, including knives, forks, and spoons.....	International Silver Company....	57,560	Nov. 13	125	661
Plated flat ware for table use, including knives, forks, and spoons.....	International Silver Company....	58,282	Dec. 11	125	2040
Platinum.....	R. R. Graf.....	55,118	Aug. 7	123	1982
Playing-cards.....	New York Consolidated Card Company.	54,836	July 31	123	1658
Plows.....	A. Baldwin & Co.	50,580	Mar. 27	121	1335
Plows.....	Parlin & Orendorff Co.	51,663	Apr. 17	121	2322
Plows.....	Parlin & Orendorff Co.	51,822	Apr. 24	121	2655
Plows and cultivators.....	Vulcan Plow Co.	52,116	May 1	122	343
Plows and cultivators.....	Vulcan Plow Co.	57,084	Oct. 30	124	2898
Plows and parts thereof.....	Collins Company.....	52,092	May 1	122	342
Plows, cultivators, and harrows.....	B. F. Avery & Sons.....	51,813	Apr. 24	121	2654
Plows, cultivators, rollers, and harrows.....	Wiard Plow Co.	49,608	Feb. 13	120	2117
Plows, harrows, cultivators, and planters.....	B. F. Avery & Sons.....	51,861	Apr. 24	121	2656
Plows, listers, and harrows.....	Emerson Manufacturing Co.	49,232	Jan. 30	120	1469
Plows, listers, cultivators, and harrows.....	Morrison Manufacturing Company.	48,933	Jan. 16	120	897
Plows. Riding and walking.....	Parlin & Orendorff Co.	50,593	Mar. 27	121	1335
Plows. Riding and walking.....	Parlin & Orendorff Co.	54,313	June 26	122	2990
Plum-pudding.....	Griggs, Cooper & Company.....	56,135	Aug. 28	123	2969
Plumbago axle-grease.....	United States Graphite Company.	54,647	June 26	122	3004
Plumes and boas, muffs, and capes made from ostrich-feathers. Ostrich-.....	E. Cawston.....	54,323	June 26	122	2990
Poison for animals and insects.....	D. J. Kaufmann.....	51,936	Apr. 24	121	2659
Poison for the extermination of rats and mice.....	W. Peterman.....	56,402	Sept. 18	124	902
Poison. Insect.....	R. Drumm.....	53,336	May 29	122	1717
Poison or exterminator for rats, vermin, and insects.....	E. S. Wells.....	51,852	Apr. 24	121	2656
Police-twisters.....	Tower & Lyon Co.	48,747	Jan. 9	120	652
Polish.....	A. L. Prescott.....	56,254	Sept. 4	124	314
Polish. Certain named.....	Crosby & Co.	49,639	Feb. 13	120	2118
Polish. Certain named.....	A. L. Prescott.....	52,733	May 15	122	1038
Polish. Detergent.....	Buffalo Specialty Company.....	56,782	Oct. 16	124	2175
Polish for stoves and similar articles.....	A. L. Prescott.....	56,624	Oct. 9	124	1839

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Polish for wood and metals. Liquid.	W. J. Bussey	52,393	May 8	122	718
Polish. Metal.	S. N. Gold	55,928	Aug. 21	123	2620
Polishes.	J. A. Wright & Co.	51,240	Apr. 10	121	1969
Polishes for wood, metal, marble, and glass.	C. H. Smith & Co.	49,242	Jan. 30	120	1469
Polishing and abrading tools and implements and metal-polishing powder.	F. W. Gesswein Company	56,789	Oct. 16	124	2175
Polishing and cleansing preparations.	L. Hauck	52,695	May 15	122	1036
Polishing compound.	G. W. Hoffman	55,855	Aug. 21	123	2618
Polishing-powder.	C. Hambuechen	56,137	Aug. 28	123	2969
Pomade.	J. D. Bell	53,513	June 5	122	2053
Popcorn.	Albert Dickinson Company	50,249	Mar. 6	121	332
Popcorn.	A. A. Berry Seed Company	53,380	June 5	122	2047
Popcorn.	A. A. Berry Seed Company	53,381	June 5	122	2047
Popcorn.	A. A. Berry Seed Company	54,926	Aug. 7	123	1977
Popcorn.	Albert Dickinson Company	55,801	Aug. 21	123	2616
Popcorn. Candied.	W. J. Madden	54,501	June 26	122	2998
Popcorn. Sweetened or molasses.	D. L. Clark Co.	57,585	Nov. 13	125	661
Poplin piece goods.	Reiling, David & Schoen	56,970	Oct. 30	124	2895
Porcelain ware of all kinds.	A. Hamann	52,719	May 15	122	1037
Porter.	Du Bois Brewing Company	57,019	Oct. 30	124	2897
Porter.	J. Labatt	57,040	Oct. 30	124	2897
Porter and stout.	Beadleston & Woerz	56,598	Oct. 9	124	1838
Post-cards. Pictorial.	Raphael Tuck and Sons Co.	55,028	Aug. 7	123	1980
Potash.	Pennsylvania Salt Manuf'g Co.	53,935	June 12	122	2386
Potash.	Pennsylvania Salt Manuf'g Co.	56,048	Aug. 21	123	2623
Potash.	A. Mendleson's Sons	56,481	Sept. 25	124	1203
Potash and lye.	A. Mendleson's Sons	56,141	Aug. 28	123	2969
Potash and lye.	A. Mendleson's Sons	56,460	Sept. 25	124	1202
Potash, lye, and caustic soda.	A. Mendleson's Sons	50,792	Mar. 27	121	1343
Potash or lye. Caustic.	E. N. Hall	58,999	Dec. 25	125	2759
Potash or lye. Caustic.	E. N. Hall	59,000	Dec. 25	125	2759
Potato chips.	New Haven Dairy Company	57,720	Nov. 27	125	1341
Potatoes. Irish and sweet.	Eastern Shore of Virginia Produce Exchange.	51,864	Apr. 24	121	2656
Potatoes. Irish and sweet.	Eastern Shore of Virginia Produce Exchange.	52,248	May 1	122	348
Pottery, earthenware, and china.	Doulton & Co.	50,410	Mar. 13	121	684
Pottery, earthenware, and china.	Doulton & Co.	50,411	Mar. 13	121	684
Pottery-ware. Ornamental.	American Terra Cotta and Ceramic Company.	50,994	Apr. 3	121	1665
Powder and antiseptic mouth-wash. Tooth-	T. R. Harvey	53,862	June 12	122	2383
Powder. Cannon.	Hazard Powder Company	58,012	Dec. 4	125	1692
Powder. Cleaning and polishing.	Lexington Manufacturing Co.	51,902	Apr. 24	121	2658
Powder containing phenol. Tooth-	Crimmings-Magrath Co.	53,268	May 29	122	1714
Powder. Explosive.	E. I. du Pont Company	57,395	Nov. 13	125	656
Powder. Explosive.	Lafin & Rand Powder Company	57,426	Nov. 13	125	657
Powder. Explosive.	Lafin & Rand Powder Company	58,557	Dec. 18	125	2356
Powder. Face.	J. Tetlow	50,393	Mar. 13	121	683
Powder. Face.	F. T. Hopkins	51,613	Apr. 17	121	2320
Powder. Face.	J. Tetlow	51,949	Apr. 24	121	2660
Powder. Face.	Artesia Cream Company	52,166	May 1	122	345
Powder. Face.	J. Tetlow	52,220	May 1	122	347
Powder. Face.	Dr. Charles Co.	55,890	Aug. 21	123	2619
Powder. Face.	R. Hudnut's Pharmacy	58,049	Dec. 4	125	1693
Powder. Foot.	E. E. Ambrose	52,404	May 8	122	719
Powder. Foot.	Rice, Stearns & Co.	52,474	May 8	122	721
Powder for burns and similar injuries.	M. M. Sterne	58,963	Dec. 25	125	2758
Powder for diseases of plants and fruit-trees. Insecticide-	J. Souheur	55,788	Aug. 21	123	2616
Powder for killing vermin and disinfecting.	Dr. Hess & Clark	51,560	Apr. 17	121	2318
Powder for toilet and nursery purposes.	J. Tetlow	51,948	Apr. 24	121	2660
Powder. Gun.	American Powder Mills	52,991	May 22	122	1389
Powder. Gun.	American Powder Mills	53,113	May 29	122	1708
Powder. Gun.	American Powder Mills	53,655	June 12	122	2375
Powder. Gun.	Curtis's & Harvey	55,939	Aug. 21	123	2620
Powder. Gun.	Curtis's & Harvey	56,348	Sept. 18	124	901
Powder. Gun.	Curtis's & Harvey	57,242	Nov. 6	125	345
Powder. Gun.	E. I. du Pont Company	57,396	Nov. 13	125	656
Powder. Gun.	E. I. du Pont Company	57,419	Nov. 13	125	657
Powder. Gun.	Lafin & Rand Powder Company	57,995	Dec. 4	125	1692
Powder. Gun.	Nobels Explosives Co.	57,997	Dec. 4	125	1692
Powder. Gun and blasting.	Hazard Powder Company	58,013	Dec. 4	125	1692
Powder. Heave.	W. T. Banks	54,320	June 26	122	2990
Powder, including smokeless powder. Explosive	Dr. Hess & Clark	53,081	May 22	122	1393
Powder, including smokeless powder. Explosive	E. I. du Pont Company	57,420	Nov. 13	125	657
Powder, including smokeless powder. Gun-	Lafin & Rand Powder Company	58,022	Dec. 4	125	1693
Powder. Non-explosive lamp.	E. I. du Pont Company	57,418	Nov. 13	125	657
Powder. Talcum	E. E. Jennison	55,756	Aug. 21	123	2615
Powder. Talcum	Pond's Extract Company	52,107	May 1	122	343
Powder. Toilet.	R. Hudnut's Pharmacy	58,087	Dec. 4	125	1694
Powder. Toilet.	Byron C. Gould	49,560	Feb. 13	120	2115
Powder. Toilet.	Byron C. Gould	49,584	Feb. 13	120	2116
Powder. Toilet.	Stork Company	50,800	Mar. 27	121	1344
Powder. Toilet.	Waltham Novelty Company	54,632	June 26	122	3003
Powder. Toilet.	M. Chubb	55,974	Aug. 21	123	2621
Powder. Toilet.	Gerhard Mennen Chemical Co.	56,517	Oct. 2	124	1518
Powder. Toilet.	C. H. Henton	58,077	Dec. 4	125	1694
Powder. Toilet.	Gerhard Mennen Chemical Co.	58,858	Dec. 25	125	2756
Powder. Toilet.	Gerhard Mennen Chemical Co.	58,859	Dec. 25	125	2756
Powder. Toilet and sachet.	R. Hudnut's Pharmacy	52,160	May 1	122	345
Powder. Tooth.	W. Brush	54,967	Aug. 7	123	1978
Powder. Tooth.	Lambert Pharmacal Company	55,690	Aug. 21	123	2613
Powder. Tooth.	C. S. Van Orden	56,128	Aug. 28	124	2969
Powder. Tooth.	Vail Brothers	56,339	Sept. 11	124	620
Powder. Tooth.	R. Hudnut's Pharmacy	57,064	Oct. 31	124	2898
Powder. Washing.	Ruschhaupt Bros.	54,795	July 30	123	1657
Powder. Worm.	Dr. Hess & Clark	50,235	Mar. 6	121	332
Powder. Worm.	M. W. Savage	56,151	Aug. 28	123	2970

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Powders and creams. Toilet.	E. N. Lanigan.	53,583	June 5	122	2055
Powders and remedy for children's diseases. Teething and cooling.	J. A. W. Bouvier.	54,964	Aug. 7	123	1978
Powders. Certain named.	E. Betts.	52,128	May 1	122	343
Powders. Condition.	F. G. Boynton.	55,593	Aug. 21	123	2611
Powders for cleaning solid and plated wares and metals.	C. A. Everett.	49,030	Jan. 23	120	1155
Powders for indigestion, &c.	C. V. Cross.	54,593	June 26	122	3001
Powders. Headache.	R. S. Starks.	49,816	Feb. 20	120	2434
Powders, pastes, and washes. Tooth.	H. B. Cladin Company.	58,861	Dec. 25	125	2756
Powders. Perfumed.	E. Palmer.	51,907	Apr. 24	121	2658
Powders. Teething and cooling.	J. A. W. Bouvier.	54,963	Aug. 7	123	1978
Powders. Toilet.	Sanitol Chemical Laboratory Co.	56,022	Aug. 21	123	2622
Powders. Tooth.	Jordan Marsh Company.	56,335	Sept. 11	124	620
Powdered paper for the skin or toilet use.	A. S. Butler.	52,527	May 8	122	724
Precious and semiprecious stones.	F. W. Drosten Jewelry Company.	55,348	Aug. 14	123	2301
Precious-metal ware. Certain solid or plated.	Landers, Frary & Clark.	57,221	Nov. 6	125	344
Precious stones for jewelry. Imitations of.	Regnell, Bigney and Co.	49,570	Feb. 20	120	2436
Preparation for certain named diseases.	Van Vleet-Mansfield Drug Co.	49,506	Feb. 6	120	1818
Preparation for curing blood diseases. Vegetable.	A. J. Dickey & Co.	58,785	Dec. 25	125	2754
Preparation for external application. Liquid.	J. N. Preston.	56,777	Oct. 16	124	2174
Preparation for external application for rheumatism. Liquid.	H. E. Fowler.	50,745	Mar. 27	121	1341
Preparation for internal and external application. Liquid.	Herb Medicine Company.	58,078	Dec. 4	125	1694
Preparation for scalp and hair. Liquid.	F. P. Whetzel.	50,404	Mar. 13	121	684
Preparation for skin and flesh food.	Dr. Charles Co.	55,888	Aug. 21	123	2618
Preparation for the complexion. Liquid.	M. Secor.	52,458	May 8	122	721
Preparation for the cure of rheumatism. Liquid.	B. T. Davis.	51,635	Apr. 17	121	2321
Preparation for the relief of rheumatism and kindred ailments.	G. L. Shafer.	50,731	Mar. 27	121	1341
Preparation for the treatment of certain named diseases.	E. E. Sutherland Medicine Co.	48,951	Jan. 16	120	897
Preparation for the treatment of certain named diseases.	Lamar & Rankin Drug Co.	49,569	Feb. 13	120	2115
Preparation made from leeches.	E. Sachsse & Co.	57,153	Nov. 6	125	342
Preparations for certain named diseases.	Palmetto Medicine Company.	58,837	Dec. 25	125	2755
Preparations for diseases of the stomach and bowels.	Dr. Peter Fahrney & Sons Co.	50,527	Mar. 20	121	1006
Preparations for obviating perspiration.	D. Friedlaender.	55,746	Aug. 21	123	2615
Preparations for obviating perspiration.	D. Friedlaender.	55,747	Aug. 21	123	2615
Preparations for the cure of certain named diseases.	E. E. Sutherland Medicine Co.	54,991	Aug. 7	123	1979
Preparations for the skin and complexion.	J. S. Ramaga.	58,841	Dec. 25	125	2755
Preparations for the teeth.	J. S. Ramaga.	58,840	Dec. 25	125	2755
Preparations for the treatment of diseases of the blood, skin, &c.	Dr. Peter Fahrney & Sons Co.	58,944	Dec. 25	125	2758
Preserves, jams, jellies, butters, and marmalades. Vegetable and fruit.	R. C. Williams & Co.	48,900	Jan. 16	120	895
Press-board or press-paper.	Rogers Paper Mfg. Co.	51,330	Apr. 10	121	1973
Presses and sausage-stuffers. Lard and fruit.	Landers, Frary and Clark.	57,833	Nov. 27	125	1344
Pressure-recorders.	Bristol Company.	55,532	Aug. 14	123	2306
Pretzels.	J. S. Bachman.	50,602	Mar. 27	121	1336
Pretzels.	F. P. Nistle.	58,198	Dec. 11	125	2038
Preventive and cure for diseases of domestic animals.	H. G. Harter & Co.	56,546	Oct. 2	124	1518
Primers or caps. Blasting.	Metallic Cap Manufacturing Coy.	53,557	June 5	122	2054
Printed pictorial matter.	Western Color Print Co.	55,912	Aug. 21	123	2619
Printer's paste and set-off liquor.	G. S. Duncan.	51,963	May 1	122	337
Printing and dyeing. Manufactured colors for.	American Dyewood Company.	49,140	Jan. 23	120	1160
Printing apparatus. Hectographic.	F. F. Daus.	49,946	Feb. 27	120	2745
Printing-machines.	Addressograph Company.	54,697	June 26	122	3006
Printing-machines adapted to be operated by hand. Rotary.	American Multigraph Co.	48,699	Jan. 9	120	650
Printing-machines. Rotary type.	American Multigraph Company.	48,529	Jan. 2	120	318
Printing-machines. Web-perfecting.	Goss Printing Press Company.	49,310	Jan. 30	120	1472
Printing on wall-paper. Preparation of mica for.	Loos & Dilworth.	57,910	Dec. 4	125	1690
Prints. Calico.	Passaic Print Works.	56,966	Oct. 30	124	2895
Prints. Calico.	Passaic Print Works.	56,967	Oct. 30	124	2895
Protective coverings. Certain named.	Stork Company.	58,932	Dec. 25	125	2758
Prunes. Packaged.	J. L. Bowers.	58,878	Dec. 25	125	2756
Publication. Annual.	Industrial Press.	50,161	Mar. 6	121	329
Publication. Monthly.	W. Goodhue.	51,290	Apr. 10	121	1971
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	53,804	June 12	122	2381
Publication. Periodical.	Holophane Glass Company.	53,806	June 12	122	2381
Publication. Periodical.	Illuminating Engineering Publishing Co.	53,807	June 12	122	2381
Publication. Periodical.	V. Lansingh.	53,808	June 12	122	2381
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,703	Dec. 25	125	2751
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,704	Dec. 25	125	2752
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,742	Dec. 25	125	2753
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,743	Dec. 25	125	2753
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,744	Dec. 25	125	2753
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,745	Dec. 25	125	2753
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,746	Dec. 25	125	2753
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,747	Dec. 25	125	2753
Publication. Periodical.	Dr. Peter Fahrney & Sons Co.	58,748	Dec. 25	125	2753
Publication. Weekly.	Tradesmen's Publishing Company.	51,376	Apr. 17	121	2311
Publication. Weekly.	Tradesmen's Publishing Company.	51,377	Apr. 17	121	2311
Publications. Magazine or periodical.	Buyers' Index Publishing Co.	57,053	Oct. 30	124	2897
Publications. Printed.	Fruit Grower Company.	49,781	Feb. 13	120	2123
Publications. Serial.	Railway Equipment & Publication Co.	54,855	July 31	123	1659
Publications. Serial.	Railway Equipment & Publication Co.	54,856	July 31	123	1659
Publications treating of electrotechnics.	Electrical Review Pub. Co.	49,470	Feb. 6	120	1817
Puddings.	A. Tsakona.	52,793	May 15	122	1040
Puddings and custards.	W. P. Ward.	52,542	May 8	122	724
Pull-sockets.	Harvey Hubbell.	50,234	Mar. 6	121	331
Pulleys, blocks, and parts thereof.	Boston & Lockport Block Company.	49,849	Feb. 20	120	2435
Pulleys, blocks, and parts thereof.	Boston & Lockport Block Company.	50,869	Apr. 3	121	1659
Pulleys. Sash.	Norris Sash Pulley Company.	50,822	Apr. 3	121	1657
Pulleys. Sash.	P. Dösch.	51,207	Apr. 10	121	1968

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Pulp and ground wood. Wood-	Aspegren & Co.	53,136	May 29	122	1708
Pulp-board.	A. W. Case.	51,261	Apr. 10	121	1970
Pulverizing machinery.	G. H. Fraser.	53,515	June 5	122	2053
Pulverizing machinery.	G. H. Fraser.	53,516	June 5	122	2053
Pulverizing machines.	Central Cyclone Co.	57,905	Dec. 4	125	1689
Pump buckets. Chain-	Temple Pump Company.	52,919	May 22	122	1386
Pumps.	F. E. Myers & Bro.	53,603	June 5	122	2056
Pumps. Air.	Wheeler Condenser & Engineering Co.	56,981	Oct. 30	124	2896
Pumps and turbines.	Vagn-och Maskin-Fabriks-Aktiebolaget.	57,483	Nov. 13	125	659
Pumps. Centrifugal.	Wheeler Condenser & Engineering Co.	53,672	June 12	122	2375
Pumps. Centrifugal.	Lawrence Machine Co.	58,982	Dec. 25	125	2759
Pumps. Hydraulic.	United Iron Works.	52,589	May 15	122	1032
Pumps, otherwise known as bucket or chain pumps. Purifying.	St. Joseph Pump Co.	52,345	May 8	122	716
Pumps. Piston well-	Red Jacket Manufacturing Company.	52,372	May 8	122	717
Pumps. Power-	Platt Iron Works Co.	57,127	Nov. 6	125	342
Pumps. Steam-	Union Steam Pump Co.	57,482	Nov. 13	125	659
Pumps. Steam-	Union Steam Pump Co.	58,456	Dec. 18	125	2353
Pumps. Water-	F. E. Myers & Brother.	52,274	May 8	122	713
Punch.	Ginter Grocery Company.	51,790	Apr. 24	121	2653
Punch.	John E. Cassidy & Son.	57,561	Apr. 13	125	661
Punch.	George F. Hewett Co.	58,484	Dec. 18	125	2354
Punch. Alcoholic.	C. H. Graves & Sons.	51,236	Apr. 10	121	1969
Punches of all kinds.	Patterson, Gottfried & Hunter.	48,693	Jan. 9	120	650
Purgative compounds. Liquid.	California Fig Syrup Co.	49,561	Feb. 13	120	2115
Purgative compounds. Liquid.	California Fig Syrup Co.	54,322	June 26	122	2900
Purse. Coin or combined paper and coin.	C. E. Albright.	54,349	June 26	122	2991
Purses and hand-bags. Leather.	Gorham Mfg. Co.	54,036	June 19	122	2678
Purses and satchels. Leather.	A. & E. Leather Goods Co.	56,406	Sept. 25	124	1201
Putty or glazing preparation. Liquid.	F. O. Pierce Company.	51,763	Apr. 24	121	2652
Puzzles. Rolling-ball.	J. Bigham.	53,138	May 29	122	1709
Quebracho extract.	A. Klipstein & Company.	50,031	Feb. 27	120	2749
Quilts.	Marshall Field & Company.	51,592	Apr. 17	121	2319
Quilts.	Marshall Field & Company.	54,557	June 26	122	3000
Quinin preparation.	Chas. H. Phillips Chemical Co.	55,599	Aug. 21	123	2611
Radiators.	R. S. Calef.	57,441	Nov. 13	125	658
Radiators.	American Radiator Company.	58,434	Dec. 18	125	2353
Radiators.	American Radiator Company.	58,435	Dec. 18	125	2353
Radiators.	American Radiator Company.	58,473	Dec. 18	125	2354
Radiators.	American Radiator Company.	58,474	Dec. 18	125	2354
Radiators. Steam and hot-water.	United States Radiator Company.	57,010	Oct. 30	124	2896
Radiators. Steam and hot-water.	United States Radiator Company.	57,011	Oct. 30	124	2896
Railway-track bolts.	American Iron & Steel M'fg Co.	49,089	Jan. 23	120	1158
Railways. Scenic.	L. A. Thompson Scenic Railway Co.	51,820	Apr. 24	121	2655
Raisins and dried currants.	Wilkinson, Gaddis & Co.	55,883	Aug. 21	123	2618
Range. Steel.	P. D. Beckwith.	52,207	May 1	122	347
Ranges and stoves. Cooking.	Cook and Van Evera Co.	53,677	June 12	122	2376
Ranges, cooking and heating stoves.	Kalamazoo Stove Co.	51,297	Apr. 10	121	1971
Rasps.	Stokes Bros. Manufacturing Co.	55,123	Aug. 7	123	1982
Rat, vermin, and insect destroyer or exterminator.	E. S. Wells.	54,051	June 19	122	2679
Rawhide. Specially-prepared.	New Process Raw Hide Co.	52,275	May 8	122	713
Razor-strop. Leather.	Redlands Hone Company.	56,543	Oct. 2	124	1518
Razor-strops.	E. B. Gifford.	51,442	Apr. 17	121	2313
Razor-strops.	A. J. Jordan.	51,894	Apr. 24	121	2657
Razor-strops.	H. Clauss.	57,211	Nov. 6	125	344
Razor-strops and hones.	Hibbard, Spencer, Bartlett & Company.	55,074	Aug. 7	123	1981
Razors.	Challenge Cutlery Corp.	48,679	Jan. 9	120	649
Razors.	H. Clauss.	48,916	Jan. 16	120	896
Razors.	G. R. Springer.	49,166	Jan. 23	120	1161
Razors.	Challenge Cutlery Corporation.	49,326	Jan. 30	120	1473
Razors.	Challenge Cutlery Corp.	50,923	Apr. 3	121	1661
Razors.	H. Keidel.	51,992	May 1	122	338
Razors.	A. Witte.	52,349	May 8	122	716
Razors.	Challenge Cutlery Corporation.	52,477	May 8	122	722
Razors.	A. Graef.	53,123	May 29	122	1708
Razors.	F. A. Clauberg & Co.	53,306	May 29	122	1715
Razors.	Smith & Hemenway Company.	53,570	June 5	122	2055
Razors.	Smith & Hemenway Company.	53,572	June 5	122	2055
Razors.	H. Hessenbruch.	53,659	June 12	122	2375
Razors.	Simmons Hardware Company.	53,687	June 12	122	2376
Razors.	A. Graef.	53,723	June 12	122	2377
Razors.	F. A. Clauberg & Co.	54,737	June 26	122	3007
Razors.	Smith & Hemenway Company.	54,757	June 26	122	3008
Razors.	U. J. Ulery.	55,165	Aug. 7	123	1984
Razors.	George Wostenholm & Son.	55,379	Aug. 14	123	2302
Razors.	H. Clauss.	56,269	Sept. 4	124	314
Razors.	H. Clauss.	57,088	Nov. 6	125	341
Razors.	Moshy & Rahaim.	57,429	Nov. 13	125	657
Razors.	Wm. Elliot & Co.	57,433	Nov. 13	125	657
Razors.	Wm. Elliot & Co.	57,490	Nov. 13	125	659
Razors and knives.	A. Kastor & Bros.	54,356	June 26	122	2992
Razors and pocket, butcher, and table knives.	Keith, Simmons & Co.	54,669	June 26	122	3004
Razors and pocket-knives.	A. L. Silberstein.	52,342	May 8	122	716
Razors and pocket-knives.	A. L. Silberstein.	55,299	Aug. 14	123	2300
Razors and razor-blades.	Kampfe Bros.	56,186	Aug. 28	123	2971
Razors and razor-blades.	Gillette Safety Razor Co.	56,921	Oct. 23	124	2530
Razors and razor-blades.	Vom Cleff & Co.	57,013	Oct. 30	124	2896
Razors and safety-razor blades.	C. F. Ern.	54,327	June 26	122	2991
Razors, knives, and forks.	T. R. Cadman & Sons.	55,078	Aug. 7	123	1981

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Razors, razor-blades, shears, and scissors.....	Rolka & Klein.....	58,201	Dec. 11	125	2038
Razors, shears, and pocket scissors, knives, and manicure-blades.	H. Clauss.....	58,478	Dec. 18	125	2354
Reamers.....	Standard Tool Company.....	49,982	Feb. 27	120	2747
Refrigerators.....	D. Eddy & Sons Co.....	49,707	Feb. 13	120	2120
Refrigerators.....	Lorillard Refrigerator Co.....	52,074	May 1	122	341
Refrigerators.....	McCray Refrigerator Co.....	52,105	May 1	122	343
Refrigerators.....	Lorillard Refrigerator Co.....	52,429	May 8	122	720
Refrigerators.....	O. M. Whitman & Co.....	53,396	June 5	122	2048
Refrigerators.....	Cooper & McKee.....	56,232	Sept. 4	124	313
Refrigerators.....	Eureka Refrigerator Co.....	57,074	Oct. 30	124	2898
Refrigerators.....	Maine Manufacturing Co.....	57,911	Dec. 4	125	1690
Refrigerators and ice-chests.....	Indiana Mfg. Company.....	54,283	June 26	122	2989
Refrigerators, cooling-rooms, ice-boxes, and freezers.....	P. J. Daemick Co.....	58,839	Dec. 25	125	2755
Relishes.....	Wm. Henning Co.....	54,885	July 31	123	1660
Relishes. Certain named.....	M. A. Gedney Pickling Co.....	56,829	Oct. 23	124	2527
Relishes. Certain named.....	M. A. Gedney Pickling Co.....	56,849	Oct. 23	124	2528
Relishes. Certain named.....	M. A. Gedney Pickling Co.....	57,000	Oct. 30	124	2896
Remedies and tonics. Blood.....	L. G. Delamothe.....	53,308	May 29	122	1715
Remedies. Catarrh.....	Pond's Extract Company.....	51,094	Apr. 3	121	1669
Remedies. Catarrh.....	C. E. Schindler.....	54,630	June 26	122	3003
Remedies. Certain named.....	Kickapoo Indian Medicine Co.....	58,043	Dec. 4	125	1693
Remedies. Certain named medicinal.....	J. B. Starkey.....	52,476	May 8	122	722
Remedies. Cough.....	D. Watson.....	58,050	Dec. 4	125	1693
Remedies. Dyspepsia.....	J. M. Gregory.....	58,103	Dec. 4	125	1695
Remedies. External and internal.....	M. B. Baxter.....	51,921	Apr. 24	121	2659
Remedies. Eye.....	Murine Eye Remedy Company.....	49,888	Feb. 20	120	2437
Remedies. Eye.....	G. S. Rubin.....	57,152	Nov. 6	125	342
Remedies for asthma.....	J. K. Brater.....	49,995	Feb. 27	120	2747
Remedies for asthma.....	G. Richardson.....	51,215	Apr. 10	121	1968
Remedies for bloat in animals.....	Pratt Food Co.....	52,790	May 15	122	1040
Remedies for bowel and similar complaints. Astringent.....	Foster Milburn Company.....	51,610	Apr. 17	121	2320
Remedies for bronchial affections.....	J. Wertheim.....	54,126	June 19	122	2682
Remedies for canines.....	L. G. Atwood.....	53,301	May 29	122	1715
Remedies for certain named diseases.....	Radio-Sulpho Co.....	48,533	Jan. 2	120	318
Remedies for certain named diseases.....	Brown Mfg. Co.....	48,909	Jan. 16	120	896
Remedies for certain named diseases.....	Brown Mfg. Co.....	48,910	Jan. 16	120	896
Remedies for certain named diseases.....	Kahama Chemical Co.....	50,429	Mar. 13	121	685
Remedies for certain named diseases.....	H. A. Blair.....	50,923	Apr. 3	121	1661
Remedies for certain named diseases.....	M. Lichtenstein.....	51,939	Apr. 24	121	2659
Remedies for certain named diseases.....	M. Gebauer.....	52,418	May 8	122	719
Remedies for certain named diseases.....	H. F. Edsall.....	52,997	May 22	122	1390
Remedies for certain named diseases.....	H. D. Rucker.....	54,085	June 19	122	2680
Remedies for certain named diseases.....	H. Law, H. E. Law.....	54,673	June 26	122	3005
Remedies for certain named diseases.....	American Pharmacal Co.....	55,589	Aug. 21	123	2611
Remedies for certain named diseases.....	Dr. Richards Dyspepsia Tablet Association.....	55,674	Aug. 21	123	2613
Remedies for certain named diseases.....	Victor Remedies Company.....	55,724	Aug. 21	123	2614
Remedies for certain named diseases.....	W. H. Griffith.....	56,539	Oct. 2	124	1518
Remedies for certain named diseases.....	Rheumatic King Co.....	56,778	Oct. 16	124	2174
Remedies for certain named diseases.....	L. M. Mentele.....	56,931	Oct. 23	124	2530
Remedies for certain named diseases.....	Tilden Company.....	57,549	Nov. 13	125	661
Remedies for certain named diseases.....	Alonzo O. Bliss Medical Company.....	58,097	Dec. 4	125	1694
Remedies for certain named diseases.....	J. W. Nesmith.....	58,766	Dec. 25	125	2753
Remedies for consumption.....	U. S. Chemical Co.....	51,218	Apr. 10	121	1968
Remedies for consumption, liver, and kidney diseases.....	Schiffmann Company.....	55,784	Aug. 21	123	2616
Remedies for diphtheria, &c.....	L. d' Ambrosio.....	53,065	May 22	122	1392
Remedies for diseases common to children.....	E. C. De Witt & Co.....	53,069	May 22	122	1392
Remedies for diseases of the eye.....	Eye-Fix Remedy Company.....	51,526	Apr. 17	121	2317
Remedies for diseases of the digestive organs.....	S. Grover Graham Co.....	56,549	Oct. 2	124	1518
Remedies for diseases of the genital-urinary organs.....	R. H. M. MacKenzie.....	58,065	Dec. 4	125	1694
Remedies for diseases of the mucous membrane of the eyes and nose.....	A. W. Peck.....	55,949	Aug. 21	123	2620
Remedies for diseases of the throat and lungs.....	National Remedy Company.....	54,980	Aug. 7	123	1978
Remedies for diseases of the throat, lungs, and bronchial organs.....	H. Stringer.....	48,558	Jan. 2	120	319
Remedies for diseases of the throat, nasal organs, and lungs.....	C. J. Ulrici.....	52,221	May 1	122	347
Remedies for diseases of the urinary and genital organs.....	A. Horowitz.....	58,756	Dec. 25	125	2753
Remedies for dyspepsia and stomach ailments.....	Cachoid Company.....	58,392	Dec. 11	125	2043
Remedies for epilepsy.....	O. Battista.....	58,389	Dec. 11	125	2043
Remedies for fever in pill form.....	W. H. Wood.....	56,545	Oct. 2	124	1518
Remedies for gout, rheumatism, liver, kidney, and bowel troubles.....	C. S. Parker.....	58,111	Dec. 4	125	1695
Remedies for headache in liquid and powdered form.....	J. C. Ellison.....	58,787	Dec. 25	125	2754
Remedies for headaches. Internal.....	G. Van Antwerp & Son.....	51,673	Apr. 17	121	2323
Remedies for internal use.....	Chester Kent & Co.....	52,715	May 15	122	1037
Remedies for live stock and poultry.....	O. K. Stock Food Company.....	58,767	Dec. 25	125	2753
Remedies for malarial diseases.....	Paris Medicine Co.....	50,285	Mar. 6	121	334
Remedies for nerve weakness, &c.....	E. Alexander.....	58,735	Dec. 25	125	2752
Remedies for nervous disorders.....	O. Battista.....	55,936	Aug. 21	123	2620
Remedies for pulmonary diseases.....	Fischer Chemical Importing Co.....	50,368	Mar. 13	121	682
Remedies for pulmonary diseases.....	Fischer Chemical Importing Co.....	50,542	Mar. 20	121	1007
Remedies for rheumatism, &c.....	J. L. Odom.....	53,087	May 22	122	1393
Remedies for rheumatism for internal and external use.....	Hot Shot Medicine Co.....	50,789	Mar. 27	121	1343
Remedies for skin and scalp diseases.....	O. J. Hartwig.....	51,348	Apr. 10	121	1973
Remedies for stomach, intestinal, and bowel disorders.....	E. J. Hart & Co.....	52,250	May 1	122	348
Remedies for the cure of blood diseases and rheumatism.....	C. B. Mumford.....	50,942	Apr. 3	121	1662
Remedies for the cure of female diseases.....	Anderson Chemical Co.....	58,098	Dec. 4	125	1694
Remedies for the cure of rheumatism.....	J. W. Van Lissel.....	51,252	Apr. 10	121	1970
Remedies for the relief and cure of asthma, consumption, &c.....	B. C. Silver.....	51,367	Apr. 10	121	1974
Remedies for the stomach troubles of children.....	D. P. Byrne.....	55,596	Aug. 21	123	2611
Remedies for the treatment of gouty diathesis, cystitis, and pyelitis.....	Tilden Company.....	57,548	Nov. 13	125	660
Remedies for the treatment of stomach and bowel troubles.....	Tilden Company.....	57,571	Nov. 13	125	661
Remedies for treatment of the blood, kidneys, and liver. Internal.....	Alonzo O. Bliss Medical Company.....	57,133	Nov. 6	125	342
Remedies for uterine disorders.....	Schlotterbeck & Foss Co.....	57,544	Nov. 13	125	660
Remedies having tonic and alterative properties. Internal.....	H. F. Edsall.....	52,134	May 1	122	344

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Remedies. Headache	N. Lodor.....	56,764	Oct. 16	124	2174
Remedies. Headache	N. Lodor.....	56,765	Oct. 16	124	2174
Remedies. Internal.....	H. F. Edsall.....	52,133	May 1	122	344
Remedies or purifiers. Blood.....	A. L. Filleau.....	50,228	Mar. 6	121	331
Remedies. Pile.....	W. H. Gray.....	57,143	Nov. 6	125	342
Remedies. Proprietary.....	P. F. & J. A. Wellenberger.....	54,125	June 19	122	2682
Remedies. Rheumatic.....	Phillips Drug Co.....	51,088	Apr. 3	121	1669
Remedies. Throat and lung.....	D. Ransom, Son and Company.....	57,529	Nov. 13	125	660
Remedies. Topical.....	J. F. Ballard.....	51,337	Apr. 10	121	1973
Remedies. Venereal-disease.....	M. Piorkowski.....	53,894	June 12	122	2384
Remedy and tonic. Headache.....	G. C. Holden.....	48,524	Jan. 2	120	318
Remedy. Antirheumatic and gout.....	S. Penny.....	56,877	Oct. 23	124	2528
Remedy. Antiseptic.....	H. C. Pope.....	50,729	Mar. 27	121	1341
Remedy. Antizymotic.....	W. C. Hamilton.....	56,611	Oct. 9	124	1838
Remedy. Catarrh.....	Piso Company.....	50,771	Mar. 27	121	1342
Remedy. Catarrhal.....	G. Wilson.....	53,090	May 22	122	1393
Remedy. Certain named.....	G. W. Remsen.....	55,711	Aug. 21	123	2614
Remedy. Consumption.....	Piso Company.....	50,770	Mar. 27	121	1342
Remedy. Corn.....	Fowler Medicine Company.....	48,954	Jan. 16	120	897
Remedy. Croup.....	Peckham's Croup Remedy Co.....	56,619	Oct. 16	124	2171
Remedy. External.....	C. T. Mackenzie.....	49,571	Feb. 13	120	2115
Remedy. External and internal.....	D. Ransom, Son and Company.....	51,925	Apr. 24	121	2659
Remedy for anemia.....	C. Manas y Britapaja Vda de Reveron.....	57,564	Nov. 13	125	661
Remedy for anemia and nervous diseases.....	C. J. Ulrici.....	48,963	Jan. 16	120	898
Remedy for animals. External.....	B. Young.....	52,797	May 15	122	1041
Remedy for animals. External.....	A. B. Young.....	52,798	May 15	122	1041
Remedy for asthma.....	Tafts Asthmalene Company.....	50,248	Mar. 6	121	332
Remedy for asthma, catarrh, &c.....	L. D. Quinn.....	51,908	Apr. 24	121	2658
Remedy for baldness.....	W. P. Ward.....	52,502	May 8	122	723
Remedy for blood and nerve diseases.....	P. R. Palethorpe.....	49,129	Jan. 23	120	1159
Remedy for bowel complaints.....	T. P. Marshall.....	55,762	Aug. 21	123	2615
Remedy for cancer.....	C. W. Young.....	58,997	Dec. 25	125	2759
Remedy for catarrh.....	F. Clendinning.....	51,547	Apr. 17	121	2318
Remedy for catarrh.....	R. V. Pierce.....	57,539	Nov. 13	125	660
Remedy for catarrh, hay-fever, and cold in the head.....	Home Remedy Co.....	51,350	Apr. 10	121	1973
Remedy for catarrh, tuberculosis, and allied diseases.....	Medicinal Balsam Company.....	50,797	Mar. 27	121	1344
Remedy for certain named diseases.....	Capudine Chemical Company.....	48,911	Jan. 16	120	896
Remedy for certain named diseases.....	Van Vleet-Mansfield Drug Co.....	48,966	Jan. 16	120	898
Remedy for certain named diseases.....	W. R. Warner & Co.....	49,137	Jan. 23	120	1160
Remedy for certain named diseases.....	X-Zalia Corporation.....	49,178	Jan. 23	120	1161
Remedy for certain named diseases.....	Dr. M. F. Groves' Son and Co.....	49,185	Jan. 30	120	1467
Remedy for certain named diseases.....	Van Vleet-Mansfield Drug Co.....	49,504	Feb. 6	120	1818
Remedy for certain named diseases.....	Van Vleet-Mansfield Drug Co.....	49,507	Feb. 6	120	1818
Remedy for certain named diseases.....	Wells & Richardson Company.....	49,509	Feb. 6	120	1818
Remedy for certain named diseases.....	Wells & Richardson Company.....	49,538	Feb. 6	120	1820
Remedy for certain named diseases.....	Cushman Drug Co.....	49,562	Feb. 13	120	2115
Remedy for certain named diseases.....	Porter Medicine Company.....	49,579	Feb. 13	120	2116
Remedy for certain named diseases.....	T. P. Van Ness.....	49,580	Feb. 13	120	2116
Remedy for certain named diseases.....	C. L. Wells.....	51,004	Apr. 3	121	1665
Remedy for certain named diseases.....	G. C. Hanford Manufacturing Co.....	51,073	Apr. 3	121	1668
Remedy for certain named diseases.....	J. E. Hanson.....	51,171	Apr. 3	121	1672
Remedy for certain named diseases.....	R. Schiffmann Company.....	51,358	Apr. 10	121	1974
Remedy for certain named diseases.....	Eucaline Medicine Co.....	51,495	Apr. 17	121	2316
Remedy for certain named diseases.....	S. J. Dalzelle.....	52,440	May 8	122	720
Remedy for certain named diseases.....	Morr Medical Co.....	53,086	May 22	122	1393
Remedy for certain named diseases.....	Edward L. Baldwin Co.....	53,339	May 29	122	1716
Remedy for certain named diseases.....	F. J. Hartmiller.....	53,342	May 29	122	1717
Remedy for certain named diseases.....	Gerstle Medicine Co.....	53,547	June 5	122	2054
Remedy for certain named diseases.....	F. U. Kahle.....	53,601	June 5	122	2056
Remedy for certain named diseases.....	Charles N. Crutenton Company.....	53,842	June 12	122	2382
Remedy for certain named diseases.....	Ada-Iur-iem Medicine Company.....	54,318	June 26	122	2900
Remedy for certain named diseases.....	S. H. E. Hayden.....	54,619	June 26	122	3002
Remedy for certain named diseases.....	Edward L. Baldwin Co.....	54,657	June 26	122	3004
Remedy for certain named diseases.....	Krupp Remedy Co.....	54,976	Aug. 7	123	1978
Remedy for certain named diseases.....	Mueller Chemical Co.....	54,979	Aug. 7	123	1978
Remedy for certain named diseases.....	S. A. Albertus.....	54,989	Aug. 7	123	1979
Remedy for certain named diseases.....	C. I. Shoop.....	55,650	Aug. 21	123	2612
Remedy for certain named diseases.....	Anti-Uric Co.....	55,728	Aug. 21	123	2614
Remedy for certain named diseases.....	National Remedy Company.....	55,773	Aug. 21	123	2615
Remedy for certain named diseases.....	Sanatorium System Co.....	55,783	Aug. 21	123	2616
Remedy for certain named diseases.....	E. A. Billingslea.....	55,884	Aug. 21	123	2618
Remedy for certain named diseases.....	J. T. Mankin.....	55,900	Aug. 21	123	2619
Remedy for certain named diseases.....	J. C. Densten.....	56,035	Aug. 21	123	2622
Remedy for certain named diseases.....	Laxo Company.....	56,214	Sept. 4	124	313
Remedy for certain named diseases.....	Ripans Chemical Co.....	56,465	Sept. 25	124	1202
Remedy for certain named diseases.....	Ripans Chemical Co.....	56,483	Sept. 25	124	1203
Remedy for certain named diseases.....	F. F. Ingram.....	56,522	Oct. 2	124	1518
Remedy for certain named diseases.....	Navaho Indian Medicine Co.....	56,647	Oct. 16	124	2171
Remedy for certain named diseases.....	Grant's System Tonic Co.....	56,659	Oct. 16	124	2171
Remedy for certain named diseases.....	Moyer Bros.....	57,002	Oct. 30	124	2896
Remedy for certain named diseases.....	T. H. Le Dane.....	57,041	Oct. 30	124	2897
Remedy for certain named diseases.....	J. Fahrner.....	57,163	Nov. 6	125	343
Remedy for certain named diseases.....	Janes Medicine Company.....	57,510	Nov. 13	125	659
Remedy for certain named diseases.....	Drake Company.....	57,854	Nov. 27	125	1344
Remedy for certain named diseases.....	D. C. Milard.....	58,046	Dec. 4	125	1693
Remedy for certain named diseases.....	Tr. Finkler & Co. Papain.....	58,060	Dec. 4	125	1693
Remedy for certain named diseases.....	Twitchell-Champlin Co.....	58,093	Dec. 4	125	1694
Remedy for certain named diseases.....	C. Franklin.....	58,102	Dec. 4	125	1695
Remedy for certain named diseases.....	St. Jacobs Oil.....	58,117	Dec. 4	125	1695
Remedy for certain named diseases.....	R. V. Pierce.....	58,415	Dec. 11	125	2043
Remedy for certain named diseases.....	J. C. Densten.....	58,740	Dec. 25	125	2753
Remedy for certain named diseases.....	E. Morin.....	58,764	Dec. 25	125	2753
Remedy for certain named diseases.....	Camphoroid Co.....	58,825	Dec. 25	125	2755
Remedy for certain named diseases.....	M. I. Dodson.....	58,826	Dec. 25	125	2755
Remedy for chicken cholera, roup, and limberneck.....	J. R. Crume.....	48,917	Jan. 16	120	896

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Remedy for children's colic and cholera infantum.	J. C. Franklin's Sons & Co.	49,809	Feb. 20	129	2434
Remedy for chills and fever.	J. P. Smith.	54,684	June 26	122	3005
Remedy for chills, fever and ague, and malarial diseases.	Dr. Decker Medicine Co.	50,365	Mar. 13	121	682
Remedy for cholera.	Pratt Food Company.	58,710	Dec. 25	125	2752
Remedy for colic, cholera, diarrhea, and like complaints.	Chamberlain Medicine Co.	50,363	Mar. 13	121	682
Remedy for complaints peculiar to females.	R. V. Pierce.	58,414	Dec. 11	125	2043
Remedy for constipation.	J. J. Brennan.	53,200	May 29	122	1717
Remedy for consumption.	J. Nierhaus.	55,644	Aug. 21	123	2612
Remedy for corns.	F. Danner.	58,854	Dec. 25	125	2756
Remedy for corns, bunions, and ingrown nails.	Stafford Drug Co. of Baltimore City.	53,940	June 12	122	2386
Remedy for coughs and ailments of the throat and lungs.	Van Vleet-Mansfield Drug Co.	48,902	Jan. 16	120	895
Remedy for coughs and colds.	O. C. B. Grom.	54,058	June 19	122	2679
Remedy for coughs, colds, croup, and consumption.	C. B. Mumford.	49,215	Jan. 30	120	1468
Remedy for croup and colds.	R. P. Menard.	50,791	Mar. 27	121	1343
Remedy for croup, coughs, and bronchial affections.	C. V. Dorman.	53,594	June 5	122	2056
Remedy for cutaneous diseases and veterinary use.	Potter Drug & Chemical Corporation.	58,956	Dec. 25	125	2758
Remedy for diabetes.	Renal Pharmacal Co.	50,289	Mar. 6	121	334
Remedy for diseases of stock and poultry.	W. S. Brown.	57,208	Nov. 6	125	344
Remedy for diseases of swine, particularly hog-cholera.	Southern Hog Remedy Co.	53,530	May 29	122	1717
Remedy for diseases of the eye.	National Eye Remedy Co.	58,084	Dec. 4	125	1694
Remedy for diseases of the liver.	Peacock Chemical Company.	53,867	June 12	122	2383
Remedy for diseases of the liver and digestive tract.	Highland Drug Company.	51,651	Apr. 17	121	2322
Remedy for diseases of the lungs.	A. Horowitz.	58,531	Dec. 25	125	2755
Remedy for diseases of the respiratory organs.	J. Jungmann.	53,920	June 12	122	2385
Remedy for diseases of the respiratory organs.	Dr. D. Jayne & Son.	57,165	Nov. 6	125	343
Remedy for diseases of the skin and scalp.	E. W. Rose.	57,066	Oct. 30	124	2898
Remedy for diseases of women.	Gerstle Medicine Co.	48,852	Jan. 16	120	894
Remedy for diseases peculiar to women. Proprietary.	French Drug Company.	49,072	Jan. 23	120	1157
Remedy for distemper.	Daggett Remedy Company.	51,605	Apr. 17	121	2320
Remedy for dropsy.	E. Henke.	52,454	May 8	122	721
Remedy for dyspepsia.	F. C. Saunders.	58,807	Dec. 25	125	2754
Remedy for epilepsy.	A. K. Mandis.	50,241	Mar. 6	121	332
Remedy for exterminating parasites.	H. E. Bowles.	53,876	June 12	122	2383
Remedy for external application to animals. Certain proprietary.	Brandreth Co.	51,632	Apr. 17	121	2321
Remedy for fevers.	Pratt Food Company.	58,416	Dec. 11	125	2043
Remedy for gall-stone.	K. Weinreben.	55,794	Aug. 21	123	2616
Remedy for headache, neuralgia, and nervousness.	J. G. Munson.	49,534	Feb. 6	120	1819
Remedy for headaches and liver disorders.	J. G. Baker.	51,492	Apr. 17	121	2316
Remedy for hog-cholera.	J. J. Pater.	50,793	Mar. 27	121	1343
Remedy for hog-cholera and kindred swine diseases.	W. E. Vincent.	56,534	Oct. 2	124	1518
Remedy for impoverished blood and nerves.	I. Croteau.	54,035	June 19	122	2678
Remedy for indigestion.	Voigt & Co.	53,212	May 29	122	1711
Remedy for indigestion.	R. Dregen.	55,738	Aug. 21	123	2615
Remedy for inflammation.	B. F. Miner.	52,466	May 8	122	721
Remedy for influenza and grippe.	Sydney Ross Co.	58,811	Dec. 25	125	2754
Remedy for internal and external use.	Texine Medicine Company.	58,119	Dec. 4	125	1695
Remedy for internal or external use.	Curtis & Brown Manufacturing Company.	48,680	Jan. 9	120	649
Remedy for leprosy and diseases of the blood.	A. F. Toro.	54,996	Aug. 7	123	1979
Remedy for liver and bowel ailments. Liquid.	H. Jayess Remedy Co.	52,252	May 1	122	348
Remedy for liver and blood troubles.	R. M. Carlisle.	56,268	Sept. 4	124	314
Remedy for malaria, chills, and fever.	F. S. Ott.	51,354	Apr. 10	121	1974
Remedy for nasal, throat, and lung diseases.	T. N. Kenyon.	57,512	Nov. 13	125	660
Remedy for pain in crayon form.	J. D. McLaren.	49,289	Jan. 30	120	1471
Remedy for pneumonia.	Gowan Medical Co.	54,617	June 26	122	3002
Remedy for remittent and pernicious malarial fevers.	H. K. Mulford Company.	51,648	Apr. 17	121	2322
Remedy for rheumatism.	C. Carow.	49,850	Feb. 20	120	2435
Remedy for rheumatism.	O. C. Brown.	56,442	Sept. 25	124	1202
Remedy for rheumatism and gout.	E. Bischoff.	53,066	May 22	122	1392
Remedy for rheumatism and gout.	F. S. Mason.	58,800	Dec. 25	125	2754
Remedy for rheumatism and gout.	F. S. Mason.	58,801	Dec. 25	125	2754
Remedy for skin diseases.	G. A. Coleman.	51,339	Apr. 10	121	1973
Remedy for skin diseases.	J. P. Morris.	54,607	June 26	122	3002
Remedy for skin diseases.	Duzzit Company.	58,749	Dec. 25	125	2753
Remedy for skin diseases and eruptions.	A. B. Richards.	55,620	Aug. 21	123	2611
Remedy for stomach, liver and kidney, diseases.	W. E. Crow.	58,784	Dec. 25	125	2754
Remedy for stomach trouble.	C. G. Pratt.	57,228	Nov. 6	125	344
Remedy for the ailments of birds.	F. Kaempfer.	57,862	Nov. 27	125	1345
Remedy for the cure of epileptic fits.	J. Abrams.	58,732	Dec. 25	125	2752
Remedy for the cure of heaves in horses.	Mineral Heave Remedy Co.	55,617	Aug. 21	123	2611
Remedy for the cure of liver complaints, constipation, and biliousness.	J. Jungmann.	50,376	Mar. 13	121	683
Remedy for the cure of rheumatism.	Van Vleet-Mansfield Drug Co.	48,967	Jan. 16	120	898
Remedy for the cure of St. Vitus' dance or chorea.	S. W. Mackrell.	52,784	May 15	122	1040
Remedy for the nerves.	B. H. Bacon Co.	49,462	Feb. 6	120	1816
Remedy for the nerves.	B. H. Bacon Co.	51,011	Apr. 3	121	1665
Remedy for the treatment and prevention of diseases peculiar to women.	J. M. Oldfield.	52,789	May 15	122	1040
Remedy for the treatment of the feet.	A. F. Pierce.	54,982	Aug. 7	123	1979
Remedy for throat affections.	Glessner Medicine Co.	50,020	Feb. 27	120	2748
Remedy. Headache.	Lewis Pharmacal Co.	50,575	Mar. 20	121	1008
Remedy. Headache.	C. B. Hudon.	52,779	May 15	122	1040
Remedy. Headache.	C. S. A. Chemical Co.	54,099	June 19	122	2681
Remedy. Herb.	Alonzo O. Bliss Medical Company.	57,843	Nov. 27	125	1344
Remedy in liquid and pill form. Pulmonary-cough.	Lester H. Greene Co.	55,693	Aug. 21	123	2613
Remedy. Laxative.	McKesson & Robbins.	53,930	June 12	122	2385
Remedy. Liquid.	E. A. Neer.	48,689	Jan. 9	120	650
Remedy. Liquid.	G. M. Sloat.	49,815	Feb. 20	120	2434
Remedy. Liquid rheumatic.	M. W. Monaghan.	51,191	Apr. 10	121	1967
Remedy. Liver.	A. C. Simmons Jr. Medicine Co.	51,490	Apr. 17	121	2315
Remedy. Neuralgia and headache.	Frederick Stearns & Co.	53,077	May 22	122	1393
Remedy. Neuralgia and headache.	Frederick Stearns & Co.	53,078	May 22	122	1393
Remedy. Pile.	L. B. Transue.	49,554	Feb. 6	120	1820

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Remedy. Proprietary.....	Dr. Kilmer & Co.....	48,797	Jan. 16	120	892
Remedy. Proprietary.....	Dr. Kilmer & Co.....	48,798	Jan. 16	120	892
Remedy. Proprietary.....	Dr. Kilmer & Co.....	48,799	Jan. 16	120	892
Remedy. Proprietary.....	Dr. Kilmer & Co.....	48,800	Jan. 16	120	892
Remedy. Proprietary.....	Dr. Kilmer & Co.....	48,801	Jan. 16	120	892
Remedy. Tonic.....	T. A. Miller.....	52,253	May 1	122	348
Remedy. Toothache.....	Charles N. Crittenton Company.....	53,845	June 12	122	2382
Remedy. Toothache.....	Charles N. Crittenton Company.....	53,846	June 12	122	2382
Respirators.....	H. S. Cover.....	50,461	Mar. 20	121	1004
Revolvers.....	Smith & Wesson.....	55,250	Aug. 7	123	1986
Revolvers.....	Smith & Wesson.....	55,251	Aug. 7	123	1986
Revolvers, pistols, rifles, and shotguns.....	Harrington & Richardson Arms Co.....	56,276	Sept. 4	124	315
Revolvers, pistols, rifles, and shotguns.....	Harrington & Richardson Arms Co.....	56,277	Sept. 4	124	315
Revolvers, pistols, rifles, and shotguns.....	Harrington & Richardson Arms Co.....	58,257	Dec. 11	125	2039
Revolvers, pistols, rifles, and shotguns.....	Harrington & Richardson Arms Co.....	58,365	Dec. 11	125	2042
Rheumatic cure.....	Old Veteran Rheumatic Cure Company.....	50,243	Mar. 6	121	332
Rheumatic cure.....	Renal Pharmacal Company.....	50,288	Mar. 6	121	334
Rheumatism cure.....	J. L. Smedley.....	52,792	May 15	122	1040
Rheumatism cure.....	J. B. Cromley.....	53,593	June 5	122	2056
Rheumatism cure.....	A. V. Garrison.....	55,681	Aug. 21	123	2613
Ribbon.....	New York Merchandise Company.....	55,121	Aug. 7	123	1982
Ribbon, ribbon-bows, and galloon-bindings.....	M. B. Martine.....	50,381	Mar. 13	121	683
Ribbons.....	Passavant & Co.....	51,087	Apr. 3	121	1669
Ribbons.....	Passavant & Co.....	51,248	Apr. 10	121	1969
Ribbons.....	Smith & Kaufmann.....	52,378	May 8	122	717
Ribbons.....	Vischer & Co.....	53,615	June 5	122	2057
Ribbons.....	Vischer & Co.....	53,651	June 5	122	2058
Ribbons.....	S. Eiseman & Company.....	54,243	June 26	122	2987
Ribbons.....	Aitken, Son & Co.....	54,914	Aug. 7	123	1977
Ribbons.....	Kohn, Adler & Co.....	54,940	Aug. 7	123	1977
Ribbons.....	Pine Tree Silk Mills Company.....	55,780	Aug. 21	123	2616
Ribbons.....	Smith & Kaufmann.....	57,297	Nov. 13	125	564
Ribbons.....	Smith & Kaufmann.....	57,313	Nov. 13	125	654
Ribbons.....	Vischer & Co.....	58,292	Dec. 11	125	2040
Ribbons.....	W. Sarasin & Co.....	58,377	Dec. 11	125	2042
Ribbons.....	W. Sarasin & Co.....	58,378	Dec. 11	125	2042
Ribbons. Velvet.....	W. Openhym & Sons.....	51,686	Apr. 24	121	2649
Rice.....	Dolan Mercantile Co.....	52,515	May 8	122	723
Rice.....	Griggs, Cooper & Company.....	56,164	Aug. 28	123	2970
Rice.....	Wall Rice Milling Co.....	57,085	Oct. 30	124	2898
Rice. Prepared.....	American Cereal Company.....	56,706	Oct. 16	124	2172
Rice. Prepared.....	American Cereal Company.....	56,707	Oct. 16	124	2172
Rice. Prepared.....	American Cereal Company.....	56,708	Oct. 16	124	2173
Rifles and guns.....	Colt's Patent Fire Arms Manufacturing Company.....	58,249	Dec. 11	125	2039
Rifles and guns.....	Colt's Patent Fire Arms Manufacturing Company.....	58,277	Dec. 11	125	2040
Rifles and guns.....	Colt's Patent Fire Arms Manufacturing Company.....	58,278	Dec. 11	125	2040
Rifles, shotguns, and revolvers.....	H. Keidel.....	49,713	Feb. 13	120	2121
Rings.....	Warren & Williams.....	52,824	May 15	122	1042
Rings.....	A. Tanzer.....	53,326	June 5	122	2053
Rings. Bone.....	Rogers & Hubbard Co.....	51,274	Apr. 10	121	1970
Rings. Finger.....	W. Loeb & Co.....	50,009	Feb. 27	120	2748
Rings. Finger.....	Ostby and Barton Co.....	57,296	Nov. 13	125	654
Rings. Finger.....	J. B. Bowden & Co.....	58,362	Dec. 11	125	2042
Rings. Gold.....	S. W. Lindsay.....	50,980	Apr. 3	121	1664
Rings. Gold finger.....	J. R. Wood & Sons.....	53,819	June 12	122	2381
Rings. Gold-plated.....	F. H. Sadler Co.....	49,496	Feb. 6	120	1818
Rings. Solid-gold finger.....	Peckham Seamless Ring Mfg. Co.....	51,152	Apr. 3	121	1671
Rivet and screw bolts.....	American Iron & Steel Mfg Co.....	49,117	Jan. 23	120	1159
Rivets.....	Low Moor Company.....	51,189	Apr. 10	121	1967
Rivets.....	Judson L. Thomson Mfg. Co.....	55,076	Aug. 7	123	1981
Rivets, washers, and burs of copper or brass.....	Plume & Atwood Mfg. Co.....	55,122	Aug. 7	123	1982
Roach and bug destroyer.....	M. H. Greenfield.....	55,748	Aug. 21	123	2615
Rock and rye.....	P. J. Bowlin Liquor Co.....	51,567	Apr. 17	121	2318
Rock and rye.....	P. J. Bowlin Liquor Co.....	52,650	May 15	122	1035
Rock and rye.....	Hannah & Hogg.....	58,256	Dec. 11	125	2039
Rock and rye.....	Theobald & Son Co.....	58,267	Dec. 11	125	2039
Rock-crushers.....	Samson Manufacturing Company.....	49,598	Feb. 13	120	2116
Rock-crushers.....	Climax Road Machine Co.....	53,973	June 19	122	2676
Roofing and waterproofing material.....	National Coal Tar Co.....	49,290	Jan. 30	120	1471
Roofing. Asphalt.....	Stowell Manufacturing Company.....	50,423	Mar. 13	121	685
Roofing. Asphalt.....	Stowell Manufacturing Company.....	50,424	Mar. 13	121	685
Roofing compound made from coal-tar products. Liquid.....	E. C. Evans.....	54,444	June 26	122	2995
Roofing-felt.....	Barrett Manufacturing Company.....	51,437	Apr. 17	121	2313
Roofing. Felt and paper.....	C. T. Carruth.....	53,590	June 5	122	2056
Roofing-felt. Tarred.....	W. H. Rankin Company.....	51,305	Apr. 10	121	1972
Roofing material.....	Eastern Granite Roofing Company.....	53,656	June 12	122	2375
Roofing-plates. Sheet-metal.....	R. J. Hyndman.....	50,815	Apr. 3	121	1657
Roofing. Prepared sheet-felt.....	Asbestos Manufacturing and Roofing Co.....	52,690	May 15	122	1036
Roofing. Ready felt.....	Buchanan Foster Company.....	50,849	Apr. 3	121	1658
Roofing. Ready felt.....	National Coal Tar Company.....	55,399	Aug. 14	123	2302
Roofing. Ready tar-and-felt.....	Barrett Manufacturing Company.....	50,360	Mar. 13	121	682
Roofing. Ready tar-and-felt.....	Barrett Manufacturing Company.....	52,691	May 15	122	1036
Roofing. Ready tar-and-felt.....	Barrett Manufacturing Company.....	56,950	Oct. 30	124	2691
Roofing, ridges, conductor-pipes, &c. Metal.....	Klauer Mfg. Co.....	57,968	Dec. 4	125	1691
Roofing, sheathing, waterproofing, and building felt.....	Barrett Manufacturing Company.....	55,919	Aug. 21	123	2619

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Roofing. Sheet-metal.....	Protected Metal Company.....	57,415	Nov. 13	125	657
Roofing. Sheet-metal.....	Protected Metal Company.....	57,472	Nov. 13	125	658
Roofing-slate. Particular brand of.....	R. F. Schaeffer.....	56,260	Sept. 4	124	314
Roofing-slates.....	Old Bangor Slate Company.....	55,510	Aug. 14	123	2305
Roofing-tiles. Clay.....	Ludowici Roofing Tile Company.....	55,132	Aug. 7	123	1983
Root-canal filling.....	W. H. Leak.....	52,463	May 8	122	721
Rope.....	Columbian Rope Company.....	50,586	Mar. 27	121	1335
Rope and twine. Fibrous.....	Plymouth Cordage Company.....	48,715	Jan. 9	120	650
Rope and twine. Fibrous and textile.....	Plymouth Cordage Company.....	54,721	June 26	122	3007
Rope and twine. Fibrous or textile.....	Plymouth Cordage Company.....	48,716	Jan. 9	120	650
Rope and twine. Fibrous or textile.....	Plymouth Cordage Company.....	48,717	Jan. 9	120	651
Rope and twine manufactured from vegetable fiber.....	American Manufacturing Com- pany.....	55,960	Aug. 21	123	2620
Rope-clips.....	American Hoist & Derrick Com- pany.....	50,804	Apr. 3	121	1657
Rope, cord, and twine.....	Schlichter Jute Cordage Co.....	48,743	Jan. 9	120	652
Rope, cord, and twine. Vegetable-fiber.....	R. Rochester.....	54,252	June 26	122	2988
Rope, cord, lines, and twine.....	American Manufacturing Com- pany.....	57,434	Nov. 13	125	657
Rope, cord, lines, and twine manufactured from vegetable fiber.....	American Manufacturing Com- pany.....	55,961	Aug. 21	123	2620
Rope, cord, lines, and twine manufactured from vegetable fiber.....	American Manufacturing Com- pany.....	55,962	Aug. 21	123	2620
Rope, cord, twine, clothes, chalk, plow, binding, and wrapping lines.....	Hoffman-Corr Mfg. Co.....	58,189	Dec. 11	125	2037
Ropes, cords, twine, and binder-twine.....	International Harvester Co. of America.....	51,819	Apr. 24	121	2655
Ropes, cords, twines, and lines.....	Silver Lake Company.....	54,345	June 26	122	2991
Ropes, yarns, twines, and cords.....	Plymouth Cordage Company.....	56,622	Oct. 9	124	1839
Rubber bags and pouches. India.....	Continental Caoutchouc Com- pany.....	51,439	Apr. 17	121	2313
Rubber bags and pouches. India.....	Continental Caoutchouc Com- pany.....	51,760	Apr. 24	121	2652
Rubber belting.....	Gorham Rubber Company.....	52,068	May 1	122	341
Rubber belting.....	Speck, Marshall & Co.....	52,822	May 15	122	1042
Rubber belting.....	Carolina Supply Company.....	56,063	Aug. 21	123	2623
Rubber binding. India.....	Knapp Rubber Binding Co.....	51,937	Apr. 24	121	2659
Rubber binding. India.....	Knapp Rubber Binding Co.....	51,938	Apr. 24	121	2659
Rubber binding. India.....	Knapp Rubber Binding Company.....	55,085	Aug. 7	123	1981
Rubber boots and shoes.....	Lambertville Rubber Company.....	51,711	Apr. 24	121	2650
Rubber boots and shoes.....	Goodyear Rubber Company.....	54,709	June 26	122	3006
Rubber boots and shoes.....	Hood Rubber Co.....	55,075	Aug. 7	123	1981
Rubber boots and shoes.....	W. S. Nott Company.....	57,840	Nov. 27	125	1344
Rubber boots and shoes.....	Akron Rubber Shoe Company.....	58,619	Dec. 18	125	2352
Rubber. Boots and shoes made wholly or in part of.....	Haynes, Sparrell & Co.....	56,239	Sept. 4	124	314
Rubber boots and shoes of all kinds.....	Rice & Hutchins.....	54,525	June 26	122	2999
Rubber boots, shoes, and galoshes.....	Ostasiatische Handels-Gesell- schaft.....	54,475	June 26	122	2997
Rubber boots, shoes, and overshoes.....	M. D. Wells Co.....	54,833	July 31	123	1658
Rubber boots, shoes, and sandals.....	Bentley & Olmsted Company.....	51,069	Apr. 3	121	1668
Rubber bulb and fountain syringes. Soft.....	American Hard Rubber Co.....	54,262	June 26	122	2988
Rubber collars.....	Parsons & Parsons.....	57,818	Nov. 27	125	1344
Rubber combs.....	American Hard Rubber Co.....	51,883	Apr. 17	121	2311
Rubber combs.....	American Hard Rubber Co.....	51,412	Apr. 17	121	2312
Rubber combs.....	American Hard Rubber Co.....	51,413	Apr. 17	121	2312
Rubber combs.....	American Hard Rubber Co.....	51,696	Apr. 24	121	2650
Rubber combs.....	American Hard Rubber Co.....	51,720	Apr. 24	121	2651
Rubber combs. Hard.....	American Hard Rubber Co.....	51,721	Apr. 24	121	2651
Rubber combs. Hard.....	American Hard Rubber Co.....	52,085	May 1	122	342
Rubber combs. Hard.....	American Hard Rubber Co.....	52,086	May 1	122	342
Rubber combs. Hard.....	American Hard Rubber Co.....	55,361	Dec. 11	125	2048
Rubber erasers.....	Eagle Pencil Company.....	49,951	Feb. 27	120	2746
Rubber erasers.....	E. G. Soltmann.....	57,069	Oct. 30	124	2898
Rubber goods. Certain named.....	Faultless Rubber Co.....	53,171	May 29	122	1710
Rubber goods. Certain named.....	Goodyear Tire and Rubber Com- pany.....	57,590	Nov. 13	125	662
Rubber goods. Certain named.....	Rubber Clothing Company.....	58,322	Dec. 11	125	2041
Rubber heels.....	Thompson-Ehlers Company.....	55,409	Aug. 14	123	2303
Rubber heels and soles.....	Massachusetts Chemical Com- pany.....	49,159	Jan. 23	120	1160
Rubber heels for boots and shoes.....	P. W. Minor & Son.....	50,206	Mar. 6	121	330
Rubber hose.....	Mulconroy Co.....	51,193	Apr. 10	121	1967
Rubber hose.....	Mulconroy Co.....	51,194	Apr. 10	121	1967
Rubber hose.....	Speck, Marshall & Co.....	52,821	May 15	122	1042
Rubber hose.....	Gorham Rubber Company.....	54,550	June 26	122	3000
Rubber in sheet form. Reclaimed.....	U. S. Rubber Reclaiming Works of New York.....	51,410	Apr. 17	121	2312
Rubber. Liquids in the nature of.....	Standard Paint Company.....	56,799	Oct. 16	124	2175
Rubber nipples for nursing-bottles.....	Seamless Rubber Co.....	50,162	Mar. 6	121	329
Rubber overshoes.....	Adams and Ford Company.....	48,598	Jan. 2	120	321
Rubber overshoes.....	Emergency Rubber Co.....	57,803	Nov. 27	125	1343
Rubber packing, gaskets, disks, rings, and washers.....	A. B. Jenkins.....	54,081	June 19	122	2680
Rubber packing, gaskets, disks, rings, and washers.....	A. B. Jenkins.....	54,209	June 19	122	2685
Rubber packing, gaskets, disks, rings, and washers.....	A. B. Jenkins.....	56,612	Oct. 9	124	1838
Rubber. Reclaimed.....	U. S. Rubber Reclaiming Works of New York.....	52,743	May 15	122	1038
Rubber. Reclaimed.....	U. S. Rubber Reclaiming Works of New York.....	52,744	May 15	122	1038
Rubber. Reclaimed.....	U. S. Rubber Reclaiming Works of New York.....	52,745	May 15	122	1038
Rubber. Reclaimed.....	S. & L. Rubber Company.....	57,927	Dec. 4	125	1690
Rubber. Restored or devulcanized.....	Philadelphia Rubber Works.....	49,481	Feb. 6	120	1817
Rubber soles, heels, and protectors for boots and shoes.....	Pneumatic Rubber Sole and Heel Syndicate.....	57,836	Nov. 27	125	1344
Rubber stair-nosings. India.....	Knapp Rubber Binding Co.....	51,896	Apr. 24	121	2658
Rubber stair-nosings. India.....	Knapp Rubber Binding Co.....	51,897	Apr. 24	121	2658

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Rubber stair-nosings. India-.....	Knapp Rubber Binding Company.	55,086	Aug. 7	123	1981
Rubber substitutes.....	Dermatine Company.....	50,018	Feb. 27	120	2748
Rubber syringes. Hard.....	American Hard Rubber Co.....	51,860	Apr. 24	121	2656
Rubber syringes. Hard.....	American Hard Rubber Co.....	54,350	June 26	122	2991
Rubber syringes. Hard.....	American Hard Rubber Co.....	57,771	Nov. 27	125	1342
Rubber water-bags and water-bottles.....	Seamless Rubber Co.....	50,027	Feb. 27	120	2749
Rubbers and rubber boots. Lumbermen's.....	L. P. Ross.....	51,099	Apr. 3	121	1669
Rugs.....	Read Carpet Company.....	49,743	Feb. 13	120	2122
Rugs.....	McCleary, Wallin & Crouse.....	53,927	June 12	122	2385
Rugs.....	Hartford Carpet Corporation.....	54,105	June 19	122	2681
Rugs, art squares, and matting made of grass twine.....	Oshkosh Grass Matting Co.....	51,533	Apr. 17	121	2317
Rugs, art squares, and matting made of grass twine.....	Oshkosh Grass Matting Co.....	51,906	Apr. 24	121	2658
Rugs. Brussels.....	Schofield, Mason & Co.....	55,008	Aug. 7	123	1979
Rules, yardsticks, board-measures, and log-measures.....	Chapin-Stephens Company.....	51,545	Apr. 17	121	2318
Rum.....	H. R. Myers.....	55,699	Aug. 21	123	2614
Rum. Jamaica.....	W. A. Taylor & Co.....	53,612	June 5	122	2057
Rum. Medford.....	Hannah & Hogg.....	58,343	Dec. 11	125	2041
Rums and arracks.....	C. F. Lauber.....	58,311	Dec. 11	125	2041
Rusks.....	Holland Rusk Co.....	49,656	Feb. 13	120	2118
Rusks.....	Eerkes-Van Der Maaten Co.....	55,240	Aug. 7	123	1985
Sad-irons.....	Dover Mfg. Co.....	55,057	Aug. 7	123	1981
Sad-irons and heaters. Electric.....	W. J. Barr Mfg. Co.....	57,156	Nov. 6	125	343
Saddles.....	R. T. Frazier.....	55,852	Aug. 21	123	2618
Safes.....	Herring-Hall-Marvin Safe Company.....	52,827	May 22	122	1383
Safes.....	Herring-Hall-Marvin Safe Company.....	54,280	June 26	122	2989
Safes.....	Herring-Hall-Marvin Safe Company.....	54,710	June 26	122	3006
Safes.....	Herring-Hall-Marvin Safe Company.....	56,278	Sept. 4	124	315
Safes.....	Herring-Hall-Marvin Safe Company.....	56,279	Sept. 4	124	315
Safes.....	Herring-Hall-Marvin Safe Company.....	56,287	Sept. 4	124	315
Safes, vault-doors, and safe-deposit boxes. Fire and burglar proof.....	Hall's Safe Company.....	55,067	Aug. 7	123	1981
Salad-dressing.....	Sprague, Warner & Company.....	55,834	Aug. 21	123	2617
Salad-dressing and sauces.....	E. R. Durkee & Co.....	51,127	Apr. 3	121	1670
Salad-dressing and sauces.....	E. R. Durkee & Co.....	55,239	Aug. 7	123	1985
Salmon, shrimp, lobsters, and clams.....	E. T. Smith Company.....	57,587	Nov. 13	125	662
Salt.....	Francis H. Leggett & Company.....	49,519	Feb. 6	120	1819
Salt.....	P. J. L. Searing.....	52,963	May 22	122	1388
Salt.....	Brown & Shaw.....	53,777	June 12	122	2379
Salt.....	Crystaline Salt Company.....	54,199	June 19	122	2685
Salt.....	P. J. L. Searing.....	54,212	June 19	122	2685
Salt.....	Wilkinson, Gaddis & Co.....	54,590	June 26	122	3001
Salt for nerving preparations. Soluble.....	Chelf Chemical Co.....	57,210	Nov. 6	125	344
Salt for nerving preparations. Soluble effervescent.....	Chelf Chemical Co.....	55,972	Aug. 21	123	2621
Salt. Granular effervescent.....	H. K. Mulford Company.....	51,650	Apr. 17	121	2322
Salt. Table and dairy.....	Diamond Crystal Salt Co.....	58,398	Dec. 11	125	2043
Salve.....	E. G. Harrell.....	48,684	Jan. 9	120	649
Salve.....	Aid-Ant Remedy Co.....	48,905	Jan. 16	120	896
Salve.....	Bickmore Gall Cure Company.....	50,712	Mar. 27	121	1340
Salve.....	J. H. Patten.....	51,041	Apr. 3	121	1667
Salve.....	Covillea Tridentata Mfg. Co.....	55,671	Aug. 21	123	2613
Salve.....	Hutchins Eczema Salve Company.....	56,334	Sept. 11	124	620
Salve.....	Bickmore Gall Cure Company.....	56,600	Oct. 9	124	1838
Salve.....	Bickmore Gall Cure Company.....	56,601	Oct. 9	124	1838
Salve.....	H. Holmes.....	58,795	Dec. 25	125	2754
Salve.....	M. Digel.....	58,917	Dec. 25	125	2757
Salve.....	Potter Drug & Chemical Corporation.....	58,957	Dec. 25	125	2758
Salve and ointment.....	E. J. Koernlein.....	48,549	Jan. 2	120	319
Salve. Corn.....	Kohler Manufacturing Co.....	55,760	Aug. 21	123	2615
Salve. Eye.....	E. E. Sutherland Medicine Co.....	54,073	June 19	122	2680
Salve for cure of freckles.....	J. J. Kline.....	53,921	June 12	122	2385
Salve for sore eyes.....	E. E. Sutherland Medicine Co.....	54,275	June 26	122	2988
Salve for treatment of boils and carbuncles.....	Carboil Salve Co.....	56,318	Sept. 11	124	619
Salve. Green.....	H. J. Baker.....	53,195	May 29	122	1711
Salve. Healing.....	W. L. King.....	58,760	Dec. 25	125	2753
Salve or ointment.....	Bickmore Gall Cure Company.....	53,198	May 29	122	1711
Salve. Pile.....	Van Vleet-Mansfield Drug Co.....	48,903	Jan. 16	120	895
Salves.....	Wi-da-me Company.....	48,969	Jan. 16	120	898
Salves.....	Wonderful Dream Salve Co.....	50,955	Apr. 3	121	1663
Salves.....	Ward Salve Co.....	51,254	Apr. 10	121	1970
Salves.....	Presto Pharmacal Company.....	51,620	Apr. 17	121	2321
Salves.....	W. R. Lott.....	58,409	Dec. 11	125	2043
Salves and ointments.....	C. F. York.....	58,781	Dec. 25	125	2754
Salves, liniments, and porous strengthening-plasters.....	E. Dort.....	54,304	June 26	122	2990
Salves, ointments, corn cure, and liniment.....	Tempest Salve Company.....	58,993	Dec. 25	125	2759
Salves, ointments, or unguents containing carbolic acid as an ingredient.....	J. W. Cole & Co.....	55,975	Aug. 21	123	2621
Sardines.....	Von Bremen, MacMonnies & Co.....	50,634	Mar. 27	121	1337
Sardines.....	R. J. Rogers.....	58,200	Dec. 11	125	2038
Sardines and like fish.....	Wells, Stone & Co.....	48,468	Jan. 2	120	316
Sardines and other preserved fish.....	M. Pita y Cia. S. en C.....	55,781	Aug. 21	123	2616
Sardines. Canned.....	U. H. Dudley & Company.....	55,739	Aug. 21	123	2615
Sarsaparilla.....	Langman & Kemp.....	52,456	May 8	122	721
Sarsaparilla.....	Cantrell & Cochrane.....	55,235	Aug. 7	123	1985
Sarsaparilla.....	J. Paradis.....	55,618	Aug. 21	123	2611
Sarsaparilla extract.....	Nostrand Trading Co.....	52,813	May 15	122	1041
Sarsaparilla extract.....	Nostrand Trading Co.....	52,814	May 15	122	1041
Sarsaparilla extract.....	Nostrand Trading Co.....	52,815	May 15	122	1041
Sarsaparilla. Fluid extract of.....	National Remedy Company.....	56,047	Aug. 21	123	2623
Sash adjusters and locks. Combination.....	L. Petraccione.....	53,009	May 22	122	1390

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Sauce.....	Gebhardt Chili Powder Co.....	56,826	Oct. 23	124	2527
Sauce, Cocktail.....	C. I. Morey.....	52,180	May 1	122	345
Sauce for spaghetti.....	E. Picchianti.....	51,042	Apr. 3	121	1667
Sauce, Pepper.....	E. McIlhenny's Sons.....	53,928	June 12	122	2385
Sauce, Pepper.....	E. McIlhenny's Sons.....	53,929	June 12	122	2385
Sauce, Table.....	E. A. Wright.....	57,668	Nov. 27	125	1340
Sauce, Tomato.....	L. Balbi & Co.....	54,569	June 26	122	3000
Sauce, Vegetable.....	F. F. Plank.....	54,175	June 19	122	2684
Sauces.....	Wm. Henning Co.....	54,887	July 31	123	1660
Sauces.....	Batty & Co.....	56,582	Oct. 9	124	1838
Sauces and relishes.....	Red Snapper Sauce Co.....	50,385	Mar. 13	121	683
Sauces, Table.....	Griggs, Cooyer & Company.....	56,113	Aug. 28	123	2969
Sauer-kraut.....	J. G. McCaskey.....	52,155	May 1	122	344
Sauer-kraut.....	Clyde Kraut Company.....	55,169	Aug. 7	123	1984
Sausage-filler.....	Koch Butchers' Supply Company.....	56,352	Sept. 18	124	901
Sausage-stuffers and lard-presses.....	National Specialty Manufacturing Co.....	49,867	Feb. 20	120	2436
Sausages.....	B. Frankfeld & Co.....	51,464	Apr. 17	121	2314
Sausages.....	Rohe & Brother.....	55,989	Aug. 21	123	2621
Sausages.....	Gomprecht Sausage Company.....	58,581	Dec. 18	125	2357
Sausages.....	Jones Dairy Farm.....	58,590	Dec. 18	125	2357
Sausages.....	Jones Dairy Farm.....	58,648	Dec. 18	125	2358
Saw and nail sets.....	Hibbard, Spencer, Bartlett & Company.....	56,923	Oct. 23	124	2530
Saw sets, jointers, and gages.....	G. Y. Anderson.....	54,156	June 19	122	2683
Saw-swages.....	Henry Disston & Sons.....	49,711	Feb. 13	120	2121
Saws.....	E. C. Atkins & Company.....	48,453	Jan. 2	120	315
Saws.....	Henry Disston & Sons.....	49,399	Feb. 6	120	1814
Saws.....	Henry Disston & Sons.....	49,400	Feb. 6	120	1814
Saws.....	Henry Disston & Sons.....	49,401	Feb. 6	120	1814
Saws.....	Henry Disston & Sons.....	49,402	Feb. 6	120	1814
Saws.....	Henry Disston & Sons.....	49,403	Feb. 6	120	1814
Saws.....	Henry Disston & Sons.....	49,654	Feb. 13	120	2118
Saws.....	G. N. Clemson.....	50,640	Mar. 27	121	1337
Saws.....	J. N. Eberle & Co.....	53,119	May 29	122	1708
Saws.....	Henry Disston & Sons.....	53,678	June 12	122	2376
Saws.....	Henry Disston & Sons.....	53,699	June 12	122	2377
Saws.....	Henry Disston & Sons.....	53,700	June 12	122	2377
Saws.....	Henry Disston & Sons.....	53,701	June 12	122	2377
Saws.....	Henry Disston & Sons.....	53,702	June 12	122	2377
Saws.....	Henry Disston & Sons.....	53,752	June 12	122	2379
Saws.....	Henry Disston & Sons.....	54,244	June 26	122	2987
Saws.....	Henry Disston & Sons.....	54,245	June 26	122	2987
Saws.....	J. N. Eberle & Co.....	54,305	June 26	122	2990
Saws and hacksaw-blades. Hack.....	G. W. Griffin & Co.....	49,710	Feb. 13	120	2121
Saws and saw-blades.....	Hibbard, Spencer, Bartlett & Company.....	53,680	June 12	122	2376
Saws and saw-blades.....	Hibbard, Spencer, Bartlett & Company.....	57,456	Nov. 13	125	658
Saws, Circular and band.....	Toledo Saw Co.....	54,952	Aug. 7	123	1978
Saws, Circular, band, hand, and crosscut.....	Joshua Oldham and Sons.....	54,874	July 31	123	1659
Saws, Circular, band, hand, and crosscut.....	Joshua Oldham & Sons.....	55,503	Aug. 14	123	2305
Saws of all kinds.....	Patterson, Gottfried & Hunter.....	48,692	Jan. 9	120	650
Saws of all kinds.....	E. C. Atkins & Company.....	49,469	Feb. 6	120	1817
Saws of all kinds.....	E. C. Atkins & Company.....	54,741	June 26	122	3007
Saws of all kinds.....	E. C. Atkins & Company.....	57,748	Nov. 27	125	1342
Saws of all kinds.....	E. C. Atkins & Company.....	57,749	Nov. 27	125	1342
Saws of all kinds.....	E. C. Atkins & Company.....	58,946	Dec. 25	125	2758
Saws, saw blades and handles.....	Simmons Hardware Company.....	53,763	June 12	122	2379
Sawing, trimming, and lumber-handling machinery.....	McDonough Manufacturing Co.....	57,120	Nov. 6	125	342
Scales.....	Kimball Brothers Co.....	55,543	Aug. 14	123	2306
Scales and appurtenances thereof. Weighing.....	E. and T. Fairbanks and Company.....	55,449	Aug. 14	123	2304
Scales, Counter.....	Anderson Computing Scale Company.....	53,536	June 5	122	2054
Scales, Weighing.....	Computing Scale Co.....	55,147	Aug. 7	123	1983
Scales, Weighing.....	Computing Scale Co.....	55,148	Aug. 7	123	1983
Scarfs.....	W. Trevor.....	50,579	Mar. 20	121	1008
Scarfs.....	W. Trevor.....	51,735	Apr. 24	121	2651
Scissors.....	C. F. Boker.....	50,458	Mar. 20	121	1003
Scissors.....	F. Köller & Co.....	51,564	Apr. 17	121	2318
Scissors.....	A. Kastor & Bros.....	52,666	May 15	122	1035
Scissors.....	Neumeyer & Dimond.....	55,903	Aug. 21	123	2619
Scissors and shears.....	Challenge Cutlery Corporation.....	49,965	Feb. 27	120	2746
Scissors and shears.....	Keith Simmons & Co.....	51,895	Apr. 24	121	2657
Scissors and shears.....	E. Forquignon.....	52,908	May 22	122	1386
Scissors and shears.....	H. Böker & Co.....	54,700	June 26	122	3006
Scissors and shears.....	F. A. Clauberg & Co.....	55,168	Aug. 7	123	1984
Scissors and shears.....	E. Krusius.....	55,375	Aug. 14	123	2302
Scissors and shears.....	M. T. Smith.....	58,505	Dec. 18	125	2355
Scissors, shears, and hair-clippers.....	Simmons Hardware Company.....	56,153	Aug. 28	123	2970
Score-cards, Bridge-whist.....	Radcliffe & Company.....	58,803	Dec. 25	125	2754
Score-cards, Puzzle.....	J. W. Millar.....	58,685	Dec. 25	125	2751
Scouring, cleansing, and washing preparation.....	India Alkali Works.....	50,855	Apr. 3	121	1659
Scouring compound.....	Martha Washington Scouring Compound Co.....	58,799	Dec. 25	125	2754
Scouring-powder.....	Lulu Manufacturing Company.....	57,894	Dec. 4	125	1689
Scrapers, Earth.....	Kilbourne & Jacobs Manufacturing Company.....	49,313	Jan. 30	120	1472
Scrapers, Earth.....	Kilbourne & Jacobs Manufacturing Company.....	49,314	Jan. 30	120	1472
Scrapers, Earth.....	Kilbourne & Jacobs Manufacturing Company.....	50,834	Apr. 3	121	1658
Scrapers, Earth.....	Kilbourne & Jacobs Manufacturing Company.....	52,958	May 22	122	1388
Scrapers, Sidewalk and ice.....	Avery Stamping Company.....	52,618	May 15	122	1033

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Scrapple.....	T. Harris.....	52,978	May 22	122	1389
Screw-drivers.....	Tower & Lyon Co.....	49,360	Jan. 30	120	1474
Screw-drivers.....	Whitman & Barnes Manufacturing Company.....	52,875	May 22	122	1385
Screw-drivers and screw-driver holders.....	Patterson, Gottfried & Hunter ..	48,936	Jan. 16	120	897
Screw-drivers. Round-shank	Stanley Rule & Level Company ..	54,951	Aug. 7	123	1978
Screw-plates, taps, and dies.....	Champion Blower & Forge Company.....	56,389	Sept. 18	124	902
Screw-plates, taps, and dies.....	Champion Blower & Forge Company.....	56,390	Sept. 18	124	902
Screws. Metal.....	Dabbitt Bros.....	49,324	Jan. 30	120	1473
Scythes and grass-hooks.....	Simmons Hardware Company ..	56,116	Aug. 28	123	2969
Scythes, scythe-blades, and grass-hooks.....	Hibbard, Spencer, Bartlett & Company.....	55,082	Aug. 7	123	1981
Seals.....	E. J. Brooks & Company.....	49,645	Feb. 13	120	2118
Search-lights and parts thereof. Electric.....	Körting & Mathiesen Aktiengesellschaft.....	57,059	Oct. 30	124	2898
Seats and tanks. Certain named	E. M. Joralemon.....	54,045	June 19	122	2679
Seed. Bird.....	Griggs, Cooper & Company.....	57,593	Nov. 13	125	662
Seed. Cantaloup.....	A. F. Young & Co.....	57,955	Dec. 4	125	1691
Seed. Clover.....	Jessup-Wheelan Co.....	48,626	Jan. 9	120	647
Seed. Clover.....	Toledo F old Seed Company.....	55,030	Aug. 7	123	1980
Seed for lawns. Mixed grass.....	Albert Dickinson Company.....	57,822	Nov. 27	125	1344
Seed. Grass.....	H. E. Conklin.....	49,789	Feb. 13	120	2123
Seed. Grass and field.....	L. Teweles.....	54,585	June 26	122	3001
Seed meal and nut-cake. Cotton.....	Humphreys, Godwin & Co.....	53,401	June 5	122	2048
Seeds.....	Albert Dickinson Company.....	48,831	Jan. 16	120	893
Seeds. Agricultural and horticultural.....	Peter Henderson & Co.....	52,492	May 8	122	722
Seeds and bulbs. Garden, trucking, and flower.....	E. Tait & Sons.....	51,052	Apr. 3	121	1667
Seeds. Certain named.....	Albert Dickinson Company.....	49,834	Feb. 20	120	2435
Seeds. Certain named.....	Albert Dickinson Company.....	49,835	Feb. 20	120	2435
Seeds. Certain named.....	Albert Dickinson Company.....	49,836	Feb. 20	120	2435
Seeds. Certain named.....	Albert Dickinson Company.....	49,837	Feb. 20	120	2435
Seeds. Certain named.....	Albert Dickinson Company.....	49,838	Feb. 20	120	2435
Seeds. Field.....	W. H. Morehouse.....	54,064	June 19	122	2679
Seeds. Field, grass, and clover.....	H. E. Conklin.....	52,905	May 22	122	1386
Seeds. Garden, flower, and field.....	Livingston Seed Co.....	50,530	Mar. 20	121	1066
Seeds. Grass and field.....	W. G. Scarlett.....	49,225	Jan. 30	120	1468
Seeds. Grass and field.....	W. G. Scarlett.....	49,226	Jan. 30	120	1468
Seeds. Grass and field.....	W. G. Scarlett.....	49,489	Feb. 6	120	1817
Seeds. Grass and field.....	W. G. Scarlett.....	49,490	Feb. 6	120	1818
Seeds. Grass and field.....	W. G. Scarlett.....	49,491	Feb. 6	120	1818
Seeds. Grass and field.....	W. G. Scarlett.....	49,492	Feb. 6	120	1818
Seeds. Grass and field.....	W. G. Scarlett.....	52,985	May 22	122	1389
Seeds. Grass, grain, timothy, clover, hemp, canary, and rape.....	Albert Dickinson Company.....	58,293	Dec. 11	125	2040
Seeding-machines.....	Albert Dickinson Company.....	51,979	May 1	122	338
Seeding-machines.....	Monitor Drill Co.....	49,596	Feb. 13	120	2116
Seeding-machines.....	American Seeding Machine Company.....	52,351	May 8	122	716
Seeding-machines.....	Brennan & Co. Southwestern Agricultural Works.....	57,137	Nov. 6	125	342
Seeding-machines. Broadcast.....	Peoria Drill and Seeder Co.....	52,370	May 8	122	717
Seesaws, roundabouts, and teeters.....	E. D. Smith.....	54,796	July 31	123	1657
Seltzogenes and analogous vessels for aerated liquids.....	Aerators Limited.....	54,698	June 26	122	3006
Separators. Certain named.....	D. M. Nesbit.....	55,902	Aug. 21	123	2619
Serums.....	P. Yvon.....	54,693	June 26	122	3005
Serum.....	E. Merck.....	54,995	Aug. 7	123	1979
Sewing cotton and thread.....	Jonas Brook & Bros.....	52,148	May 1	122	344
Sewing-cotton on spools or reels.....	J. & P. Coats.....	53,250	May 29	122	1713
Sewing-cotton on spools or reels.....	Jonas Brook & Bros.....	54,665	June 26	122	3004
Sewing-cotton on spools or reels.....	Jonas Brook & Bros.....	57,147	Nov. 6	125	342
Sewing-machine needles.....	Excelsior Needle Company.....	52,659	May 15	122	1035
Sewing-machine needles.....	Excelsior Needle Company.....	52,660	May 15	122	1035
Sewing-machine needles.....	National Needle Co.....	57,124	Nov. 6	125	342
Sewing-machine needles.....	G. T. Robie.....	57,948	Dec. 4	125	1691
Sewing-machine stands and their parts and attachments.....	Singer Manufacturing Company.....	49,601	Feb. 13	120	2116
Sewing-machines.....	A. G. Mason.....	48,551	Jan. 2	120	319
Sewing-machines.....	Singer Manufacturing Company.....	49,599	Feb. 13	120	2116
Sewing-machines.....	Singer Manufacturing Company.....	49,600	Feb. 13	120	2116
Sewing-machines.....	Singer Manufacturing Company.....	49,602	Feb. 13	120	2116
Sewing-machines.....	Singer Manufacturing Company.....	49,603	Feb. 13	120	2116
Sewing-machines.....	Singer Manufacturing Company.....	49,604	Feb. 13	120	2116
Sewing-machines.....	Singer Manufacturing Company.....	49,605	Feb. 13	120	2117
Sewing-machines.....	A. G. Mason.....	51,531	Apr. 17	121	2317
Sewing-machines.....	A. G. Mason.....	52,076	May 1	122	341
Sewing-machines.....	Willcox & Gibbs Sewing Machine Co.....	53,529	June 5	122	2053
Sewing-machines and attachments thereof.....	Simmons Hardware Company.....	56,972	Oct. 30	124	2895
Sewing-machines and parts and attachments.....	Willcox & Gibbs Sewing Machine Co.....	52,925	May 22	122	1387
Sewing-machines and parts and attachments.....	Willcox & Gibbs Sewing Machine Co.....	52,926	May 22	122	1387
Sewing-machines and parts thereof.....	Union Special Machine Company.....	48,707	Jan. 9	120	650
Sewing-machines and parts thereof.....	Illinois Sewing Machine Co.....	49,337	Jan. 30	120	1473
Sewing-machines and parts thereof.....	Union Special Machine Company.....	49,361	Jan. 30	120	1474
Sewing-machines and parts thereof.....	Union Special Machine Company.....	49,362	Jan. 30	120	1474
Sewing-machines and parts thereof.....	Household Sewing Machine Co.....	51,932	Apr. 24	121	2659
Sewing-machines and parts thereof.....	Hibbard, Spencer, Bartlett & Company.....	52,681	May 15	122	1036
Sewing-machines and parts thereof.....	Union Special Machine Co.....	53,235	May 29	122	1712
Sewing-machines and parts thereof.....	Union Special Machine Co.....	53,236	May 29	122	1712
Sewing-machines and sewing-machine parts.....	Household Sewing Machine Co.....	49,933	Feb. 27	120	2745
Sewing-machines and sewing-machine parts.....	Household Sewing Machine Co.....	51,212	Apr. 10	121	1968
Sewing-machines and their parts and attachments. All kinds of.....	Wheeler & Wilson Manufacturing Company.....	55,999	Aug. 21	123	2621
Sewing-machines, attachments, covers, tables, and stands.....	White Sewing Machine Co.....	57,903	Dec. 4	125	1689

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Sewing-machines, covers, stands, tables, and attachments.	A. G. Mason	56,289	Sept. 4	124	315
Sewing-machines, covers, tables, stands, and attachments.	White Sewing Machine Co.	56,294	Sept. 4	124	315
Sewing-machines, covers, tables, stands, and attachments.	White Sewing Machine Co.	56,295	Sept. 4	124	315
Sewing-machines, parts and attachments.	Wheeler & Wilson Manufacturing Company.	55,866	Aug. 21	123	2618
Sewing-machines, their parts and attachments.	Wheeler & Wilson Manufacturing Company.	56,109	Aug. 21	123	2624
Sewing-machines, sewing-machine attachments, covers, tables, and stands.	White Sewing Machine Co.	57,873	Nov. 27	125	1345
Shade-cloth.	C. W. Breneman	56,387	Sept. 18	124	902
Shade-cloth.	C. W. Breneman	56,388	Sept. 18	124	902
Shade cloth and shades. Window.	Jay C. Wemple Co.	52,912	May 22	122	1386
Shade-cloth. Oil.	Hulse Bradford Co.	50,045	Feb. 27	120	2749
Shade-cloths.	Amory, Browne & Co.	50,773	Mar. 27	121	1343
Shade-cloths and cotton piece goods.	Amory, Browne & Co.	54,127	June 19	122	2682
Shaft-couplings.	C. W. Levalley.	56,964	Oct. 30	124	2895
Shaft-hangers.	C. W. Levalley.	50,620	Mar. 27	121	1536
Shampoo and scalp-cleansing preparations.	L. Hauck.	52,720	May 15	122	1037
Sharpening edged instruments. Liquids for use in.	E. Hunold.	53,980	June 19	122	2676
Sharpening-stones.	Pike Manufacturing Company.	49,357	Jan. 30	120	1474
Sharpening-stones.	Pike Manufacturing Company.	49,669	Feb. 13	120	2119
Sharpening-stones.	Pike Manufacturing Company.	49,695	Feb. 13	120	2120
Shaving and whitening blades.	L. Hardy Co.	56,070	Aug. 21	123	2623
Shears and butchers' knives. Sheep and garden.	Burgon & Ball.	57,440	Nov. 13	125	658
Shears and butchers' knives. Sheep and garden.	Burgon & Ball.	57,528	Nov. 13	125	660
Shears.	Sheer Cut Shear Co.	53,569	June 5	122	2055
Shears and scissors.	Graef & Schmidt.	48,458	Jan. 2	120	315
Shears and scissors.	H. Clauss.	51,546	Apr. 17	121	2318
Shears and scissors.	Hibbard, Spencer, Bartlett & Company.	53,679	June 12	122	2376
Shears and scissors.	International Cutlery Company.	57,115	Nov. 6	125	341
Shears and scissors.	Neckelmann Hnos.	57,260	Nov. 6	125	345
Shears. Sheep and garden.	Burgon & Ball.	55,114	Aug. 7	123	1982
Shears, sickles, scythes, and knives.	Burgon & Ball.	57,407	Nov. 13	125	657
Sheathing, packing, or filling. Builders.	S. Cabot.	58,718	Dec. 25	125	2752
Sheepskins having a special finish.	Richard Young Company.	52,818	May 15	122	1041
Sheet metal. Dovetailed corrugated.	Brown Hoisting Machinery Company.	54,866	July 31	123	1659
Sheet-metal vessels for domestic or household purposes.	Rochester Nonrust Tinware Co.	52,561	May 15	122	1031
Sheet-metal ware. Certain named.	Milwis Manufacturing Company.	57,944	Dec. 4	125	1690
Sheet-metal-working machines.	Niagara Machine & Tool Works.	58,232	Dec. 11	125	2039
Sheeting.	Minot, Hooper & Co.	54,311	June 26	122	2990
Sheeting and drilling. Cotton.	Abe Stein Co.	54,540	June 26	122	2999
Sheeting, shirting, and drills.	A. O. Probst.	58,988	Dec. 25	125	2759
Sheetings.	Carey, Bayne & Smith Company.	50,168	Mar. 6	121	329
Sheetings.	Courtenay Mfg. Co.	51,177	Apr. 3	121	1672
Sheetings.	Carey, Bayne & Smith Company.	52,930	May 22	122	1387
Sheetings.	Belton Mills.	55,966	Aug. 21	123	2621
Sheetings.	Union Cotton Mills.	55,998	Aug. 21	123	2621
Sheetings.	Piedmont Mfg. Co.	56,578	Oct. 9	124	1837
Sheetings.	Carey, Bayne & Smith Company.	57,831	Nov. 27	125	1344
Sheetings.	J. E. Reynolds.	58,598	Dec. 18	125	2357
Sheetings.	Pelzer M'fg. Co.	58,925	Dec. 25	125	2757
Sheetings and drillings.	G. L. Montgomery.	49,056	Jan. 23	120	1156
Sheetings and drillings.	Grendel Mills.	50,511	Mar. 20	121	1006
Sheetings and drillings.	Exposition Cotton Mills.	51,266	Apr. 10	121	1970
Sheetings and drillings.	Exposition Cotton Mills.	51,319	Apr. 10	121	1972
Sheetings and drillings.	Exposition Cotton Mills.	51,320	Apr. 10	121	1972
Sheetings and drillings.	Exposition Cotton Mills.	51,341	Apr. 10	121	1973
Sheetings and drillings.	Exposition Cotton Mills.	51,522	Apr. 17	121	2317
Sheetings and drillings.	Exposition Cotton Mills.	51,523	Apr. 17	121	2317
Sheetings and drillings.	Exposition Cotton Mills.	51,524	Apr. 17	121	2317
Sheetings and drillings.	Exposition Cotton Mills.	51,525	Apr. 17	121	2317
Sheetings and drillings.	Exposition Cotton Mills.	51,549	Apr. 17	121	2318
Sheetings and drillings.	Exposition Cotton Mills.	51,550	Apr. 17	121	2318
Sheetings and drillings.	Exposition Cotton Mills.	51,551	Apr. 17	121	2318
Sheetings and drillings.	Exposition Cotton Mills.	51,607	Apr. 17	121	2320
Sheetings and drillings.	Exposition Cotton Mills.	51,608	Apr. 17	121	2320
Sheetings and drillings.	Exposition Cotton Mills.	51,609	Apr. 17	121	2320
Sheetings and drillings.	Buffalo Cotton Mills.	52,948	May 22	122	1388
Sheetings and drillings.	Buffalo Cotton Mills.	55,937	Aug. 21	123	2620
Sheetings and drillings.	Orangeburg Mfg. Co.	56,621	Oct. 9	124	1839
Sheetings and drillings. Cotton.	Greenwood Cotton Mill.	52,977	May 22	122	1389
Sheetings and drillings. Cotton.	Piedmont Mfg. Co.	55,950	Aug. 21	123	2620
Sheetings and drills.	Loray Mills.	51,271	Apr. 10	121	1970
Sheetings and drills.	Easley Cotton Mills.	51,521	Apr. 17	121	2317
Sheetings and drills. Cotton.	K. Iwahara.	50,549	Mar. 20	121	1007
Sheetings and drills. Cotton.	K. Iwahara.	50,574	Mar. 20	121	1008
Sheetings and drills. Cotton.	K. Iwahara.	51,294	Apr. 10	121	1971
Sheetings and drills. Cotton.	K. Iwahara.	51,768	Apr. 24	121	2652
Sheetings and drills. Cotton.	K. Iwahara.	51,844	Apr. 24	121	2656
Sheetings and drills. Brown and bleached.	Putnam Hooker Company.	56,733	Oct. 16	124	2173
Sheetings and drills. Cotton.	K. Iwahara.	54,553	June 26	122	3000
Sheetings and shirtings.	Montmorency Cotton Mills Coy.	56,173	Aug. 28	123	2970
Sheetings and shirtings.	Wamsutta Mills.	57,952	Dec. 4	125	1691
Sheetings and shirtings.	Monohansett Mfg. Co.	58,866	Dec. 25	125	2756
Sheetings. Cotton.	A. W. Green.	53,629	June 5	122	2057
Sheetings. Cotton.	Naumkeag Steam Cotton Co.	56,731	Oct. 16	124	2173
Sheetings. Cotton.	Naumkeag Steam Cotton Co.	56,775	Oct. 16	124	2174
Sheetings. Cotton.	Minot, Hooper & Co.	58,596	Dec. 18	125	2357
Sheetings, drills, and ducks.	Stark Mills.	51,875	Apr. 24	121	2657
Sheetings, shirtings, and drills.	R. A. Suffern.	51,600	Apr. 17	121	2320
Sheetings, shirtings, and drills.	R. A. Suffern.	51,668	Apr. 17	121	2322
Sheetings, shirtings, and drills.	R. A. Suffern.	54,213	June 19	122	2685
Sheetings, shirtings, and drills.	R. A. Suffern.	54,214	June 19	122	2685

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Sheetings, shirtings, and drills.	R. A. Suffern.	58,570	Dec. 18	125	2356
Sheetings, shirtings, drillings, ducks, osnaburgs, denims, canton-flannel, and cotton piece goods.	York Manufacturing Co.	56,001	Aug. 21	123	2621
Sheetings, shirtings, drills, and tickings. Cotton.	Siemssen & Co.	53,259	May 29	122	1713
Sheetings. Waterproof.	Stork Company.	52,501	May 8	122	723
Shellac. First coat or substitute for.	Glidden Varnish Company.	49,884	Feb. 20	120	2436
Shellac substitute.	E. Calman & Co.	55,492	Aug. 14	123	2305
Shells. Shotgun.	Austin Cartridge Co.	51,543	Apr. 17	121	2318
Sherries.	J. M. de Mora.	58,833	Dec. 25	125	2755
Sherry.	Luyties Brothers.	51,213	Apr. 10	121	1968
Ship-logs.	S. Streit & Co.	56,218	Sept. 4	124	313
Ship-logs.	Thomas Walker & Son.	52,704	May 15	122	1037
Ship-logs and certain named lines.	Thomas Walker & Son.	56,059	Aug. 21	123	2623
Ship-logs and sounding-machines.	Thomas Walker & Son.	56,058	Aug. 21	123	2623
Ship-logs and sounding-machines.	Thomas Walker & Son.	50,840	Apr. 3	121	1658
Ship-logs and sounding-machines.	Thomas Walker & Son.	52,703	May 15	122	1037
Ship-logs and sounding-machines.	Thomas Walker & Son.	52,705	May 15	122	1037
Ships' logs.	Thomas Walker & Son.	54,687	June 26	122	3005
Ships' logs and sounding-machines.	Thomas Walker & Son.	51,572	Apr. 17	121	2319
Shirt fabrics.	New Columbia Shirt Co.	52,382	May 8	122	718
Shirt-fronts and false shirt-bosoms.	Reversible Collar Company.	56,066	Oct. 16	124	2171
Shirt-waists and flannelette gowns. Muslin.	Keach & Brown Mfg. Co.	51,595	Apr. 17	121	2320
Shirt-waists and shirt-waist suits.	Holzman Mfg. Co.	56,615	Oct. 9	124	1838
Shirt-waists and shirt-waist suits. Ladies'.	D. Levy & Sons Co.	54,662	June 26	122	3004
Shirt-waists and shirt-waist suits. Ladies'.	Einstein, Guggenheim and Company.	61,285	Apr. 10	121	1971
Shirt-waists and shirt-waist suits. Ladies'.	Goldschmidt & Co.	55,535	Aug. 14	123	2306
Shirt-waists and skirts.	Waldorf Mfg. Co.	57,111	Nov. 6	125	341
Shirt-waists and suits. Ladies' and misses'.	Rosenthal Bros. Co.	55,142	Aug. 7	123	1983
Shirt-waists. Ladies'.	Belle Waist Co.	49,442	Feb. 6	120	1815
Shirt-waists. Ladies'.	E. Fast.	54,490	June 26	122	2997
Shirts.	Cutter & Crossette.	54,494	June 26	122	2998
Shirts and blouses. Men's and boys' outer and dress.	Rice, Stix Dry Goods Company.	55,586	Aug. 14	123	2307
Shirts and boys' shirts, waists, and blouses. Men's.	C. Eisenman & Co.	56,084	Aug. 21	123	2624
Shirts and dress-shirts. Outer.	Cluett, Peabody & Co.	53,829	June 12	122	2382
Shirts as distinguished from undershirts. Dress.	Elletts, B. & Co.	49,050	Jan. 23	120	1156
Shirts. Certain named.	Regent Shirt Company.	50,717	Mar. 27	121	1340
Shirts. Certain named.	Regent Shirt Company.	55,136	Aug. 7	123	1983
Shirts, collars, and cuffs.	Regent Shirt Company.	55,439	Aug. 14	123	2303
Shirts, collars, and cuffs.	Fellows and Company.	49,233	Jan. 30	120	1469
Shirts, collars, and cuffs.	Cluett Peabody & Co.	50,779	Mar. 27	121	1343
Shirts, collars, and cuffs.	New Columbia Shirt Co.	51,594	Apr. 17	121	2320
Shirts, collars, and cuffs.	New Columbia Shirt Co.	51,770	Apr. 24	121	2653
Shirts, collars, and cuffs.	M. H. Lambert.	52,037	May 1	122	340
Shirts, collars, and cuffs.	Hall Hartwell & Co.	54,279	June 26	122	2989
Shirts, collars, and cuffs.	International Shirt and Collar Company.	54,664	June 26	122	3004
Shirts, collars, and cuffs. Dress.	Bloch & Neuburger.	49,760	Feb. 13	120	2122
Shirts, collars, and cuffs. Linen.	Guterman Bros.	57,112	Nov. 6	125	341
Shirts. Dress.	Richardson, Roberts Dry Goods Co.	49,726	Feb. 13	120	2121
Shirts. Dress.	J. Loewy.	56,102	Aug. 21	123	2624
Shirts. Dress and negligée.	Manifest Shirt Co.	49,801	Feb. 20	120	2433
Shirts. Dress and negligée.	Manifest Shirt Co.	49,839	Feb. 20	120	2435
Shirts. Dress and negligée.	Columbus Shirt Company.	55,127	Aug. 7	123	1983
Shirts. Dress and negligée.	Burnham Hanna Munger Dry Goods Co.	56,604	Oct. 9	124	1838
Shirts. Dress, bosom, and negligée.	Howe & Howe.	49,712	Feb. 13	120	2121
Shirts for men and women. Outing.	Guterman Bros.	50,512	Mar. 20	121	1006
Shirts. Men's dress.	Brown & Newman.	53,877	June 12	122	2383
Shirts. Men's outer.	Hannach & Stiffel.	51,075	Apr. 3	121	1668
Shirts. Negligée and dress.	J. M. Robinson, Norton & Co.	50,975	Apr. 3	121	1664
Shirts. Outer.	Paul E. Wolff Shirt Company.	54,677	June 26	122	3005
Shirts. Outer.	Paul E. Wolff Shirt Company.	54,678	June 26	122	3005
Shirts. Outer and dress.	H. H. McClellan.	51,084	Apr. 3	121	1669
Shirts, overalls, pantaloons, pants, and vests.	Youngstown Dry Goods Company.	56,673	Oct. 16	124	2172
Shirts, shirt-waists, and blouses.	Hutchinson, Pierce & Co.	51,146	Apr. 3	121	1671
Shirts. Top.	D. Jones & Sons.	58,797	Dec. 25	125	2754
Shirtings.	Eddystone Manufacturing Company.	50,769	Mar. 27	121	1342
Shirtings and sheetings.	Wamsutta Mills.	51,002	Apr. 3	121	1665
Shirtings and sheetings.	Wamsutta Mills.	51,003	Apr. 3	121	1665
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,309	Mar. 6	121	334
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,310	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,311	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,312	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,313	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,314	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,315	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,316	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,317	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,318	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,319	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,320	Mar. 6	121	335
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,432	Mar. 13	121	685
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,433	Mar. 13	121	685
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,434	Mar. 13	121	685
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,435	Mar. 13	121	685
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,436	Mar. 13	121	685
Shirtings and sheetings, cambrics, and long-cloth.	G. Willis & Co.	56,957	Oct. 30	124	2895
Shirtings, osnaburgs, denims, and canton-flannel. Cotton.	Massachusetts Cotton Mills.	56,875	Oct. 23	124	2528
Shirtings, sheetings, cambrics, and long-cloth.	G. Willis & Co.	50,172	Mar. 6	121	329
Shirtings, sheetings, cambrics, and long-cloth.	G. Willis & Co.	56,660	Oct. 16	124	2171
Shirtings, sheetings, cambrics, and long-cloth.	G. Willis & Co.	56,939	Oct. 23	124	2530

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Shirtings, sheetings, cambrics, and long-cloth. Bleached and unbleached	G. Willis & Co.....	53,264	May 29	122	1713
Shirtings, sheetings, cambrics, and long-cloth. Bleached and unbleached	G. Willis & Co.....	54,220	June 19	122	2635
Shirtings, sheetings, cambrics, and long-cloth. Bleached and unbleached	G. Willis & Co.....	54,565	June 26	122	3000
Shock-absorber.....	Graham & Goodman.....	58,214	Dec. 11	125	2038
Shoe-dressing.....	Geo. E. Keith Company.....	48,478	Jan. 2	120	316
Shoe-dressing.....	Wolff Chemical Company.....	49,260	Jan. 30	120	1470
Shoe-dressing.....	Geo. E. Keith Company.....	53,001	May 22	122	1390
Shoe-dressing. Men's liquid and paste	Hamilton-Brown Shoe Co.....	51,840	Apr. 24	121	2655
Shoe-dressing. Women's liquid and paste	Hamilton-Brown Shoe Co.....	51,839	Apr. 24	121	2655
Shoe-polish.....	Whittemore Brothers and Company.....	52,312	May 8	122	715
Shoe-polish.....	American Chemical Manufacturing & Mining Company.....	54,769	July 31	123	1657
Shoe polish or blacking	Philipp Bauer Co.....	56,081	Aug. 21	123	2624
Shoe-polish or leather-dressing	Ayling Bros.....	53,996	June 19	122	2677
Shoe polishes and blackings	F. E. Fennessy.....	50,040	Feb. 27	120	2749
Shoes and leather. Dressings or polish for tan or russet	Raven Gloss Mfg. Co.....	57,626	Nov. 20	125	987
Shoes and slippers. Leather	Hanan-Mathewson Company.....	54,168	June 19	122	2683
Shoes and slippers. Leather and canvas	McRae & Bevell.....	49,953	Feb. 27	120	2746
Shoes and slippers. Leather and canvas	McRae & Bevell.....	49,974	Feb. 27	120	2746
Shoes. Ankle-supporting leather	J. J. Lattemann.....	53,785	June 12	122	2480
Shoes, boots, and slippers. Leather	J. G. Brandt Shoe Company.....	49,930	Feb. 20	120	2438
Shoes. Children's leather	Watson-Plummer Shoe Company.....	51,068	Apr. 3	121	1668
Shoes. Children's leather and canvas	Beasley Harwood Shoe Co.....	55,022	Aug. 7	123	1980
Shoes. Fine kid	Green-Wheeler Shoe Co.....	48,659	Jan. 9	120	648
Shoes. Ladies'.....	Hahne & Company.....	50,649	Mar. 27	121	1337
Shoes. Ladies' leather	Wolf Brothers and Company.....	55,726	Aug. 21	123	2614
Shoes. Ladies' leather	Wolf Brothers and Company.....	56,100	Aug. 21	123	2624
Shoes. Ladies', men's, and children's leather	S. Hirschberg.....	51,076	Apr. 3	121	1668
Shoes. Ladies', men's, and children's leather	A. J. Bates Co.....	53,371	June 5	122	2047
Shoes. Ladies', misses', and children's leather	W. B. Carhart.....	51,815	Apr. 24	121	2654
Shoes. Leather	Battrell-Whittinghill Shoe Co.....	48,495	Jan. 2	120	317
Shoes. Leather	J. P. Hartray Shoe Co.....	49,124	Jan. 23	120	1159
Shoes. Leather	A. J. Bates Co.....	53,300	May 29	122	1715
Shoes. Leather	F. Mayer Boot & Shoe Co.....	53,309	May 29	122	1715
Shoes. Leather	Gilmaker Bros.....	53,805	June 12	122	2381
Shoes. Leather	L. W. Franklin.....	53,821	June 12	122	2381
Shoes. Leather	Hamilton-Brown Shoe Company.....	54,037	June 19	122	2678
Shoes. Leather	James Means Company.....	54,248	June 26	122	2988
Shoes. Leather	F. Mayer Boot & Shoe Co.....	54,306	June 26	122	2990
Shoes. Leather	L. W. Franklin.....	54,329	June 26	122	2991
Shoes. Leather	Augustus Wright Company.....	54,351	June 26	122	2991
Shoes. Leather	Peters Shoe Co.....	54,578	June 26	122	3001
Shoes. Leather	G. L. Snow.....	55,047	Aug. 7	123	1980
Shoes. Leather	Heywood Boot & Shoe Company.....	55,309	Aug. 14	123	2300
Shoes. Leather	F. Loeser & Co.....	55,311	Aug. 14	123	2300
Shoes. Leather	Peters Shoe Co.....	56,079	Aug. 21	123	2624
Shoes. Leather	Peters Shoe Company.....	56,080	Aug. 21	123	2624
Shoes. Leather	Peters Shoe Co.....	56,177	Aug. 28	123	2970
Shoes. Leather	Peters Shoe Co.....	56,253	Sept. 4	124	314
Shoes. Leather	W. D. Brackett & Co.....	56,409	Sept. 25	124	1201
Shoes. Leather	W. H. Miles Shoe Co.....	56,634	Oct. 9	124	1839
Shoes. Leather	J. G. Grieb & Sons.....	56,942	Oct. 23	124	2530
Shoes. Leather	J. G. Grieb & Sons.....	56,943	Oct. 23	124	2530
Shoes. Leather	Ainsworth Shoe Co.....	57,073	Oct. 30	124	2898
Shoes. Leather	Upham Bros. Co.....	57,361	Nov. 13	125	655
Shoes. Leather	Smith-Briscoe Shoe Company.....	57,404	Nov. 13	125	657
Shoes. Leather	M. Marchand and Sons.....	57,465	Nov. 13	125	658
Shoes. Leather	Menzies Shoe Company.....	57,600	Nov. 13	125	662
Shoes. Leather	Peters Shoe Company.....	57,946	Dec. 4	125	1691
Shoes. Leather	Parker, Bridget & Co.....	57,971	Dec. 4	125	1691
Shoes. Leather	Fleishman, Morris & Co.....	58,372	Dec. 11	125	2042
Shoes. Leather	Saks & Company.....	58,694	Dec. 25	125	2751
Shoes. Leather	Williams-Kneeland Co.....	58,717	Dec. 25	125	2752
Shoes. Leather and canvas	Weimer, Wright & Watkin.....	53,110	May 29	122	1707
Shoes. Leather and canvas	Foss, Packard & Co.....	53,782	June 12	122	2380
Shoes. Leather and cloth	J. A. Manning.....	53,376	June 5	122	2047
Shoes. Leather, canvas, or cloth	Chambersburg Shoe Mfg. Co.....	55,476	Aug. 14	123	2304
Shoes. Leather turned	C. O. Timson.....	52,862	May 22	122	1384
Shoes made of leather and of canvas	W. K. and A. H. Jones Co.....	49,264	Jan. 30	120	1470
Shoes made wholly or in part of leather	C. M. Clapp Co.....	54,098	June 19	122	2681
Shoes. Men's and boys' leather	Hamilton-Brown Shoe Company.....	54,038	June 19	122	2678
Shoes. Men's and boys' leather	Barker, Brown & Co.....	58,621	Dec. 18	125	2358
Shoes. Men's leather	Hamilton-Brown Shoe Company.....	50,150	Mar. 6	121	328
Shoes. Men's leather	Wertheimer-Swartz Shoe Co.....	53,818	June 12	122	2381
Shoes. Men's leather	Hamilton-Brown Shoe Company.....	54,138	June 19	122	2682
Shoes. Men's leather	Hamilton-Brown Shoe Company.....	54,139	June 19	122	2682
Shoes. Men's leather	Hamilton-Brown Shoe Company.....	54,140	June 19	122	2682
Shoes. Men's leather	T. S. Ruddock & Son.....	55,188	Aug. 7	123	1984
Shoes. Men's leather	Murphy Shoe Co.....	56,504	Oct. 2	124	1517
Shoes. Men's leather	Thomas Shoe Company.....	57,929	Dec. 4	125	1690
Shoes. Men's, youths', and boys' leather	Beals & Torrey Shoe Co.....	52,056	May 1	122	341
Shoes. Polish for russet and tan	Whittemore Bro's and Co.....	54,090	June 19	122	2680
Shoes. Tennis	Hood Rubber Co.....	50,547	Mar. 20	121	1007
Shoes. Women's leather	A. H. Berry Shoe Company.....	49,179	Jan. 30	120	1467
Shoes. Women's leather	Beasley Harwood Shoe Co.....	55,019	Aug. 7	123	1980
Shoes. Women's leather	Beasley Harwood Shoe Co.....	55,023	Aug. 7	123	1980
Shoes. Women's leather	Smith-Briscoe Shoe Company.....	57,630	Nov. 20	125	987
Shot	Selby Smelting & Lead Company.....	52,629	May 15	122	1034
Shotguns, rifles, and revolvers	H. Keidel.....	49,342	Jan. 30	120	1473
Shoulder-braces, chest-expanders, and suspenders	Knickerbocker Brace Co.....	49,383	Feb. 6	120	1813
Shoulder-braces, chest-expanders, and suspenders	Knickerbocker Brace Co.....	57,116	Nov. 6	125	341
Shovels	Supplee Hardware Company.....	52,965	May 22	122	1388

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Shovels, picks, spades, and scoops.....	Wyoming Shovel Works.....	53,472	Dec. 18	125	2354
Shovels, scoops, and spades.....	Hayden Automatic & Equipment Company.....	51,187	Apr. 10	121	1967
Shovels, scoops, and spades.....	St. Louis Shovel Co.....	53,991	June 19	122	2676
Shovels, scoops, and spades.....	St. Louis Shovel Co.....	54,314	June 26	122	2990
Shovels, scoops, and spades.....	St. Louis Shovel Co.....	54,346	June 26	122	2991
Shovels, scoops, and spades. Steel.....	Avery Stamping Company.....	49,168	Jan. 23	120	1161
Shovels, spades, and scoops.....	Wyoming Shovel Works.....	48,962	Jan. 16	120	898
Shovels, spades, and scoops.....	Supplee Hardware Company.....	49,593	Feb. 13	120	2116
Shovels, spades, and scoops.....	Avery Stamping Company.....	52,352	May 8	122	716
Shovels, spades, and scoops.....	Avery Stamping Company.....	52,353	May 8	122	717
Shovels, spades, scoops, and spading-forks.....	Supplee Hardware Company.....	49,297	Jan. 30	120	1471
Shovels, spades, scoops, and spading-forks.....	Supplee Hardware Company.....	49,879	Feb. 20	120	2436
Shovels, spades, scoops, and spading-forks.....	Hibbard, Spencer, Bartlett & Company.....	53,550	June 5	122	2054
Show-cases.....	John Phillips & Co.....	49,969	Feb. 27	120	2746
Show-cases.....	Sun Manufacturing Company.....	54,857	July 31	123	1659
Shrimp and similar shell-fish. Canned.....	Pass Packing Co.....	55,777	Aug. 21	123	2616
Shrimp. Packed.....	Barataria Canning Co.....	48,447	Jan. 2	120	315
Sifters. Ash.....	J. P. Hill.....	52,849	May 22	122	1384
Signs. Advertising.....	Illuminated Novelty Manufacturing Company.....	58,585	Dec. 18	125	2357
Signs. Glass and metal advertising.....	Rodwell Sign Co.....	48,720	Jan. 9	120	651
Signs. Glass and metal advertising.....	Rodwell Sign Co.....	48,721	Jan. 9	120	651
Silk and mixed cotton and silk piece goods.....	B. Makover Co.....	50,191	Mar. 6	121	330
Silk crape. Dull hard-twisted.....	Hess, Goldsmith & Co.....	57,164	Nov. 6	125	343
Silk, cr�pe de ch�ne, mousseline silk, &c. Taffeta.....	Marcus Bros.....	53,556	June 5	122	2054
Silk. Dress.....	Liberty Silk Company.....	52,153	May 1	122	344
Silk dress goods.....	W. H. Roe.....	52,339	May 8	122	716
Silk dress goods in the piece.....	Rogers & Thompson.....	53,647	June 5	122	2058
Silk dress goods in the piece.....	Rogers & Thompson.....	55,138	Aug. 7	123	1983
Silk dress material.....	John Goodwin Company.....	50,377	Mar. 13	121	683
Silk. Embroidery and knitting.....	J. Pearsall & Co.....	49,795	Feb. 20	120	2433
Silk floss or embroidery-silk.....	Incorporated New London Wash Silk Co.....	49,053	Jan. 23	120	1156
Silk linings and dress-silks.....	Goetz Silk Manufacturing Company.....	52,718	May 15	122	1037
Silk piece goods.....	Na Kau Trading Corporation.....	49,003	Jan. 16	120	899
Silk piece goods.....	C. Whitman & Co.....	51,165	Apr. 3	121	1672
Silk piece goods.....	Rogers & Thompson.....	52,023	May 1	122	339
Silk piece goods.....	Passavant & Co.....	52,369	May 8	122	717
Silk piece goods.....	Aitken, Son & Co.....	54,805	July 31	123	1658
Silk piece goods.....	L. & E. Stirn.....	55,099	Aug. 7	123	1982
Silk piece goods.....	Home Silk Mills.....	55,130	Aug. 7	123	1983
Silk piece goods.....	John V. Farwell Company.....	57,026	Oct. 30	124	2897
Silk piece goods.....	York Silk Manufacturing Company.....	58,817	Dec. 25	125	2755
Silk piece goods.....	York Silk Manufacturing Company.....	58,818	Dec. 25	125	2755
Silk piece goods having a rough surface.....	Rogers & Thompson.....	49,871	Feb. 20	120	2436
Silk pile fabrics. Waterproofed.....	Lister & Company.....	55,119	Aug. 7	123	1982
Silk. Spun.....	Industrie-Gesellschaft f�r Schappe.....	53,633	June 5	122	2058
Silks.....	Henry E. Frankenberg Company.....	49,052	Jan. 23	120	1156
Silks.....	Henry E. Frankenberg Company.....	49,235	Jan. 30	120	1469
Silks.....	Ackermann & Goedecke.....	51,957	May 1	122	337
Silks and satins.....	William Skinner Manufacturing Company.....	50,198	Mar. 6	121	330
Silks and silk-mixture textiles.....	Silk Textile Water Proofing Co.....	55,992	Aug. 21	123	2621
Silks. Broad.....	Laurel Silk Works.....	55,004	Aug. 7	123	1979
Silks. Dress.....	Liberty Silk Co.....	49,438	Feb. 6	120	1815
Silks. Dress.....	Norfolk Silk Company.....	51,870	Apr. 24	121	2657
Silks. Dress.....	Norfolk Silk Company.....	51,871	Apr. 24	121	2657
Silks. Printed and piece-dyed.....	Cheney Brothers.....	53,912	June 12	122	2385
Silks, satins, velvets, and plushes.....	Peltzer Bros.....	56,667	Oct. 16	124	2171
Silver and plated ware.....	W. Hutton & Sons.....	55,386	Aug. 14	123	2302
Silver and silver-plated hollow and flat ware.....	Koechlin & Engelhardt.....	56,499	Oct. 2	124	1517
Silver and silver-plated hollow ware, flat ware, and tableware.....	Hibbard, Spencer, Bartlett & Company.....	55,072	Aug. 7	123	1981
Silver flat ware, hollow ware, and tableware. Sterling.....	Hamilton and Hamilton, Jr.....	49,473	Feb. 6	120	1817
Silver flat ware, hollow ware, and tableware. Sterling.....	Theodore W. Foster & Bro. Co.....	50,670	Mar. 27	121	1338
Silver hollow, flat, and table ware.....	Wilcox & Wagoner Company.....	54,692	June 26	122	3005
Silver hollow, flat, and table ware. Sterling and solid.....	Gorham Mfg. Co.....	54,763	June 26	122	3008
Silver hollow ware, flat ware, and tableware.....	International Silver Company.....	55,017	Aug. 7	123	1980
Silver-lead, or plumbago foundry-facings, and pulverized graphite.....	United States Graphite Company.....	58,531	Dec. 18	125	2355
Silver-plated flat, hollow, and table ware.....	Wm. A. Rogers Ltd.....	54,186	June 19	122	2684
Silver-plated flat, hollow, and table ware.....	Wm. A. Rogers, Limited.....	54,731	June 26	122	3007
Silver-plated flat ware, hollow ware, and tableware.....	Wm. A. Rogers.....	48,491	Jan. 2	120	316
Silver-plated flat ware, hollow ware, and tableware.....	Wm. A. Rogers.....	48,492	Jan. 2	120	316
Silver-plated flat ware, hollow ware, and tableware.....	Wm. A. Rogers.....	48,493	Jan. 2	120	316
Silver-plated flat ware, hollow ware, and tableware.....	Wm. A. Rogers.....	48,537	Jan. 2	120	318
Silver-plated flat ware, hollow ware, and tableware.....	Wm. A. Rogers.....	49,266	Jan. 30	120	1470
Silver-plated hollow, flat, and table ware.....	Hibbard, Spencer, Bartlett & Company.....	52,721	May 15	122	1037
Silver-plated hollow, flat, and table ware.....	Hibbard, Spencer, Bartlett & Company.....	52,724	May 15	122	1037
Silver-plated hollow ware.....	International Silver Company.....	49,338	Jan. 30	120	1473
Silver-plated hollow ware.....	International Silver Company.....	49,339	Jan. 30	120	1473
Silver-plated hollow ware.....	International Silver Company.....	49,340	Jan. 30	120	1473
Silver-plated hollow ware.....	International Silver Company.....	49,341	Jan. 30	120	1473
Silver-plated hollow ware.....	International Silver Company.....	49,769	Feb. 13	120	2123
Silver-plated hollow ware.....	International Silver Company.....	49,825	Feb. 20	120	2434
Silver-plated hollow ware.....	International Silver Company.....	49,826	Feb. 20	120	2434
Silver-plated hollow ware.....	International Silver Company.....	51,078	Apr. 3	121	1668
Silver-plated hollow ware.....	International Silver Company.....	51,079	Apr. 3	121	1668

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Silver-plated hollow ware.....	International Silver Company.....	51,188	Apr. 10	121	1967
Silver-plated hollow ware.....	International Silver Company.....	52,757	May 15	122	1039
Silver-plated hollow ware.....	B. Rice's Sons.....	55,248	Aug. 7	123	1986
Silver-plated hollow ware.....	International Silver Company.....	57,329	Nov. 13	125	655
Silver-polish in liquid, powder, or paste form.....	Gorham Mfg. Co.....	52,661	May 15	122	1035
Silver table-cutlery.....	Curtin & Clark Hardware Company.....	53,140	May 29	122	1709
Silver table, hollow, and flat ware.....	Woodside Sterling Company.....	51,430	Apr. 17	121	2313
Silver tableware, hollow ware, and flat ware.....	Alvin Mfg. Co.....	55,363	Aug. 14	123	2301
Silver ware, Sterling.....	R. Wallace & Sons Mfg. Co.....	54,561	June 26	122	3000
Silverware for table use. Imitation.....	International Silver Company.....	58,889	Dec. 25	125	2756
Silverware. Hollow.....	Reed & Barton Corporation.....	54,119	June 19	122	2682
Silverware. Plated.....	Gorham Mfg. Co.....	54,331	June 26	122	2991
Silverware. Sterling and solid.....	Rockford Silver Plate Co.....	56,380	Sept. 18	124	902
Sizing-strengthening compound.....	Papyrhieson Company.....	48,811	Jan. 16	120	892
Skin-cleaning compound.....	White & Bagley Co.....	58,780	Dec. 25	125	2754
Skin-food and massage-cream.....	J. D. McCann Co.....	55,896	Aug. 21	123	2619
Skin-food in liquid form.....	F. Herb.....	56,893	Oct. 23	124	2529
Skin-food or massage-cream.....	E. H. Rice.....	54,680	June 26	122	3005
Skin-food, toilet powders, dentifrice, and nail-polish.....	J. T. Wetherald.....	58,051	Dec. 4	125	1693
Skin-foods and complexion creams.....	Graham Bros. & Co.....	53,041	May 22	122	1391
Skins. Patent kid and patent colt.....	D. F. Kennedy.....	53,424	June 5	122	2049
Skins. Tanned sheep.....	Richard Young Company.....	49,725	Feb. 13	120	2121
Skirt-distenders.....	A. M. Grean.....	51,170	Apr. 3	121	1672
Skirts.....	M. Goldman & Co.....	50,783	Mar. 27	121	1343
Skirts.....	Punch Brothers.....	51,098	Apr. 3	121	1669
Skirts and petticoats.....	Brown, Durrell & Co.....	52,947	May 22	122	1388
Skirts. Women's, misses', and children's outer.....	M. Goldman & Co.....	52,396	May 8	122	718
Sleds.....	S. L. Allen & Co.....	55,077	Aug. 7	123	1981
Sleds and sleighs.....	B. F. & H. L. Sweet Company.....	51,739	Apr. 24	121	2651
Sleds. Bob.....	Deere & Webber Co.....	57,907	Dec. 4	125	1689
Sleds. Bob.....	Deere & Webber Co.....	57,908	Dec. 4	125	1690
Smelting and milling machinery. Ore.....	Colorado Iron Works Co.....	53,117	May 29	122	1708
Smoke distilled from wood. Liquid.....	E. H. Wright Company.....	53,070	May 22	122	1392
Snap-fasteners.....	United States Fastener Co.....	58,965	Dec. 25	125	2759
Snap-fasteners for skirts. Sew-on.....	Scovill Manufacturing Company.....	54,879	July 31	123	1660
Snips, shears, and scissors.....	International Cutlery Company.....	51,653	Apr. 17	121	2222
Snow-shoes, skees, and accessories.....	T. A. Johnsen Co.....	56,613	Oct. 9	124	1838
Snuff.....	Byfield Snuff Co.....	50,871	Apr. 3	121	1659
Snuff.....	J. P. Larson.....	55,545	Aug. 14	123	2174
Snuff. Catarrh.....	C. H. Keith.....	56,759	Oct. 16	124	2306
Snuff. Catarrh.....	C. H. Keith.....	56,760	Oct. 16	124	2174
Soap.....	F. T. Hopkins.....	48,479	Jan. 2	120	316
Soap.....	Hoffheimer Soap Co.....	49,376	Feb. 6	120	1813
Soap.....	Johnson & Johnson.....	49,381	Feb. 6	120	1813
Soap.....	Hoffheimer Soap Co.....	49,655	Feb. 13	120	2118
Soap.....	Charles N. Crittenton Company.....	49,687	Feb. 13	120	2120
Soap.....	Summit City Soap Works.....	50,487	Mar. 20	121	1005
Soap.....	Dunwoody Bros. Soap Company.....	50,503	Mar. 20	121	1005
Soap.....	Summit City Soap Works.....	50,566	Mar. 20	121	1008
Soap.....	G. A. Schmidt.....	50,695	Mar. 27	121	1339
Soap.....	Maple City Soap Works.....	50,856	Apr. 3	121	1659
Soap.....	Kendall Mfg. Co.....	50,879	Apr. 3	121	1660
Soap.....	E. A. Olds.....	51,086	Apr. 3	121	1669
Soap.....	N. K. Fairbank Company.....	51,243	Apr. 10	121	1969
Soap.....	N. K. Fairbank Company.....	51,425	Apr. 17	121	2313
Soap.....	Price's Patent Candle Co.....	51,807	Apr. 24	121	2654
Soap.....	Cudahy Packing Co.....	51,882	Apr. 24	121	2657
Soap.....	Anti-Grime Soap Company.....	51,917	Apr. 24	121	2658
Soap.....	R. Hudnut's Pharmacy.....	52,080	May 1	122	342
Soap.....	N. K. Fairbank Company.....	52,597	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,598	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,599	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,600	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,601	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,602	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,603	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,604	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,605	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,606	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,607	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,608	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,609	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,610	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,611	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,612	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,613	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,614	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,615	May 15	122	1033
Soap.....	N. K. Fairbank Company.....	52,786	May 15	122	1040
Soap.....	Monahan Antiseptic Co.....	52,933	May 22	122	1387
Soap.....	N. K. Fairbank Company.....	53,005	May 22	122	1390
Soap.....	N. K. Fairbank Company.....	53,006	May 22	122	1390
Soap.....	N. K. Fairbank Company.....	53,007	May 22	122	1390
Soap.....	N. K. Fairbank Company.....	53,226	May 29	122	1712
Soap.....	N. K. Fairbank Company.....	53,321	May 29	122	1716
Soap.....	N. K. Fairbank Company.....	53,322	May 29	122	1716
Soap.....	N. K. Fairbank Company.....	53,323	May 29	122	1716
Soap.....	N. K. Fairbank Company.....	53,351	May 29	122	1717
Soap.....	N. K. Fairbank Company.....	53,352	May 29	122	1717
Soap.....	Andrew Jergens Co.....	53,478	June 5	122	2051
Soap.....	Artesia Cream Company.....	53,479	June 5	122	2051
Soap.....	Lever Brothers Company.....	53,489	June 5	122	2052
Soap.....	N. K. Fairbank Company.....	53,491	June 5	122	2052
Soap.....	E. Palmer.....	53,497	June 5	122	2052
Soap.....	Pennsylvania Soap Company.....	53,730	June 12	122	2378

Alphabetical list of trade-marks—Continued

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Soap.....	National Soap Co.....	53,958	June 19	122	2675
Soap.....	Siegel, Cooper & Co.....	53,960	June 19	122	2675
Soap.....	N. K. Fairbank Company.....	54,013	June 19	122	2677
Soap.....	Charles N. Crittenton Company.....	54,425	June 26	122	2994
Soap.....	William Waltke & Co.....	54,441	June 26	122	2995
Soap.....	Cresenola Soap Co.....	54,775	July 31	123	1657
Soap.....	Fels & Co.....	54,776	July 31	123	1687
Soap.....	Mazo Manufacturing Company.....	55,044	Aug. 7	123	1980
Soap.....	N. K. Fairbank Company.....	55,045	Aug. 7	123	1980
Soap.....	Compagnie Ray mit beschränk- ter Haftung.....	55,079	Aug. 7	123	1981
Soap.....	William Waltke & Co.....	55,474	Aug. 14	123	2304
Soap.....	Fels & Company.....	55,478	Aug. 14	123	2304
Soap.....	Colgate & Co.....	55,846	Aug. 21	123	2617
Soap.....	A. A. Stadler.....	56,798	Oct. 16	124	2175
Soap.....	Fels & Company.....	56,841	Oct. 23	124	2528
Soap.....	E. Conti & F.....	57,193	Nov. 6	125	344
Soap.....	Lever Brothers Company.....	57,369	Nov. 13	125	656
Soap.....	Lever Brothers Company.....	57,399	Nov. 13	125	657
Soap.....	Pitts Sanitary Company.....	57,400	Nov. 13	125	657
Soap.....	Pitts Sanitary Company.....	57,401	Nov. 13	125	657
Soap.....	Lever Brothers Company.....	57,536	Nov. 13	125	660
Soap.....	Fels & Company.....	57,674	Nov. 27	125	1340
Soap.....	Lever Brothers Company.....	57,713	Nov. 27	125	1341
Soap.....	Lever Brothers Company.....	57,714	Nov. 27	125	1341
Soap.....	N. K. Fairbank Company.....	57,738	Nov. 27	125	1341
Soap.....	Fairchild & Shelton Co.....	57,886	Dec. 4	125	1689
Soap.....	J. E. Athanassiades Sons.....	58,074	Dec. 4	125	1694
Soap.....	J. T. Robertson Company.....	58,080	Dec. 4	125	1694
Soap.....	David Brown & Son.....	58,438	Dec. 18	125	2353
Soap.....	Haskins Bros. & Co.....	58,443	Dec. 18	125	2353
Soap.....	Wiehle Soap Company.....	58,437	Dec. 18	125	2353
Soap.....	Johnson & Johnson.....	58,463	Dec. 18	125	2354
Soap.....	Lever Brothers Company.....	58,464	Dec. 18	125	2354
Soap.....	Lever Brothers Company.....	58,465	Dec. 18	125	2354
Soap.....	N. K. Fairbank Company.....	58,466	Dec. 18	125	2354
Soap.....	N. K. Fairbank Company.....	58,467	Dec. 18	125	2354
Soap.....	N. K. Fairbank Company.....	58,468	Dec. 18	125	2354
Soap.....	N. K. Fairbank Company.....	58,469	Dec. 18	125	2354
Soap.....	Colgate & Co.....	58,702	Dec. 25	125	2751
Soap and soap powder.....	Holbrook Mfg. Co.....	58,792	Dec. 25	125	2754
Soap and soap powder. Laundry and toilet.....	Beach Soap Company.....	49,372	Feb. 6	120	1813
Soap. Antiseptic and disinfectant mineral.....	Preston Manufacturing Company.....	53,731	June 12	122	2378
Soap. Bar.....	Wiehle Soap Company.....	54,421	June 26	122	2994
Soap. Bar.....	Wiehle Soap Company.....	54,440	June 26	122	2995
Soap. Borax.....	Pacific Coast Borax Company.....	50,383	Mar. 13	121	683
Soap. Borax.....	Pacific Coast Borax Company.....	50,555	Mar. 20	121	1007
Soap. Cake.....	A. Klipstein & Company.....	49,025	Jan. 23	121	1155
Soap. Cake.....	A. Klipstein & Company.....	51,694	Apr. 24	121	2650
Soap chips.....	J. T. Kenny & Co.....	50,682	Mar. 27	122	1369
Soap. Cleaning and polishing.....	Marshall Chemical Company.....	54,413	June 26	122	2994
Soap containing a fine grit.....	Kleanit Manufacturing Company.....	55,458	Aug. 14	123	2304
Soap. Fluid.....	R. Hudnut's Pharmacy.....	55,573	Aug. 14	123	2307
Soap for the cleaning and dressing of harness.....	Hoffheimer Soap Co.....	54,919	Aug. 7	123	1977
Soap for toilet, laundry, and general use.....	Procter & Gamble Co.....	54,415	June 26	122	2994
Soap. Glycerin.....	Mülhens & Kropff.....	51,386	Apr. 17	121	2311
Soap. Hand.....	American Perfumer Company.....	51,958	May 1	122	337
Soap. Harness.....	Pratt Food Company.....	56,623	Oct. 9	124	1839
Soap. Harness.....	Duranoid Mfg. Co.....	57,295	Nov. 13	125	655
Soap in the form of cakes or bars.....	C. W. Young & Co.....	51,365	Apr. 10	121	1974
Soap. Laundry.....	Maple City Soap Works.....	49,344	Jan. 30	120	1473
Soap. Laundry.....	Maple City Soap Works.....	49,345	Jan. 30	120	1473
Soap. Laundry.....	Magic Soap Co.....	49,387	Feb. 6	120	1813
Soap. Laundry.....	A. Conkling.....	49,638	Feb. 13	120	2118
Soap. Laundry.....	Prouty-Bowler Soap Company.....	51,044	Apr. 3	121	1667
Soap. Laundry.....	Troy Laundry Machinery Com- pany.....	52,671	May 15	122	1035
Soap. Laundry.....	J. G. Haas Soap Co.....	52,850	May 22	122	1384
Soap. Laundry.....	E. H. Gollings.....	53,310	May 29	122	1715
Soap. Laundry.....	F. P. Garrettson & Co.....	53,483	June 5	122	2051
Soap. Laundry.....	J. G. Haas Soap Co.....	54,429	June 26	122	2995
Soap. Laundry.....	J. G. Haas Soap Co.....	54,430	June 26	122	2995
Soap. Laundry.....	William Waltke & Co.....	54,539	June 26	122	2999
Soap. Laundry.....	J. G. Haas Soap Co.....	55,457	Aug. 14	123	2304
Soap. Laundry.....	J. G. Haas Soap Co.....	56,414	Sept. 25	124	1201
Soap. Laundry.....	William Waltke & Co.....	56,982	Oct. 30	124	2896
Soap. Laundry.....	Magic Keller Soap Works.....	57,198	Nov. 6	125	344
Soap. Laundry.....	C. W. Young & Co.....	57,258	Nov. 6	125	345
Soap. Laundry.....	La France Manufacturing Com- pany.....	58,081	Dec. 4	125	1694
Soap. Laundry.....	William Waltke & Co.....	58,458	Dec. 18	125	2353
Soap. Laundry and powdered.....	C. W. Young & Co.....	57,259	Nov. 6	125	345
Soap. Laundry and powdered.....	C. W. Young & Co.....	57,309	Nov. 13	125	654
Soap. Laundry and toilet.....	F. G. Burke.....	48,471	Jan. 2	120	316
Soap. Laundry and toilet.....	Magic Soap Co.....	49,388	Feb. 6	120	1813
Soap. Laundry and toilet.....	Grand Union Tea Co.....	52,300	May 8	122	714
Soap. Liquid.....	Wm. B. Riker & Son Co.....	58,471	Dec. 18	125	2354
Soap. Medicated.....	Dr. Charles Co.....	55,889	Aug. 21	123	2618
Soap. Medicated and perfumed.....	Potter Drug & Chemical Corpora- tion.....	49,675	Feb. 13	120	2119
Soap. Medicated and perfumed.....	Potter Drug & Chemical Corpora- tion.....	53,762	June 12	122	2379
Soap. Medicinal.....	Barclay & Barclay.....	53,946	June 19	122	2675
Soap. Medicinal.....	Barclay & Barclay.....	53,947	June 19	122	2675
Soap of paste-like consistency.....	H. A. Blakeslee.....	53,998	June 19	122	2677
Soap or paste. Cleaning.....	A. Chauvin.....	56,784	Oct. 16	124	2175

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Soap. Perfumed.....	Eugene Rimmel.....	51,581	Apr. 17	121	2319
Soap. Polishing.....	Kendall Mfg. Co.....	50,878	Apr. 3	121	1660
Soap powder.....	H. Knob.....	56,590	Oct. 9	124	1838
Soap powder combined with mineral ingredients.....	Cudahy Packing Co.....	50,697	Mar. 27	121	1339
Soap. Pumice.....	Iowa Soap Company.....	50,071	Mar. 6	121	325
Soap. Scouring.....	Bon Ami Company.....	49,628	Feb. 13	120	2117
Soap. Scouring.....	Bon Ami Company.....	50,848	Apr. 3	121	1658
Soap. Scrubbing.....	Fred Fear & Company.....	55,853	Aug. 21	123	2618
Soap. Shaving.....	J. B. Williams Company.....	56,242	Sept. 4	124	314
Soap. Soft.....	J. T. Kenny & Co.....	57,025	Oct. 30	124	2897
Soap. Substitute for.....	D. D. D. Company.....	56,787	Oct. 16	124	2175
Soap. Sulfur.....	Aschenbach & Miller.....	49,627	Feb. 13	120	2117
Soap. Tar.....	Pioneer Tar Soap Co.....	49,317	Jan. 30	120	1472
Soap. Tar.....	E. A. Olds.....	49,389	Feb. 6	120	1813
Soap. Toilet.....	D. R. Bradley & Son.....	50,536	Mar. 20	121	1097
Soap. Toilet.....	Medical Lake Salts Mfg. Co.....	50,885	Apr. 3	121	1660
Soap. Toilet.....	Pardridge & Blackwell.....	51,272	Apr. 10	121	1970
Soap. Toilet.....	C. W. Young & Co.....	51,366	Apr. 10	121	1974
Soap. Toilet.....	Cincinnati Soap Company.....	52,508	May 8	122	723
Soap. Toilet.....	Geo. A. Schmidt Co.....	53,341	May 29	122	1717
Soap. Toilet.....	Geo. A. Schmidt Co.....	53,976	June 19	122	2676
Soap. Toilet.....	Iowa Soap Company.....	54,786	July 31	123	1657
Soap. Toilet.....	J. G. Mouson & Co.....	54,789	July 31	123	1657
Soap. Toilet.....	D. R. Bradley & Son.....	58,100	Dec. 4	125	1694
Soap. Toilet.....	J. H. Woodbury.....	58,459	Dec. 18	125	2353
Soap. Toilet.....	J. H. Woodbury.....	58,460	Dec. 18	125	2353
Soap. Toilet and bath.....	A. Conkling.....	49,637	Feb. 13	120	2118
Soap. Toilet and laundry.....	Haskins Bros. & Co.....	49,653	Feb. 13	120	2118
Soap. Toilet and laundry.....	Maple City Soap Works.....	50,684	Mar. 27	121	1339
Soap. Toilet and laundry.....	Haskins Bros. & Co.....	50,903	Apr. 3	121	1661
Soap. Toilet and laundry.....	Ericka Mfg. Co.....	53,952	June 19	122	2675
Soap. Toilet and scouring.....	A. Rokeach.....	58,804	Dec. 25	125	2754
Soap. Toilet and shaving.....	Sanitol Chemical Laboratory Co.....	56,796	Oct. 16	124	2175
Soaps.....	J. F. G. de Roussy de Sales.....	51,454	Apr. 17	121	2314
Soaps.....	J. G. Mouson & Co.....	54,788	July 31	123	1657
Soaps.....	M. H. Johnston.....	56,791	Oct. 16	124	2175
Soaps.....	Lambert Pharmacal Co.....	57,563	Nov. 13	125	661
Soaps and soap powders.....	Colgate & Co.....	55,847	Aug. 21	123	2617
Soaps and soap powders.....	Colgate & Co.....	55,848	Aug. 21	123	2617
Soaps and soap powders.....	Colgate & Co.....	55,849	Aug. 21	123	2617
Soaps and soap powders.....	Colgate & Co.....	55,886	Aug. 21	123	2618
Soaps. Fluid.....	A. Wood.....	49,038	Jan. 23	120	1156
Soaps for toilet, laundry, and household use.....	Colgate & Co.....	54,002	June 19	122	2677
Soaps. Laundry.....	J. B. Mathis.....	53,953	June 19	122	2675
Soaps. Solid and liquid.....	E. A. Olds.....	50,334	Mar. 13	121	681
Soaps. Toilet.....	Mülhens & Kropff.....	50,685	Mar. 27	121	1339
Soaps. Toilet.....	Munyons Homoeopathic Home Remedy Co.....	52,040	May 1	122	340
Soaps. Toilet.....	D. S. Brown.....	55,203	Aug. 7	123	1984
Soaps. Toilet and medicated.....	Léhealol Preparation Co.....	54,787	July 31	123	1657
Soda and baking-powder. Baking.....	Church & Dwight Company.....	52,292	May 8	122	714
Soda and baking-powder. Baking.....	Church & Dwight Company.....	57,847	Nov. 27	125	1344
Soda and baking-powder. Baking.....	Church & Dwight Company.....	57,848	Nov. 27	125	1344
Soda and saleratus, baking-powder, and sal soda.....	Church & Dwight Company.....	55,665	Aug. 21	123	2613
Soda-ash.....	Kennicott Water Softener Company.....	57,629	Nov. 20	125	987
Soda-ash and caustic soda.....	Michigan Alkali Company.....	53,349	May 29	122	1717
Soda. Baking.....	E. Metzendorf.....	58,763	Dec. 25	125	2753
Soda. Bicarbonate of.....	Pennsylvania Salt Manuf'g Co.....	53,936	June 12	122	2386
Soda. Bicarbonate of.....	Pennsylvania Salt Manuf'g Co.....	56,050	Aug. 21	123	2623
Soda. Bicarbonate of.....	Church & Dwight Company.....	57,849	Nov. 27	125	1344
Soda. Carbonate of.....	Holbrook Mfg. Co.....	57,861	Nov. 27	125	1345
Soda, cream of tartar, and baking-powder. Baking.....	E. R. Durkee & Co.....	49,641	Feb. 13	120	2118
Soda, cream of tartar, and baking-powder. Baking.....	E. R. Durkee & Co.....	49,642	Feb. 13	120	2118
Soda, cream of tartar, and baking-powder. Baking.....	E. R. Durkee & Co.....	49,643	Feb. 13	120	2118
Soda, cream of tartar, and baking-powder. Baking.....	E. R. Durkee & Co.....	49,644	Feb. 13	120	2118
Soda-water.....	Cantrell & Cochrane.....	53,620	June 5	122	2057
Soda-water and syrup for the same. Aerated or carbonated bottled.....	B. H. McDonald.....	51,803	Apr. 24	121	2654
Soda-water. Non-alcoholic acidulated carbonated.....	C. H. House.....	55,685	Aug. 21	123	2613
Soda-water syrup and a drink made from such syrup.....	Wiley Manufacturing Co.....	50,489	Mar. 20	121	1005
Soda-water with or without the addition of flavoring materials.....	J. Matthews.....	55,764	Aug. 21	123	2615
Sodium phosphate. Liquid preparation of.....	Voigt & Co.....	51,361	Apr. 10	121	1974
Sodium theobromate and sodium salicylate. Preparations of.....	Knoll & Co.....	55,759	Aug. 21	123	2615
Sofas.....	Jamestown Lounge Co.....	58,366	Dec. 11	125	2042
Solder.....	National Lead Company.....	49,409	Feb. 6	120	1814
Solder.....	National Lead Company.....	54,250	June 26	122	2988
Solders, newspaper metals, and Babbitt metals.....	Mechanical Metal Mfg. Co.....	48,931	Jan. 16	120	897
Soldering fluid.....	Non-Corrosive Coating Co.....	50,821	Apr. 3	121	1657
Soldering-tools. Electric.....	L. P. Brown & Company.....	52,900	May 22	122	1386
Soluble oil and grease.....	Arabol M'f'g Co.....	54,806	July 31	123	1658
Solution for the treatment of the nose, mouth, and throat.....	M. I. Brandt.....	58,737	Dec. 25	125	2752
Soothing-syrup.....	Presto Pharmacal Company.....	51,097	Apr. 3	121	1669
Soothing-syrup.....	C. R. Kopp.....	51,172	Apr. 3	121	1672
Sound-records.....	American Record Co.....	55,323	Aug. 14	123	2300
Soups. Condensed.....	Joseph Campbell Company.....	48,461	Jan. 2	120	315
Soups. Condensed.....	Joseph Campbell Company.....	48,664	Jan. 9	120	649
Soups, vegetables, fruits, puddings, and catchup.....	Curtice Brothers Co.....	56,714	Oct. 16	124	2173
Souvenir articles.....	C. M. Robbins Co.....	50,667	Mar. 27	121	1338
Spades, shovels, and scoops.....	Avery Stamping Company.....	48,726	Jan. 9	120	651
Specific for all forms of female weakness and diseases.....	Elzena Company.....	57,021	Oct. 30	124	2897
Specific for certain named diseases.....	Nixie Cough Co.....	54,981	Aug. 7	123	1979
Specific for certain named diseases.....	Hentz Company.....	56,996	Oct. 30	124	2896
Specific for malaria.....	National Remedy Company.....	55,771	Aug. 21	123	2615
Specific for neuralgia and rheumatism.....	Mellier Drug Company.....	51,500	Apr. 17	121	2316

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Specific for rheumatism, gout, and neuralgia	F. A. Schulz	54,985	Aug. 7	123	1979
Specific for the treatment of whooping-cough	Kroto Pharmaceutical Company	52,455	May 8	122	721
Specific for treatment of the liver	B. S. Read	55,710	Aug. 21	123	2614
Specific for worms	National Remedy Company	55,774	Aug. 21	123	2615
Specific. Headache	Migranose Importing Co.	53,085	May 22	122	1393
Specific put up in tabular form. Headache	Migranose Importing Co.	50,382	Mar. 13	121	683
Spectacle and eyeglass frames	Bay State Optical Company	50,805	Apr. 3	121	1657
Spectacle and eyeglass frames and mountings	Merry Optical Company	56,502	Oct. 2	124	1517
Spectacle and eyeglass frames and mountings	Merry Optical Company	56,503	Oct. 2	124	1517
Spectacle and eyeglass frames and mountings	Merry Optical Company	58,222	Dec. 11	125	2038
Spectacles and eyeglass parts	C. A. Wilkinson & Co.	57,488	Nov. 13	125	659
Spectacles and eyeglasses and parts thereof	Southern Optical Company	53,989	June 19	122	2676
Spectacles and eyeglasses and their mountings and parts	Stevens and Company	52,381	May 8	122	718
Spectacles, eyeglasses, and lenses	A. K. Hawkes	52,953	May 22	122	1388
Specula	De Vilbiss Mfg. Co.	56,008	Aug. 21	123	2622
Spiced seasonings	William G. Bell Company	54,217	June 19	122	2685
Spiced seasonings	William G. Bell Company	54,218	June 19	122	2685
Spiced seasonings	William G. Bell Company	54,219	June 19	122	2685
Spiced seasonings	William G. Bell Company	56,477	Sept. 25	124	1203
Spices	E. B. Millar & Co.	49,070	Jan. 23	120	1157
Spices	E. R. Durkee & Co.	50,225	Mar. 6	121	331
Spices	A. Schilling & Company	50,448	Mar. 20	121	1003
Spices	A. Schilling & Company	50,662	Mar. 27	121	1338
Spices	Lehn & Fink	51,470	Apr. 17	121	3215
Spices	Sprague, Warner & Company	52,186	May 1	122	346
Spices	Oklahoma Wholesale Grocer Co.	52,887	May 22	122	1385
Spices	Gennerich & Von Bremen	52,976	May 22	122	1389
Spices	E. R. Durkee & Co.	53,095	May 29	122	1707
Spices	E. R. Durkee & Co.	53,096	May 29	122	1707
Spices	A. G. Groblewski	54,901	July 31	123	1660
Spices	A. Schilling & Company	58,664	Dec. 18	125	2359
Spices and mustard	E. R. Durkee & Co.	48,986	Jan. 16	120	899
Spices and mustard	Schwabacher Bros. & Co.	51,048	Apr. 3	121	1667
Spices and mustard	E. R. Durkee & Co.	52,296	May 8	122	714
Spices and mustard	E. R. Durkee & Co.	53,097	May 29	122	1707
Spices and mustard	Hulman & Co.	53,100	May 29	122	1707
Spices and mustard	E. R. Durkee & Co.	53,244	May 29	122	1713
Spices and mustard	E. R. Durkee & Co.	53,781	June 12	122	2380
Spices and mustard	E. R. Durkee & Co.	54,374	June 26	122	2992
Spices and mustard	Sprague, Warner & Company	54,393	June 26	122	2993
Spices and mustard	E. R. Durkee & Co.	54,546	June 26	122	3000
Spices and mustard	E. R. Durkee & Co.	55,448	Aug. 14	123	2304
Spices and mustard	Sprague, Warner & Company	55,465	Aug. 14	123	2304
Spices and mustard	Griggs, Cooper & Company	56,184	Aug. 28	123	2971
Spices. Ground	Citizens' Wholesale Supply Co.	50,452	Mar. 20	121	1003
Spices. Prepared	Jaburg Bros.	49,657	Feb. 13	120	2118
Spirits	Woolner & Company	57,287	Nov. 13	125	653
Spirits and essences. Liquid substitute for	J. Simson	57,872	Nov. 27	125	1345
Splints	J. Ellwood Lee Company	55,538	Aug. 14	123	2306
Spokes and nipples	Standard Company	54,949	Aug. 7	123	1978
Spool-cotton	Blodgett & Orswell Co.	52,033	May 1	122	340
Spool-cotton	Blodgett & Orswell Co.	52,088	May 1	122	342
Spool-cotton	John J. Clark & Co.	52,098	May 1	122	342
Spool-cotton	John J. Clark & Co.	52,099	May 1	122	342
Spool-cotton	John J. Clark & Co.	52,100	May 1	122	342
Spool-cotton	John J. Clark & Co.	52,101	May 1	122	342
Spool-cotton	John J. Clark & Co.	52,102	May 1	122	342
Spool-cotton and thread	American Thread Company	54,861	July 31	123	1659
Spool-cotton, sewing-cotton, and thread	American Thread Company	54,862	July 31	123	1659
Spool-cotton, sewing-cotton, and thread	American Thread Company	54,863	July 31	123	1659
Spool-cotton, sewing-cotton, and thread	American Thread Company	56,031	Aug. 21	123	2622
Spoons, forks, and knives. Certain named	Quaker Novelty Manufacturing Company	56,579	Oct. 9	124	1837
Spoons. Gold, silver, and plated	M. B. Logan	50,938	Apr. 3	121	1662
Sporting goods. Certain named	A. G. Spalding & Bros.	56,429	Sept. 25	124	1201
Sporting goods. Certain named	Wright & Ditson	57,086	Oct. 30	124	2898
Sporting goods. Certain named	A. J. Reach Co.	58,534	Dec. 18	125	2355
Spray for the treatment of diseases of the nose, throat, and ears.	M. I. Brandt	58,738	Dec. 25	125	2752
Oil					
Springs. Bed	Chas. A. Maish Co.	54,844	July 31	123	1650
Springwork and wire-spring supports for chairs, sofas, beds, and carriage-seats	Staples & Hanford Co.	48,725	Jan. 9	120	651
Sprinkler-heads and mammoth turret-nozzles. Automatic	American-La France Fire Engine Co.	57,933	Dec. 4	125	1690
Spurs, bits, and stirrups	A. Buermann	48,814	Jan. 16	120	892
Sputum-cups	Aseptic Drinking Cup Company	58,436	Dec. 18	125	2353
Squabs	E. E. Billings	53,775	June 12	122	2379
Stain for imitating natural wood on any surface	Heath & Milligan Mfg. Co.	57,708	Nov. 27	125	1341
Stain for imitating natural wood on any surface	Heath & Milligan Mfg. Co.	57,709	Nov. 27	125	1341
Stains	Nashville Chemical Company	53,957	June 19	122	2675
Stains. Shingle	Dexter Brothers Co.	53,951	June 19	122	2675
Stalk-cutters	Moline Plow Co.	56,019	Aug. 21	123	2622
Stamps for stamping trade-marks upon textiles	Kaunagraph Co.	54,575	June 26	122	3001
Stamps. Trading	Red Star Trading Stamp Co.	57,900	Dec. 4	125	1689
Staples, &c. Strips of united	E. H. Hotchkiss Co.	53,216	May 29	122	1711
Starch and dextrin	Norddeutsche Kartoffelmehl Fabrik mit beschränkter Haftung.	49,667	Feb. 13	120	2119
Starch. Corn and laundry	Francis H. Leggett & Company	48,657	Jan. 9	120	648
Starch. Corn and laundry	Francis H. Leggett & Company	48,658	Jan. 9	120	648
Starch for food purposes	A. E. Staley	55,577	Aug. 14	123	2307
Starch for laundry purposes. Lump	J. C. Hubinger Bros. Co.	49,903	Feb. 20	120	2437
Starch. Laundry	Celluloid Starch Company	49,688	Feb. 13	120	2120
Starch. Laundry	Celluloid Starch Company	49,689	Feb. 13	120	2120
Starch. Laundry	J. C. Hubinger Bros. Co.	49,862	Feb. 13	120	2436
Starch. Laundry	New York Glucose Co.	50,419	Mar. 13	121	684
Starch. Laundry	S. W. Noggle Wholesale & Mfg. Co.	51,165	Apr. 3	121	1672

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Starch. Laundry	Electric Lustre Starch Company	52,198	May 1	122	346
Starch. Laundry	New Orleans Coffee Co	52,304	May 8	122	714
Starch. Laundry	Troy Laundry Machinery Company.	54,563	June 26	122	3060
Starch. Laundry	Oswego Maize Products Co	54,173	June 19	122	2684
Starch. Laundry	New Orleans Coffee Co	54,576	June 26	122	3007
Starch. Laundry	Griggs, Cooper & Company	56,320	Sept. 11	124	619
Starch. Laundry	Fairchild & Shelton Co.	58,059	Dec. 4	125	1693
Starch. Laundry	H. Kohnstamm & Co.	58,105	Dec. 4	125	1695
Starch. Laundry	H. Kohnstamm & Co.	58,406	Dec. 11	125	2043
Starch. Laundry	H. Kohnstamm & Co.	58,407	Dec. 11	125	2043
Starch. Lump	Sprague, Warner & Company	55,833	Aug. 21	123	2617
Starch. Powdered laundry	Faultless Starch Co.	51,025	Apr. 3	121	1666
Stationery. Certain named articles of	E. Faber	51,227	Apr. 10	121	1969
Steam regulating devices, pumps, and engines	Mason Regulator Co.	58,494	Dec. 18	125	2354
Steel	Park Steel Company	49,163	Jan. 23	120	1161
Steel	Park Steel Company	49,164	Jan. 23	120	1161
Steel	Park Steel Company	49,869	Feb. 20	120	2436
Steel	Crucible Steel Company of America.	50,642	Mar. 27	121	1337
Steel	Crucible Steel Company of America.	50,643	Mar. 27	121	1337
Steel	Howe Brown & Co.	50,876	Apr. 3	121	1660
Steel	Crucible Steel Company of America.	50,897	Apr. 3	121	1660
Steel	Crucible Steel Company of America.	50,898	Apr. 3	121	1660
Steel	Crucible Steel Company of America.	50,899	Apr. 3	121	1660
Steel	Crucible Steel Company of America.	52,260	May 8	122	713
Steel	Crucible Steel Company of America.	52,261	May 8	122	713
Steel	Park Steel Company	52,277	May 8	122	713
Steel	Park Steel Company	52,278	May 8	122	713
Steel	Crucible Steel Company of America.	52,657	May 15	122	1035
Steel	Crucible Steel Company of America.	52,907	May 22	122	1386
Steel	Canton Steel Company	53,116	May 29	122	1708
Steel	Crucible Steel Company of America.	53,118	May 29	122	1708
Steel	Crucible Steel Company of America.	53,624	June 5	122	2057
Steel	Crucible Steel Company of America.	53,721	June 12	122	2377
Steel	Crucible Steel Company of America.	54,003	June 19	122	2677
Steel	Park Steel Company	54,019	June 19	122	2678
Steel	S. & C. Wardlow	54,299	June 26	122	2989
Steel	Howe, Brown & Co.	54,307	June 26	122	2990
Steel	Park Steel Company	54,361	June 26	122	2992
Steel	Singer, Nimick & Co.	54,367	June 26	122	2992
Steel	Crucible Steel Company of America.	54,739	June 26	122	3007
Steel	Crucible Steel Company of America.	56,033	Aug. 21	123	2622
Steel	Crucible Steel Company of America.	56,064	Aug. 21	123	2623
Steel	Walter Spencer & Co.	57,391	Nov. 13	125	656
Steel	Crucible Steel Company of America.	57,417	Nov. 13	125	657
Steel	Sanderson Brothers & Newbould.	57,475	Nov. 13	125	659
Steel	Walter Spencer & Co.	57,486	Nov. 13	125	659
Steel	Hobson, Houghton & Co.	57,506	Nov. 13	125	659
Steel	Seeböhm & Dieckstahl	57,612	Nov. 13	125	662
Steel and iron	Walter Spencer & Co.	57,617	Nov. 13	125	662
Steel and iron in bar, rod, rail, sheet, and wire	Seeböhm & Dieckstahl	54,765	June 26	122	3008
Steel and steel bars, rods, and sheets. Tool-	Hawkrigde Bros.	50,932	Apr. 3	121	1662
Steel and steel bars, rods, and sheets. Tool-	Hawkrigde Brothers.	51,349	Apr. 10	121	1973
Steel articles. Certain named forged-	James McKay Company.	56,720	Oct. 16	124	2173
Steel bars and sheets.	Hammacher, Delius & Co.	54,748	June 26	122	3008
Steel bars, plates, rods, and wire	Hobson Houghton & Co.	54,661	June 26	122	3004
Steel blanks, shapes, rods, billets, and sheets. Unmanufactured.	G. Nash.	52,625	May 15	122	1034
Steel. Cast-	Braeburn Steel Company.	51,759	Apr. 24	121	2652
Steel. Crucible, tool, drill, and pick.	Dunham, Carrigan & Hayden Company.	56,445	Sept. 25	124	1202
Steel, except sheet-steel. Unwrought and partly-wrought	Edgar Allen & Co.	57,450	Nov. 13	125	658
Steel, except steel balls. Cast-	W. T. Beesley & Co.	55,106	Aug. 7	123	1892
Steel-hardening solution.	F. W. Sangster	48,758	Jan. 9	120	652
Steel. High-speed cutting-	Firth-Sterling Steel Company	54,870	July 31	123	1659
Steel. High-speed tool-	Fuller Brothers & Co.	50,004	Feb. 27	120	2748
Steel household and cooking utensils. Enameled-	Central Stamping Company	54,572	June 26	122	3001
Steel in various forms	Edgar Allen & Co.	53,543	June 5	122	2054
Steel kitchen utensils. Enameled-	Wells & Nellegar Company.	54,070	June 19	122	2680
Steel. Magnet-	Firth-Sterling Steel Company	55,080	Aug. 7	123	1981
Steel or iron household utensils. Enameled.	Hibbard, Spencer, Bartlett & Company.	54,601	June 26	122	3002
Steel, raw or in blocks, bars, sheets, or plates	F. Bischoff	58,437	Dec. 18	125	2353
Steel. Tool-	Royal Metal Steel Co.	52,111	May 1	122	343
Steel. Tool-	Firth-Sterling Steel Company	54,871	July 31	123	1659
Steel. Tool-	Firth-Sterling Steel Company	57,410	Nov. 13	125	657
Steel. Tool-	J. J. Saville & Co.	57,459	Nov. 13	125	658
Steel. Tool-	Columbia Tool Steel Co.	58,181	Dec. 11	125	2037
Steel, unwrought and partly wrought	Edgar Allen & Co.	57,379	Nov. 13	125	656
Steel, unwrought and partly wrought.	Edgar Allen & Co.	57,380	Nov. 13	125	656

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Steel, unwrought and partly wrought.	Edgar Allen & Co.	57,424	Nov. 13	125	657
Steel, unwrought and partly wrought.	Jonas & Colver.	57,460	Nov. 13	125	658
Steel, unwrought and partly wrought.	Jonas & Colver.	57,461	Nov. 13	125	658
Steel, unwrought and partly wrought.	W. K. & C. Peace.	57,485	Nov. 13	125	659
Steel, unwrought and partly wrought, and wire made of steel.	Marsh Brothers Co.	57,428	Nov. 13	125	657
Steelware. Stamped.	Jacob J. Vollrath Mfg. Co.	49,799	Feb. 20	120	2433
Steelware. Hollow enameled.	Leffler, Thiele & Co.	52,886	May 22	122	1335
Steelware household articles. Enameled.	Lisk Manufacturing Co.	53,388	June 5	122	2047
Stencil-cutting machines.	Neostyle Company.	50,914	Apr. 3	121	1661
Stencil-duplicating machines and parts thereof.	Neostyle Company.	54,288	June 26	122	2989
Stockings.	Columbia Hosiery Co.	49,763	Feb. 13	120	2122
Stockings.	Columbia Hosiery Co.	50,760	Mar. 20	121	1008
Stockings.	Tefft Weller Company.	53,575	June 5	122	2055
Stockings.	Glidden, Hyde & Co.	56,983	Oct. 30	124	2896
Stockings.	Glidden, Hyde & Co.	56,984	Oct. 30	124	2896
Stockings.	Glidden, Hyde & Co.	56,985	Oct. 30	124	2896
Stockings. Elastic.	Pomeroy Company.	52,279	May 8	122	713
Stogies.	R. & W. Jenkinson Co.	50,015	Feb. 27	120	2748
Stogies.	J. Williams & Bros.	50,672	Mar. 27	121	1338
Stogies.	R. & W. Jenkinson Co.	50,737	Mar. 27	121	1341
Stogies and cigars.	E. H. Kerner.	58,231	Dec. 11	125	2039
Stogies and tobies.	S. Ewart & Co.	49,648	Feb. 13	120	2118
Stogies or tobies.	S. Ewart & Co.	49,647	Feb. 13	120	2118
Stomachic and carminative.	E. Dort.	52,170	May 1	122	345
Stone-root and gin.	W. L. Weller & Sons.	58,359	Dec. 11	125	2042
Stone used for rubbing purposes. Natural.	James H. Rhodes & Company.	51,445	Apr. 17	121	2314
Stones and hones. Oil, water, whet, and grind.	Scranton Whetstone and Abrasive Wheel Co.	54,021	June 19	122	2678
Stones and hones. Oil, whet, water, and grind.	Scranton Whetstone and Abrasive Wheel Company.	53,363	May 29	122	1718
Stones and hones. Oil, whet, water, and grind.	Scranton Whetstone and Abrasive Wheel Co.	53,364	May 29	122	1718
Stones and hones. Scythe and abrasive.	Morton Emery Wheel Company.	54,792	July 31	123	1657
Story-paper. Periodically-issued.	A. D. Porter Company.	52,842	May 22	122	1383
Stout.	Robert Smith Ale Brewing Company.	53,407	June 5	122	2048
Stout.	Robert Smith Ale Brewing Company.	53,408	June 5	122	2048
Stout.	J. Labatt.	55,209	Aug. 7	123	1985
Stove-polish.	Fritz Schulz Jun. Aktiengesellschaft.	48,781	Jan. 16	120	891
Stove-polish.	Eye Shine Polish Company.	49,852	Feb. 20	120	2435
Stove-polish.	Cochecho Specialty Company.	57,672	Nov. 27	125	1340
Stove-polish. Powdered.	X-Ray Stove Polish Co.	50,495	Mar. 20	121	1005
Stove-polish. Powdered.	X-Ray Stove Polish Co.	52,030	May 1	122	340
Stove polishes and varnishes.	John M. Wolf Company.	50,379	Mar. 13	121	683
Stoves.	Federal Stove Co.	55,980	Aug. 21	123	2621
Stoves and burners, gas-ranges, and ovens. Vapor.	American Stove Company.	57,435	Nov. 13	125	657
Stoves and furnaces.	F. & L. Kahn & Bros.	52,330	May 8	122	716
Stoves and furnaces. Heating.	Fieberger Heating Company.	52,263	May 8	122	713
Stoves and ranges.	Gem City Stove Co.	49,356	Jan. 30	120	1474
Stoves and ranges.	Liberty Stove Company.	49,907	Feb. 20	120	2437
Stoves and ranges.	Bergstrom Stove Co.	52,127	May 1	122	343
Stoves and ranges.	Latimer-Williams Manufacturing Company.	52,333	May 8	122	716
Stoves and ranges.	St. Louis Union Trust Company.	58,224	Dec. 11	125	2038
Stoves and ranges.	St. Louis Union Trust Company.	58,775	Dec. 25	125	2753
Stoves and ranges and repairs and parts therefor.	Sill Stove Works.	51,623	Apr. 17	121	2321
Stoves and ranges. Cook.	P. D. Beckwith.	56,454	Sept. 25	124	1202
Stoves and ranges. Heating and cooking.	Blakesley-Tuttle Stove Co.	58,213	Dec. 11	125	2038
Stoves, burners, and ovens. Certain named.	American Stove Company.	57,772	Nov. 27	125	1342
Stoves, burners, and ovens. Certain named.	American Stove Company.	57,773	Nov. 27	125	1342
Stoves, burners, and ovens. Gasolene or vapor.	American Stove Company.	56,910	Oct. 23	124	2529
Stoves, burners, and ovens. Gasolene or vapor.	American Stove Company.	57,936	Dec. 4	125	1690
Stoves, furnaces, and ranges.	Favorite Stove & Range Co.	48,952	Jan. 16	120	897
Stoves, furnaces, and ranges.	Favorite Stove & Range Co.	48,953	Jan. 16	120	897
Stoves, furnaces, and ranges.	P. D. Beckwith.	55,854	Aug. 21	123	2618
Stoves. Gas.	W. M. Crane Co.	53,026	May 22	122	1391
Stoves. Gas.	Gem City Stove Co.	53,122	May 29	122	1708
Stoves, heaters, and lamps and burners therefor. Oil.	Plume & Atwood Mfg. Co.	57,540	Nov. 13	125	660
Stoves, heaters, burners, and blow-lamps.	G. Barthel.	57,438	Nov. 13	125	658
Stoves. Heating and cooking.	Joliet Stove Works.	51,562	Apr. 17	121	2318
Stoves. Heating and cooking.	Joliet Stove Works.	51,654	Apr. 17	121	2322
Stoves. Heating and cooking.	Gem City Stove Manufacturing Co.	53,658	June 12	122	2375
Stoves. Heating and cooking.	Joliet Stove Works.	54,621	June 26	122	3002
Stoves, heating-stoves, and ranges. Cook.	A. Baldwin & Co.	49,897	Feb. 20	120	2437
Stoves. Portable.	G. P. Heckel.	57,781	Nov. 27	125	1343
Stoves, ranges, and furnaces.	Pittsburgh Hardware & Home Supply Company.	57,471	Nov. 13	125	658
Stoves, ranges, and furnaces.	Pittsburgh Hardware and Home Supply Company.	57,758	Nov. 27	125	1342
Stoves, ranges, and furnaces and castings therefor.	Gohmann Bros. & Kahler Co.	50,875	Apr. 3	121	1659
Stoves, ranges, and furnaces and parts thereof.	Scranton Stove Works.	50,344	Mar. 13	121	681
Stoves, ranges, and gas-stoves and attachments and parts and repairs therefor.	Sill Stove Works.	50,888	Apr. 3	121	1660
Stoves, ranges, attachments, parts, and repairs.	Sill Stove Works.	55,408	Aug. 14	123	2303
Stoves, ranges, furnaces, and boilers.	Barstow Stove Co.	49,269	Jan. 30	120	1470
Stoves, ranges, furnaces, and castings therefor.	Hibbard, Spencer, Bartlett & Company.	56,687	Oct. 16	124	2172
Stoves, ranges, furnaces, and heaters.	Co-Operative Foundry Co.	55,054	Aug. 7	123	1981
Stoves, ranges, furnaces, and parts thereof.	Scranton Stove Works.	48,940	Jan. 16	120	897
Stoves, ranges, furnaces, and radiators.	Union Stove Works.	57,987	Dec. 4	125	1692
Stoves, ranges, furnaces, and radiators.	Union Stove Works.	57,988	Dec. 4	125	1692
Stoves, ranges, furnaces, and radiators.	Union Stove Works.	57,989	Dec. 4	125	1692
Stoves, ranges, furnaces, and steam and hot-water heaters.	Co-Operative Foundry Co.	55,053	Aug. 7	123	1980

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Stoves, ranges, furnaces, heaters, and parts thereof.....	Magee Furnace Co.....	49,717	Feb. 13	120	2121
Stoves, ranges, gas-stoves, and attachments and parts and repairs therefor.....	Sill Stove Works.....	50,912	Apr. 3	121	1661
Stoves, ranges, heaters, furnaces, and parts thereof.....	Richardson & Boynton Company.....	51,570	Apr. 17	121	2319
Stoves. Removable oven for cooking.....	E. H. Huenefeld.....	48,480	Jan. 2	120	316
Stoves. Solid-fuel-burning heating and cooking.....	J. White & Son.....	53,133	May 29	122	1708
Stoves, vapor-burners, and ovens. Gasolene or vapor.....	American Stove Company.....	57,406	Nov. 13	125	657
Strawberry-hullers.....	Windsor Stephens & Co.....	57,954	Dec. 4	125	1691
Stringed instruments. Strings for.....	Lyon & Healy.....	57,623	Nov. 20	125	987
Sugar.....	Boston Molasses Co.....	49,066	Jan. 23	120	1157
Sugar.....	S. Ewart & Co.....	58,604	Dec. 18	125	2357
Sugar and molasses.....	R. C. Martin.....	54,379	June 26	122	2993
Suits for men and boys.....	T. Oakes & Co.....	49,240	Jan. 30	120	1469
Suits and overcoats for young men.....	Sykes & Ab. Kirschbaum & Co.....	53,610	June 5	122	2057
Suits and parts of suits. Children's.....	Jones Bros. Overall Company.....	53,830	June 12	122	2382
Suits. Boys'.....	H. A. Seinsheimer.....	51,538	Apr. 17	121	2317
Suits. Children's.....	C. W. Klemm.....	53,179	May 29	122	1710
Suits, vests, coats, &c. Men's and boys'.....	S. W. Peck & Company.....	58,374	Dec. 11	125	2042
Sulfur.....	San Francisco Sulphur Company.....	58,092	Dec. 4	125	1694
Sulfur. Flowers of.....	San Francisco Sulphur Company.....	58,090	Dec. 4	125	1694
Sulfur. Flowers of.....	San Francisco Sulphur Company.....	58,091	Dec. 4	125	1694
Sulfur. Sublimed.....	Holland & Holland.....	58,794	Dec. 25	125	2754
Sumac, gambier, oak, and hemlock extracts.....	G. H. Leonard & Co.....	52,464	May 8	122	721
Suppositories.....	Eli Lilly & Company.....	50,019	Feb. 27	120	2748
Suppositories.....	Dr. Pierre Chemical Company.....	51,636	Apr. 17	121	2321
Suppositories.....	W. Ernst.....	53,203	May 29	122	1711
Surgical apparatus. Certain named.....	Hospital Supply Company.....	58,950	Dec. 25	125	2758
Surgical bandages.....	M. Picot.....	58,449	Dec. 18	125	2353
Surgical belts and bandages.....	Sharp & Smith.....	48,805	Jan. 16	120	892
Surgical dressings.....	Johnson & Johnson.....	49,282	Jan. 30	120	1471
Surgical dressings.....	Johnson & Johnson.....	56,288	Sept. 4	124	315
Surgical dressings. Certain named.....	Red Cross Company.....	58,017	Dec. 4	125	1692
Suspenders.....	Morris Bros.....	49,043	Jan. 23	120	1156
Suspenders.....	Pioneer Suspender Company.....	52,371	May 8	122	717
Suspenders.....	A. C. Knothe.....	55,087	Aug. 7	123	1981
Suspenders.....	Gordon Manufacturing Company.....	55,699	Aug. 21	123	2611
Suspenders.....	Bond Manfg. Co.....	57,134	Nov. 6	125	342
Suspenders.....	C. A. Edgarton Manufacturing Company.....	57,138	Nov. 6	125	342
Suspenders.....	C. A. Edgarton Manufacturing Company.....	57,161	Nov. 6	125	343
Suspenders.....	C. A. Edgarton Manufacturing Company.....	57,290	Nov. 13	125	653
Suspenders.....	C. A. Edgarton Manufacturing Company.....	57,291	Nov. 13	125	653
Suspenders and braces.....	Harris Suspender Co.....	48,660	Jan. 9	120	648
Suspenders and braces. Men's.....	Harris Suspender Co.....	48,991	Jan. 16	120	899
Suspenders for wearing-apparel.....	R. F. Bartel.....	50,711	Mar. 27	121	1340
Suspenders, garters, neckties, &c.....	Hawley, Folsom & Ronimus.....	57,965	Dec. 4	125	1691
Suspenders. Men's.....	L. Oppenheimer's Sons.....	48,507	Jan. 2	120	317
Suspenders. Trousers.....	Gordon Manufacturing Company.....	51,027	Apr. 3	121	1666
Suspenders. Trousers.....	Weld, Colburn & Wilkens.....	53,193	May 29	122	1711
Suspensory bandages.....	J. Ellwood Lee Company.....	51,891	Apr. 24	121	2657
Suspensory bandages.....	J. Ellwood Lee Company.....	52,664	May 15	122	1035
Suspensory bandages.....	Johnson & Johnson.....	54,235	June 26	122	2987
Suspensory bandages.....	Johnson & Johnson.....	54,249	June 26	122	2988
Suspensory bandages.....	J. R. Somerville.....	57,478	Nov. 13	125	659
Suspensory bandages and jock-straps.....	S. H. Wetmore Co.....	50,629	Mar. 27	121	1337
Suspensory bandages and trusses.....	J. Ellwood Lee Company.....	52,422	May 8	122	719
Sweaters.....	Kahn & Mossbacher.....	58,592	Dec. 18	125	2357
Sweeping compounds.....	G. E. Cave.....	54,224	June 26	122	2987
Sweeping compounds.....	B. Zelle.....	58,126	Dec. 4	125	1695
Switches. Snap.....	Perkins Corporation.....	54,626	June 26	122	3003
Switchboard-cords.....	J. E. Crawford.....	49,966	Feb. 27	120	2746
Syringes.....	Johnson & Johnson.....	55,542	Aug. 14	123	2306
Syringes.....	Dr. Pierre Chemical Company.....	57,090	Nov. 6	125	341
Syrup.....	Griggs, Cooper & Company.....	51,132	Apr. 3	121	1671
Syrup.....	Sprague, Warner & Company.....	52,187	May 1	122	346
Syrup.....	Griggs, Cooper & Co.....	52,326	May 8	122	715
Syrup.....	Penick & Ford.....	54,385	June 26	122	2993
Syrup.....	Sprague, Warner & Company.....	55,466	Aug. 14	123	2304
Syrup.....	Sprague, Warner & Company.....	55,836	Aug. 21	123	2617
Syrup and molasses.....	Francis H. Leggett & Company.....	50,610	Mar. 27	121	1336
Syrup and molasses.....	National Grocer Company.....	52,182	May 1	122	343
Syrups, flavorings, tonics, and extracts for non-intoxicating aerated beverages.....	Brand Brothers Company.....	48,518	Jan. 2	120	317
Syrups, flavorings, tonics, and extracts for non-intoxicating beverages.....	Bovril Limited.....	48,907	Jan. 16	120	896
Syrup for certain named diseases.....	Hawaiian Specialty Co.....	58,754	Dec. 25	125	2753
Syrup for disguising quinin. Aromatic.....	Voigt & Co.....	53,263	May 29	122	1715
Syrup, honey, and sorghum.....	Griggs, Cooper & Company.....	56,333	Sept. 11	124	620
Syrup. Sugar and maple.....	Chicago Concentrating Company.....	53,305	May 29	122	1716
Syrup. Sugar-cane.....	Wilder & Buchanan.....	58,137	Dec. 4	125	1695
Syrups and molasses.....	Steuart, Knatz & Co.....	52,162	May 1	122	345
Syrups and molasses.....	Penick & Ford.....	54,384	June 26	122	2993
Syrups and molasses. Sugar-cane.....	Penick & Ford.....	54,577	June 26	122	3001
Syrups, molasses, and sorghum.....	M. H. Alexander Co.....	48,671	Jan. 9	120	649
Tabasco pepper and catsup. Extract of.....	New Iberia Extract of Tabasco Pepper Company.....	58,894	Dec. 25	125	2757
Tables.....	W. J. Maddox.....	54,852	July 31	123	1659
Tablets and writing-pads.....	O. W. Nottingham Co., (now "New Century Tablet Company.").....	55,906	Aug. 21	123	2619
Tablets for colds, coughs, and bronchial affections.....	J. H. Pine.....	58,987	Dec. 25	125	2759

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Tablets for diseases of the entire digestive tract.	Illinois Laboratories.	50,300	Mar. 6	121	334
Tablets for laxative and digestive purposes.	C. Leon.	58,832	Dec. 25	125	2755
Tablets for the cure of stomach troubles.	Myers Remedy Co.	58,083	Dec. 4	125	1694
Tablets, pastils, suppositories, &c.	A. M. Rinehart.	58,419	Dec. 11	125	2043
Tablets. Stomach-	J. W. Stahlberg.	57,546	Nov. 13	125	660
Tack and nail pullers.	General Specialty Company.	49,594	Feb. 13	120	2116
Tack-claws.	Whitman & Barnes Manufacturing Company.	52,874	May 22	122	1385
Tackle and hoisting blocks and sheaves for the same.	Boston and Lockport Block Company.	54,636	June 26	122	3003
Talking-machine records.	Victor Talking Machine Co.	49,364	Jan. 30	120	1474
Talking-machine records.	Victor Talking Machine Company.	49,985	Feb. 27	120	2747
Talking-machine records.	Victor Talking Machine Co.	54,368	June 26	122	2992
Talking-machine records.	Victor Talking Machine Co.	54,535	June 26	122	2999
Talking-machine records.	Victor Talking Machine Co.	54,536	June 26	122	2999
Talking-machine records.	Victor Talking Machine Company.	50,081	Mar. 6	121	325
Talking-machine records.	Englewood Co.	50,594	Mar. 27	121	1335
Talking-machine records.	Victor Talking Machine Company.	50,598	Mar. 27	121	1335
Talking-machine records.	Victor Talking Machine Company.	57,082	Oct. 30	124	2898
Talking-machine sound-boxes.	Victor Talking Machine Company.	49,984	Feb. 27	120	2747
Talking-machines.	Englewood Co. Consolidated Factories.	58,253	Dec. 11	125	2039
Talking-machines and parts thereof.	Victor Talking Machine Company.	50,082	Mar. 6	121	325
Talking-machines and parts thereof.	Victor Talking Machine Company.	55,410	Aug. 14	123	2303
Talking-machines and parts thereof.	Victor Talking Machine Company.	55,443	Aug. 14	123	2304
Talking-machines and parts thereof.	E. Desgrandchamps et Cie.	56,233	Sept. 4	124	314
Talking-machines and parts thereof.	Victor Talking Machine Company.	57,551	Nov. 13	125	661
Talking-machines and talking-machine parts and records.	Universal Talking Machine Manufacturing Company.	57,550	Nov. 13	125	661
Tanning extract.	Stamford Manufacturing Company.	50,398	Mar. 13	121	684
Tanning extract.	Stamford Mfg. Co.	51,507	Apr. 17	121	2316
Tanning extract.	Stamford Mfg. Co.	51,508	Apr. 17	121	2316
Tape. Dressmakers'.	Wm. E. Wright & Sons Co.	57,320	Nov. 13	125	654
Tapes, bindings, and braids. Woven.	Hoffman-Corr Mfg. Co.	58,344	Dec. 11	125	2041
Tapioca. Prepared.	Whitman Grocery Company.	52,119	May 1	122	343
Tap-receptacles.	Dale Company.	55,262	Aug. 14	123	2299
Taps.	Standard Tool Company.	49,983	Feb. 27	120	2747
Taps and bushes.	American Tap Bush Co.	48,446	Jan. 2	120	315
Taps, dies, and screw-plates.	Wells Brothers Company.	54,069	June 19	122	2680
Taps, dies, die-plates, drills, reamers, augers, and bits.	Fraser Company.	57,197	Nov. 6	125	344
Tar and pitch.	Barrett Manufacturing Company.	51,166	Apr. 3	121	1672
Tea.	Acker, Merrill & Condit Company.	48,974	Jan. 16	120	898
Tea.	Sherman Brothers and Company.	49,080	Jan. 23	120	1157
Tea.	Acker, Merrill & Condit Company.	50,007	Apr. 3	121	1665
Tea.	P. Desenberg & Co.	51,284	Apr. 10	121	1971
Tea.	W. E. Sibley.	51,333	Apr. 10	121	1973
Tea.	Sprague, Warner & Company.	51,484	Apr. 17	121	2315
Tea.	Hewlett & Lee.	51,792	Apr. 24	121	2653
Tea.	Hewlett & Lee.	51,816	Apr. 24	121	2654
Tea.	Charles & Co.	51,923	Apr. 24	121	2659
Tea.	Dolan Mercantile Co.	52,514	May 8	122	723
Tea.	Sprague, Warner & Company.	52,740	May 15	122	1038
Tea.	F. P. Garrettson & Co.	53,482	June 5	122	2051
Tea.	S. S. Pierce Co.	54,389	June 26	122	2993
Tea.	Chase & Sanborn.	54,422	June 26	122	2994
Tea.	A. Schilling & Co.	54,528	June 26	122	2999
Tea.	A. Schilling & Co.	54,529	June 26	122	2999
Tea.	F. P. Garrettson & Co.	55,177	Aug. 7	123	1984
Tea.	Chase & Sanborn.	55,236	Aug. 7	123	1985
Tea.	Sprague, Warner & Company.	55,623	Aug. 21	123	2612
Tea.	Chase & Sanborn.	55,664	Aug. 21	123	2613
Tea.	Sprague, Warner & Company.	56,181	Aug. 28	123	2971
Tea.	Peck Bros. & Winch.	56,505	Oct. 2	124	1517
Tea.	S. C. Smith & Co.	56,833	Oct. 23	124	2527
Tea.	B. E. Enge.	57,588	Nov. 13	125	662
Tea.	Geo. A. Young Co.	57,589	Nov. 13	125	662
Tea.	Griggs, Cooper & Company.	57,592	Nov. 13	125	662
Tea.	New York Coffee Company.	57,601	Nov. 13	125	662
Tea.	Acme Tea Company.	58,548	Dec. 18	125	2356
Tea.	Acme Tea Company.	58,549	Dec. 18	125	2356
Tea.	Lappin Tea Company.	58,558	Dec. 18	125	2356
Tea.	S. C. Smith & Co.	58,569	Dec. 18	125	2356
Tea.	Canada Brokerage Co.	58,783	Dec. 25	125	2754
Tea and coffee.	Mazawattee Tea Company.	56,990	Oct. 30	124	2896
Tea and coffee.	C. F. Blanke Tea & Coffee Co.	57,580	Nov. 13	125	661
Tea and coffee.	C. F. Blanke Tea & Coffee Co.	57,581	Nov. 13	125	661
Tea and coffee.	Mazawattee Tea Company.	57,621	Nov. 13	125	662
Tea and coffee pots.	Silver & Company.	53,794	June 12	122	2380
Tea and coffee pots and coffee-urns.	Silver & Company.	50,525	Mar. 20	121	1006
Tea and coffee pots and coffee-urns.	Silver & Company.	51,158	Apr. 3	121	1672
Tea and coffee pots and urns.	Silver & Company.	53,814	June 12	122	2381
Tea. Ceylon.	Jaburg Bros.	49,523	Feb. 6	120	1819
Tea. Japan.	Smith, Thorndike & Brown Co.	58,203	Dec. 11	125	2038
Teas.	Arbuckle Bros.	54,198	June 19	122	2685
Teas.	New Orleans Import Co.	55,184	Aug. 7	123	1984
Teas.	McCormick & Co.	58,984	Dec. 25	125	2759
Teas. Mixed.	New Orleans Import Co.	53,492	June 5	122	2052
Teas. Mixed.	New Orleans Import Co.	53,493	June 5	122	2052
Teeth and curing toothache. Compounds for filling.	A. E. Pratt.	54,679	June 26	122	3005
Teeth and parts connected therewith. Artificial.	Johnson & Lund.	49,524	Feb. 6	120	1819
Teeth and the mouth. Preparations for the cleansing and preservation of the	K. K. Landespriv. Milly-Kerzen-, Seifen- und Glycerin-Fabrik, von F. A. Sarg's Sohn & Co.	54,110	June 19	122	2680
Telephone signaling apparatus.	Dean Electric Company.	56,270	Sept. 4	124	314
Telephone sets.	Baird Manufacturing Company.	49,847	Feb. 20	120	2435

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Telephone-switchboards.....	Sumter Telephone Mfg. Co.....	52,861	May 22	122	1384
Telephone transmitters and receivers.....	Ericsson Telephone Company.....	52,567	May 15	122	1032
Telephones.....	Hutchison Acoustic Company.....	53,753	June 12	122	2379
Telephones and parts thereof.....	Hibbard, Spencer, Bartlett & Company.....	52,697	May 15	122	1036
Telescopes.....	F. B. Warner.....	56,857	Oct. 23	124	2528
Tetter cure.....	Hooper Medicine Company.....	53,313	May 29	122	1716
Textiles. Certain named.....	Everett Mills.....	55,604	Aug. 21	123	2611
Textiles. Certain named.....	G. Willis & Co.....	55,796	Aug. 21	123	2616
Textiles. Certain named.....	F. Loeser & Co.....	56,766	Oct. 16	124	2174
Textiles. Certain named.....	Cumner, Jones & Co.....	57,139	Nov. 6	125	342
Textiles. Certain named.....	F. W. Thompson.....	57,314	Nov. 13	125	654
Thermometers and telethermometers.....	Bristol Company.....	55,533	Aug. 14	123	2306
Thread.....	Nonotuck Silk Company.....	50,194	Mar. 6	121	330
Thread. All kinds of cotton.....	Clark Thread Co.....	55,558	Aug. 14	123	2307
Thread and darning and crochet cotton. Cotton.....	Clark Mile-End Spool Cotton Co.....	54,324	June 26	122	2990
Thread and spool and sewing cotton.....	American Thread Company.....	58,270	Dec. 11	125	2040
Thread and spool and sewing cotton.....	American Thread Company.....	58,271	Dec. 11	125	2040
Thread and spool and sewing cotton.....	American Thread Company.....	58,272	Dec. 11	125	2040
Thread and yarn.....	Smith & Dove Mfg. Co.....	57,982	Dec. 4	125	1692
Thread. Cotton.....	Clark Mile-End Spool Cotton Co.....	49,298	Jan. 30	120	1471
Thread. Cotton.....	Clark Mile-End Spool Cotton Co.....	52,355	May 8	122	717
Thread. Cotton.....	Jonas Brook & Bros.....	54,236	June 26	122	2987
Thread. Cotton.....	Clark Mile-End Spool Cotton Co.....	54,443	June 26	122	2995
Thread. Cotton.....	Jonas Brook & Bros.....	54,666	June 26	122	3004
Thread. Cotton.....	Jonas Brook & Bros.....	55,568	Aug. 14	123	2307
Thread. Cotton.....	Clark Mile-End Spool Cotton Co.....	57,376	Nov. 13	125	656
Thread. Cotton.....	H. E. Locke.....	57,413	Nov. 13	125	657
Thread. Cotton.....	Clark Thread Co.....	57,777	Nov. 27	125	1342
Thread. Cotton.....	Clark Thread Co.....	57,778	Nov. 27	125	1342
Thread. Linen.....	L. Lichtenstein's Sons.....	53,252	May 29	122	1713
Thread of all kinds. Cotton.....	Clark Thread Co.....	54,654	June 26	122	3004
Thread of all kinds. Cotton.....	Clark Thread Co.....	54,934	Aug. 7	123	1977
Thread. Sewing.....	Jas. Chadwick & Bror.....	56,842	Oct. 23	124	2528
Thread. Sewing.....	John J. Clark & Co.....	57,785	Nov. 27	125	1343
Thread. Silk.....	A. H. Rice & Co.....	53,104	May 29	122	1707
Thread, spool and sewing cotton.....	American Thread Company.....	58,573	Dec. 18	125	2355
Thread, spool, knitting, and darning cotton. Cotton.....	Bullard Thread Co.....	58,972	Dec. 25	125	2759
Thread. Vamping.....	Clark Thread Co.....	56,110	Aug. 28	123	2969
Threads and cords. Silk.....	Brainerd & Armstrong Company.....	53,999	June 19	122	2677
Threads and yarns. Flax.....	Smith & Dove Mfg. Co.....	58,928	Dec. 25	125	2757
Threads, chenille, and arrasene.....	Henry E. Frankenberg Company.....	49,051	Jan. 23	120	1156
Threads, chenille, tinsel, and arrasene.....	Henry E. Frankenberg Company.....	49,275	Jan. 30	120	1470
Threads. Cotton, silk, hemp, and other fiber.....	Singer Manufacturing Company.....	50,195	Mar. 6	121	330
Ticket issuing and recording machines.....	Ohmer Fare Register Co.....	50,823	Apr. 3	121	1657
Tickings.....	Eagle & Phenix Mills.....	51,021	Apr. 3	121	1666
Tickings.....	Eagle & Phenix Mills.....	51,022	Apr. 3	121	1666
Tickings.....	Eagle & Phenix Mills.....	51,128	Apr. 3	121	1670
Time-registers.....	Dey Time Register Co.....	54,162	June 19	122	2683
Time-registers.....	Dey Time Register Co.....	54,163	June 19	122	2683
Time-registers.....	Dey Time Register Co.....	54,164	June 19	122	2683
Time-registers.....	Dey Time Register Co.....	54,165	June 19	122	2683
Tin and sheet-metal articles. Certain named.....	Stuber & Kuck.....	56,569	Oct. 9	124	1837
Tin and terne plates.....	Follansbee Brothers Company.....	51,209	Apr. 10	121	1968
Tin and terne plates.....	Follansbee Brothers Company.....	51,210	Apr. 10	121	1968
Tin and terne plates.....	Follansbee Brothers Company.....	51,229	Apr. 10	121	1969
Tin and terne plates.....	Follansbee Brothers Company.....	51,230	Apr. 10	121	1969
Tin and terne plates.....	Follansbee Brothers Company.....	51,231	Apr. 10	121	1969
Tin and terne plates.....	Follansbee Brothers Company.....	51,232	Apr. 10	121	1969
Tin and terne plates.....	Follansbee Brothers Company.....	51,233	Apr. 10	121	1969
Tin and terne plates.....	Follansbee Brothers Company.....	51,342	Apr. 10	121	1973
Tin and terne plates.....	Follansbee Brothers Company.....	51,343	Apr. 10	121	1973
Tin and terne plates.....	Follansbee Brothers Company.....	51,344	Apr. 10	121	1973
Tin and terne plates.....	Follansbee Brothers Company.....	51,345	Apr. 10	121	1973
Tin and terne plates.....	Follansbee Brothers Company.....	51,346	Apr. 10	121	1973
Tin and terne plates.....	Follansbee Brothers Company.....	51,347	Apr. 10	121	1973
Tin and terne plates.....	Follansbee Brothers Company.....	51,639	Apr. 17	121	2321
Tin and terne plates.....	Follansbee Brothers Company.....	51,640	Apr. 17	121	2321
Tin and terne plates.....	Follansbee Brothers Company.....	51,641	Apr. 17	121	2321
Tin and terne plates.....	Follansbee Brothers Company.....	51,642	Apr. 17	121	2321
Tin and terne plates.....	Follansbee Brothers Company.....	51,986	May 1	122	338
Tin and terne plates.....	Follansbee Brothers Company.....	53,120	May 29	122	1708
Tin and terne plates.....	Follansbee Brothers Company.....	56,090	Aug. 21	123	2304
Tin and terne plates.....	Follansbee Brothers Company.....	55,450	Aug. 14	123	2623
Tin and terne plates.....	Follansbee Brothers Company.....	55,451	Aug. 14	123	2304
Tin and terne plates.....	N. & G. Taylor Co.....	56,068	Aug. 21	123	2624
Tin cooking utensils.....	Lisk Manufacturing Co.....	53,404	June 5	122	2048
Tin culinary articles.....	Lisk Manufacturing Co.....	53,756	June 12	122	2379
Tin culinary utensils.....	Reed Manufacturing Co.....	53,150	May 29	122	1709
Tin kitchen utensils.....	Hibbard, Spencer, Bartlett & Company.....	54,042	June 19	122	2678
Tin-plate.....	Manogue-Pidgeon Iron Company.....	56,616	Oct. 9	124	1838
Tin. Plate and roofing.....	J. Meurer.....	51,971	May 1	122	337
Tin. Plate and roofing.....	J. Meurer.....	51,972	May 1	122	337
Tin plates and roofing-tin.....	J. Meurer.....	51,712	Apr. 24	121	2650
Tin plates and roofing-tin.....	J. Meurer.....	51,745	Apr. 24	121	2652
Tin plates and roofing-tin.....	J. Meurer.....	51,746	Apr. 24	121	2652
Tire-bolts.....	Russell, Burdsall & Ward Bolt & Nut Co.....	48,695	Jan. 9	120	650
Tire bolts and rivets.....	American Screw Company.....	54,928	Aug. 7	123	1977
Tire-protectors.....	Adwear Auto Tire-Sleeve Company.....	58,513	Dec. 18	125	2355
Tires for vehicle-wheels. Rubber.....	Electric Rubber Manufacturing Company.....	55,346	Aug. 14	123	2301
Tires for vehicles. Rubber.....	Baker & Hamilton.....	57,622	Nov. 20	125	987

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Tires. Leather.....	Salisbury Tire Co.....	57,030	Oct. 30	124	2897
Tires. Pneumatic.....	B. F. Goodrich Company.....	53,744	June 12	122	2378
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,698	Oct. 16	124	2172
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,752	Oct. 16	124	2174
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,753	Oct. 16	124	2174
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,754	Oct. 16	124	2174
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,755	Oct. 16	124	2174
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,756	Oct. 16	124	2174
Tires. Rubber.....	Goodyear Tire and Rubber Company.....	56,941	Oct. 23	124	2530
Toast. Granulated.....	D. J. Etly.....	50,588	Mar. 27	121	1335
Tobacco and cigarettes. Smoking.....	Victor Talking Machine Co.....	54,027	June 19	122	2678
Tobacco and smoking-tobacco. Plug chewing.....	H. N. Martin & Co.....	51,385	Apr. 17	121	2311
Tobacco and snuff. Smoking and chewing.....	Bernard Gebrüder.....	55,530	Aug. 14	123	2306
Tobacco and tobacco products.....	G. W. Chase & Son Mercantile Co.....	49,374	Feb. 6	120	1813
Tobacco. Any form of smoking or chewing.....	Nashville Tobacco Works.....	51,402	Apr. 17	121	2312
Tobacco-boxes. Metallic pocket.....	J. Sutherland.....	57,951	Dec. 4	125	1691
Tobacco. Chewing.....	Ryan-Hampton Tobacco Co.....	50,910	Apr. 3	121	1661
Tobacco. Chewing.....	Bailey Brothers.....	54,770	July 31	123	1657
Tobacco. Chewing.....	Butler-Butler.....	55,033	Aug. 7	123	1980
Tobacco. Chewing.....	Ryan-Hampton Tobacco Co.....	55,461	Aug. 14	123	2304
Tobacco. Chewing.....	H. B. Scott Tobacco Co.....	58,442	Dec. 18	125	2353
Tobacco. Chewing and smoking.....	Bloch Brothers Tobacco Company.....	49,061	Jan. 23	120	1157
Tobacco. Chewing and smoking.....	R. Harris & Bro.....	51,420	Apr. 17	121	2313
Tobacco. Chewing and smoking.....	Hoffman and Co.....	52,486	May 8	122	722
Tobacco. Chewing and smoking.....	Bloch Bros. Tobacco Co.....	52,944	May 22	122	1387
Tobacco. Chewing and smoking.....	Smith & Scott Tobacco Co.....	54,532	June 26	122	2999
Tobacco. Chewing and smoking.....	Bloch Brothers Tobacco Company.....	56,203	Sept. 4	124	313
Tobacco, chewing-tobacco, snuff, and tobacco extracts. Smoking.....	Republic of France.....	51,452	Apr. 17	121	2314
Tobacco. Especially high grade of plug.....	Ryan-Hampton Tobacco Co.....	50,909	Apr. 3	121	1661
Tobacco. Granulated smoking.....	F. R. Penn Tob. Co.....	50,735	Mar. 27	121	1341
Tobacco. High grade of chewing.....	Ryan-Hampton Tobacco Co.....	50,692	Mar. 27	121	1339
Tobacco in cigar form. Chewing.....	A. Marschner.....	50,857	Apr. 3	121	1659
Tobacco "in the hand." Leaf.....	J. M. Buckner, Jr., & Co.....	54,543	June 26	122	2999
Tobacco. Leaf, smoking, and chewing.....	Independent Tobacco Manufacturers Promoting Company.....	54,447	June 26	122	2996
Tobacco. Long-cut smoking and chewing.....	Hansen-Schmitt Co.....	55,155	Aug. 7	123	1983
Tobacco. Natural-leaf twist.....	Ryan-Hampton Tobacco Co.....	56,421	Sept. 25	124	1201
Tobacco. Pipe and cigarette.....	Surburg Company.....	55,253	Aug. 7	123	1986
Tobacco-pipes, cigar and cigarette tubes.....	Adolph Frankau & Co.....	53,112	May 29	122	1708
Tobacco-pipes, cigar and cigarette tubes.....	Adolph Frankau & Co.....	53,968	June 19	122	2676
Tobacco-pipes. Wooden.....	Loewé & Co.....	57,789	Nov. 27	125	1343
Tobacco. Plug.....	Ryan-Hampton Tobacco Co.....	52,616	May 15	122	1033
Tobacco. Plug chewing.....	Gilbert Son & Co.....	50,680	Mar. 27	121	1339
Tobacco. Plug chewing.....	S. F. Haserot.....	51,842	Apr. 24	121	2655
Tobacco. Plug cut.....	Weisert Brothers Tobacco Company.....	50,739	Mar. 27	121	1341
Tobacco. Plug, cut-plug, and smoking.....	J. G. Dill.....	50,098	Mar. 6	121	326
Tobacco pouches and receptacles. Certain named.....	Adolph Frankau & Co.....	55,031	Aug. 7	123	1980
Tobacco-pouches. Rubber or gutta-percha.....	Adolph Frankau & Co.....	54,054	June 19	122	2679
Tobacco products. Certain named.....	N. Divvins.....	56,788	Oct. 16	124	2175
Tobacco products. Certain named.....	C. C. Rahn.....	56,991	Oct. 30	124	2896
Tobacco. Smoking.....	Brittain Tobacco Works.....	51,395	Apr. 17	121	2312
Tobacco. Smoking.....	Republic of France.....	51,453	Apr. 17	121	2314
Tobacco. Smoking.....	Brittain Tobacco Works.....	51,879	Apr. 24	121	2657
Tobacco. Smoking.....	Butler-Butler.....	52,061	May 1	122	341
Tobacco. Smoking.....	Blackwell's Durham Tobacco Co.....	54,491	June 26	122	2997
Tobacco. Smoking.....	Butler-Butler.....	54,774	July 31	123	1657
Tobacco. Smoking.....	Butler-Butler.....	55,146	Aug. 7	123	1983
Tobacco. Smoking.....	R. Harris & Bro.....	55,156	Aug. 7	123	1983
Tobacco. Smoking.....	J. F. Zahm Tobacco Co.....	55,244	Aug. 7	123	1986
Tobacco. Smoking.....	J. F. Zahm Tobacco Co.....	55,856	Aug. 21	123	2618
Tobacco. Smoking.....	Axton-Fisher Tobacco Company.....	56,332	Sept. 11	124	620
Tobacco. Smoking.....	A. A. Koháry.....	57,117	Nov. 6	125	341
Tobacco. Smoking and chewing.....	J. A. Clark.....	48,776	Jan. 16	120	891
Tobacco. Smoking and chewing.....	Hoffman and Co.....	49,377	Feb. 6	120	1813
Tobacco. Smoking and chewing.....	Gilbert, Son & Co.....	52,419	May 8	122	719
Tobacco. Smoking and chewing.....	Independent Snuff Company.....	53,315	May 29	122	1716
Tobacco. Smoking and chewing.....	Fuhrer Tobacco Company.....	53,340	May 29	122	1717
Tobacco. Smoking and chewing.....	H. Rippen.....	55,249	Aug. 7	123	1986
Tobacco. Smoking and chewing.....	Herman Rippen.....	55,576	Aug. 14	123	2307
Tobacco. Smoking and chewing.....	Western Tobacco Works.....	56,219	Sept. 4	124	313
Tobacco. Smoking and chewing.....	Penn Tobacco Co.....	57,080	Oct. 30	124	2898
Tobacco. Smoking and chewing.....	Independent Snuff Co.....	57,091	Nov. 6	125	341
Tobacco. Smoking and chewing.....	Hoffman and Co.....	57,114	Nov. 6	125	341
Tobacco. Smoking and chewing.....	Independent Snuff Co.....	57,966	Dec. 4	125	1691
Tobacco. Smoking and chewing.....	H. Rippen.....	58,451	Dec. 18	125	2353
Tobacco. Smoking and chewing.....	Independent Snuff Co.....	58,490	Dec. 18	125	2354
Tobacco. Smoking and chewing.....	J. Scharf.....	58,772	Dec. 25	125	2753
Tobacco. Smoking and chewing long-cut.....	Hansen-Schmitt Co.....	54,445	June 26	122	2995
Tobacco. Smoking, chewing, and cigarette.....	A. A. Koháry.....	54,499	June 26	122	2998
Tobacco. Smoking or chewing.....	Nashville Tobacco Works.....	54,471	June 26	122	2997
Tobacco. Smoking or chewing.....	Nashville Tobacco Works.....	54,472	June 26	122	2997
Tobacco. Smoking or chewing.....	Nashville Tobacco Works.....	54,473	June 26	122	2997
Tobacco. Smoking or chewing.....	Nashville Tobacco Works.....	54,474	June 26	122	2997
Tobacco twists.....	Robards Tobacco Company.....	58,501	Dec. 18	125	2355
Tobaccoes. Manufactured plug, twist, and cut.....	Zimmer & Co.....	55,868	Aug. 21	123	2618

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Toilet articles. Certain named	J. C. Dowd & Co.	54,325	June 26	122	2909
Toilet-cases. Traveling	W. E. Disbrow	50,126	Mar. 6	121	327
Toilet cream	J. M. Grosvenor & Co.	49,563	Feb. 13	120	2115
Toilet lotion	M. E. Waite	52,256	May 1	122	3482
Toilet powder	Byron C. Gould	49,119	Jan. 23	120	1159
Toilet preparation. Certain named	Kny-Scheerer Company	51,326	Apr. 10	121	1973
Toilet preparations. Certain named	Dr. J. Parker Pray Company	54,971	Aug. 7	123	1978
Toilet preparations. Certain named	E. A. Twist	55,722	Aug. 21	123	2614
Toilet preparations. Certain named	Citizens' Wholesale Supply Co.	55,809	Aug. 21	123	2616
Toilet preparations. Certain named	S. H. Smith	56,669	Oct. 16	124	2172
Toilet preparations. Certain named	J. J. Murphy	57,867	Nov. 27	125	1345
Toilet wash for the skin	R. Glaub	50,720	Mar. 27	121	1340
Toilet water	R. Hudnut's Pharmacy	49,485	Feb. 6	120	1817
Toilet water and liquid perfume	R. Hudnut's Pharmacy	58,048	Dec. 4	125	1093
Toilet water and liquid perfumes	R. Hudnut's Pharmacy	49,221	Jan. 30	120	1468
Toilet waters	E. Pinet	50,987	Apr. 3	121	1664
Tom and jerry	A. Reinert	56,082	Aug. 21	123	2624
Tonic	Nutrolactis Co.	48,705	Jan. 9	120	650
Tonic	J. J. McCrohan	48,859	Jan. 16	120	894
Tonic	J. Corato	49,807	Feb. 20	120	2433
Tonic	Colburn, Birks & Co.	50,224	Mar. 6	121	331
Tonic	C. F. Taylor	51,947	Apr. 24	121	2660
Tonic	M. T. Goldman	52,138	May 1	122	3447
Tonic	H. R. Myers	55,700	Aug. 21	123	2614
Tonic	C. Reinschild	57,870	Nov. 27	125	1345
Tonic	Raimer Heiny Co.	58,418	Dec. 11	125	2043
Tonic	W. L. Milner & Company	58,779	Dec. 25	125	2754
Tonic	A. Breslauer Company	58,937	Dec. 25	125	2758
Tonic and beverage. Tomato	Raimer-Heiny Co.	54,177	June 19	122	2684
Tonic and flavoring. Compound used as a	B. F. Miner	54,063	June 19	122	2679
Tonic and general stimulant	Mellier Drug Company	51,499	Apr. 17	121	2314
Tonic and remedy for certain named diseases	Quinine-Whiskey Co.	57,062	Oct. 30	124	2898
Tonic and restorative. Uterine	Rio Chemical Co.	49,814	Feb. 20	120	2434
Tonic and sarsaparilla. Celery	Schöneberger and Noble	56,595	Oct. 9	124	1838
Tonic and sedative. Uterine	Eli Lilly & Company	49,545	Feb. 6	120	1820
Tonic and strengthening compounds	C. L. M. Omnes	55,775	Aug. 21	123	2616
Tonic beverage	C. D. Bradham	55,199	Aug. 7	123	1984
Tonic beverage	Salt Lake City Soda Water Co.	52,218	May 1	122	347
Tonic beverage and extract for making same. Carbonated	Blue Seal Supply Co.	52,945	May 22	122	1387
Tonic beverage. Carbonated	C. C. Copeland	53,592	June 5	122	2056
Tonic beverage. Carbonated	J. Ries	53,644	June 5	122	2058
Tonic beverage. Carbonated	Boonville Mineral Spring Co.	54,464	June 26	122	2996
Tonic beverage. Carbonated	J. Ries	54,610	June 26	122	3002
Tonic beverage. Carbonated non-intoxicating	A. R. Champney Co.	56,344	Sept. 11	124	620
Tonic beverage. Carbonated non-intoxicating	Heinzerling & Co.	54,511	June 26	122	2998
Tonic beverage. Carbonated non-intoxicating	Heinzerling & Co.	54,512	June 26	122	2998
Tonic beverage. Carbonated non-intoxicating	Heinzerling & Co.	54,600	June 26	122	3002
Tonic beverage. Celery	S. Levinson	55,210	Aug. 7	123	1985
Tonic beverage. Non-alcoholic	Jno. Hinton	51,443	Apr. 17	121	2316
Tonic beverage. Non-alcoholic	Cal-y-cine Co.	58,276	Dec. 11	125	2040
Tonic beverage. Non-medicinal	E. R. V. Harrison	58,021	Dec. 4	125	1692
Tonic beverage. Stimulating and non-intoxicating	I needa-Cofpho Co.	49,379	Feb. 6	120	1813
Tonic beverages and extracts for making the same	Wharton Chemical Co.	50,492	Mar. 20	121	1005
Tonic beverages and syrups for the same. Aerated	Dr. Pepper Co.	50,668	Mar. 27	121	1338
Tonic beverages and syrups therefor	J. A. Selby	56,382	Sept. 18	124	902
Tonic beverages. Carbonated	Reavis Distributing Co.	56,879	Oct. 23	124	2529
Tonic beverages. Non-alcoholic	C. D. Bradham	51,959	May 1	122	337
Tonic beverages. Sparkling, effervescent	Rumford Chemical Works	51,387	Apr. 17	121	2311
Tonic bitters	F. F. Stuart	56,693	Oct. 16	124	2172
Tonic, blood-purifier, and remedy for constipation	C. J. Chapple	57,846	Nov. 27	125	1344
Tonic cordial	Voigt & Co.	53,213	May 29	122	1711
Tonic, digestive, and nutrient preparation	Charles N. Crittenton Company	53,847	June 12	122	2382
Tonic for chills and fevers	N. J. Paschall	55,776	Aug. 21	123	2616
Tonic for rheumatism	Feeney & Pallotto	54,328	June 26	122	2991
Tonic for the regulation of the alimentary organs	Brand Brothers Company	52,451	May 8	122	720
Tonic for the scalp and skin	G. Tosen	53,061	May 22	122	1392
Tonic. Laxative	J. Rosenberg	57,541	Nov. 13	125	660
Tonic, laxative, and blood-purifying medicine. Liver-	Holland Medicine Company	58,755	Dec. 25	125	2753
Tonic. Malt	McAroy Brewing Co.	48,930	Jan. 16	120	896
Tonic. Malt	Independent Brewing Ass'n.	49,154	Jan. 23	120	1160
Tonic. Malt	Independent Brewing Ass'n.	57,076	Oct. 30	124	2898
Tonic. Malt	Pabst Brewing Company	57,333	Nov. 13	125	655
Tonic. Malt	Pabst Brewing Company	57,336	Nov. 13	125	655
Tonic. Malt	Pabst Brewing Company	57,343	Nov. 13	125	655
Tonic. Nerve and nutritive	Geo. A. Newman Co.	51,234	Apr. 10	121	1969
Tonic or nutriment. Blood	Charles Hammesfahr Company	50,223	Mar. 6	121	331
Tonic pastils	J. Bengué	58,824	Dec. 25	125	2755
Tonic. Phosphatic	Bios Laboratory Co.	49,881	Feb. 20	120	2436
Tonic. Powdered nerve and muscle	E. T. Richards	52,500	May 8	122	723
Tonic, reconstructive histogenetic	T. W. Stemmler	55,721	Aug. 21	123	2614
Tonic, reconstructive histogenetic	T. W. Stemmler	56,263	Sept. 4	124	314
Tonic remedy for certain named diseases	A. B. Richards	54,983	Aug. 7	123	1979
Tonic vermifuge	Dr. D. Jayne & Son	56,870	Oct. 23	124	2528
Tonics	Katharmon Chemical Co.	49,525	Feb. 6	120	1819
Tonics	S. Iseman	49,568	Feb. 13	120	2115
Tonics	F. A. Luyties	49,588	Feb. 13	120	2116
Tonics	Wintersmith Medicine Co.	51,112	Apr. 3	121	1670
Tonics	E. J. Hart & Co.	51,286	Apr. 10	121	1971
Tonics	H. V. Haley	56,610	Oct. 9	124	1838
Tonics and medicated wines	Mariani & Co.	53,084	May 22	122	1393
Tonics and remedies for dyspepsia and stomach and intestinal disorders	V. E. Beck	52,805	May 15	122	1041
Tonics and remedies for dyspepsia and stomach troubles	V. E. Beck	50,085	Feb. 27	120	2749
Tonics and specifics	Fritts & Wiehl	49,192	Jan. 30	120	1467
Tonics and tissue-builders. Nutritive	H. Morse	51,658	Apr. 17	121	2322
Tonics. Antimalarial	Wintersmith Medicine Co.	51,180	Apr. 3	121	1672

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Tonics. Blood and nerve.	J. M. Collins.	53,622	June 5	122	2057
Tonics. Iron.	E. Bischoff.	51,203	Apr. 10	121	1968
Tonics, nervine, and sedatives.	Dr. Miles Medical Co.	49,817	Feb. 20	120	2434
Tools and tool-holders. Certain named.	Cleveland Twist Drill Company.	53,720	June 12	122	2377
Tools. Certain named.	J. M. Carpenter Tap & Die Co.	50,950	Apr. 3	121	1663
Tools. Certain named.	Armstrong Mfg. Co.	51,310	Apr. 10	121	1972
Tools. Certain named cutting.	Collins Company.	57,498	Nov. 13	125	659
Tools. Certain named edge.	Cleveland Twist Drill Company.	55,115	Aug. 7	123	1982
Tools. Certain named edge.	Cleveland Twist Drill Company.	55,126	Aug. 7	123	1983
Tools. Certain named pneumatic.	Aurora Automatic Machinery Company.	57,742	Nov. 27	125	1341
Tools. Gilding.	W. H. Coe Manufacturing Company.	56,108	Aug. 21	123	2624
Tools. Wooden cases and cabinets for.	Cleveland Twist Drill Company.	58,635	Dec. 18	125	2358
Tooth-cleaning paste.	R. L. Newell.	55,904	Aug. 21	123	2619
Tooth-filling. Gutta-percha.	S. S. White Dental Mfg. Co.	53,152	May 29	122	1709
Tooth-filling. Gutta-percha.	S. S. White Dental Mfg. Co.	53,153	May 29	122	1709
Tooth-paste.	Johnson & Johnson.	50,378	Mar. 13	121	683
Tooth-paste.	J. M. Grosvenor & Co.	51,323	Apr. 10	121	1972
Tooth-paste.	S. S. White Dental Mfg. Co.	53,359	May 29	122	1717
Tooth-paste.	C. M. Dunne.	54,704	June 26	122	3006
Tooth-powder.	Curtis and Brown Manufacturing Company.	48,751	Jan. 9	120	652
Tooth-powder.	American Peroxide and Chemical Company.	49,576	Feb. 13	120	2115
Tooth-powder.	Woodman-Davis Co.	50,740	Mar. 27	121	1341
Tooth-wash.	E. D. G. Foltz.	58,788	Dec. 25	125	2754
Tooth washes and powders.	Puritan Drug Company.	49,219	Jan. 30	120	1468
Toothache-wax.	O. F. Leonhardt.	52,457	May 8	122	721
Toothpicks.	Weis Mfg. Co.	51,914	Apr. 24	121	2658
Toothpicks. Wooden.	O. H. Hersey.	52,205	May 1	122	347
Tops. Double spinning.	G. Philippart.	58,955	Dec. 25	125	2758
Toy. Optical.	A. Strauss & Co.	58,964	Dec. 25	125	2758
Toy stone building-blocks.	F. A. Richter.	58,567	Dec. 18	125	2356
Toys and toy-circus equipment.	A. Schoenhut Company.	55,653	Aug. 21	123	2612
Tracing-cloth.	L. & C. Hardtmuth.	55,384	Aug. 14	123	2302
Trade journal. Monthly.	B. Lillard.	55,093	Aug. 7	123	1982
Transom-adjusters.	New York Blind and Transom Adjuster Company.	57,467	Nov. 13	125	658
Traps and bends. Lead.	Selby Smelting and Lead Company.	52,631	May 15	122	1034
Tree-wash for spraying trees and shrubbery. Liquid.	J. F. Derror.	56,036	Aug. 21	123	2622
Trees, buds, and scions thereof. Fruit.	Oregon Nursery Company.	50,621	Mar. 27	121	1336
Trees, buds, and scions thereof. Fruit.	Oregon Nursery Company.	55,312	Aug. 14	123	2300
Trees. Peach.	Sneed & Wood.	50,212	Mar. 6	121	331
Trees. Peach.	J. W. Rokey.	52,081	May 1	122	342
Trees. Peach.	M. E. Fowler.	54,573	June 26	122	3001
Trees. Peach.	J. A. Foreman & Son.	58,364	Dec. 11	125	2042
Trees, scions, cuttings, grafts, roots, and stocks. Peach.	Texas Nursery Company.	51,486	Apr. 17	121	2315
Trephines.	De Vilbiss Mfg. Co.	56,007	Aug. 21	123	2622
Trimnings and braids.	Henry E. Frankenberg Company.	49,196	Jan. 30	120	1467
Trimnings and braids.	Henry E. Frankenberg Company.	49,197	Jan. 30	120	1467
Trimnings and braids. Dress.	Aitken, Son & Co.	54,913	Aug. 7	123	1977
Trimnings for ladies' underwear.	Friedberger-Aaron Mfg. Co.	51,726	Apr. 24	121	2651
Trousers.	I. L. Pearl & Co.	51,619	Apr. 17	121	2321
Trousers.	Dutchess Manufacturing Co.	54,893	July 31	123	1660
Trousers.	I. L. Pearl & Co.	56,548	Oct. 2	124	1518
Trousers.	Jefferson Woolen Mills.	56,871	Oct. 23	124	2528
Trousers.	L. Moses & Co.	58,373	Dec. 11	125	2042
Trousers. Fasteners for the waistbands of.	Catch On Clasp Mfg. Co.	49,230	Jan. 30	120	1469
Trowels of all kinds.	William Hunt & Sons, The Brades, Limited.	55,109	Aug. 7	123	1982
Trowels of all kinds.	William Hunt & Sons, The Brades, Limited.	55,110	Aug. 7	123	1982
Trowels of all kinds.	William Hunt & Sons, The Brades, Limited.	55,111	Aug. 7	123	1982
Trucks. Aerial.	American-La France Fire Engine Co.	57,934	Dec. 4	125	1690
Trucks or low-wheel wagons. Farm.	Deere & Webber Co.	49,329	Jan. 30	120	1473
Trucks or low-wheel wagons. Farm.	Deere & Webber Co.	49,330	Jan. 30	120	1473
Trucks or low-wheel wagons. Farm.	Deere & Webber Co.	49,331	Jan. 30	120	1473
Trucks or low-wheel wagons. Farm.	Deere & Webber Co.	49,585	Feb. 13	120	2116
Trunks.	J. F. Parkhurst & Son Co.	48,955	Jan. 16	120	897
Trunks.	Wellen & Oichman.	49,366	Jan. 30	120	1474
Trunks, suit-cases, traveling-bags, satchels, and telescopes.	Henry Pollack Trunk Co.	50,615	Mar. 27	121	1336
Trunks, valises, and satchels.	Abraham & Straus.	49,428	Feb. 6	120	1815
Trunks, valises, and satchels.	P. C. Murphy Trunk Company.	52,368	May 8	122	717
Trusses.	J. Ellwood Lee Company.	52,623	May 15	122	1034
Trusses.	J. Ellwood Lee Company.	52,624	May 15	122	1034
Trusses and supporters.	J. Ellwood Lee Company.	55,540	Aug. 14	123	2306
Tube-expanders.	Alax Mfg. Co.	49,323	Jan. 30	120	1473
Tubes. Iron and steel.	Spang, Chalfant & Co.	50,663	Mar. 27	121	1338
Tubing adapted for use as hose or packing. Elastic.	New Jersey Car Spring & Rubber Co.	51,955	Apr. 24	121	2660
Tubing. Flexible.	Chicago Tubing & Braiding Co.	49,516	Feb. 6	120	1819
Turbines and parts thereof. Steam.	C. A. Parsons.	51,999	May 1	122	338
Turbo-compressors and pumps.	C. A. Parsons.	51,998	May 1	122	338
Turpentine.	Ball Chemical Co.	49,686	Feb. 13	120	2120
Turpentine.	Standard Oil Co. of New York.	53,015	May 22	122	1390
Turpentine.	Standard Oil Co. of New York.	54,533	June 26	122	2999
Turpentine and turpentine substitutes derived from yellow pine.	Pine Products Company.	57,181	Nov. 6	125	343
Turpentine. Artificial.	Gardiner & Percy Company.	58,483	Dec. 18	125	2354
Turpentine. Spirits of.	Standard Oil Company.	51,946	Apr. 24	121	2660
Turpentine. Spirits of.	Georgetown Chemical Works.	54,428	June 26	122	2995
Turpentine substitutes. Liquid.	Loos & Dilworth.	57,892	Dec. 4	125	1687
Turquoise. Genuine mined and cut.	Aztec Turquoise Company.	51,108	Apr. 3	121	1669

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Turquoises. American	Azure Mining Co.	53,382	June 5	122	2049
Twine	Fulton Bag & Cotton Mills	52,482	May 8	122	722
Twine and binder-twine	Plymouth Cordage Company	48,714	Jan. 9	120	650
Twist-drills	Standard Tool Company	49,921	Feb. 20	120	2438
Twist-drills	B. M. Jones & Co.	54,865	July 31	123	1659
Twyers	Champion Blower & Forge Company.	49,691	Feb. 13	120	2120
Type casting and composing machines	Langston Monotype Machine Co.	56,963	Oct. 30	124	2895
Type casting and composing machines. Paper ribbons or controllers for	Langston Monotype Machine Co.	58,649	Dec. 18	125	2358
Type-writer ribbon	Bacon Brothers	53,771	June 12	122	2379
Type-writer ribbons	F. O. Mittag	53,254	May 29	122	1713
Type-writer ribbons	F. O. Mittag	53,350	May 29	122	1717
Type-writer ribbons	Carter's Ink Company	54,072	June 19	122	2680
Type-writer ribbons	Carter's Ink Company	54,570	June 26	122	3001
Type-writer ribbons	De-Fi Manufacturing Co.	55,326	Aug. 14	123	2300
Type-writer ribbons and carbon-paper	Crown Ribbon & Carbon Manufacturing Company.	57,350	Nov. 13	125	655
Type-writer ribbons and carbon-paper	C. Saltzstein & Bro.	57,871	Nov. 27	125	1345
Type-writer ribbons and carbon-paper	Wyckoff, Seamans & Benedict	58,672	Dec. 18	125	2359
Type-writer ribbons and pads and carbon-papers	J. Underwood & Co.	58,666	Dec. 18	125	2359
Type-writers. Inked pads for	J. R. Keatinge	54,713	June 26	122	3006
Type-writers or writing-machines	F. Dori	57,960	Dec. 4	125	1691
Type-writing and adding machines. Combined	Arithmograph Company	53,970	June 19	122	2676
Type-writing machines	Wellington Typewriter Company	50,844	Apr. 3	121	1658
Type-writing machines	Oliver Typewriter Company	51,111	Apr. 3	121	1670
Type-writing machines	Smith Premier Typewriter Company.	51,572	Apr. 17	121	2319
Type-writing machines	Wyckoff, Seamans & Benedict	53,531	June 5	122	2053
Type-writing machines and parts therefor	Oliver Typewriter Company	48,960	Jan. 16	120	898
Type-writing machines and parts therefor	American Typewriter Co.	57,801	Nov. 27	125	1343
Umbrella-frames	Samuel Fox & Co.	53,898	June 12	122	2384
Umbrella-frames	Samuel Fox & Co.	53,899	June 12	122	2384
Umbrella-frames	Samuel Fox & Co.	53,900	June 12	122	2384
Umbrella-frames and ribs of metal	Samuel Fox & Co.	53,897	June 12	122	2384
Umbrella-frames. Metal	Samuel Fox & Co.	53,896	June 12	122	2384
Umbrella-frames. Metal	Samuel Fox & Co.	53,901	June 12	122	2384
Umbrella-frames. Metal	Samuel Fox & Co.	53,902	June 12	122	2384
Umbrellas	Samuel Fox & Co.	57,106	Nov. 6	125	341
Umbrellas and parasols	Gorham Mfg. Co.	54,077	June 19	122	2680
Undergarments. Knitted	Winship, Boit & Co.	55,255	Aug. 7	123	1986
Undergarments. Women's combination	Leona Garment Company	53,101	May 29	122	1707
Undershirts and drawers	Howe & Howe	56,138	Aug. 28	123	2969
Undershirts and drawers	S. F. Swantees	57,821	Nov. 27	125	1344
Undershirts and drawers and union suits	Deimel Linen-Mesh System Company.	50,796	Mar. 27	121	1344
Undershirts and drawers and union suits	Deimel Linen-Mesh System Company.	51,784	Apr. 24	121	2653
Undershirts and drawers for men and women	Heilmann, Loth & Gutman	50,513	Mar. 20	121	1006
Undershirts and drawers made of linen woven cloth	Earl & Wilson	55,676	Aug. 21	123	2613
Undershirts and underdrawers	Erlanger Bros.	49,931	Feb. 27	120	2745
Undershirts, drawers, and combination undergarments	J. A. Scriven Company	58,979	Dec. 25	125	2759
Undershirts, drawers, and union suits	Deimel Linen-Mesh System Company.	53,828	June 12	122	2382
Undervests, jerseys, and drawers	Levi Strauss and Company	53,102	May 29	122	1707
Underwaists	E. H. Horwood	48,711	Jan. 9	120	650
Underwaists	E. H. Horwood	53,552	June 5	122	2054
Underwaists. Children's	H. & W. Company	50,349	Mar. 13	121	682
Underwaists. Children's	Nazareth Waist Co.	51,328	Apr. 10	121	1973
Underwaists for women and children	T. B. Fitzpatrick	54,234	June 26	122	2987
Underwaists. Ladies' and children's	Warner Bros. Co.	51,601	Apr. 17	121	2320
Underwaists. Women's and children's	Royal Worcester Corset Company.	56,564	Oct. 9	124	1837
Underwear. Cotton, wool, silk, and linen	Chalmers Knitting Company	48,473	Jan. 2	120	316
Underwear, drawers, tights, vests, and union suits	Chas. A. Stevens & Bros.	50,964	Apr. 3	121	1663
Underwear. Dressed-skin	T. C. Jones	54,667	June 26	122	3004
Underwear. Knitted and woven	J. A. Scriven Company	58,978	Dec. 25	125	2759
Underwear. Woven and knitted	G. W. Schlichten	54,253	June 26	122	2988
Uniforms. Naval, military, society, and theatrical	Wm. H. Horstmann Company	56,838	Oct. 23	124	2527
Uric-acid solvent	Dr. Haskins Co.	49,299	Jan. 30	120	1471
Uric-acid solvent	Dusal Chemical Co.	55,675	Aug. 21	123	2613
Utensils made of enameled metal ware. Household	Reed Manufacturing Co.	55,336	Aug. 14	123	2301
Vacuum-tubes, X-ray tubes, and parts thereof	C. H. F. Müller	48,934	Jan. 16	120	897
Valve-grinding compounds	Auto Equipment Company	57,556	Nov. 13	125	661
Valves	Dunham, Carrigan & Hayden Co.	53,165	May 29	122	1710
Valves	William Powell Co.	57,131	Nov. 6	125	342
Valves	Thermograde Valve Co.	57,986	Dec. 4	125	1692
Valves and cocks	H. Mueller Manufacturing Company.	56,011	Aug. 21	123	2622
Valves and faucets	H. Mueller Manufacturing Company.	56,274	Sept. 4	124	315
Valves and hydrants	Chapman Valve Manufacturing Company.	54,932	Aug. 7	123	1977
Valves and parts thereof	Star Brass Manufacturing Company.	55,580	Aug. 14	123	2307
Valves and water-valves. Steam	Fairbanks Co.	49,353	Jan. 30	120	1474
Valves and water-valves. Steam	Fairbanks Co.	49,354	Jan. 30	120	1474
Valves. Blow-off	Lunkenheimer Company	52,336	May 8	122	716
Valves for fluids. Regulating	T. P. Ford	49,708	Feb. 13	120	2121
Valves for radiators. Air-vent	Norwall Manufacturing Company.	56,852	Oct. 23	124	2528
Valves, hydrants, and valve-indicators	Ludlow Valve Manufacturing Company.	49,457	Feb. 6	120	1816
Valves. Steam and water	Fairbanks Co.	57,779	Nov. 27	125	1342
Vault. Air-tight burial	J. S. Van Fossen	56,533	Oct. 2	124	1518
Vanilla-oil	Corrizzo Extract Co.	52,949	May 22	122	1388
Vanillin	Ozone Vanillin Co.	58,152	Dec. 4	125	1696

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Vanillin and cumarin.....	G. Lueders & Co.....	52,783	May 15	122	1040
Varnish.....	Glidden Varnish Company.....	52,094	May 1	122	342
Varnish.....	E. L. Hueter.....	53,660	June 12	122	2375
Varnish and hard-oil finish.....	Spokane Paint & Oil Co.....	55,881	Aug. 21	123	2618
Varnish coating for interior woodwork. Liquid.....	Interior Hardwood Co.....	53,661	June 12	122	2375
Varnish. Color.....	F. O. Pierce Company.....	51,966	May 1	122	337
Varnish-hardeners.....	Tousey Varnish Co.....	54,485	June 26	122	2997
Varnish, japan, and varnish-stains.....	Murphy Varnish Company.....	57,737	Nov. 27	125	1341
Varnish, japan, driers, and liquid fillers.....	Boston Varnish Company.....	53,948	June 19	122	2675
Varnish. Shellac.....	J. B. Day & Co.....	55,892	Aug. 21	123	2619
Varnish. Spirit.....	Ball Chemical Co.....	53,302	May 29	122	1715
Varnish-stains.....	David B. Crockett Company.....	53,950	June 19	122	2675
Varnishes.....	David B. Crockett Co.....	49,883	Feb. 20	120	2436
Varnishes.....	American Varnish Company.....	49,960	Feb. 27	120	2746
Varnishes.....	American Varnish Company.....	49,961	Feb. 27	120	2746
Varnishes.....	John W. Masury & Son.....	49,970	Feb. 27	120	2746
Varnishes.....	Toch Brothers.....	50,702	Mar. 27	121	1340
Varnishes.....	J. Babcock & Co.....	50,867	Apr. 3	121	1659
Varnishes.....	David B. Crockett Company.....	51,222	Apr. 10	121	1968
Varnishes.....	Murphy Varnish Company.....	53,955	June 19	122	2675
Varnishes.....	Chase, Roberts & Company.....	54,221	June 19	122	2685
Varnishes and enamels. Brewers'.....	Jno. Werner & Co. G. m. b. H.....	55,897	Aug. 21	123	2619
Varnishes and japans.....	Mayer & Loewenstein.....	49,042	Jan. 23	120	1156
Varnishes and japans.....	Valentine & Company.....	50,705	Mar. 27	121	1340
Varnishes and varnish-stains.....	Glidden Varnish Company.....	51,889	Apr. 24	121	2657
Varnishes, fillers, and japans.....	Akron Varnish Company.....	57,877	Dec. 4	125	1689
Varnishes, finishes, japans, and fillers.....	Chas. H. Gillespie & Sons.....	51,263	Apr. 10	121	1970
Varnishes, japans, liquid fillers, and waterproof finish.....	Keystone Varnish Co.....	55,505	Aug. 14	123	2302
Varnishes, mixed paints, and enamels.....	Valentine & Company.....	55,526	Aug. 14	123	2303
Varnishes. Preservative and insulating.....	Standard Paint Company.....	51,456	Apr. 17	121	2314
Varnishes. Priming, coating, and preparing material for.....	Murphy Varnish Company.....	53,956	June 19	122	2675
Varnishes, stains, japans, and surfacers.....	Chicago Varnish Co.....	54,001	June 19	122	2677
Varnishes, wood-fillers, wood-stains, and paints.....	Standard Varnish Works.....	57,256	Nov. 6	125	345
Vegetable compound.....	Kloczewski & Co.....	53,224	May 29	122	1712
Vehicle spring seats and cushions.....	J. L. Clark.....	49,325	Jan. 30	120	1473
Vehicle-wheels.....	G. S. Ogilvie.....	57,919	Dec. 4	125	1680
Vehicles. Certain named.....	Deere & Webber Company.....	49,398	Feb. 6	120	1814
Vehicles. Certain named.....	Gendron Wheel Co.....	54,103	June 19	122	2681
Vehicles. Horse-drawn.....	Studebaker Brothers Manufacturing Company.....	49,352	Jan. 30	120	1474
Veilings and chiffons.....	Aitken, Son & Co.....	54,912	Aug. 7	123	1977
Velvet piece goods.....	Aitken, Son & Co.....	54,911	Aug. 7	123	1977
Velvets.....	A. L. Dreyfuss & Co.....	52,357	May 8	122	717
Velvets and velveteens.....	H. Kupfer & Co.....	57,969	Dec. 4	125	1681
Velveteen.....	H. Kupfer & Co.....	58,681	Dec. 25	125	2751
Velveteens.....	Cocheo Mfg. Co.....	49,429	Feb. 6	120	1815
Velveteens.....	A. Wumpheimer and Brother.....	50,772	Mar. 27	121	1342
Velveteens and corduroys.....	W. Openhym & Sons.....	51,713	Apr. 24	121	2650
Velveteens, corduroys, and other cotton-velvet fabrics.....	W. Openhym & Sons.....	50,944	Apr. 3	121	1662
Vending-machines. Coin-controlled.....	Shaw and Ludington.....	58,470	Dec. 18	125	2354
Vending-machines. Coin-operated.....	Mills Novelty Co.....	56,172	Aug. 28	123	2970
Ventilators.....	Merchant & Evans Company.....	58,448	Dec. 18	125	2353
Ventilators, chimney-cowls and ventilating-caps, and ridging.....	Globe Ventilator Company.....	49,949	Feb. 27	120	2745
Vermicelli, spaghetti, and macaroni.....	Griggs, Cooper & Company.....	56,166	Aug. 28	123	2970
Vermicide.....	C. Lawall's Son & Co.....	52,780	May 15	122	1040
Vermifuge.....	B. A. Fahnestock Co.....	49,149	Jan. 23	120	1160
Vermifuge.....	Van Vleet-Mansfield Drug Co.....	49,505	Feb. 6	120	1818
Vermifuge.....	Parker Blake Co.....	53,355	May 29	122	1717
Vermifuge.....	Parker Blake Co.....	53,356	May 29	122	1717
Vermifuge.....	J. F. Ballard.....	53,512	June 5	122	2053
Vermifuge.....	Gilpin, Langdon & Company.....	55,607	Aug. 21	123	2611
Vermifuges or worm-syrups.....	S. W. Smith.....	48,613	Jan. 2	120	321
Vermine-extminating compound.....	E. A. Murray.....	52,157	May 1	122	345
Vermuth.....	Charles Jacquin et Cie.....	51,184	Apr. 10	121	1967
Vessels. Hollow-walled.....	H. F. Meier.....	51,995	May 1	122	338
Vests and waistcoats. Men's.....	F. H. Sprague Co.....	51,106	Apr. 3	121	1669
Vests. Double-breasted buttonless infants'.....	M. Lowenthal & Brother.....	48,482	Jan. 2	120	316
Veterinary gall-ointments, healing-powders, and liniments.....	C. L. Rea.....	54,362	June 26	122	2992
Veterinary liniments.....	M. M. Gordley.....	55,608	Aug. 21	123	2611
Veterinary medicine and liniment.....	C. E. Keough.....	56,845	Oct. 23	124	2528
Veterinary medicines. Certain named.....	Erb-Ine Veterinary Medicine Company.....	57,856	Nov. 27	125	1345
Veterinary remedies for horses and all domestic animals.....	Pond's Extract Company.....	51,095	Apr. 3	121	1669
Veterinary remedy.....	O. O. Hattervig.....	49,096	Jan. 23	120	1158
Veterinary remedy.....	Hamer's Sure Cure Company.....	50,746	Mar. 27	121	1341
Veterinary remedy for lump-jaw.....	F. J. Heine.....	55,684	Aug. 21	123	2613
Veterinary remedy for poll-evil and fistula.....	Rhinol Medicine Co.....	55,619	Aug. 21	123	2611
Vinegar.....	Siegel, Cooper & Co.....	49,679	Feb. 13	120	2119
Vinegar.....	H. J. Heinz Company.....	51,029	Apr. 3	121	1666
Vinegar.....	M. A. Gedney Pickling Co.....	55,826	Aug. 21	123	2617
Vinegar.....	Griggs, Cooper & Company.....	56,133	Aug. 28	123	2969
Vinegar.....	Sprague, Warner & Company.....	56,630	Oct. 9	124	1839
Vinegar, apple-butter, jellies, jams, and fruit preserves.....	C. L. Anderson.....	57,690	Nov. 27	125	1340
Vinegar. Cider.....	Chas. E. Meyer & Co.....	51,120	Apr. 3	121	1670
Vinegar. Spirit.....	Chas. E. Meyer & Co.....	50,262	Mar. 6	121	333
Vinegar used for pickling.....	Chas. E. Meyer & Co.....	50,261	Mar. 6	121	333
Violin and guitar strings.....	Lyon & Healy.....	50,981	Apr. 3	121	1664
Violin and guitar strings.....	F. Steadman.....	58,323	Dec. 11	125	2041
Violin, guitar, zither, and banjo strings.....	S. Blumenthal.....	50,123	Mar. 6	121	327
Violin, guitar, zither, and banjo strings.....	S. Blumenthal.....	50,124	Mar. 6	121	327
Violin, guitar, zither, and banjo strings.....	S. Blumenthal.....	51,980	May 1	122	338
Violin, guitar, zither, and banjo strings.....	S. Blumenthal.....	52,004	May 1	122	339
Violin-strings.....	Lyon & Healy.....	51,299	Apr. 10	121	1971
Violin-strings.....	Lyon & Healy.....	51,371	Apr. 17	121	2311
Violin-strings.....	Lyon & Healy.....	57,102	Nov. 6	125	341
Violins and parts, bows, strings, and pegs.....	Buegeleisen & Jacobson.....	55,368	Aug. 14	123	2305

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Violins, violoncellos, violas, and parts of such instruments.....	M. B. Hern.....	54,854	July 31	123	1656
Vises and parts of vises.....	Columbian Hdw. Co.....	56,158	Aug. 28	123	2970
Vitreous material. Slabs or plates of.....	Pressed Prism Plate Glass Com- pany.....	55,437	Aug. 14	123	2306
Vitreous material. Slabs or plates of.....	Pressed Prism Plate Glass Com- pany.....	55,438	Aug. 14	123	2303
Voting-machines.....	Triumph Voting Machine Com- pany.....	53,233	May 29	122	1712
Wagons.....	Auburn Wagon Co.....	48,906	Jan. 16	120	896
Wagons.....	Moline Wagon Compy.....	49,099	Jan. 23	120	1158
Wagons.....	Tiffin Wagon Co.....	50,631	Mar. 27	121	1337
Wagons.....	Weber Wagon Company.....	50,843	Apr. 3	121	1658
Wagons.....	Moline Wagon Company.....	54,112	June 19	122	2681
Wagons.....	Eagle Wagon Works.....	54,743	June 26	122	3008
Wagons and dump-carts. Farm-.....	Kentucky Wagon Manufacturing Company.....	52,855	May 22	122	1384
Wagons, carts, drays, and trucks.....	Auburn Wagon Co.....	52,711	May 15	122	1037
Wagons. Farm-.....	Kentucky Wagon Manufacturing Company.....	52,576	May 15	122	1032
Wagons. Farm-.....	Kentucky Wagon Manufacturing Company.....	52,854	May 22	122	1384
Wagons. Farm-.....	Kentucky Wagon Manufacturing Company.....	52,856	May 22	122	1384
Waists, dresses, and suits.....	Rosenbaum Company.....	51,537	Apr. 17	121	2317
Waists. Ladies' dress-.....	Juda Bros.....	54,498	June 26	122	2998
Wall-coating.....	Toch Brothers.....	54,534	June 26	122	2999
Wall-ties.....	J. Prescott.....	53,185	May 29	122	1710
Wall-ties.....	Braun Manufacturing Co.....	54,701	June 26	122	3006
Wall-ties.....	Imperial Specialty Mfg. Co.....	55,456	Aug. 14	123	2304
Washbasins. Stationary.....	Cahill Iron Works.....	54,265	June 26	122	2988
Washboards.....	B. S. Jenkins.....	49,075	Jan. 23	120	1157
Washboards.....	American Washboard Company.....	49,393	Feb. 6	120	1814
Washboards.....	American Washboard Company.....	50,425	Mar. 13	121	685
Washboards.....	American Washboard Company.....	51,415	Apr. 17	121	2313
Washboards.....	Manchester Furniture Co.....	55,094	Aug. 7	123	1982
Washboards.....	Manchester Furniture Co.....	55,571	Aug. 14	123	2307
Washboards.....	American Washboard Company.....	57,436	Nov. 13	125	658
Washboards.....	American Washboard Company.....	57,526	Nov. 13	125	660
Washboards.....	F. Martin.....	58,953	Dec. 25	125	2758
Washes or lotions to rid animals of vermin.....	Pratt Food Co.....	51,096	Apr. 3	121	1669
Washing and cleansing compounds.....	Trans-Pacific Manufacturing Co.....	57,481	Nov. 13	125	659
Washing compound.....	F. Steel.....	55,862	Aug. 21	123	2618
Washing compound.....	Atlantic Manufacturing Company.....	56,531	Sept. 11	124	620
Washing compound.....	Corliss Chemical Company.....	57,241	Nov. 6	125	345
Washing compound.....	F. G. Bagley.....	57,437	Nov. 13	125	658
Washing compounds.....	C. A. Winter.....	57,725	Nov. 27	125	1341
Washing fluid.....	R. J. Williams.....	51,411	Apr. 17	121	2312
Washing fluids.....	E. F. Kaestner.....	51,796	Apr. 24	121	2654
Washing-machines.....	Whipple Brothers Co.....	48,489	Jan. 2	120	316
Washing-machines.....	Spotless Company.....	49,680	Feb. 12	120	2120
Washing-machines.....	Wahle Foundry and Machine Works.....	50,706	Mar. 27	121	1340
Washing-machines.....	H. S. Judd.....	53,317	May 29	122	1716
Washing-machines.....	White Lily Washer Company.....	56,475	Sept. 25	124	1203
Washing-machines.....	White Lily Washer Company.....	56,476	Sept. 25	124	1203
Washing machines. Bottle- Cylinder.....	M. C. Rosenfeld Co.....	54,876	July 31	123	1660
Washing-machines. Lever.....	J. M. Gagan & Co.....	58,952	Dec. 25	125	2758
Washing-machines.....	H. F. Brammer Manufacturing Company.....	56,392	Sept. 18	124	902
Washing-machines. Power-operated.....	P. T. Coffield & Son.....	55,370	Aug. 14	123	2302
Washing-machines. Rotary.....	Benbow-Brammer Manufactur- ing Company.....	52,437	May 8	122	720
Washing-machines. Rotary.....	Benbow-Brammer Manufactur- ing Company.....	56,386	Sept. 18	124	902
Washing-machines. Rotary.....	H. F. Brammer Manufacturing Company.....	56,391	Sept. 18	124	902
Washing-machines. Rotary.....	Benbow-Brammer Manufactur- ing Company.....	57,743	Nov. 27	125	1341
Washing-machines. Rotary.....	Benbow-Brammer Manufactur- ing Company.....	57,937	Dec. 4	125	1690
Washing-powder.....	Summit City Soap Works.....	50,488	Mar. 20	121	1005
Washing-powder.....	D. S. Brown.....	54,771	July 31	123	1657
Washing-powder.....	N. K. Fairbank Company.....	57,224	Nov. 6	125	344
Washing-powder.....	Fairchild & Shelton Co.....	57,311	Nov. 13	125	654
Washing-powder.....	N. K. Fairbank Company.....	57,430	Nov. 13	125	657
Washing-powders.....	Citrus Soap Company.....	49,328	Jan. 30	120	1473
Washing preparation in a dry or powdered form.....	W. M. Williams.....	48,813	Jan. 16	120	892
Watch-dials and watch-movements.....	Rode Watch Co.....	55,647	Aug. 21	123	2612
Watch-glasses.....	A. Berger & Co.....	50,957	Apr. 3	121	1663
Watch-insulators.....	Newark Watch Case Material Co.....	57,722	Nov. 27	125	1341
Watch-mainsprings.....	American Waltham Watch Co.....	48,775	Jan. 16	120	891
Watch-movements.....	Hampden Watch Co.....	49,497	Feb. 6	120	1818
Watch-movements.....	Hampden Watch Co.....	49,919	Feb. 20	120	2438
Watch-movements.....	Hampden Watch Co.....	49,920	Feb. 20	120	2438
Watch-movements.....	B. L. Strasburger.....	51,715	Apr. 24	121	2650
Watch-movements.....	L. Manheimer & Bros.....	54,083	June 19	122	2680
Watch-movements.....	Hampden Watch Co.....	55,944	Aug. 21	123	2620
Watch-movements.....	B. L. Strasburger.....	58,041	Dec. 4	125	1693
Watch-movements.....	Hampden Watch Co.....	58,887	Dec. 25	125	2756
Watch-movements and watchcases.....	L. Manheimer & Bros.....	54,835	July 31	123	1658
Watch-movements and watchcases.....	L. Manheimer & Bros.....	58,025	Dec. 4	125	1693
Watches.....	Elgin National Watch Co.....	50,094	Mar. 6	121	326
Watches.....	Elgin National Watch Company.....	50,966	Apr. 3	121	1663
Watches.....	W. C. Ball.....	54,239	June 26	122	2987
Watches.....	J. B. Abernethy.....	54,804	July 31	123	1658
Watches.....	W. C. Ball.....	57,492	Nov. 13	125	659

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Watches.....	W. C. Ball.....	57,631	Nov. 27	125	1339
Watches.....	W. C. Ball.....	57,632	Nov. 27	125	1339
Watches.....	W. C. Ball.....	57,633	Nov. 27	125	1339
Watches.....	W. C. Ball.....	57,634	Nov. 27	125	1339
Watches.....	W. C. Ball.....	57,692	Nov. 27	125	1340
Watches.....	W. C. Ball.....	57,693	Nov. 27	125	1340
Watches and clocks.....	R. H. Ingersoll & Bro.....	49,237	Jan. 30	120	1469
Watches and clocks.....	Tiffany & Co.....	56,105	Aug. 21	123	2624
Watches and clocks.....	Mermod, Jaccard & King Jewelry Co.....	57,654	Nov. 27	125	1339
Watches and parts thereof.....	A. Schwob.....	54,179	June 19	122	2684
Watches and parts thereof.....	A. Schwob.....	54,530	June 26	122	2999
Watches and parts thereof.....	A. Schwob.....	54,531	June 26	122	2999
Watches and parts thereof.....	Dubois Watch Case Company.....	55,374	Aug. 14	123	2302
Watches and watch parts.....	Hampden Watch Co.....	50,021	Feb. 27	120	2748
Watches, watch cases and movements.....	Philadelphia Watch Case Co.....	52,859	May 22	122	1384
Watches, watch cases and movements, and parts thereof.....	New York Standard Watch Co.....	52,839	May 22	122	1383
Watches, watchcases, and watch-movements.....	Philadelphia Watch Case Co.....	49,482	Feb. 6	120	1817
Watches, watchcases, and watch-movements.....	Philadelphia Watch Case Co.....	49,483	Feb. 6	120	1817
Watches, watchcases, and watch-movements.....	Philadelphia Watch Case Co.....	49,538	Feb. 6	120	1819
Watches, watchcases, and watch-movements.....	D. Gruen & Sons.....	50,545	Mar. 20	121	1007
Watches, watchcases, and watch-movements.....	D. Gruen & Sons.....	55,327	Aug. 14	123	2300
Watches, watchcases, and watch-movements.....	Keystone Watch Case Co.....	55,389	Aug. 14	123	2302
Watches, watch cases, dials, and works.....	Abraham & Straus.....	58,269	Dec. 11	125	2040
Watches, watch movements, cases, and parts.....	W. F. Doll.....	54,353	June 26	122	2991
Watchcases.....	Dueber Watch Case Mfg. Co.....	51,707	Apr. 24	121	2650
Watchcases.....	Dueber Watch Case Mfg. Co.....	56,890	Oct. 23	124	2529
Watchcases and watch-movements.....	Halden W. Wheeler & Co.....	52,174	May 1	122	345
Water. Aperient.....	Standard Bottling Co.....	58,600	Dec. 18	125	2357
Water-bags.....	A. Appell Company.....	54,030	June 19	122	2678
Water-bags.....	A. Appell Company.....	54,031	June 19	122	2678
Water-bags.....	A. Appell Company.....	54,032	June 19	122	2678
Water-bags.....	A. Appell Company.....	54,033	June 19	122	2678
Water. Carbonated.....	F. W. Becker.....	53,587	June 5	122	2056
Water. Carbonated.....	American Specialty Co.....	56,202	Sept. 4	124	313
Water. Carbonated mineral.....	Deerfield Water Co.....	56,748	Oct. 16	124	2174
Water. Carbonated mineral table.....	E. O. Hiehle.....	58,791	Dec. 25	125	2754
Water. Carbonated spring.....	Watertown Carbonating Company.....	56,404	Sept. 18	124	902
Water-closets, urinals, and lavatories. Vitreous-earthenware.....	Potteries Selling Company.....	55,007	Aug. 7	123	1979
Water-coolers.....	Consumers Co.....	56,745	Oct. 16	124	2174
Water-cooling towers.....	Wheeler Condenser & Engineering Co.....	57,930	Dec. 4	125	1690
Water. Drinking.....	Strawbridge & Clothier.....	58,543	Dec. 18	125	2356
Water. Effervescent or carbonated mineral.....	Manitou Mineral Springs Company.....	53,663	June 12	122	2375
Water. Effervescent powder for making aperient mineral.....	C. J. Thatcher.....	54,122	June 19	122	2682
Water-hardening compounds.....	M. Wallerstein.....	53,528	June 5	122	2053
Water. Lithia.....	W. G. Taylor.....	50,861	Apr. 3	121	1659
Water. Lithia.....	Whann Lithia Springs Co.....	56,656	Oct. 16	124	2171
Water. Lithia-spring.....	Londonderry Lithia Spring Water Company.....	52,334	May 8	122	716
Water. Mineral.....	Apollinaris Company.....	52,710	May 15	122	1037
Water. Mineral.....	J. A. Horn.....	53,314	May 29	122	1716
Water. Mineral.....	Die Actiengesellschaft Apollinaris Brunnen.....	53,335	May 29	122	1716
Water. Mineral.....	Aronack Company.....	53,743	June 12	122	2378
Water. Mineral.....	Wells, Lawrence and Gooch.....	55,143	Aug. 7	123	1983
Water. Mineral.....	Manacea Water Company.....	56,874	Oct. 23	124	2528
Water. Mineral.....	Diamond Park Mineral Water Co. of Arnprior.....	57,178	Nov. 6	125	343
Water. Mineral.....	"Apenta" Részvény-Társaság.....	57,321	Nov. 13	125	654
Water. Mineral.....	"Apenta" Részvény-Társaság.....	57,322	Nov. 13	125	654
Water. Mineral.....	"Apenta" Részvény-Társaság.....	57,323	Nov. 13	125	654
Water. Mineral.....	"Apenta" Részvény-Társaság.....	57,340	Nov. 13	125	655
Water. Mineral.....	Apollinaris Company.....	58,006	Dec. 4	125	1692
Water. Mineral.....	Backhorn Lithia Water Co.....	58,629	Dec. 18	125	2358
Water. Mineral-spring.....	Mountain Valley Springs Company.....	51,448	Apr. 17	121	2314
Water. Mineral-spring.....	E. P. Sanford.....	58,568	Dec. 18	125	2356
Water. Natural.....	W. B. Matthews.....	48,858	Jan. 16	120	894
Water. Natural, concentrated, and carbonated mineral.....	Blue Rock Mineral Spring Company.....	50,677	Mar. 27	121	1339
Water. Purified.....	A. Schantz, Sr.....	55,860	Aug. 21	123	2618
Water-sprayers, showers, and parts, fixed or portable.....	J. P. Eustis Mfg. Co.....	50,652	Mar. 27	121	1338
Water. Spring.....	T. C. Bates.....	50,847	Apr. 3	121	1658
Water. Spring.....	T. H. Worrall Company.....	56,536	Oct. 2	124	1518
Water-supply tanks and valves therefor.....	Staples Valve Co.....	48,466	Jan. 2	120	316
Water. Table.....	J. Ries.....	53,714	Aug. 21	123	2614
Water-towers and deluge-wagons.....	American La France Fire Engine Co.....	56,486	Oct. 2	124	1517
Water-wheels and water-wheel motors.....	Peton Water Wheel Co.....	52,020	May 1	122	339
Waters. Distilled and carbonated.....	F. M. Finley.....	50,041	Feb. 27	120	2749
Waters, ginger-ale, and wild-cherry phosphate. Mineral.....	Waukesha Arcadian Co.....	57,339	Nov. 13	125	655
Waters. Mineral.....	Eisner & Mendelson Company of New York.....	57,702	Nov. 27	125	1340
Waters. Mineral.....	Dawson Salts & Water Co.....	58,881	Dec. 25	125	2756
Waters. Toilet.....	54,993.....	54,993	Aug. 7	123	1979
Waterproof fabric. Flexible.....	Lanman & Kemp.....	50,919	Apr. 3	121	1661
Waterproof fabrics, cloths, and sheetings. Textile.....	Standard Paint Company.....	58,931	Dec. 25	125	2758
Waterproof preparation. Liquid.....	Stork Company.....	56,839	Oct. 23	124	2527
Waterproofed fabrics.....	W. H. H. Boylan.....	58,298	Dec. 11	125	2040
Wax.....	Cravenette Company.....	58,440	Dec. 30	121	1003
Wax.....	J. E. Chandler.....	51,991	May 1	122	338
Wax.....	S. C. Johnson & Son.....	53,258	May 29	122	1713
Wax. Bite.....	S. S. White Dental Mfg. Co.....	55,924	Aug. 21	123	2619
	Crown Dental Laboratory.....				

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Wax. Laundry.....	Columbia Wax Works.....	57,850	Nov. 27	125	1344
Wax. Parquetry-floor.....	M. Pailmann.....	58,708	Dec. 25	125	2752
Wax used in shoemaking. Liquid.....	Crown Oil & Wax Company.....	51,317	Apr. 10	121	1972
Weed-destroyer.....	W. J. Reade.....	48,757	Jan. 9	120	652
Weighing-machines and parts thereof.....	E. and T. Fairbanks and Com- pany.....	48,454	Jan. 2	120	315
Weighing-machines and parts thereof.....	E. and T. Fairbanks and Com- pany.....	51,226	Apr. 10	121	1969
Well-drilling machines.....	G. D. Loomis.....	56,728	Oct. 16	124	2173
Whalebone. Natural and artificial.....	D. Hone.....	50,204	Mar. 6	121	330
Wheat. Cooked and flaked.....	" Force " Food Company.....	55,816	Aug. 21	123	2617
Wheat. Cooked and flaked.....	H-O (Hornby's Oatmeal) Com- pany.....	55,820	Aug. 21	123	2617
Wheat. Cooked and flaked.....	H-O (Hornby's Oatmeal) Com- pany.....	58,131	Dec. 4	125	1695
Wheat-farina, pearl-barley, and corn-starch.....	E. R. Durkee & Co.....	57,731	Nov. 27	125	1341
Wheat-meal. Rolled.....	Sperry Flour Company.....	58,902	Dec. 25	125	2757
Wheat-meal, wheat, oat, and barley flour.....	F. Fuller.....	54,935	Aug. 7	123	1977
Wheelbarrow-wheels.....	Kilbourne and Jacobs Manufac- turing Company.....	48,956	Jan. 16	120	898
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	48,702	Jan. 9	120	650
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	48,703	Jan. 9	120	650
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	48,704	Jan. 9	120	650
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	48,729	Jan. 9	120	651
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	48,730	Jan. 9	120	651
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	48,731	Jan. 9	120	650
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	50,627	Mar. 27	121	1337
Wheelbarrows and the parts thereof.....	Kilbourne & Jacobs Manufac- turing Company.....	51,563	Apr. 17	121	2318
Wheels. Metallic rims for vehicle.....	Clincher Automobile Tire Manu- facturers Association.....	52,293	May 8	122	714
Whip-centers.....	Sterling Whip Company.....	50,953	Apr. 3	121	1663
Whip stocks and materials, whips, and whip-lashes.....	Warren Featherbone Co.....	56,694	Oct. 16	124	2172
Whips.....	A. J. Cook.....	51,265	Apr. 10	121	1970
Whips.....	Cargill Cleveland & Co.....	53,803	June 12	122	2381
Whiskies.....	Meadville, Pennsylvania Distil- ling Company.....	50,280	Mar. 6	121	333
Whiskies.....	J. C. Marks Liquor Co.....	50,997	Apr. 3	121	1665
Whiskies.....	Miller Bros.....	55,160	Aug. 7	123	1983
Whiskies.....	McCart-Mosset Co.....	55,765	Aug. 21	123	2615
Whiskies.....	Freiberg & Kahn.....	57,640	Nov. 27	125	1339
Whiskies.....	Sunset Distilling Co.....	57,663	Nov. 27	125	1339
Whiskies. All kinds of.....	S. C. Herbst.....	49,901	Feb. 20	120	2437
Whiskies, both rye and Bourbon.....	B. J. Semmes & Co.....	49,021	Jan. 23	120	1155
Whiskies. Pure rye and malt.....	Meadville, Pennsylvania Distil- ling Company.....	54,450	June 26	122	2996
Whiskies. Rye and Bourbon.....	P. Jones & Co.....	48,548	Jan. 2	120	319
Whiskies. Rye, Bourbon, and all kinds of.....	S. C. Herbst Importing Co.....	52,669	May 15	122	1035
Whisky.....	H. & H. W. Catherwood.....	48,540	Jan. 2	120	318
Whisky.....	Columbia Distilling Co.....	48,541	Jan. 2	120	318
Whisky.....	Frankel, Regenthal and Damler.....	48,543	Jan. 2	120	318
Whisky.....	Frankel, Regenthal and Damler.....	48,544	Jan. 2	120	319
Whisky.....	Frankel, Regenthal and Damler.....	48,545	Jan. 2	120	319
Whisky.....	Frankel, Regenthal and Damler.....	48,546	Jan. 2	120	319
Whisky.....	J. & E. Mahoney.....	48,550	Jan. 2	120	319
Whisky.....	Rubel-Lilienfeld Co.....	48,553	Jan. 2	120	319
Whisky.....	Rubel-Lilienfeld Co.....	48,554	Jan. 2	120	319
Whisky.....	I. Solomon.....	48,555	Jan. 2	120	319
Whisky.....	Straus Brothers Company.....	48,556	Jan. 2	120	319
Whisky.....	Straus Brothers Company.....	48,557	Jan. 2	120	319
Whisky.....	Angelo Myers Distillery.....	48,559	Jan. 2	120	319
Whisky.....	D. L. Moore Distillery Co.....	48,560	Jan. 2	120	319
Whisky.....	Wakeman Distilling Co.....	48,567	Jan. 2	120	320
Whisky.....	G. V. Wendel.....	48,570	Jan. 2	120	320
Whisky.....	Bernheim Distilling Co.....	48,571	Jan. 2	120	320
Whisky.....	Chicago Distilling Co.....	48,575	Jan. 2	120	320
Whisky.....	G. F. Coshland & Co.....	48,577	Jan. 2	120	320
Whisky.....	Goodkind Bros.....	48,578	Jan. 2	120	320
Whisky.....	Hagen & Travers.....	48,580	Jan. 2	120	320
Whisky.....	Hannah & Hogg.....	48,581	Jan. 2	120	320
Whisky.....	H. Kahn.....	48,583	Jan. 2	120	320
Whisky.....	Klein Bros.....	48,584	Jan. 2	120	320
Whisky.....	S. E. Levi.....	48,585	Jan. 2	120	320
Whisky.....	Many, Blanc & Co.....	48,587	Jan. 2	120	320
Whisky.....	A. Myers.....	48,588	Jan. 2	120	320
Whisky.....	A. Myers.....	48,589	Jan. 2	120	320
Whisky.....	Nelson Distilling Co.....	48,590	Jan. 2	120	320
Whisky.....	Old Tonic Distillery Company.....	48,591	Jan. 2	120	320
Whisky.....	Oregon Importing Co.....	48,592	Jan. 2	120	321
Whisky.....	C. H. Ross & Co.....	48,593	Jan. 2	120	321
Whisky.....	F. Schueler.....	48,594	Jan. 2	120	321
Whisky.....	J. Spengler.....	48,595	Jan. 2	120	321
Whisky.....	Strauss, Fritz & Co.....	48,596	Jan. 2	120	321
Whisky.....	Albert M. Gugenheim Company.....	48,597	Jan. 2	120	321
Whisky.....	D. Kelley Co.....	48,600	Jan. 2	120	321
Whisky.....	D. Kelley Company.....	48,601	Jan. 2	120	321
Whisky.....	J. W. Evenden Co.....	48,602	Jan. 2	120	321
Whisky.....	Standard Distilling Co.....	48,603	Jan. 2	120	321
Whisky.....	Ullman Einstein Co.....	48,604	Jan. 2	120	321

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky.....	Ullman Einstein Co.....	48,605	Jan. 2	120	321
Whisky.....	Ullman Einstein Co.....	48,606	Jan. 2	120	321
Whisky.....	Wakeman Distilling Co.....	48,608	Jan. 2	120	321
Whisky.....	William Werder & Son Company.....	48,609	Jan. 2	120	321
Whisky.....	Weideman-Fries Co.....	48,610	Jan. 2	120	321
Whisky.....	H. Weil & Sons.....	48,611	Jan. 2	120	321
Whisky.....	M. C. Beam & Company.....	48,650	Jan. 9	120	648
Whisky.....	Van Vleet-Mansfield Drug Co.....	48,672	Jan. 9	120	649
Whisky.....	Belmont Distillery Co.....	48,676	Jan. 9	120	649
Whisky.....	Belmont Distillery Co.....	48,677	Jan. 9	120	649
Whisky.....	H. Ehrmann.....	48,681	Jan. 9	120	649
Whisky.....	F. W. Hunt & Co.....	48,687	Jan. 9	120	649
Whisky.....	F. W. Hunt & Co.....	48,688	Jan. 9	120	649
Whisky.....	Shiff, Mayer & Co.....	48,697	Jan. 9	120	650
Whisky.....	Van Vleet-Mansfield Drug Co.....	48,708	Jan. 9	120	650
Whisky.....	Kreisheimer Bros.....	48,755	Jan. 9	120	652
Whisky.....	Straus Brothers Company.....	48,759	Jan. 9	120	652
Whisky.....	Straus Brothers Company.....	48,760	Jan. 9	120	652
Whisky.....	Van Vleet-Mansfield Drug Co.....	48,772	Jan. 9	120	653
Whisky.....	Van Vleet-Mansfield Drug Co.....	48,773	Jan. 9	120	653
Whisky.....	J. Cartun.....	48,815	Jan. 16	120	892
Whisky.....	M. Lange.....	48,822	Jan. 16	120	893
Whisky.....	Loeb Bloom & Co.....	48,825	Jan. 16	120	893
Whisky.....	Mellini & Eakin.....	48,826	Jan. 16	120	893
Whisky.....	P. J. Bowlin Liquor Co.....	48,827	Jan. 16	120	893
Whisky.....	Van Vleet-Mansfield Drug Co.....	48,837	Jan. 16	120	893
Whisky.....	Woolner & Company.....	48,840	Jan. 16	120	893
Whisky.....	Woolner & Company.....	48,841	Jan. 16	120	893
Whisky.....	Woolner & Company.....	48,842	Jan. 16	120	893
Whisky.....	Dreyfuss, Weil & Co.....	48,848	Jan. 16	120	894
Whisky.....	Dreyfuss, Weil & Co.....	48,849	Jan. 16	120	894
Whisky.....	Houck & Dieter Co.....	48,854	Jan. 16	120	894
Whisky.....	Straus Brothers Company.....	48,861	Jan. 16	120	894
Whisky.....	Star Distillery Company.....	48,864	Jan. 16	120	894
Whisky.....	S. Altmayer.....	49,010	Jan. 23	120	1155
Whisky.....	Bluthenthal & Heilbronner.....	49,011	Jan. 23	120	1155
Whisky.....	Brown-Forman Co.....	49,012	Jan. 23	120	1155
Whisky.....	P. Freiler.....	49,013	Jan. 23	120	1155
Whisky.....	Mitchell, Fletcher & Company.....	49,016	Jan. 23	120	1155
Whisky.....	M. Shaughnessy Distilling Com- pany.....	49,017	Jan. 23	120	1155
Whisky.....	A. E. Norris.....	49,019	Jan. 23	120	1155
Whisky.....	Roskam, Gerstley & Co.....	49,020	Jan. 23	120	1155
Whisky.....	D. Wise.....	49,022	Jan. 23	120	1155
Whisky.....	D. Wise.....	49,023	Jan. 23	120	1155
Whisky.....	Wright & Taylor.....	49,024	Jan. 23	120	1155
Whisky.....	C. Sandheger.....	49,032	Jan. 23	120	1156
Whisky.....	Star Distillery Company.....	49,037	Jan. 23	120	1156
Whisky.....	H. Swartz & Co.....	49,047	Jan. 23	120	1156
Whisky.....	Star Distillery Company.....	49,048	Jan. 23	120	1156
Whisky.....	D. Wise.....	49,049	Jan. 23	120	1156
Whisky.....	Brand Brothers Company.....	49,182	Jan. 30	120	1467
Whisky.....	J. & A. Freiberg.....	49,189	Jan. 30	120	1467
Whisky.....	Freiberg & Workum.....	49,190	Jan. 30	120	1467
Whisky.....	Friedman, Keiler & Co.....	49,191	Jan. 30	120	1467
Whisky.....	Glasner & Barzen Distilling & Importing Co.....	49,193	Jan. 30	120	1467
Whisky.....	L. W. Levy & Co.....	49,208	Jan. 30	120	1468
Whisky.....	J. Pohlman & Co.....	49,216	Jan. 30	120	1468
Whisky.....	J. Pohlman & Co.....	49,217	Jan. 30	120	1468
Whisky.....	J. Pohlman & Co.....	49,218	Jan. 30	120	1468
Whisky.....	E. J. Quinn.....	49,220	Jan. 30	120	1468
Whisky.....	Raphael & Zeugschmidt.....	49,222	Jan. 30	120	1468
Whisky.....	Raphael & Zeugschmidt.....	49,223	Jan. 30	120	1468
Whisky.....	C. H. Ross & Co.....	49,224	Jan. 30	120	1468
Whisky.....	Edgewood Distilling Company.....	49,247	Jan. 30	120	1469
Whisky.....	Weideman Company.....	49,259	Jan. 30	120	1470
Whisky.....	Union Wholesale Liquor Co.....	49,263	Jan. 30	120	1470
Whisky.....	Carstairs, McCall & Co.....	49,465	Feb. 6	120	1816
Whisky.....	Jacobs & Garrett.....	49,475	Feb. 6	120	1817
Whisky.....	M. Lange.....	49,477	Feb. 6	120	1817
Whisky.....	To-Kalon Vineyard Co.....	49,502	Feb. 6	120	1818
Whisky.....	B. S. Fliersheim Mercantile Co.....	49,511	Feb. 6	120	1818
Whisky.....	Carstairs, McCall & Co.....	49,515	Feb. 6	120	1819
Whisky.....	E. E. Dowham Co.....	49,518	Feb. 6	120	1819
Whisky.....	Geo. H. Goodman Company.....	49,521	Feb. 6	120	1819
Whisky.....	Glasner & Barzen Distilling & Importing Co.....	49,522	Feb. 6	120	1819
Whisky.....	Laventhal Bros.....	49,527	Feb. 6	120	1819
Whisky.....	F. P. Morway & Son.....	49,532	Feb. 6	120	1819
Whisky.....	A. Myers.....	49,535	Feb. 6	120	1819
Whisky.....	Rosenfield Bros. & Co.....	49,542	Feb. 6	120	1820
Whisky.....	H. Sander.....	49,544	Feb. 6	120	1820
Whisky.....	To-Kalon Vineyard Co.....	49,551	Feb. 6	120	1820
Whisky.....	To-Kalon Vineyard Co.....	49,552	Feb. 6	120	1820
Whisky.....	To-Kalon Vineyard Co.....	49,553	Feb. 6	120	1820
Whisky.....	L. J. Adler & Co.....	49,626	Feb. 13	120	2117
Whisky.....	Kaufmann Bros. & Co.....	49,659	Feb. 13	120	2119
Whisky.....	M. Lange.....	49,661	Feb. 13	120	2119
Whisky.....	Schuckmann & Seligmann Com- pany.....	49,678	Feb. 13	120	2119
Whisky.....	Straus, Gunst & Co.....	49,684	Feb. 13	120	2120
Whisky.....	A. Loeb.....	49,716	Feb. 13	120	2121
Whisky.....	Schuckmann & Seligmann Com- pany.....	49,729	Feb. 13	120	2121
Whisky.....	Bigbie Bros. & Co.....	49,759	Feb. 13	120	2122

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky	Lazarus and Nassauer	49,771	Feb. 13	120	2123
Whisky	L. Nelson	49,775	Feb. 13	120	2123
Whisky	Donoghue Importing Company	49,778	Feb. 13	120	2123
Whisky	Hoffheimer Bros. Co.	49,782	Feb. 13	120	2123
Whisky	Miloslawsky & Kraus	49,794	Feb. 20	120	2433
Whisky	T. W. Samuels Disty	49,796	Feb. 20	120	2433
Whisky	Ginter Grocery Company	49,800	Feb. 20	120	2433
Whisky	J. & A. Freiberg	49,810	Feb. 20	120	2434
Whisky	J. J. Hagerty & Co.	49,812	Feb. 20	120	2434
Whisky	J. A. Bokel Company of Baltimore City.	49,813	Feb. 20	120	2434
Whisky	Hoffheimer Bros. Co.	49,818	Feb. 20	120	2434
Whisky	D. Kelly Co.	49,935	Feb. 27	120	2745
Whisky	Ullman Einstein Co.	49,940	Feb. 27	120	2745
Whisky	Back and Griewe	49,943	Feb. 27	120	2745
Whisky	Many, Blanc & Co.	49,952	Feb. 27	120	2746
Whisky	Standard Distilling Co.	49,962	Feb. 27	120	2746
Whisky	Standard Distilling Co.	49,963	Feb. 27	120	2746
Whisky	C. F. Riordan	49,977	Feb. 27	120	2747
Whisky	A. Guckenheimer & Bros.	49,989	Feb. 27	120	2747
Whisky	E. Block & Sons	49,992	Feb. 27	120	2747
Whisky	P. J. Bowlin Liquor Co.	50,014	Feb. 27	120	2748
Whisky	J. W. Evenden Co.	50,023	Feb. 27	120	2748
Whisky	Star Distillery Company	50,028	Feb. 27	120	2749
Whisky	United Wine and Trading Company	50,140	Mar. 6	121	328
Whisky	Hurley & Co.	50,151	Mar. 6	121	328
Whisky	I. Michelson & Bros.	50,152	Mar. 6	121	328
Whisky	H. Kahn	50,153	Mar. 6	121	328
Whisky	L. & A. Scharif	50,154	Mar. 6	121	328
Whisky	Weideman Company	50,164	Mar. 6	121	329
Whisky	Bluthenthal & Bickart	50,167	Mar. 6	121	329
Whisky	H. W. Huguley Company	50,173	Mar. 6	121	329
Whisky	Jesse Moore Hunt Co.	50,175	Mar. 6	121	329
Whisky	J. & E. Mahoney	50,179	Mar. 6	121	329
Whisky	Maryland Distilling Co.	50,180	Mar. 6	121	329
Whisky	P. J. Bowlin Liquor Co.	50,185	Mar. 6	121	330
Whisky	S. Grabfelder & Co.	50,189	Mar. 6	121	330
Whisky	Wm. Bergethal Co.	50,196	Mar. 6	121	330
Whisky	William H. Lee & Co.	50,197	Mar. 6	121	330
Whisky	A. A. Wolf & Co.	50,199	Mar. 6	121	330
Whisky	Hartman, Goldsmith & Co.	50,203	Mar. 6	121	330
Whisky	F. W. Hunt & Co.	50,205	Mar. 6	121	330
Whisky	Mueller, Wathen & Kobert	50,207	Mar. 6	121	330
Whisky	Rock-Spring Distg. Co.	50,208	Mar. 6	121	330
Whisky	W. P. Squibb & Co.	50,211	Mar. 6	121	331
Whisky	J. D. Ulrich	50,215	Mar. 6	121	331
Whisky	J. T. S. Brown & Sons	50,259	Mar. 6	121	333
Whisky	Dreyfuss, Weil & Co.	50,263	Mar. 6	121	333
Whisky	M. L. Eppstein	50,264	Mar. 6	121	333
Whisky	M. L. Eppstein	50,265	Mar. 6	121	333
Whisky	J. & A. Freiberg	50,266	Mar. 6	121	333
Whisky	H. Groves Sons	50,269	Mar. 6	121	333
Whisky	F. W. Hunt & Co.	50,271	Mar. 6	121	333
Whisky	Hurley & Co.	50,273	Mar. 6	121	333
Whisky	Jas. E. Pepper & Co.	50,275	Mar. 6	121	333
Whisky	Kaufmann, Baer & Co.	50,276	Mar. 6	121	333
Whisky	L. Levy & Co.	50,277	Mar. 6	121	333
Whisky	S. Lieberman	50,278	Mar. 6	121	333
Whisky	J. A. Magnus & Co.	50,279	Mar. 6	121	333
Whisky	W. P. Squibb & Co.	50,293	Mar. 6	121	334
Whisky	I. Trager Co.	50,301	Mar. 6	121	334
Whisky	McCart Mosset Co.	50,302	Mar. 6	121	334
Whisky	N. M. Uri	50,306	Mar. 6	121	334
Whisky	D. Wise & Co.	50,321	Mar. 6	121	335
Whisky	Weiss Eichold Liquor Co.	50,356	Mar. 13	121	682
Whisky	L. Bush	50,362	Mar. 13	121	682
Whisky	Freiberg, Meyer & Co.	50,371	Mar. 13	121	682
Whisky	M. Harris	50,374	Mar. 13	121	683
Whisky	Pen-Mar Distilling Co.	50,397	Mar. 13	121	683
Whisky	Winand Distilling Company of Baltimore County.	50,399	Mar. 13	121	684
Whisky	Van Vleet-Mansfield Drug Co.	50,402	Mar. 13	121	684
Whisky	Kahn Bros.	50,415	Mar. 13	121	684
Whisky	I. Michelson & Bros.	50,418	Mar. 13	121	684
Whisky	I. Trager Co.	50,428	Mar. 13	121	685
Whisky	Wright & Taylor	50,437	Mar. 13	121	685
Whisky	Brede-Lang Co.	50,496	Mar. 20	121	1005
Whisky	P. Freiler	50,507	Mar. 20	121	1005
Whisky	D. Green	50,510	Mar. 20	121	1006
Whisky	H. R. Myers	50,520	Mar. 20	121	1006
Whisky	Shortell & Timmins	50,524	Mar. 20	121	1006
Whisky	Hoffheimer Bros. Co.	50,528	Mar. 20	121	1006
Whisky	Dallemand & Company	50,539	Mar. 20	121	1007
Whisky	A. Myers	50,552	Mar. 20	121	1007
Whisky	Straus Brothers Company	50,558	Mar. 20	121	1007
Whisky	W. Albrecht	50,638	Mar. 27	121	1337
Whisky	Glasner & Barzen Distilling & Importing Co.	50,647	Mar. 27	121	1337
Whisky	Martin & McAndrews	50,653	Mar. 27	121	1338
Whisky	S. F. Miller	50,655	Mar. 27	121	1338
Whisky	E. E. Nordenholz	50,656	Mar. 27	121	1338
Whisky	T. E. O'Keefe	50,658	Mar. 27	121	1338
Whisky	L. Rosenzweig	50,661	Mar. 27	121	1338
Whisky	M. Wortmann	50,673	Mar. 27	121	1338

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky	Samuel Westheimer & Son Wholesale Liquor Co.	50,694	Mar. 27	121	1339
Whisky	Figge Doyle Co.	50,718	Mar. 27	121	1340
Whisky	John Bardenheier Wine and Liquor Co.	50,933	Apr. 3	121	1662
Whisky	F. Jones	50,934	Apr. 3	121	1662
Whisky	W. H. Jones and Co.	50,935	Apr. 3	121	1662
Whisky	M. F. McDonough	50,941	Apr. 3	121	1662
Whisky	J. J. Douglas Co.	50,949	Apr. 3	121	1663
Whisky	H. E. Block	50,960	Apr. 3	121	1663
Whisky	Albany Wine & Liquor Co.	51,008	Apr. 3	121	1665
Whisky	H. Kahn	51,033	Apr. 3	121	1666
Whisky	C. Roth	51,045	Apr. 3	121	1667
Whisky	Roth & Co.	51,046	Apr. 3	121	1667
Whisky	Sample & Co.	51,047	Apr. 3	121	1667
Whisky	Steinhardt Bros. & Co.	51,050	Apr. 3	121	1667
Whisky	Trost Bros.	51,065	Apr. 3	121	1668
Whisky	J. H. Schwartz	51,102	Apr. 3	121	1669
Whisky	J. H. Schwartz	51,103	Apr. 3	121	1669
Whisky	J. H. Schwartz	51,104	Apr. 3	121	1669
Whisky	J. H. Schwartz	51,105	Apr. 3	121	1669
Whisky	A. D. Kerr Co.	51,113	Apr. 3	121	1670
Whisky	Bluthenthal & Bickart	51,118	Apr. 3	121	1670
Whisky	J. A. Gill	51,131	Apr. 3	121	1671
Whisky	H. Webster Company	51,134	Apr. 3	121	1671
Whisky	Samuel Westheimer & Son Wholesale Liquor Company.	51,156	Apr. 3	121	1672
Whisky	Union Distlg. Co.	51,164	Apr. 3	121	1672
Whisky	L. Nelson	51,195	Apr. 10	121	1967
Whisky	White, Hentz & Co.	51,256	Apr. 10	121	1970
Whisky	J. H. Beam	51,259	Apr. 10	121	1970
Whisky	M. J. Bligh	51,260	Apr. 10	121	1970
Whisky	P. Freiler	51,268	Apr. 10	121	1970
Whisky	Jas. R. Ross & Co.	51,269	Apr. 10	121	1970
Whisky	K. A. Buckley	51,279	Apr. 10	121	1971
Whisky	W. H. Jones and Co.	51,296	Apr. 10	121	1971
Whisky	G. Cohn	51,316	Apr. 10	121	1972
Whisky	Stern Brothers	51,334	Apr. 10	121	1973
Whisky	C. H. Ross & Co.	51,359	Apr. 10	121	1974
Whisky	Corning and Company	51,494	Apr. 17	121	2316
Whisky	Cahn, Belt & Co.	51,515	Apr. 17	121	2316
Whisky	Corning and Company	51,517	Apr. 17	121	2316
Whisky	J. & A. Freiberg	51,527	Apr. 17	121	2317
Whisky	A. P. Hotaling & Co.	51,541	Apr. 17	121	2317
Whisky	L. J. Adler	51,542	Apr. 17	121	2318
Whisky	J. & A. Freiberg	51,553	Apr. 17	121	2318
Whisky	R. M. Rose Co.	51,571	Apr. 17	121	2319
Whisky	O. Taussig	51,573	Apr. 17	121	2319
Whisky	M. L. Bean	51,577	Apr. 17	121	2319
Whisky	Epstein Bros. Co.	51,580	Apr. 17	121	2319
Whisky	C. J. Gallagher	51,583	Apr. 17	121	2319
Whisky	D. Kohn	51,585	Apr. 17	121	2319
Whisky	Mahan Supply Co.	51,591	Apr. 17	121	2319
Whisky	Wilmerding-Loewe Co.	51,602	Apr. 17	121	2320
Whisky	Frensdorf & Brown	51,611	Apr. 17	121	2320
Whisky	Theobald and Son Co.	51,628	Apr. 17	121	2321
Whisky	Eminence Distillery Co.	51,637	Apr. 17	121	2321
Whisky	Geo. Benz & Sons	51,643	Apr. 17	121	2321
Whisky	Geo. Benz & Sons	51,644	Apr. 17	121	2321
Whisky	W. H. Jones & Co.	51,655	Apr. 17	121	2322
Whisky	W. H. Jones & Co.	51,656	Apr. 17	121	2322
Whisky	Mountain Distg. Co.	51,659	Apr. 17	121	2322
Whisky	Mountain Distg. Co.	51,660	Apr. 17	121	2322
Whisky	Mountain Distg. Co.	51,661	Apr. 17	121	2322
Whisky	Mountain Distg. Co.	51,662	Apr. 17	121	2322
Whisky	R. A. Splaine & Co.	51,666	Apr. 17	121	2322
Whisky	F. Westheimer & Sons	51,674	Apr. 17	121	2323
Whisky	F. Westheimer & Sons	51,675	Apr. 17	121	2323
Whisky	L. Williams & Co.	51,697	Apr. 24	121	2650
Whisky	Ginter Grocery Company	51,698	Apr. 24	121	2650
Whisky	S. Binswanger & Bro.	51,723	Apr. 24	121	2651
Whisky	Union Distilling Co.	51,736	Apr. 24	121	2651
Whisky	Breen & Kennedy	51,740	Apr. 24	121	2651
Whisky	Calhoun Distilling Company	51,741	Apr. 24	121	2651
Whisky	Chicago Distilling Co.	51,778	Apr. 24	121	2653
Whisky	Clover Leaf Wine Co.	51,780	Apr. 24	121	2653
Whisky	P. Dempsey & Co.	51,786	Apr. 24	121	2653
Whisky	P. Dempsey & Co.	51,788	Apr. 24	121	2653
Whisky	Jesse Moore Hunt Co.	51,846	Apr. 24	121	2656
Whisky	F. Westheimer & Sons	51,853	Apr. 24	121	2656
Whisky	M. J. Doran	51,863	Apr. 24	121	2656
Whisky	Union Distilling Co.	51,876	Apr. 24	121	2657
Whisky	E. Well	51,877	Apr. 24	121	2657
Whisky	S. N. Weil & Co.	51,878	Apr. 24	121	2657
Whisky	Mountain Distg. Co.	51,904	Apr. 24	121	2658
Whisky	E. Well	51,913	Apr. 24	121	2658
Whisky	Geo. Benz & Sons	51,929	Apr. 24	121	2659
Whisky	John C. Weller Co.	51,935	Apr. 24	121	2659
Whisky	E. Well	51,952	Apr. 24	121	2660
Whisky	Ben J. Goldman Co.	52,126	May 1	122	343
Whisky	Carstairs Bros.	52,131	May 1	122	344
Whisky	E. Kuhlmann	52,150	May 1	122	345
Whisky	W. P. Squibb & Co.	52,161	May 1	122	345
Whisky	A. Guckenheimer & Bros.	52,173	May 1	122	345
Whisky	S. Hirsch & Co.	52,176	May 1	122	345

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page
Whisky	A. Myers	52,181	May 1	122	346
Whisky	A. Overholt & Co.	52,183	May 1	122	346
Whisky	F. C. Renziehausen	52,184	May 1	122	346
Whisky	Star Distillery Co.	52,188	May 1	122	346
Whisky	W. A. Taylor & Co.	52,190	May 1	122	346
Whisky	B. Bondy	52,193	May 1	122	346
Whisky	J. P. Connor	52,195	May 1	122	346
Whisky	J. P. Connor	52,196	May 1	122	346
Whisky	F. Glassup	52,204	May 1	122	346
Whisky	L. Nelson	52,212	May 1	122	347
Whisky	L. Kahn & Co.	52,270	May 8	122	713
Whisky	Star Distillery Co.	52,280	May 8	122	714
Whisky	Lang, Schenck & Co.	52,334	May 8	122	716
Whisky	Bluthenthal & Bickart	52,460	May 8	122	721
Whisky	Fairfax & Co.	52,479	May 8	122	722
Whisky	W. Schneider W. W. & L. Co.	52,494	May 8	122	722
Whisky	Star Distillery Co.	52,545	May 8	122	725
Whisky	Bluthenthal & Bickart	52,565	May 15	122	1031
Whisky	A. Lipman	52,577	May 15	122	1032
Whisky	D. Sachs and Sons	52,580	May 15	122	1032
Whisky	L. Lazarus	52,586	May 15	122	1032
Whisky	W. H. Jones and Co.	52,595	May 15	122	1033
Whisky	O. J. Carpenter	52,619	May 15	122	1033
Whisky	J. M. Cranston	52,642	May 15	122	1034
Whisky	P. Freiler	52,644	May 15	122	1034
Whisky	Hilbert Mercantile Co.	52,647	May 15	122	1034
Whisky	Lang, Schenck & Co.	52,648	May 15	122	1035
Whisky	Monticello Distilling Company	52,649	May 15	122	1035
Whisky	Gottschalk Co.	52,677	May 15	122	1036
Whisky	J. F. Sinnott	52,686	May 15	122	1036
Whisky	J. M. Carroll	52,713	May 15	122	1037
Whisky	Maryland Distilling Co.	52,728	May 15	122	1038
Whisky	F. S. Scherer	52,737	May 15	122	1038
Whisky	Van Vleet-Mansfield Drug Co.	52,746	May 15	122	1038
Whisky	Morrin-Powers Merc. Co.	52,785	May 15	122	1040
Whisky	C. W. Bauer	53,027	May 22	122	1391
Whisky	Bluthenthal & Bickart	53,029	May 22	122	1391
Whisky	Chicago Distilling Co.	53,033	May 22	122	1391
Whisky	J. M. Davis	53,034	May 22	122	1391
Whisky	E. H. Taylor, Jr. & Son	53,035	May 22	122	1391
Whisky	Feuchter Bros.	53,036	May 22	122	1391
Whisky	Freiberg & Kahn	53,038	May 22	122	1391
Whisky	A. Guckenheimer & Bros.	53,042	May 22	122	1391
Whisky	H. L. Griesedieck Dist'g Co.	53,043	May 22	122	1391
Whisky	W. H. Jones and Co.	53,045	May 22	122	1391
Whisky	Kaufmann, Baer & Co.	53,047	May 22	122	1391
Whisky	J. A. Magnus & Co.	53,050	May 22	122	1392
Whisky	J. H. F. Schwartz	53,056	May 22	122	1392
Whisky	Star Distillery Co.	53,057	May 22	122	1392
Whisky	F. J. Taber	52,058	May 22	122	1392
Whisky	F. J. Taber	52,059	May 22	122	1392
Whisky	F. J. Taber	52,060	May 22	122	1392
Whisky	W. L. Weller & Sons	53,064	May 22	122	1392
Whisky	L. J. Adler	53,111	May 29	122	1708
Whisky	A. Guckenheimer & Bros.	53,124	May 29	122	1708
Whisky	S. T. Harvey & Son	53,125	May 29	122	1708
Whisky	Hoffheimer Bros. Co.	53,126	May 29	122	1708
Whisky	A. A. Wolf & Co.	53,134	May 29	122	1708
Whisky	E. Eising & Co.	53,166	May 29	122	1710
Whisky	Freiberg & Kahn	53,172	May 29	122	1710
Whisky	Pardridge & Blackwell	53,181	May 29	122	1710
Whisky	P. Hamburger Company	53,246	May 29	122	1713
Whisky	S. Binswanger & Bro.	53,266	May 29	122	1714
Whisky	J. Nathan	53,324	May 29	122	1716
Whisky	L. J. Adler	53,397	June 5	122	2048
Whisky	S. Altmayer	53,398	June 5	122	2048
Whisky	Ben J. Goldman Co.	53,399	June 5	122	2048
Whisky	C. H. Graves & Son	53,400	June 5	122	2048
Whisky	W. P. Ives & Co.	53,402	June 5	122	2048
Whisky	S. Grabfelder & Co.	53,409	June 5	122	2048
Whisky	R. Steel	53,411	June 5	122	2048
Whisky	Brand Brothers Company	53,416	June 5	122	2049
Whisky	M. Fruhauf & Co.	53,418	June 5	122	2049
Whisky	B. W. Le Compte	53,425	June 5	122	2049
Whisky	Woodford Distilling Co.	53,456	June 5	122	2049
Whisky	Old Kentucky Distillery	53,494	June 5	122	2052
Whisky	Old Kentucky Distillery	53,495	June 5	122	2052
Whisky	Old Kentucky Distillery	53,524	June 5	122	2053
Whisky	Schenley Distilling Company	53,568	June 5	122	2055
Whisky	Swope & Mangold	53,574	June 5	122	2055
Whisky	M. Weiner	53,580	June 5	122	2055
Whisky	A. Berkowitz	53,588	June 5	122	2056
Whisky	H. Campe & Co.	53,589	June 5	122	2056
Whisky	Hoffheimer Bro's. Co.	53,600	June 5	122	2056
Whisky	Old Kentucky Distillery	53,604	June 5	122	2056
Whisky	Old Kentucky Distillery	53,605	June 5	122	2056
Whisky	Rhomberg Bros. & Co.	53,606	June 5	122	2056
Whisky	Sample & Co.	53,608	June 5	122	2057
Whisky	W. A. Taylor Co.	53,611	June 5	122	2057
Whisky	Ullman Einstein Co.	53,613	June 5	122	2057
Whisky	Bluthenthal & Bickart	53,619	June 5	122	2057
Whisky	A. Forbes	53,626	June 5	122	2057
Whisky	Freiberg & Workum	53,627	June 5	122	2057
Whisky	Fritz Thies Mercantile Co.	53,628	June 5	122	2057
Whisky	Hoffheimer Bros. Co.	53,632	June 5	122	2058
Whisky	Rhomberg Bros. & Co.	53,642	June 5	122	2058

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky	Chas. Shaffner & Co.	53,820	June 12	122	2381
Whisky	H. J. Hellert & Sons	53,822	June 12	122	2381
Whisky	O. J. Carpenter	53,841	June 12	122	2382
Whisky	Mayer, Sons & Co.	53,864	June 12	122	2383
Whisky	Mayer, Sons & Co.	53,865	June 12	122	2383
Whisky	E. A. McQuade	53,866	June 12	122	2383
Whisky	J. M. Cranston	53,879	June 12	122	2383
Whisky	George Bieler Sons Company	53,880	June 12	122	2383
Whisky	Kaufmann Bros. & Co.	53,885	June 12	122	2384
Whisky	Kiefer & Co.	53,886	June 12	122	2384
Whisky	Lazarus & Nassauer	53,887	June 12	122	2384
Whisky	A. Loeb	53,888	June 12	122	2384
Whisky	A. G. Marshuetz & Co.	53,889	June 12	122	2384
Whisky	Maryland Distilling Co.	53,890	June 12	122	2384
Whisky	Nelson Distilling Co.	53,891	June 12	122	2384
Whisky	Strauss, Pritz & Co.	53,903	June 12	122	2384
Whisky	Mayer, Sons & Co.	53,926	June 12	122	2385
Whisky	Bigbie Bros. & Co.	54,032	June 19	122	2678
Whisky	J. F. Sinnott	54,049	June 19	122	2679
Whisky	Weideman Company	54,068	June 19	122	2680
Whisky	P. J. Bowlin Liquor Co.	54,117	June 19	122	2682
Whisky	Tucker & McCormack	54,123	June 19	122	2682
Whisky	J. McGlinn	54,143	June 19	122	2682
Whisky	Meyer Marx Co.	54,144	June 19	122	2683
Whisky	Morrin-Powers Merc. Co.	54,145	June 19	122	2683
Whisky	Wilmerding-Loewe Co.	54,152	June 19	122	2683
Whisky	Josselson Bros. & Co.	54,170	June 19	122	2683
Whisky	Kamp Distilling Co.	54,193	June 19	122	2684
Whisky	W. Lanahan & Son	54,195	June 19	122	2684
Whisky	J. F. Sinnott	54,419	June 26	122	2994
Whisky	M. Lange	54,448	June 26	122	2996
Whisky	J. & E. Mahoney	54,449	June 26	122	2996
Whisky	T. E. O'Keefe	54,453	June 26	122	2996
Whisky	William H. Lee & Co.	54,460	June 26	122	2996
Whisky	Albert M. Gugenheim Co.	54,650	June 26	122	3004
Whisky	Brown-Forman Co.	54,652	June 26	122	3004
Whisky	E. Oppenheimer	54,676	June 26	122	3005
Whisky	Richardson Brunsing Co.	54,681	June 26	122	3005
Whisky	Straus Gunst & Co.	54,685	June 26	122	3005
Whisky	M. S. Lowenthal	54,716	June 26	122	3006
Whisky	C. H. Ross & Co.	54,723	June 26	122	3007
Whisky	T. J. Ryan	54,724	June 26	122	3007
Whisky	C. Bruml	54,735	June 26	122	3007
Whisky	Clover Leaf Wine Co.	54,738	June 26	122	3007
Whisky	Four Oaks Distilling Co.	54,747	June 26	122	3008
Whisky	S. Hirsch & Co.	54,750	June 26	122	3008
Whisky	E. Hirschhorn	54,751	June 26	122	3008
Whisky	E. Hyman & Son	54,752	June 26	122	3008
Whisky	Weiss Eichold Liquor Co.	54,761	June 26	122	3008
Whisky	Goodman Bros.	54,767	July 3	123	317
Whisky	Bachtold & Ackermann	55,145	Aug. 7	123	1983
Whisky	Schutz & Klawans	55,162	Aug. 7	123	1983
Whisky	Einstein Bros.	55,172	Aug. 7	123	1984
Whisky	Ellison-Harvey Co.	55,173	Aug. 7	123	1984
Whisky	M. L. Eppstein	55,174	Aug. 7	123	1984
Whisky	P. Freiler	55,175	Aug. 7	123	1984
Whisky	J. H. Friedenwald & Co.	55,176	Aug. 7	123	1984
Whisky	B. S. Greil & Co.	55,179	Aug. 7	123	1984
Whisky	Josselson Bros. & Co.	55,181	Aug. 7	123	1984
Whisky	Chas. M. Pfeifer & Co.	55,185	Aug. 7	123	1984
Whisky	W. Schuman	55,189	Aug. 7	123	1984
Whisky	Sol Rauh & Sons Co.	55,190	Aug. 7	123	1984
Whisky	R. Steel	55,192	Aug. 7	123	1984
Whisky	Wm. H. Holmes Co.	55,193	Aug. 7	123	1984
Whisky	A. A. Wolf & Co.	55,194	Aug. 7	123	1984
Whisky	Mueller, Wathen & Kobert	55,213	Aug. 7	123	1985
Whisky	Mueller, Wathen & Kobert	55,214	Aug. 7	123	1985
Whisky	Mueller, Wathen & Kobert	55,215	Aug. 7	123	1985
Whisky	W. E. Seel	55,227	Aug. 7	123	1985
Whisky	Bernheim Distilling Co.	55,232	Aug. 7	123	1985
Whisky	J. J. Crowley	55,238	Aug. 7	123	1985
Whisky	Melchers & Effler	55,245	Aug. 7	123	1986
Whisky	A. Graf Distilling Co.	55,256	Aug. 14	123	2299
Whisky	Bluthenthal & Bickart	55,260	Aug. 14	123	2299
Whisky	Corning and Company	55,261	Aug. 14	123	2299
Whisky	Gottschalk Co.	55,266	Aug. 14	123	2299
Whisky	H. J. Lebovitz	55,269	Aug. 14	123	2299
Whisky	Mueller, Wathen & Kobert	55,271	Aug. 14	123	2299
Whisky	Seyern Liquor Company	55,274	Aug. 14	123	2299
Whisky	A. Berkowitz	55,281	Aug. 14	123	2299
Whisky	G. Cohn	55,282	Aug. 14	123	2299
Whisky	H. F. Corbin & Co.	55,283	Aug. 14	123	2299
Whisky	Eminence Distillery Co.	55,284	Aug. 14	123	2299
Whisky	Erdreich Bros. & Marx	55,285	Aug. 14	123	2299
Whisky	Friedman, Keiler & Co.	55,287	Aug. 14	123	2299
Whisky	Friedman, Keiler & Co.	55,288	Aug. 14	123	2299
Whisky	Goodhart Hartman Co.	55,289	Aug. 14	123	2299
Whisky	Herman Popper & Bro.	55,291	Aug. 14	123	2300
Whisky	Hulman & Co.	55,292	Aug. 14	123	2300
Whisky	W. W. Johnson & Co.	55,293	Aug. 14	123	2300
Whisky	L. Lazarus	55,294	Aug. 14	123	2300
Whisky	R. M. Rose Co.	55,297	Aug. 14	123	2300
Whisky	Showell & Fryer	55,298	Aug. 14	123	2300
Whisky	Standard Distilling Co.	55,300	Aug. 14	123	2300
Whisky	Stone Hill Wine Co.	55,301	Aug. 14	123	2300
Whisky	Union Distilling Co.	55,302	Aug. 14	123	2300

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky	H. Rosenheim & Son	55,320	Aug. 14	123	2300
Whisky	Swope & Mangold	55,322	Aug. 14	123	2300
Whisky	A. Bauer & Co.	55,652	Aug. 21	123	2612
Whisky	Breen & Kennedy	55,660	Aug. 21	123	2613
Whisky	T. Bresnahan & Son	55,661	Aug. 21	123	2613
Whisky	J. Debar	55,672	Aug. 21	123	2613
Whisky	F. Chevalier Co.	55,679	Aug. 21	123	2613
Whisky	B. J. Kohlman	55,689	Aug. 21	123	2613
Whisky	W. Lanahan & Son	55,691	Aug. 21	123	2613
Whisky	Luyties Brothers	55,695	Aug. 21	123	2613
Whisky	Meyer Marx Co.	55,696	Aug. 21	123	2613
Whisky	F. Murphy & Co.	55,698	Aug. 21	123	2613
Whisky	Old Kentucky Distillery	55,702	Aug. 21	123	2614
Whisky	Rosenfield Bros. & Co.	55,715	Aug. 21	123	2614
Whisky	W. P. Squibb & Co.	55,720	Aug. 21	123	2614
Whisky	Chicago Distilling Co.	55,732	Aug. 21	123	2614
Whisky	P. Dempsey & Co.	55,737	Aug. 21	123	2615
Whisky	M. L. Eppstein	55,742	Aug. 21	123	2615
Whisky	Harris, Johnson & Co.	55,750	Aug. 21	123	2615
Whisky	O. H. Kiefer	55,758	Aug. 21	123	2615
Whisky	B. W. Le Compte	55,761	Aug. 21	123	2615
Whisky	Sol. Rauh & Sons Co.	55,787	Aug. 21	123	2616
Whisky	N. M. Uri	55,792	Aug. 21	123	2616
Whisky	A. A. Wolf & Co.	55,797	Aug. 21	123	2616
Whisky	H. Campe & Co.	55,805	Aug. 21	123	2616
Whisky	Columbia Distilling Co.	55,810	Aug. 21	123	2616
Whisky	B. J. Kohlman	55,824	Aug. 21	123	2617
Whisky	T. E. O'Keefe	55,830	Aug. 21	123	2617
Whisky	M. J. Bligh	55,967	Aug. 21	123	2621
Whisky	M. L. Eppstein	55,979	Aug. 21	123	2621
Whisky	Theobald and Son Co.	55,996	Aug. 21	123	2621
Whisky	Wright & Taylor	56,000	Aug. 21	123	2621
Whisky	Union Distilling Co.	56,023	Aug. 21	123	2622
Whisky	D. Holzman & Co.	56,034	Aug. 21	123	2622
Whisky	R. A. Splaine & Co.	56,054	Aug. 21	123	2623
Whisky	Bachtold & Achermann	56,061	Aug. 21	123	2623
Whisky	A. Baum & Sons	56,062	Aug. 21	123	2623
Whisky	J. H. Schwartz	56,087	Aug. 21	123	2624
Whisky	J. Spengler	56,089	Aug. 21	123	2624
Whisky	Union Distilling Co.	56,091	Aug. 21	123	2624
Whisky	N. M. Uri	56,092	Aug. 21	123	2624
Whisky	Mueller, Wathen & Kobert	56,174	Aug. 28	123	2970
Whisky	J. W. Flood	56,207	Sept. 4	124	313
Whisky	Frankfort Distillery	56,209	Sept. 4	124	313
Whisky	J. Merkel & Sons	56,215	Sept. 4	124	313
Whisky	Casey-Swasey Co.	56,229	Sept. 4	124	313
Whisky	Frankfort Distillery	56,237	Sept. 4	124	314
Whisky	E. M. Gerstel & Co.	56,238	Sept. 4	124	314
Whisky	H. F. Corbin & Co.	56,286	Sept. 4	124	315
Whisky	C. Kamper's Sons	56,336	Sept. 11	124	620
Whisky	H. W. Huguley Company	56,342	Sept. 11	124	620
Whisky	Gooderham & Worts	56,368	Sept. 18	124	901
Whisky	Back and Greiwe	56,432	Sept. 25	124	1201
Whisky	Bergin & Brady Co.	56,437	Sept. 25	124	1202
Whisky	Bonnie & Co.	56,439	Sept. 25	124	1202
Whisky	W. Borgmann	56,440	Sept. 25	124	1202
Whisky	F. Hesoun, Jr.	56,448	Sept. 25	124	1202
Whisky	Hiram Walker & Sons	56,449	Sept. 25	124	1202
Whisky	Rosenfield Bros. & Co.	56,466	Sept. 25	124	1202
Whisky	B. J. Semmes & Co.	56,469	Sept. 25	124	1202
Whisky	Straus Brothers Company	56,471	Sept. 25	124	1202
Whisky	Thixton, Millett & Co.	56,472	Sept. 25	124	1202
Whisky	A. Breslauer Company	56,480	Sept. 25	124	1203
Whisky	Columbia Distilling Co.	56,515	Oct. 2	124	1517
Whisky	Hannah & Hogg	56,518	Oct. 2	124	1518
Whisky	J. R. Hogg	56,519	Oct. 2	124	1518
Whisky	W. H. Jones and Co.	56,524	Oct. 2	124	1518
Whisky	T. C. O'Keefe	56,524	Oct. 2	124	1518
Whisky	M. E. Pollasky	56,527	Oct. 2	124	1518
Whisky	Sig. & Sol. H. Freiberg	56,609	Oct. 9	124	1838
Whisky	Union Distilling Company	56,632	Oct. 9	124	1839
Whisky	Weideman Company	56,635	Oct. 9	124	1839
Whisky	M. Harris	56,640	Oct. 16	124	2171
Whisky	M. Harris	56,641	Oct. 16	124	2171
Whisky	I. Michelson & Bros.	56,646	Oct. 16	124	2171
Whisky	R. E. Wathen & Company	56,651	Oct. 16	124	2171
Whisky	Robinson and Aronheim	56,653	Oct. 16	124	2171
Whisky	Ullman & Co.	56,654	Oct. 16	124	2171
Whisky	M. Goldbarth	56,658	Oct. 16	124	2171
Whisky	I. Merkel & Sons	56,664	Oct. 16	124	2171
Whisky	Ullman Einstein Co.	56,671	Oct. 16	124	2172
Whisky	A. Baetzhold	56,675	Oct. 16	124	2172
Whisky	J. H. Beam	56,677	Oct. 16	124	2172
Whisky	Charrot & Henry	56,678	Oct. 16	124	2172
Whisky	Federal Distilling Co.	56,681	Oct. 16	124	2172
Whisky	J. & A. Freiberg	56,683	Oct. 16	124	2172
Whisky	Greenlees Brothers	56,684	Oct. 16	124	2172
Whisky	R. T. Holmes	56,688	Oct. 16	124	2172
Whisky	Mountain Distilling Co.	56,691	Oct. 16	124	2172
Whisky	Dreyfuss, Weil & Co.	56,697	Oct. 16	124	2172
Whisky	C. J. Stubling	56,700	Oct. 16	124	2172
Whisky	To-Kalon Vineyard Co.	56,701	Oct. 16	124	2172
Whisky	To-Kalon Vineyard Co.	56,702	Oct. 16	124	2172
Whisky	Geo. Benz & Sons	56,808	Oct. 23	124	2528
Whisky	Hill, Thomson & Co.	56,809	Oct. 23	124	2528
Whisky	A. Overholt & Co.	56,876	Oct. 23	124	2528

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky	Chapin & Gore	56,889	Oct. 23	124	2529
Whisky	Francis Kelly & Co.	56,891	Oct. 23	124	2529
Whisky	J. Harbinson	56,892	Oct. 23	124	2529
Whisky	B. J. Semmes & Co.	56,900	Oct. 23	124	2529
Whisky	Weideman Company	56,903	Oct. 23	124	2529
Whisky	Weideman Company	56,904	Oct. 23	124	2529
Whisky	William Wolff & Co.	56,908	Oct. 23	124	2529
Whisky	Wm. Bergenthal Co.	56,909	Oct. 23	124	2529
Whisky	Boehmke Wine Company	56,913	Oct. 23	124	2529
Whisky	H. Ehrmann & Co.	56,997	Oct. 30	124	2896
Whisky	E. Block & Sons	57,017	Oct. 30	124	2896
Whisky	Schuster Co.	57,046	Oct. 30	124	2897
Whisky	B. Winter	57,050	Oct. 30	124	2897
Whisky	B. Winter	57,051	Oct. 30	124	2897
Whisky	Loeb, Bloom & Co.	57,061	Oct. 30	124	2898
Whisky	Strauss, Pritz & Co.	57,070	Oct. 30	124	2898
Whisky	Carter, Carter & Meigs	57,209	Nov. 6	125	344
Whisky	L. Rosenzweig	57,232	Nov. 6	125	345
Whisky	Woolner Distilling Company	57,239	Nov. 6	125	345
Whisky	Sonn Bros. Co.	57,262	Nov. 13	125	653
Whisky	Standard Distilling Co.	57,263	Nov. 13	125	653
Whisky	Standard Distilling Co.	57,264	Nov. 13	125	653
Whisky	Tucker and McCormack	57,265	Nov. 13	125	653
Whisky	J. Walsh & Co.	57,266	Nov. 13	125	653
Whisky	Weiss Eichold Liquor Co.	57,267	Nov. 13	125	653
Whisky	White, Hentz & Co.	57,269	Nov. 13	125	653
Whisky	William Werder & Son Company	57,270	Nov. 13	125	653
Whisky	F. Wolferman	57,271	Nov. 13	125	653
Whisky	F. Wolferman	57,272	Nov. 13	125	653
Whisky	Woolner & Company	57,273	Nov. 13	125	653
Whisky	Woolner & Company	57,274	Nov. 13	125	653
Whisky	Chas. A. Zahn Co.	57,275	Nov. 13	125	653
Whisky	M. H. Haussling	57,277	Nov. 13	125	653
Whisky	Hollenden Hotel Company	57,278	Nov. 13	125	653
Whisky	Standard Distilling Co.	57,279	Nov. 13	125	653
Whisky	Standard Distilling Co.	57,280	Nov. 13	125	653
Whisky	Ullman Einstein Co.	57,281	Nov. 13	125	653
Whisky	Ullman Einstein Co.	57,282	Nov. 13	125	653
Whisky	J. Walsh & Co.	57,283	Nov. 13	125	653
Whisky	Weiss Eichold Liquor Co.	57,284	Nov. 13	125	653
Whisky	F. Wolferman	57,285	Nov. 13	125	653
Whisky	F. Wolferman	57,286	Nov. 13	125	653
Whisky	S. Hirsch & Co.	57,312	Nov. 13	125	654
Whisky	M. J. Bligh	57,324	Nov. 13	125	654
Whisky	Robinson & Parker	57,474	Nov. 13	125	659
Whisky	Wheeling Liquor Co.	57,487	Nov. 13	125	659
Whisky	Schmidt & Dechert	57,521	Nov. 13	125	660
Whisky	H. Rosenheim & Son	57,542	Nov. 13	125	660
Whisky	Dreyfuss, Weil & Co.	57,558	Nov. 13	125	661
Whisky	Robinson & Parker	57,569	Nov. 13	125	661
Whisky	J. Wagner & Sons	57,616	Nov. 13	125	662
Whisky	Brown-Forman Co.	57,635	Nov. 27	125	1339
Whisky	Calhoun Distilling Company	57,637	Nov. 27	125	1339
Whisky	Freiberg, Meyer & Co.	57,641	Nov. 27	125	1339
Whisky	H. J. Hellert & Sons	57,643	Nov. 27	125	1339
Whisky	A. J. Henseler	57,644	Nov. 27	125	1339
Whisky	B. Holzmark	57,645	Nov. 27	125	1339
Whisky	Jacobs & Garrett	57,646	Nov. 27	125	1339
Whisky	Jesse Moore Hunt Co.	57,647	Nov. 27	125	1339
Whisky	S. A. Joseph	57,648	Nov. 27	125	1339
Whisky	S. Jung & Co.	57,649	Nov. 27	125	1339
Whisky	Kamp Distilling Co.	57,650	Nov. 27	125	1339
Whisky	Kreiselheimer Bros.	57,651	Nov. 27	125	1339
Whisky	Meyer Marx Co.	57,656	Nov. 27	125	1339
Whisky	Meyer Marx Co.	57,657	Nov. 27	125	1339
Whisky	Schuster Co.	57,659	Nov. 27	125	1339
Whisky	Woolner Distilling Company	57,667	Nov. 27	125	1339
Whisky	A. Baum & Sons	57,671	Nov. 27	125	1340
Whisky	Jacobs & Garrett	57,675	Nov. 27	125	1340
Whisky	Sandell Bros.	57,682	Nov. 27	125	1340
Whisky	A. Baum & Sons	57,694	Nov. 27	125	1340
Whisky	Charles Dennehy & Company	57,699	Nov. 27	125	1340
Whisky	D. Kelly Company	57,700	Nov. 27	125	1340
Whisky	Frankfort Distillery	57,703	Nov. 27	125	1340
Whisky	Freiberg, Meyer & Co.	57,704	Nov. 27	125	1340
Whisky	M. & K. Gottstein	57,706	Nov. 27	125	1340
Whisky	Hilbert Mercantile Co.	57,710	Nov. 27	125	1341
Whisky	Loeb, Bloom & Co.	57,716	Nov. 27	125	1341
Whisky	Mayer, Sons & Co.	57,719	Nov. 27	125	1341
Whisky	F. C. Renziehausen	57,723	Nov. 27	125	1341
Whisky	G. A. Dickel & Co.	57,876	Nov. 27	125	1345
Whisky	Dowling Bros.	58,009	Dec. 4	125	1692
Whisky	Oriental Liquor Company	58,015	Dec. 4	125	1692
Whisky	Straus Brothers Company	58,018	Dec. 4	125	1692
Whisky	Lang, Schenck & Co.	58,023	Dec. 4	125	1693
Whisky	G. Lewy	58,024	Dec. 4	125	1693
Whisky	E. Martinoni	58,026	Dec. 4	125	1693
Whisky	L. Nelson	58,027	Dec. 4	125	1693
Whisky	Raphael & Zeugschmidt	58,028	Dec. 4	125	1693
Whisky	J. & E. Mahoney	58,033	Dec. 4	125	1693
Whisky	Nelson Distilling Co.	58,034	Dec. 4	125	1693
Whisky	Pocatello Mercantile Co.	58,036	Dec. 4	125	1693
Whisky	C. Sehlinger Sons & Co.	58,040	Dec. 4	125	1693
Whisky	A. Breslauer Company	58,053	Dec. 4	125	1693
Whisky	A. Breslauer Company	58,054	Dec. 4	125	1693
Whisky	Calhoun Distilling Co.	58,057	Dec. 4	125	1693

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky.	W. W. Cooper & Co.	58,058	Dec. 4	125	1693
Whisky.	M. Gans Company	58,064	Dec. 4	125	1694
Whisky.	Nelson Distilling Co.	58,066	Dec. 4	125	1694
Whisky.	Old "76" Distilling Co.	57,067	Dec. 4	125	1694
Whisky.	L. Rosenzweig	57,068	Dec. 4	125	1694
Whisky.	Sol Rauh & Sons Co.	58,069	Dec. 4	125	1694
Whisky.	Strauss, Pritz & Co.	58,070	Dec. 4	125	1694
Whisky.	Strauss, Pritz & Co.	58,071	Dec. 4	125	1694
Whisky.	William H. Lee & Co.	58,073	Dec. 4	125	1694
Whisky.	Garrett-Williams Company	58,076	Dec. 4	125	1694
Whisky.	Beech Hill Distilling Co.	58,099	Dec. 4	125	1694
Whisky.	Union Distl'g Co.	58,120	Dec. 4	125	1695
Whisky.	Union Distl'g Co.	58,121	Dec. 4	125	1695
Whisky.	Union Distl'g Co.	58,122	Dec. 4	125	1695
Whisky.	Union Distl'g Co.	58,123	Dec. 4	125	1695
Whisky.	Union Distl'g Co.	58,124	Dec. 4	125	1695
Whisky.	William H. Lee & Co.	58,212	Dec. 11	125	2038
Whisky.	A. W. Lemcke	58,239	Dec. 11	125	2039
Whisky.	Rieger & Lindley	58,245	Dec. 11	125	2039
Whisky.	Mallard Distilling Co.	58,260	Dec. 11	125	2039
Whisky.	H. C. Myers	58,261	Dec. 11	125	2039
Whisky.	Roewekamp Bros.	58,264	Dec. 11	125	2039
Whisky.	S. Streit & Co.	58,266	Dec. 11	125	2039
Whisky.	Ullman & Co.	58,268	Dec. 11	125	2040
Whisky.	Sam Baret's Importing Co.	58,287	Dec. 11	125	2040
Whisky.	Belmont Distillery Company	58,295	Dec. 11	125	2040
Whisky.	Records & Goldsborough	58,320	Dec. 11	125	2041
Whisky.	C. H. Ross & Co.	58,321	Dec. 11	125	2041
Whisky.	Brennan & Ward	58,335	Dec. 11	125	2041
Whisky.	Chas. Shafner & Co.	58,336	Dec. 11	125	2041
Whisky.	V. Franz Co.	58,338	Dec. 11	125	2041
Whisky.	Geo. Benz & Sons	58,339	Dec. 11	125	2041
Whisky.	George F. Hewett Co.	58,340	Dec. 11	125	2041
Whisky.	Many, Blanc & Co.	58,348	Dec. 11	125	2042
Whisky.	R. M. Rose Co.	58,349	Dec. 11	125	2042
Whisky.	R. M. Rose Co.	58,350	Dec. 11	125	2042
Whisky.	Simon & May	58,353	Dec. 11	125	2042
Whisky.	N. M. Uri	58,355	Dec. 11	125	2042
Whisky.	N. M. Uri	58,356	Dec. 11	125	2042
Whisky.	N. M. Uri	58,357	Dec. 11	125	2042
Whisky.	Vaccaro Cigar & Liquor Co.	58,358	Dec. 11	125	2042
Whisky.	J. Moroney	58,370	Dec. 11	125	2042
Whisky.	J. Moroney	58,371	Dec. 11	125	2042
Whisky.	F. S. Scherer	58,379	Dec. 11	125	2042
Whisky.	J. H. Friedenwald & Co.	58,403	Dec. 11	125	2043
Whisky.	R. H. Cate	58,476	Dec. 18	125	2354
Whisky.	R. H. Cate	58,477	Dec. 18	125	2354
Whisky.	Freiberg & Workum	58,481	Dec. 18	125	2354
Whisky.	Freiberg & Workum	58,482	Dec. 18	125	2354
Whisky.	A. Menn, Jr.	58,496	Dec. 18	125	2354
Whisky.	Old "76" Distilling Co.	58,498	Dec. 18	125	2354
Whisky.	Schaefer & Driehorst Co.	58,503	Dec. 18	125	2355
Whisky.	Shea-Bocqueraz Co.	58,504	Dec. 18	125	2355
Whisky.	Woodford Distilling Co.	58,510	Dec. 18	125	2355
Whisky.	W. A. Ross	58,530	Dec. 18	125	2355
Whisky.	Jas. R. Ross & Co.	58,556	Dec. 18	125	2356
Whisky.	Woodford Distilling Co.	58,816	Dec. 25	125	2755
Whisky.	Geo. Benz & Sons	58,857	Dec. 25	125	2756
Whisky.	M. Harris	58,862	Dec. 25	125	2756
Whisky.	M. Harris	58,863	Dec. 25	125	2756
Whisky.	J. F. O'Toole	58,868	Dec. 25	125	2756
Whisky.	Union Distl'g Co.	58,873	Dec. 25	125	2756
Whisky.	A. Marymont Company	58,877	Dec. 25	125	2756
Whisky.	Old "76" Distilling Co.	58,896	Dec. 25	125	2757
Whisky.	Peacock Distillery Co.	58,898	Dec. 25	125	2757
Whisky.	Feuchter Bros.	58,919	Dec. 25	125	2757
Whisky.	P. T. O'Brien	58,924	Dec. 25	125	2757
Whisky.	Charles Dennehy & Company	58,973	Dec. 25	125	2759
Whisky.	Charles Dennehy & Company	58,974	Dec. 25	125	2759
Whisky.	F. Simon	58,990	Dec. 25	125	2759
Whisky.	B. Thornton & Co.	58,994	Dec. 25	125	2759
Whisky.	Jett Bros. Distilling Co.	59,001	Dec. 25	125	2759
Whisky.	B. Winter	59,009	Dec. 25	125	2760
Whisky.	Irish	John Power & Son	55,687	Aug. 21	123 2613
Whisky.	Irish	Weideman Company	56,937	Oct. 23	124 2530
Whisky.	Irish	John Power & Son	57,219	Nov. 6	125 344
Whisky.	Malt	Wichman, Lutgen & Co.	50,308	Mar. 6	121 334
Whisky.	Malt	S. Binswanger & Bro.	52,504	May 8	122 723
Whisky.	Pure malt Scotch	G. S. Grant	53,002	May 22	122 1390
Whisky.	Rye	Henry B. Gilpin Co.	50,160	Mar. 6	121 329
Whisky.	Rye	Henry B. Gilpin Co.	50,298	Mar. 6	121 334
Whisky.	Rye	Gilliams, Jones & Co.	50,509	Mar. 20	121 1005
Whisky.	Rye	G. Gump & Sons	50,648	Mar. 27	121 1337
Whisky.	Rye	Uiman, Boykin & Co.	50,671	Mar. 27	121 1338
Whisky.	Rye	Gilliams, Jones & Co.	51,185	Apr. 10	121 1968
Whisky.	Rye	Batjer & Co.	53,414	June 5	122 2048
Whisky.	Rye	J. H. Hentz, Jr.	53,823	June 12	122 2381
Whisky.	Rye	Almens Distilling Company	56,222	Sept. 4	124 313
Whisky.	Rye	Gilliams, Jones & Co.	56,366	Sept. 18	124 901
Whisky.	Rye	Gilliams, Jones & Co.	56,367	Sept. 18	124 901
Whisky.	Rye	Uiman, Boykin & Co.	56,570	Oct. 9	124 1837
Whisky.	Scotch	R. M. Haan	53,548	June 5	122 2054
Whisky.	Scotch	Weideman Company	56,535	Oct. 2	124 1518
Whisky.	Scotch	John Burke Importing Company	56,872	Oct. 23	124 2528
Whisky.	Scotch	F. R. West's Nephews	57,268	Nov. 13	125 653
Whisky.	Scotch	J. Gillon & Co.	57,276	Nov. 13	125 653

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Whisky. Scotch.....	Kinahan & Company.....	57,994	Dec. 4	125	1692
Whisky. Scotch.....	Kinahan & Company.....	58,032	Dec. 4	125	1693
Wicks. Lamp and candle.....	Fletcher Manufacturing Company.....	52,568	May 15	122	1032
Wicks, webs, and webbings.....	Fletcher Manufacturing Company.....	48,777	Jan. 16	120	891
Windmills.....	Flint and Walling Manufacturing Company.....	51,742	Apr. 24	121	2651
Windmills.....	Heller-Aller Co.....	54,040	June 19	122	2678
Windmills.....	Aermotor Company.....	56,596	Oct. 9	124	1838
Windows and skylights.....	A. E. Rendle.....	53,563	June 5	122	2055
Wine.....	P. Freiler.....	48,523	Jan. 2	120	318
Wine.....	California Wine Association.....	49,704	Feb. 13	120	2120
Wine.....	California Wine Association.....	49,705	Feb. 13	120	2120
Wine.....	Wm. Hoelscher and Co.....	49,753	Feb. 13	120	2122
Wine.....	Italian Swiss Colony.....	50,096	Mar. 6	121	326
Wine.....	Italian Swiss Colony.....	50,097	Mar. 6	121	326
Wine.....	P. J. Bowlin Liquor Co.....	50,101	Mar. 6	121	326
Wine.....	Henry Block Co.....	50,268	Mar. 6	121	333
Wine.....	Pleasant Valley Wine Co.....	50,335	Mar. 13	121	681
Wine.....	P. J. Bowlin Liquor Co.....	50,420	Mar. 13	121	685
Wine.....	Italian Swiss Colony.....	51,421	Apr. 17	121	2313
Wine.....	F. Handrich.....	51,841	Apr. 24	121	2655
Wine.....	W. H. Jones & Co.....	52,522	May 8	122	724
Wine.....	Henry Block Co.....	53,003	May 22	122	1390
Wine.....	Charles & Co.....	53,032	May 22	122	1391
Wine.....	W. H. Jones and Co.....	53,046	May 22	122	1391
Wine.....	H. R. Myers.....	53,827	June 12	122	2381
Wine.....	Wm. Hoelscher and Co.....	53,874	June 12	122	2383
Wine.....	Geo. Benz & Sons.....	53,914	June 12	122	2385
Wine.....	J. Wile Sons & Co.....	54,459	June 26	122	2996
Wine.....	I. Goldoft.....	54,616	June 26	122	3002
Wine.....	California Wine Association.....	55,662	Aug. 21	123	2613
Wine.....	California Wine Association.....	55,663	Aug. 21	123	2613
Wine.....	Schlesinger & Bender.....	56,936	Oct. 23	124	2530
Wine.....	I. Rosenzweig.....	57,337	Nov. 13	125	655
Wine.....	Oriental Liquor Company.....	58,035	Dec. 4	125	1693
Wine. Champagne.....	G. H. Mumm & Co.....	51,869	Apr. 24	121	2657
Wine. Champagne.....	G. H. Mumm & Co.....	54,113	June 19	122	2681
Wine. Champagne.....	G. H. Mumm & Co.....	55,641	Aug. 21	123	2612
Wine. Champagne.....	G. H. Mumm & Co.....	55,642	Aug. 21	123	2612
Wine. Champagne.....	G. H. Mumm & Co.....	55,643	Aug. 21	123	2612
Wine. Champagne.....	G. H. Mumm & Co.....	58,835	Dec. 25	125	2755
Wine. Fruit.....	L. Rosenzweig.....	50,102	Mar. 6	121	326
Wine in bottles. White.....	Compañia Vinicola del Norte de España.....	52,509	May 8	122	723
Wine. Malt.....	New England Brewing Company.....	54,116	June 19	122	2681
Wines.....	S. Hochstadter.....	48,547	Jan. 2	120	319
Wines.....	Rosenblatt Co.....	48,961	Jan. 16	120	898
Wines.....	S. S. Pierce Co.....	49,873	Feb. 20	120	2436
Wines.....	S. B. Smith.....	50,860	Apr. 3	121	1659
Wines.....	J. S. Draper.....	51,208	Apr. 10	121	1967
Wines.....	P. Gargiulo & Co.....	53,040	May 22	122	1391
Wines.....	J. R. Schneider.....	53,154	May 29	122	1709
Wines.....	W. A. Taylor & Co.....	53,446	June 5	122	2050
Wines.....	To-Kalon Wine Co.....	53,905	June 12	122	2384
Wines.....	Steuben County Wine Co.....	56,550	Oct. 2	124	1518
Wines.....	P. J. Bowlin Liquor Co.....	56,648	Oct. 16	124	2171
Wines.....	Wetmore, Bowen Co.....	56,906	Oct. 23	124	2529
Wines.....	Mono Vineyard & Wine Co.....	57,043	Oct. 30	124	2897
Wines.....	S. & S. H. Freiberg.....	58,031	Dec. 4	125	1693
Wines.....	H. Obernauer.....	58,564	Dec. 18	125	2356
Wines and champagnes.....	Regent Wine Company.....	57,229	Nov. 6	125	344
Wines. Bitter.....	J. Triner.....	48,569	Jan. 2	120	320
Wines, both still and sparkling.....	New Hammondsport Wine Company.....	57,200	Nov. 6	125	344
Wines. Madeira.....	W. A. Taylor & Co.....	52,024	May 1	122	340
Wines of all kinds.....	A. de Luze & Fils.....	54,082	June 19	122	2680
Wines. Sparkling.....	White Top Champagne Company.....	48,536	Jan. 2	120	318
Wines. Still and sparkling.....	New Hammondsport Wine Company.....	57,180	Nov. 6	125	343
Wire.....	United Shoe Machinery Company.....	50,597	Mar. 27	121	1335
Wire articles. Certain named.....	American Steel & Wire Company of New Jersey.....	57,935	Dec. 4	125	1690
Wire. Barbed.....	Bell Wire Company.....	56,712	Oct. 16	124	2173
Wire-cloth. Door and window screen.....	Gilbert & Bennett Manufacturing Company.....	52,203	May 1	122	346
Wire cloths and screens.....	W. S. Tyler Company.....	52,388	May 8	122	718
Wire goods. Certain.....	New Jersey Wire Cloth Co.....	58,687	Dec. 25	125	2751
Wire hat-frames made without tie-wires. Ladies.....	Totem Machine Co.....	54,646	June 26	122	3003
Wire netting, fencing, cloth, and lathing.....	New Jersey Wire Cloth Co.....	57,384	Nov. 13	125	656
Wire rope.....	Durable Wire Rope Co.....	49,947	Feb. 27	120	2745
Wire rope.....	Macomber & Whyte Rope Company.....	53,553	June 5	122	2054
Wire rope.....	Macomber & Whyte Rope Company.....	58,983	Dec. 25	125	2759
Wire ropes.....	A. Leschen & Sons Rope Co.....	49,139	Jan. 23	120	1160
Wood and cabinet scrapers.....	E. C. Atkins & Company.....	50,810	Apr. 3	121	1657
Wood-finish.....	E. Johnson.....	54,016	June 19	122	2677
Wood-preserving compound. Chemical.....	American Wood Preserving Co.....	56,859	Oct. 23	124	2528
Wood-preserving compounds.....	P. H. Gerhardt.....	51,987	May 1	122	338
Wooden receptacles. Certain named.....	Prewitt-Spurr Mfg. Co.....	49,777	Feb. 13	120	2123
Wool and cotton piece goods.....	Pacific Mills.....	55,704	Aug. 21	123	2614
Woolen and worsted piece goods.....	Shackamaxon Worsted Co.....	53,106	May 29	122	1707
Woolen batistes.....	Blodgett, Ordway & Webber.....	55,592	Aug. 21	123	2611

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
Woolen cloth.....	Talbot Mills.....	52,742	May 15	122	1038
Woolen cloths.....	American Woolen Company.....	50,166	Mar. 6	121	329
Woolen dress goods.....	J. Lonke.....	51,588	Apr. 17	121	2319
Woolen dress goods. Bolted.....	J. Lonke.....	54,556	June 26	122	3000
Woolen or worsted fabric.....	Botany Worsted Mills.....	52,712	May 15	122	1037
Woolen piece goods.....	Beebe-Webber Company.....	54,489	June 26	122	2997
Woolen piece goods.....	Beebe-Webber Company.....	55,629	Aug. 21	123	2612
Woolens, silks, cotton goods, and velvets.....	M. Rosenbaum's Sons.....	57,813	Nov. 27	125	1343
Woolens, silks, cotton goods, and velvets.....	M. Rosenbaum's Sons.....	57,814	Nov. 27	125	1343
Woolens, silks, cotton goods, and velvets.....	M. Rosenbaum's Sons.....	57,815	Nov. 27	125	1343
Worm-destroyer or vermifuge.....	G. G. Steketee.....	51,598	Apr. 17	121	2320
Worm-syrup.....	Dr. C. A. Voorhees Estate.....	49,581	Feb. 13	120	2116
Worsted, woolen, and cotton mixed piece goods.....	Griffon Company.....	52,952	May 22	122	1388
Worsted, woolen, and cotton mixed piece goods.....	Griffon Company.....	53,915	June 12	122	2385
Wrenches.....	Whitman & Barnes Manufacturing Company.....	49,625	Feb. 13	120	2117
Wrenches.....	Walworth M'fg Co.....	50,842	Apr. 3	121	1658
Wrenches.....	Whitman & Barnes Manufacturing Company.....	51,576	Apr. 17	121	2319
Wrenches.....	Walworth Manufacturing Co.....	52,118	May 1	122	343
Wrenches.....	Whitman & Barnes Manufacturing Company.....	52,966	May 22	122	1388
Wrenches.....	Walworth Manufacturing Company.....	53,579	June 5	122	2055
Wrenches.....	Mossberg Wrench Company.....	53,665	June 12	122	2375
Wrenches.....	Whitman & Barnes Manufacturing Company.....	54,259	June 26	122	2988
Wrenches and vises.....	J. H. Williams & Co.....	54,062	June 19	122	2679
Wrenches, bit-braces, and shovels.....	Russell & Erwin Manufacturing Company.....	58,502	Dec. 18	125	2355
Wringers.....	American Wringer Company.....	52,689	May 15	122	1036
Wringers.....	American Wringer Company.....	53,742	June 12	122	2378
Wringers and rolls thereof.....	Metropolitan Manufacturing Company.....	52,077	May 1	122	341
Wringers and the parts thereof. Clothes.....	American Wringer Company.....	52,406	May 8	122	719
Wringers. Clothes.....	American Wringer Company.....	53,995	June 19	122	2677
Wringing-machines.....	American Wringer Company.....	53,448	June 5	122	2050
X-ray tubes.....	H. Green.....	58,440	Dec. 18	125	2353
Yarn. Certain named.....	Whittier Mills.....	56,330	Sept. 11	124	620
Yarn, sewing and crochet cotton. Cotton.....	Jonas Brook & Bros.....	54,336	June 26	122	2991
Yarn. Thread.....	Elizabeth Mill Co.....	49,471	Feb. 6	120	1817
Yarns. Cotton.....	Shaw, Jardine & Co.....	56,052	Aug. 21	123	2623
Yarns. Cotton.....	McConnel & Co.....	56,072	Aug. 21	123	2623
Yarns. Embroidery, knitting, and crocheting.....	Dexter Yarn Company.....	56,065	Aug. 21	123	2623
Yarns of all descriptions.....	Wm. H. Horstmann Company.....	50,216	Mar. 6	121	331
Yarns. Woolen and worsted.....	R. Blankenburg & Co.....	54,321	June 26	122	2990
Yarns. Woolen, worsted, and mohair.....	Henry E. Frankenberg Co.....	49,194	Jan. 30	120	1467
Yarns. Woolen, worsted, and mohair.....	Henry E. Frankenberg Co.....	49,195	Jan. 30	120	1467
Yarns. Woolen, worsted, and mohair.....	Henry E. Frankenberg Company.....	49,198	Jan. 30	120	1467
Yarns. Woolen, worsted, and mohair.....	Henry E. Frankenberg Company.....	52,442	May 8	122	720
Yarns. Woolen, worsted, and mohair.....	Henry E. Frankenberg Company.....	52,443	May 8	122	720
Yarns. Worsted.....	S. B. & B. W. Fleisher.....	50,388	Mar. 13	121	683
Yeast.....	New Process Yeast Co.....	53,759	June 12	122	2379
Yeast.....	National Distilling Co.....	55,768	Aug. 21	123	2615
Yeast.....	Aktenbrauerei zum Löwenbräu in München.....	56,882	Oct. 23	124	2529
Yeast-cake.....	Star Yeast Cake Co.....	51,276	Apr. 10	121	1970
Yeast-cakes.....	Mrs. McCullough Yeast Co.....	58,134	Dec. 4	125	1695
Yeast. Compressed.....	Fleischmann Co.....	52,999	May 22	122	1390
Yeast. Compressed.....	Fleischmann Co.....	53,000	May 22	122	1390
Yeast. Crumb.....	Yost Yeast Co.....	49,929	Feb. 20	120	2438
Yeast in solid form.....	Vienna Pressed Yeast Company.....	54,883	July 31	123	1660
Yeast in solid form.....	Vienna Pressed Yeast Company.....	55,584	Aug. 14	123	2307
Yeast in solid form.....	Vienna Pressed Yeast Company.....	56,473	Sept. 25	124	1202
Yeast-powder.....	Rumford Chemical Works.....	50,290	Mar. 6	121	334

ALPHABETICAL LIST OF LABELS.

Title.	Name.	No.	Date.	Official Gazette.	
				Volume.	Page.
"A No. 1." (For Tea)	A. & G. Meyer	12,932	June 12	122	2387
"A No. 1." (For Coffee)	A. & G. Meyer	12,947	June 26	122	3009
"A Study in Cotton." (For a School Study-Box for Children)	A. G. Helmer.	12,928	June 5	122	2059
"A Swedish Cure for Rheumatism, Lumbago, Sprains, and All Kindred Ailments." (For a Liniment.)	F. Heimer	12,984	July 3	123	318
"A 2 Z." (For a Liquid Cleaner)	N. L. Simmons	12,774	Apr. 3	121	1673
"A A Dental Mouth Wash." (For Mouth-Wash)	Atlanta Antiseptic Co.	12,606	Jan. 9	120	654
"A. B. C. Candy Package." (For Candy-Boxes)	J. H. Deckman & Son	12,995	July 10	123	652
"Abdulla & Co., Ltd." (For Cigarettes and Cigarette-Tobacco)	Abdulla & Co.	12,588	Jan. 2	120	322
"Acme." (For Percales)	Carson, Pirie, Scott and Company.	12,838	May 1	122	349
"Aguas de Inca." (For Spring-Water)	Inca Springs Co.	13,182	Nov. 6	125	346
"Albany Heel Plates." (For Heel-Plates)	F. W. Witcher	13,084	Sept. 11	124	621
"Ale of Ginger." (For Ginger-Ale)	Chattanooga Bottling Company.	12,687	Feb. 27	120	2751
"Alexander Hamilton." (For Cigars)	G. B. Samuel.	12,690	Feb. 27	120	2751
"Alka-Dent." (For Dentifrice)	C. M. Griswold.	12,691	Feb. 27	120	2751
"Allen's Royal Silver Polish." (For Silver-Polish)	J. C. Allen.	13,205	Nov. 20	125	988
"Almond Cold Cream, La Favorita." (For Cold-Cream)	Jacobus Pharmacal Co.	12,631	Jan. 23	120	1162
"Amazon Vegetable Boiler Compound." (For a Vegetable Boiler Compound.)	Amazon Chemical Manufacturing Co.	12,739	Mar. 27	121	1345
"Ambrosia Angel's Food Sweet Vanilla Chocolate." (For Chocolate.)	Ambrosia Chocolate Company	12,621	Jan. 23	120	1162
"Ambrosia Pure Chocolate Wafers." (For Confectionery)	Ambrosia Chocolate Company	12,860	May 8	122	726
"Ambrosia Pure Cocoa." (For Cocoa)	Ambrosia Chocolate Company	12,622	Jan. 23	120	1162
"Ambrosia Sweet Chocolate." (For Chocolate)	Ambrosia Chocolate Company	12,620	Jan. 23	120	1162
"American Beauty." (For Embroideries)	Carson, Pirie, Scott and Company.	12,836	May 1	122	349
"American Cabinet." (For Cigars)	R. Steinecke Company.	12,635	Jan. 30	120	1475
"American Club Cheese." (For Cheese)	McLeod & Ormsbee	13,235	Dec. 4	125	1697
"Amontillado Sherry." (For Sherry-Wine)	Feldmann Importing Co.	13,218	Nov. 27	125	1346
"Amoroso Sherry." (For Sherry-Wine)	Feldmann Importing Co.	13,217	Nov. 27	125	1346
"Anti-Bromo Headache Cure." (For a Headache Cure to be Used Externally.)	C. H. White.	12,983	July 3	123	318
"Al. Green Peas." (For Dried Green Peas)	J. Farrow	12,977	July 3	123	318
"Arabian Coffee Phosphate." (For a Beverage)	Girard Spring Water Co.	12,748	Apr. 3	121	1673
"Arabian Slave." (For Cigars)	A. C. Henschel & Co.	13,232	Dec. 4	125	1697
"Arcadia Beauty." (For Canned Corn)	Wayne County Preserving Co.	12,735	Mar. 27	121	1345
"Army and Navy Export Beer." (For Bottled Beer)	Robert Portner Brewing Company.	12,750	Apr. 3	121	1673
"Astanyby." (For Toilet-Paper)	Scott Paper Co.	12,790	Apr. 17	121	2324
"Au Marchand Chinois." (For Linen Thread)	Société Anonyme Filature & Fileries Réunies.	12,667	Feb. 13	120	2124
"Autocrat Whiskey." (For Whisky)	Edwin Schiele & Co.	13,192	Nov. 13	125	663
"B-Bly-D." (For Insecticides)	Leggett & Bro.	12,811	Apr. 24	121	2661
"Ballantine." (For Beer)	Milwaukee Lithographing Company.	12,799	Apr. 24	121	2661
"Ballard's Heléo-Rosa." (For a Preparation for the Cure of Dandruff.)	A. Ballard.	12,699	Mar. 6	121	336
"Balm of Almond." (For a Toilet Preparation)	Charles Chemical Co.	13,145	Oct. 30	124	2899
"Balm of the West." (For a Salve for the Cure of Eczema, Piles, and Corns.)	Mrs. O. M. Risser.	13,257	Dec. 11	125	2045
"Barth's Tasteless Castor Oil." (For Castor-Oil)	J. M. Barth.	13,253	Dec. 11	125	2045
"Bass Brand Extra Clear Atlas Lumber & Shingle Co., Seattle." (For Shingles.)	Bass Lumber Company	13,069	Aug. 28	123	2972
"Bastow's Coconut Biscuits." (For Coconut Biscuits)	Stuart Bastow Co.	12,914	June 5	122	2059
"Beau Teint, Crème Tacoma, a Permanent Cold Cream." (For Cold-Cream.)	Tacoma Chemical Co.	12,771	Apr. 3	121	1673
"Beaver Brand." (For Prunes)	H. S. Gile & Co.	12,994	July 10	123	652
"Beeman's Massage Cream and Skin Food." (For Massage-Cream and Skin-Food.)	C. E. Beeman.	13,042	Aug. 14	123	2308
"Best in the World Salve." (For a Salve)	P. Diehl.	12,770	Apr. 3	121	1673
"Bestoby." (For Toilet-Paper)	Scott Paper Co.	13,047	Aug. 14	123	2308
"Big Two, or The Great Western Cholera and Cramp Cure." (For Medicine.)	T. H. Le Dane.	12,717	Mar. 20	121	1009
"Biondi's Universal Headache Powders." (For a Proprietary Medicine.)	A. F. Biondi.	13,107	Oct. 2	124	1519
"Birnbau Cigar Co's. Caswell." (For Cigars)	J. Hable.	12,634	Jan. 30	120	1475
"Bison." (For Canned Sugar-Corn)	Cokato Canning Co.	13,051	Aug. 21	123	2625
"Black Devil." (For Hosiery)	Seder Brothers.	13,274	Dec. 18	125	2360
"Blank Border." (For Cigars)	American Lithographic Co.	13,086	Sept. 18	124	903
"Blue Ribbon." (For Baking-Powder)	Wabash Chemical & Baking Powder Co.	12,657	Feb. 13	120	2124
"Blue Ribbon." (For Strengthening Malt Extract)	Paragon Malt Extract Co.	12,992	July 10	123	652
"Blue Ribbon Crystalac." (For Interior Varnishes)	Beckwith-Chandler Company	12,902	May 22	122	1394
"Blue Wing Rye Whiskey." (For Rye Whisky)	C. H. Wittenberg Dist'g Co.	12,626	Jan. 23	120	1162
"Boardman's Putnam Coffee Java & Mocha." (For Coffee)	W. Boardman & Sons Co.	12,788	Apr. 17	121	2324
"Body Builders." (For Medicine)	Body Builders Medicine Company	12,618	Jan. 23	120	1162
"Bohemian." (For Beer)	Milwaukee Lithographing Company.	12,693	Mar. 6	121	336
"Bonafid." (For Toilet-Paper)	Scott Paper Co.	12,680	Feb. 20	120	2439
"Bonnette." (For Coffee)	Fort Smith Commission Company.	12,671	Feb. 20	120	2439
"Borderland Coal." (For Coal)	Borderland Coal Company.	12,841	May 1	122	349
"Brainalgine." (For Medicine)	T. E. Smith.	12,697	Mar. 6	121	336

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Brightine." (For a Polish)	I. H. Levy	12,911	May 29	122	1719
"Broadbent's Satin Gloss Polish." (For a Polish)	S. S. Broadbent	13,108	Oct. 2	124	1519
"Broadway Bits." (For Stogies)	J. Fisher	13,036	Aug. 14	123	2308
"Buckeye Cigar." (For Cigars)	J. W. Smith	12,604	Jan. 9	120	654
"Buckhead Chloride Lithia Water." (For Mineral Water)	T. S. Wheelwright	13,080	Sept. 11	124	621
"Bugbane." (For Insecticide)	L. Terhune	13,079	Sept. 11	124	621
"Burnham." (For Canned Corn)	Wayne County Preserving Co.	12,737	Mar. 27	121	1345
"Burrell Gems." (For Cantaloups)	D. V. Burrell	12,978	July 3	123	318
"C. W. C. Camps Wonderful Cure." (For Medicine)	C. W. C. Medicine Company	12,769	Apr. 3	121	1673
"California Olive Bitters." (For Medicine)	W. H. Lewis	13,007	July 17	123	994
"Callier's Cut Loaf Cream Candy." (For Candy)	J. B. Callier	12,675	Feb. 20	120	2439
"Campho-Menth Tooth Paste." (For Tooth-Paste)	W. F. Blocker	13,040	Aug. 14	123	2308
"Cannon." (For Paper Bags)	Crown-Columbia Pulp & Paper Co.	13,111	Oct. 2	124	1519
"Canon Cracker." (For Popcorn)	W. Schroeder	12,756	Apr. 3	121	1673
"Capilerba." (For Hair-Restorative)	C. J. Hugel	12,615	Jan. 23	120	1162
"Carnation." (For Catsup)	M. E. Stohrer	13,135	Oct. 23	124	2531
"Cascara Pepsin." (For Chewing-Gum)	C. P. Chemical Co.	13,170	Oct. 30	124	2899
"Cavendish Bridge Score." (For Bridge Scoring Devices)	Brentanos	12,818	Apr. 24	121	2661
"Celery." (For Vegetable Tonics)	Wilmanns Bros. Co.	12,810	Apr. 24	121	2661
"Cemo Wall Finish." (For a Wall-Finish)	W. Church	13,005	July 17	123	994
"Century Maidens." (For Cigars)	J. F. O'Donnell	12,695	Mar. 6	121	336
"Champagne Ginger Ale." (For Ginger-Ale)	R. Frank & Co.	12,786	Apr. 17	121	2324
"Chastan." (For Cigars)	Chas. P. Stanley Cigar Co.	12,901	May 22	122	1394
"Cherokee Maid." (For Cigars)	Cole Lithographing Co.	12,796	Apr. 24	121	2661
"Chockorn." (For a Bonbon)	L. C. Paschal	12,859	May 8	122	726
"Cingala." (For Tea)	B. Fischer & Co.	12,885	May 22	122	1394
"Circleanum." (For a Cancer Remedy)	A. V. H. Wakeman	12,865	May 8	122	726
"Clay-Ola." (For Cigars)	O. L. Schwenke Lithographic Co.	12,843	May 8	122	726
"Clearfield Orchard Company." (For Fruits)	Clearfield Orchard Co.	13,090	Sept. 18	124	903
"Cleopatra Massage Cream and Skin Food." (For a Toilet Lotion)	Facial Toilet Manufacturing Company	12,740	Mar. 27	121	1345
"Cleverettes." (For Cigars)	Schmidt & Co.	12,848	May 8	122	726
"Climax Brand Apricots." (For Apricots)	Castle Brothers	12,760	Apr. 3	121	1673
"Coleman's Mustard." (For Mustard)	R. Coleman	12,909	May 29	122	1719
"Columbia." (For Coffee)	Columbia Coffee Mills	13,104	Oct. 2	124	1519
"Columbia Oat Flakes." (For Oat-Flakes)	Albers Bros. Milling Co.	12,642	Jan. 30	120	1475
"Columbia Phonograph Co., Columbia Record." (For Sound-Records)	Columbia Phonograph Company	12,683	Feb. 20	120	2439
"Columbia Wheat Flakes." (For Wheat-Flakes)	Albers Bros. Milling Co.	12,644	Jan. 30	120	1475
"Commercial." (For Cigars)	G. A. Schnaitman and Bro.	13,055	Aug. 28	123	2972
"Comparto." (For Sponges)	A. Moses Sons & Co.	12,700	Mar. 6	121	336
"Congress Spool Cotton." (For Cotton Thread and Spool-Cotton)	Bullard Thread Co.	13,238	Dec. 4	125	1697
"Constellation." (For Cigars)	Schmidt & Co.	12,937	June 19	122	2686
"Copalac." (For a Floor-Finish)	Beckwith-Chandler Company	12,935	June 12	122	2387
"Coraline." (For a Toilet Preparation)	J. B. Hatch	13,126	Oct. 16	124	2176
"Costa's Orchard Brand." (For a Sauce)	L. D. Costa Orchard Canning Company	13,118	Oct. 9	124	1840
"Cowboy Brand Selected California Prunes." (For Prunes)	Castle Brothers	12,762	Apr. 3	121	1673
"Crescent." (For Port-Wine)	A. M. Smith	12,887	May 22	122	1394
"Creso." (For Biscuit)	Hitchner Biscuit Company	12,732	Mar. 27	121	1345
"Crystal Brand." (For Sal-Soda)	John H. Voss Company	12,789	Apr. 17	121	2324
"Cupidine." (For a Lotion)	C. R. Wilson	12,713	Mar. 20	121	1009
"Curative Elixir of Doctor Henoch." (For Medical Compounds)	J. R. Avellanal	13,251	Dec. 11	125	2045
"Cushion Corn Cure." (For Corn Cure)	C. Amann	12,959	June 26	122	3009
"D-Lish-Us Gum." (For Chewing-Gum)	American Vending Machine Co.	13,027	July 31	123	1661
"Daisy." (For Canned Lobster)	J. A. Neville	13,022	July 31	123	1661
"Darn-Nit." (For Hosiery, Toe Caps or Shields Therefor)	E. S. Wilmarth and C. H. Boynton	12,943	June 19	122	2686
"Dawn in the Canyon." (For Suspenders)	Gordon Manufacturing Company	12,996	July 10	123	652
"Decree." (For Cigars)	H. Sommer Company	12,730	Mar. 27	121	1345
"Denol." (For Tablets)	T. A. Allen	12,698	Mar. 6	121	336
"Detroit Lake Rye." (For Rye Whisky)	Pederson Mercantile Company	12,753	Apr. 3	121	1673
"Dextro." (For Stationery)	M. Shure	12,651	Jan. 30	120	1475
"Diamond C Brand California Peaches." (For Peaches)	Castle Brothers	12,757	Apr. 3	121	1673
"Diamond Liniment." (For a Liniment)	H. A. R. Horton	12,918	June 5	122	2059
"Diamond Red." (For Paint)	Diamond Red Paint Co.	12,945	June 19	122	2686
"Dime Blend." (For Coffee)	Columbia Coffee Mills	13,214	Nov. 27	125	1346
"Diploma." (For Rye Whisky)	M. J. Doran	13,116	Oct. 9	124	1840
"District Messenger Boy." (For a Game)	McLoughlin Bros.	12,612	Jan. 9	120	654
"Doctor Sylvester's." (For Veterinary Preparations)	A. Aarons	12,808	Apr. 24	121	2661
"Don Renato." (For Cigars)	A. C. Henschel & Co.	12,900	May 22	122	1394
"Don't use can opener; use a nail or something similar." (For Cans)	William Underwood & Co.	12,903	May 22	122	1394
"Dr. A. C. Daniel's Renovator Powders." (For Powders for Horses and Cattle)	Dr. A. C. Daniels	13,210	Nov. 27	125	1346
"Dr. Bent's No. 1." (For Medicine)	Dakin Drug Co.	12,768	Apr. 3	121	1673
"Dr. Daniels' Veterinary Physic Ball." (For Medicine)	Dr. A. C. Daniels	13,140	Oct. 23	124	2531
"Dr. Gossom's Kidney and Bladder Cure." (For Medicine)	H. B. Hudson	13,063	Aug. 28	123	2972
"Dr. Hasson's All Healing Lung Salve." (For a Salve)	J. E. Hasson	13,256	Dec. 11	125	2045
"Dr. Le Brose Anti-Dyspepsia Tablets." (For Medicine for the Treatment of Dyspepsia)	New York Remedy Co.	13,029	July 31	123	1661
"Dr. M. F. Roberts' Malaricide." (For Medicine)	Malaricide Manufacturing Co.	12,652	Feb. 6	120	1821
"Dr. Olga Schiller's Gray Hair Restorer." (For Gray-Hair-Restorer Tonic)	R. J. Kruger	12,611	Jan. 9	120	654
"Dr. Scott's Pure Rye Whiskey for Medicinal Purposes." (For Whisky)	T. W. Tucker	13,073	Sept. 4	124	316
"Drain Ice Bag." (For Ice-Bags Having a Drainage)	American Rubber Company	13,078	Sept. 11	124	621
"Dread-Naught Motor Goggle." (For Goggles)	Texas Company	12,882	May 15	122	1043
"Dugong." (For Whips)	United States Whip Co.	13,229	Nov. 27	125	1346
"Dunedin." (For Percules)	Carson, Pirie, Scott and Company	12,839	May 1	122	349
"Dustdown." (For a Powder for Cleaning Floors, Carpets, and Rugs)	J. B. Fitch	13,292	Dec. 25	125	2761
"E. Z. Feet Corn Cure." (For a Corn Cure)	P. L. McConomy	13,202	Nov. 20	125	988

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"E Z Fix." (For Combination Curtain and Window- Shade Holders.)	Carson, Pirie, Scott and Company.	12,840	May 1	122	349
"E-Z Wax." (For an Ironing-Wax)	C. Newbourg.	12,910	May 29	122	1719
"Eagle." (For Paper Bags)	Crown-Columbia Pulp & Paper Co.	13,142	Oct. 23	124	2531
"Eagle Brand." (For Hair-Restorative)	E. Reynolds.	12,692	Feb. 27	120	2751
"Eagle Island Brand." (For Canned Clams)	Barclay Brown & Taylor.	12,916	June 5	122	2059
"Edstrom's Blood Purifier." (For a Blood-Purifier for Blood and Skin Diseases.)	O. E. Edstrom.	12,924	June 5	122	2059
"Edstrom's Lung Gas." (For Medicine)	O. E. Edstrom.	12,677	Feb. 20	120	2439
"El Genio." (For Cigars)	Menendez Bros. & Verplanck.	12,938	June 19	122	2686
"El Ranchero." (For Cigars)	W. J. Lytle.	13,130	Oct. 23	124	2531
"El Sazonado." (For Cigars)	A. C. Henschel & Co.	12,619	Jan. 23	120	1162
"El Cientifico." (For Cigars)	O. L. Schwenke Lithographie Co.	12,842	May 8	122	726
"Elco." (For a Beverage)	W. E. Riley.	12,930	June 12	122	2387
"Elegant." (For Flour)	Pensacola Grocery Company.	12,856	May 8	122	726
"Elliott's Brain and Nerve Food." (For Brain and Nerve Food Tablets.)	S. K. Elliott.	12,828	May 1	122	349
"Elliott's Digestive Tablet." (For Digestive Tablets)	S. K. Elliott.	12,829	May 1	122	349
"Elliott's Inhalant." (For an Inhalant for Pulmonary Dis- eases.)	S. K. Elliott.	12,923	June 5	122	2059
"Es Kay Whiskey." (For Whisky)	W. P. Shade.	12,638	Jan. 30	120	1475
"Espanella." (For Cigars)	R. & A. Abrams.	13,019	July 31	123	1661
"Estratto Pomodoro." (For Tomato Sauce)	Italian American Trading Co.	13,119	Oct. 9	124	1840
"Every Day Brand Coffee." (For Coffee)	R. L. Rose Company.	13,058	Aug. 28	123	2972
"Excelsior Solitaire." (For a Game)	C. C. Kelly.	13,227	Nov. 27	125	1346
"Extra." (For Tea)	E. J. Gillies & Co.	12,993	July 10	123	652
"Eye-Septic." (For Eye Medicine)	T. L. James.	13,081	Sept. 11	124	621
"Fabrica de Tabacos, Cigaros Exquisitos." (For Cigars)	Otis Lithograph Co.	12,782	Apr. 17	121	2324
"Fairview Fruits." (For Fruit)	B. J. Eaman.	13,122	Oct. 16	124	2176
"Fairy Lights." (For Incandescent Lamps)	Sterling Electrical Manufactur- ing Company.	13,240	Dec. 4	125	1697
"Fairy Lights." (For Incandescent Lamps)	Sterling Electrical Manufactur- ing Company.	13,241	Dec. 4	125	1697
"Farmer's Choice." (For Whisky)	J. Grossman's Sons.	13,220	Nov. 27	125	1346
"Farrow's Al. Mustard." (For Mustard)	J. Farrow.	12,976	July 3	123	318
"Faultless." (For Canned Corn)	Wayne County Preserving Co.	12,733	Mar. 27	121	1345
"Fayette County." (For Canned Corn)	Fayette Canning Company.	13,165	Oct. 30	124	2899
"Fayette County." (For Canned Tomatoes)	Fayette Canning Company.	13,168	Oct. 30	124	2899
"Feather Weight Surefit." (For Shoe-Forms)	Sellwell Shoe Form Company.	13,184	Nov. 6	125	346
"Fel Bovis Button Tablets." (For Medicine)	S. M. and J. I. Lowry.	12,742	Mar. 27	121	1345
"Ferro-China-Bascal." (For Bitters)	Basilea & Calandra.	12,686	Feb. 27	120	2751
"Ferro-China Iavarone." (For a Medicine and Tonic)	G. Javarone.	12,891	May 22	122	1394
"Fig Yeast." (For Yeast)	F. Wedehase.	12,589	Jan. 2	120	322
"Fil Gire, Noir Sublime." (For Linen Thread)	Société Anne. Filature & Filter- ies Réunies.	12,666	Feb. 13	120	2124
"Fire Chief." (For a Dry Chemical Fire-Extinguisher)	Western Fire Appliance Co.	12,936	June 12	122	2387
"First Poet." (For Cigars)	Enterprise Cigar Company.	12,986	July 10	123	652
"Fisher's Tiger-Claw Brand." (For Stogies)	J. Fisher.	13,035	Aug. 14	123	2308
"Flag Rock." (For Ginger-Ale)	Clifton Forge Bottling Works.	12,939	June 19	122	2686
"Fleisher Clothing." (For Clothing)	Fleisher Brothers.	12,820	May 1	122	349
"Fleming Shoe Machine Thread." (For Shoe-Machine Thread)	Landis Machine Company.	12,792	Apr. 17	121	2324
"Flicker." (For Cigarettes and Tobacco)	S. Brisk.	13,049	Aug. 21	123	2625
"Flor De Casano." (For Cigars)	O. L. Schwenke Litho Co.	13,175	Nov. 6	125	346
"Flor De P. Garcia & Bros." (For Cigars)	P. Garcia & Bros.	12,898	May 22	122	1394
"Flora Brand California Moorpark Apricots." (For Apricots)	Castle Brothers.	12,759	Apr. 3	121	1673
"Foldum." (For Toilet-Paper)	Scott Paper Co.	12,905	May 22	122	1394
"Fort Leavenworth Sifted June Peas." (For Canned Peas)	Bittman-Todd Grocer Co.	13,098	Sept. 25	124	1204
"Fountain Heights Whiskey." (For Whisky)	Birmingham Distilling Co.	12,803	Apr. 24	121	2661
"Fragrant Shamrock." (For Tea)	National Tea Importing Com- pany.	12,873	May 15	122	1043
"Franklin Tablets." (For Medicine)	E. T. Rider.	12,784	Apr. 17	121	2324
"Frost King Whiskey." (For Whisky)	Kamp Distilling Co.	12,627	Jan. 23	120	1162
"Full Moon." (For Canned Salmon)	J. M. Chapman.	12,979	July 3	123	318
"Ganargua." (For Canned Corn)	Wayne County Preserving Com- pany.	13,264	Dec. 18	125	2360
"Garrison's Croup Salve." (For Salve)	J. Garrison.	12,716	Mar. 20	121	1009
"Gatling Gun Remedy." (For Medicine)	M. Vincent.	12,922	June 5	122	2059
"Gay's Island Brand Clams." (For Canned Clams)	E. B. Hart.	12,933	June 12	122	2387
"Genuine German Egg Noodles, Kaiser." (For Noodles)	Milwaukee Noodle Co.	13,212	Nov. 27	125	1346
"George Eliot." (For Sauce and Catchup)	R. J. Smith & Sons.	13,262	Dec. 18	125	2360
"George Washington." (For Canned Corn)	Fayette Canning Company.	13,167	Oct. 30	124	2899
"Gitt's Anti Kry." (For Medicine)	C. D. Gitt.	12,785	Apr. 17	121	2324
"Glimsman's High Grade Confections." (For Confections)	Grossman Paper Box Co.	12,827	May 1	122	349
"Glycero-Medicated-Plaster." (For Medicated Plasters)	Physicians Chemical & Drug Company.	12,663	Feb. 13	120	2124
"Golden Oil." (For Medicine)	L. Lloyd.	13,065	Aug. 28	123	2972
"Golden Success." (For Medicine)	H. G. Wilson.	12,921	June 5	122	2059
"Good Luck." (For Whisky)	J. Grossman's Sons.	13,193	Nov. 13	125	663
"Good Old Age Bourbon." (For Bourbon Whisky)	Pederson Mercantile Company.	12,752	Apr. 3	121	1673
"Good Old Dawson Rye Whisky." (For Whisky)	S. Stearn.	13,085	Sept. 18	124	903
"Good-Shot Rye." (For Rye Whisky)	Pederson Mercantile Company.	12,754	Apr. 3	121	1673
"Gordon Suspenders." (For Suspenders)	Gordon Manufacturing Company.	12,926	June 5	122	2059
"Grains of Health." (For Health-Food Coffee)	G. F. Gairing.	13,059	Aug. 28	123	2972
"Grand Dad's Liniment." (For Liniment)	J. N. Phillips.	13,082	Sept. 11	124	621
"Grand Prize." (For Beer)	William Rahr Sons Co.	13,280	Dec. 25	125	2761
"Great Western." (For Embroideries)	Carson, Pirie, Scott and Company.	12,835	May 1	122	349
"Greater Than King." (For Cigars)	B. Lyon.	12,849	May 8	122	726
"Green Mountain Chewing Gum." (For Chewing-Gum)	Green Mountain Gum Co.	13,197	Nov. 13	125	663
"Guittard's Pure Cream of Yeast." (For Baking-Powder)	E. Guittard & Co.	12,823	May 1	122	349
"Gunlock's System of Scalp Treatment." (For a Preparation for the Treatment of the Scalp.)	Gunlock Hair Remedy Co.	13,254	Dec. 11	125	2045
"Gunlock's System of Scalp Treatment." (For a Preparation for Treating the Scalp.)	Gunlock Hair Remedy Co.	13,255	Dec. 11	125	2045
"Gyp-C-Qure." (For Horse Remedy)	H. Quirk.	12,767	Apr. 3	121	1673
"Haase's Delight." (For Cigars)	L. Haase.	12,636	Jan. 30	120	1475
"Hacker's." (For Kidney-Pills)	W. A. Hacker.	13,074	Sept. 4	124	316

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Hackett's Gape Cure." (For a Remedy for Curing Gapes in Chickens.)	T. C. Hackett.....	13,245	Dec. 4	125	1697
"Half Century Coffee." (For Package-Coffee.)	J. H. Ronan & Co.....	12,912	June 5	122	2059
"Handelsman's Munificent Mutual Benefit Trading System." (For Pass-Books.)	I. Handelsman.....	12,685	Feb. 27	120	2751
"Harvesta." (For Prepared Cooked Wheat)	Igleheart Brothers.....	12,949	June 26	122	3009
"Havalawn." (For Grass-Seed Mixture)	St. Louis Seed Company.....	12,816	Apr. 24	121	2661
"Havana Bit." (For Cigars)	P. Wohl & Co.....	12,668	Feb. 20	120	2439
"Havana Seconds." (For Cigars)	Wohl & Comstock Co.....	12,821	May 1	122	349
"Havarye." (For Whisky)	Pederson Mercantile Company.....	12,751	Apr. 3	121	1673
"Hawaiian Pineapple (Long Squares)." (For Cut Pineapple)	Tropic Fruit Company.....	12,597	Jan. 9	120	654
"Hawaiian Pineapple (Diced)." (For Pineapple)	Tropic Fruit Company.....	12,950	June 26	122	3009
"Hawaiian Pineapple (Long Wafers)." (For Pineapples)	Tropic Fruit Company.....	13,024	July 31	123	1661
"Hawaiian Pineapple (Round Wafers)." (For Pineapples)	Tropic Fruit Company.....	13,025	July 31	123	1661
"Hawaiian Relish." (For a Relish)	Tropic Fruit Company.....	12,594	Jan. 9	120	654
"Hazel Patch." (For Cigars)	O. A. Leistikow.....	12,670	Feb. 20	120	2439
"Heart of the Cream of Cedar." (For Louse-Exterminator)	G. W. Gallant & Son.....	13,008	July 17	123	994
"Heidelberg." (For Beer)	Home Brewing Company.....	12,705	Mar. 13	121	686
"Hemavura." (For Medicine)	D. M. Sheedy.....	13,012	July 24	123	1282
"Herbs H T Tonic." (For a Tonic)	K. Herbert.....	12,783	Apr. 17	121	2324
"Hershey's Milk Chocolate Wafers." (For Chocolate Candy)	P. R. Warren Company.....	13,026	July 31	123	1661
"Hiawatha." (For Natural Lithia-Spring Water)	L. M. Park.....	12,703	Mar. 13	121	686
"Hickory Carbon Paper." (For Carbon-Paper)	W. C. Lewis.....	12,778	Apr. 3	121	1673
"High Grade." (For Overalls)	Smith Manufacturing Company.....	12,819	May 1	122	349
"Hills Di-Col-Q." (For Medicine)	Indiana Drug Concern.....	12,661	Feb. 13	120	2124
"Hills Honey & Tar." (For Medicine)	Indiana Drug Concern.....	12,660	Feb. 13	120	2124
"Hires The Only Rootbeer." (For Carbonated Rootbeer)	Charles E. Hires Company.....	12,729	Mar. 27	121	1345
"Holiday Coffee." (For Coffee)	Canby, Ach & Canby Co.....	12,731	Mar. 27	121	1345
"Holland's Wonderful Rheumatic Remedy." (For Medicine for the Cure of Rheumatism.)	M. H. Holland.....	12,833	May 1	122	349
"Homeo." (For Poultry Remedies)	Homeo Remedy Co.....	12,880	May 15	122	1043
"Home Builder." (For Cigars)	G. A. Schnaitman and Bro.....	13,059	Aug. 28	123	2972
"Home Favorite Brand Coffee." (For Coffee)	F. A. Bower.....	12,981	July 3	123	318
"Honest Weight Pure Flour." (For Flour)	Honest Weight League.....	13,091	Sept. 18	124	903
"Honey Cream Tonic." (For Honey-Cream Extracts and Beverages.)	German-American Honey Champagne Co.....	13,195	Nov. 13	125	663
"Honeymoon Chocolates." (For Confectionery)	Fred L. Norton.....	13,196	Nov. 13	125	663
"Horse Radish Cream." (For Horse-Radish)	J. Farrow.....	12,973	July 3	123	318
"Hotel Astor Coffee." (For Coffee)	B. Fischer & Co.....	12,599	Jan. 9	120	654
"Hunter." (For Canned Corn)	Fayette Canning Company.....	13,166	Oct. 30	124	2899
"Hydrarg-Iodo-Nucleoid." (For Medicine)	Dinet & Delfosse Pharmacal Co.....	12,617	Jan. 23	120	1162
"Hydrarg-Nucleoid." (For Medicine)	Dinet & Delfosse Pharmacal Co.....	12,616	Jan. 23	120	1162
"I Am a Good Tick." (For Bed-Ticking)	J. M. Robinson, Norton & Co.....	13,068	Aug. 28	123	2972
"Imperial Salad Dressing." (For Salad-Dressing)	J. B. Neubauer.....	13,106	Oct. 2	124	1519
"Imported." (For Cigars)	A. T. Kinney.....	12,781	Apr. 17	121	2324
"Incenso." (For Incense)	J. M. Schutz.....	13,076	Sept. 4	124	316
"Indian." (For Cocoa)	Pennsylvania Chocolate Company.....	12,852	May 8	122	726
"Indian." (For Chocolate)	Pennsylvania Chocolate Company.....	12,853	May 8	122	726
"Indian." (For Chocolate)	Pennsylvania Chocolate Company.....	12,854	May 8	122	726
"Indian." (For Chocolate)	Pennsylvania Chocolate Company.....	12,855	May 8	122	726
"Indian Fish Bait Makes All Fish Bite." (For Fish-Bait)	W. C. Andrews.....	13,048	Aug. 14	123	2308
"Indian Hair Restorer." (For a Liquid Hair-Tonic)	L. Berdy.....	13,266	Dec. 18	125	2360
"Ink-Out." (For an Ink-Eradicator)	Adner Laboratory Co.....	13,204	Nov. 20	125	988
"Iron-Clad and Medicated Gloves." (For Gloves)	Mound City Dishwasher Co.....	12,964	June 26	122	3009
"It Doesit." (For a Corn Cure)	O. Koehler.....	13,243	Dec. 4	125	1697
"Its Mighty Easy to Spot Hilton Clothes." (For Clothing)	Hilton Co.....	12,966	June 26	122	3009
"J. C. Crump's Hoof Ointment." (For Hoof-Ointment)	J. C. Crump.....	12,610	Jan. 9	120	654
"J. C. Crump's Salve." (For Salve)	J. C. Crump.....	12,609	Jan. 9	120	654
"Jack-Knife Rye." (For Whisky)	L. Dubetz.....	12,706	Mar. 13	121	686
"Jack O' Lantern." (For Incandescent Lamps)	Sterling Electrical Manufacturing Company.....	13,293	Dec. 25	125	2761
"Jack O' Lantern." (For Incandescent Lamps)	Sterling Electrical Manufacturing Company.....	13,294	Dec. 25	125	2761
"Japosa." (For Cleaning Fluid)	Lakeside Chemical Co.....	13,001	July 10	123	652
"Jeffries' No. 1 Cough Mixture." (For Medicine)	T. T. Jeffries.....	12,954	June 26	122	3009
"Jeffries' Reliable Headache Powders." (For Medicine)	T. T. Jeffries.....	12,953	June 26	122	3009
"Jersey Cheese." (For Cheese)	L. Jolissaint.....	12,655	Feb. 6	120	1821
"Jetter's Malt Tonic." (For Malt Tonics)	Wilmanns Bros. Co.....	12,890	May 22	122	1394
"John Milton." (For Cigars)	H. Sommer Company.....	12,899	May 22	122	1394
"John Noble." (For Cigars)	O. L. Schwenneke Litho Co.....	13,176	Nov. 6	125	346
"John Taylor's Ham." (For Ham)	Taylor Provision Co.....	12,738	Mar. 27	121	1345
"John Taylor's Pork Roll." (For Pork Roll)	Taylor Prov. Co.....	13,134	Oct. 23	124	2531
"Jumbo Baking Powder." (For Baking-Powder)	Canby Ach & Canby Co.....	13,282	Dec. 25	125	2761
"K-a-u-r-i." (For Varnish)	Brooklyn Varnish M'fg Co.....	12,794	Apr. 17	121	2324
"Kaiser Beer." (For Beer)	Western Brewing Company.....	12,760	Apr. 10	121	1975
"Kar-a-van." (For Coffee)	Gasser Coffee Co.....	12,623	Jan. 23	120	1162
"Kar-a-van." (For Coffee)	Gasser Coffee Co.....	12,624	Jan. 23	120	1162
"Kar-a-van." (For Tea)	Gasser Coffee Co.....	13,213	Nov. 27	125	1346
"Kardinal." (For Beer)	Adolf Schmidt's Kloster Brewery.....	12,779	Apr. 10	121	1975
"Karotone." (For Hair-Tonic)	N. Carola.....	12,897	May 22	122	1394
"Kee-Za." (For Tea)	Cobb, Bates & Yerxa Co.....	13,131	Oct. 23	124	2531
"Kee-Za." (For Coffee)	Cobb, Bates & Yerxa Co.....	13,132	Oct. 23	124	2531
"Keep-Kuffs-Klene." (For Cuff-Protectors)	Keep Novelty Company.....	12,881	May 15	122	1043
"Keeton Gold." (For Dental Gold)	Keeton-Williams Gold Company.....	12,605	Jan. 9	120	654
"Kenny's Special Blend J and M Coffee 25¢, The Cup Favorite." (For Coffee)	C. D. Kenny Co.....	12,980	July 3	123	318
"Kentucky Sparkling Springs." (For a Natural Spring-Water)	A. H. Abraham.....	13,279	Dec. 25	125	2761
"Kerner's 'E. T.' (Every Time)." (For a Medicine)	C. F. Merker.....	12,866	May 8	122	726
"Kerner's Little Cannon Ball Pills." (For a Liver-Pill)	Kerner Remedy Company.....	12,809	Apr. 24	121	2661
"Kimball's Old Fashion." (For Flour, Cornmeal, and Breakfast Cereals.)	Kimball-Powder Cereal Co.....	13,114	Oct. 2	124	1519
"King Abul." (For Cigars)	Williams & Brenckle Cigar Mfg. Co.....	13,087	Sept. 18	124	903
"King Bee—Honey and Rock." (For a Tonic for Coughs and Colds.)	N. Benjamin Son.....	12,653	Feb. 6	120	1821
"Kirsch Supérieur, M. Arpin." (For Cherry-Brandy)	L. L. Ardin.....	13,219	Nov. 27	125	1346

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Klondyke Blue Plaster Board." (For Plaster-Board)	Wright, Barrett & Stilwell Co.	12,972	June 26	122	3009
"Knoch." (For Cigars)	W. Knoch.	12,846	May 8	122	726
"Kola-Fosphate." (For a Carbonated Beverage)	New Orleans Soda Water Company.	13,215	Nov. 27	125	1346
"Kola Mint." (For Kola Mint)	Liquid Carbonic Company.	12,704	Mar. 13	121	686
"Kolol Hair Renewer." (For Hair-Rewriter)	H. L. Galbraith.	13,067	Aug. 28	123	2972
"Krakjak." (For Biscuits)	Union Biscuit Company.	12,645	Jan. 30	120	1475
"Krieger's Antiseptic Balm." (For Medicine)	Krieger Bros.	13,039	Aug. 14	123	2308
"Krieger's Kascara Kaster-Oils." (For Medicine)	Krieger Bros.	13,038	Aug. 14	123	2308
"Kybitz Gonorrhoea Mixture." (For a Medicine)	R. Kybitz.	13,125	Oct. 16	124	2176
"La Cadiza." (For Cigars)	O. L. Schwencke Litho Co.	13,177	Nov. 6	125	346
"La Chapina." (For Flour)	I. Rich.	12,658	Feb. 13	120	2124
"La Cigale French Bath Sachet." (For Toilet Articles)	F. O'Brien.	12,647	Jan. 30	120	1475
"La Garon." (For Cigars)	M. P. Garonzik.	12,744	Apr. 3	121	1673
"La Mertina." (For Cigars)	A. Mertens.	12,850	May 8	122	726
"La Princesse Thérèse." (For Face and Toilet Powders)	C. Tetlow.	12,988	July 10	123	652
"La Rouge Claire." (For a Fluid Preparation for Beautifying the Complexion.)	M. E. S. Ransford.	12,813	Apr. 24	121	2661
"Label for Russell's Playing Cards." (For Playing-Cards)	W. W. Russell Card Co.	12,929	June 5	122	2059
"Laconia Brand." (For Olive-Oil)	G. A. Mancatys.	12,991	July 10	123	652
"Lady Alice." (For Perfumery)	Jennings Manufacturing Co.	12,715	Mar. 20	121	1009
"Lady Gertrude." (For Cigars)	J. J. Wiedmann Cigar Box Co.	12,603	Jan. 9	120	654
"Lapin's Magic Felt Hat Cleaner." (For Cleaning Preparation.)	Essential Chemical Company.	13,099	Sept. 25	124	1204
"Lapin's Magic Straw Hat Cleaner." (For a Preparation for Cleaning Straw Hats.)	H. E. Bartlett.	13,109	Oct. 2	124	1519
"Laurel Brand California Apricots." (For Apricots)	Castle Brothers.	12,761	Apr. 3	121	1673
"Laurent's Honey and Glycerine Jujubes." (For a Preparation of Honey and Glycerin.)	F. Laurent & Sons.	12,772	Apr. 3	121	1673
"Lemaire Paris." (For Opera-Glasses)	Baile-Lemaire et Fils.	13,277	Dec. 18	125	2360
"Lenox." (For Cotton Thread and Spool-Cotton)	Bullard Thread Co.	13,239	Dec. 4	125	1697
"Liberty Bell." (For Cigars)	P. Mayer.	12,987	July 10	123	652
"Lightning Washing Fluid." (For Washing Fluid)	J. V. Quick.	12,879	May 15	122	1043
"Liquoseptol." (For Medicine)	T. T. Jeffries.	12,955	June 26	122	3009
"Lithia Holland Gin." (For Gin)	L. M. Smith.	12,801	Apr. 24	121	2661
"Little Nemo's Barefoot Sandal." (For Sandals)	H. Jacobs & Sons.	12,681	Feb. 20	120	2439
"Little Victor." (For Cigars)	O. L. Schwencke Lithographic Co.	12,845	May 8	122	726
"Live Long Smokers' Tablets." (For Medicinal Tablets)	L. F. Bogia.	13,066	Aug. 28	123	2972
"Liverets." (For Drugs)	C. L. Dichter.	13,283	Dec. 25	125	2761
"Logan's Cream Balm Hair Restorer." (For a Hair-Restorer)	Mary E. Logan.	13,198	Nov. 13	125	663
"Lowney's Diamond Sweet Chocolate." (For Chocolate)	Walter M. Lowney Co.	13,011	July 24	123	1282
"Lowney's Milk Chocolate." (For Chocolate)	Lowney Chocolate Company.	12,948	June 26	122	3009
"Luxus." (For Beer)	Fred Krug Brewing Co.	13,050	Aug. 21	123	2625
"Lydia E. Pinkham's Compound Lozenges." (For Medicine)	Lydia E. Pinkham Medicine Co.	13,285	Dec. 25	125	2761
"Lydia E. Pinkham's Compound Pills." (For a Medicine)	Lydia E. Pinkham Medicine Co.	13,287	Dec. 25	125	2761
"Lydia E. Pinkham's Liver Pills." (For Medicine)	Lydia E. Pinkham Medicine Co.	13,286	Dec. 25	125	2761
"Lydia E. Pinkham's Sanative Wash." (For a Medicine)	Lydia E. Pinkham Medicine Co.	13,288	Dec. 25	125	2761
"M. A. C." (For Cigars)	J. J. Foster.	12,601	Jan. 9	120	654
"Mac Riek Whiskey." (For Whisky)	McLaughlin & Riekenberg.	13,018	July 31	123	1661
"Macaroni Bread." (For Bread)	J. S. Norman.	12,688	Feb. 27	120	2751
"Madame Celeste Depilatoire." (For Hair-Remover)	Collins & Company.	13,041	Aug. 14	123	2308
"Madam Drake's Hair Restorer." (For a Hair-Restorer)	Housman's Pharmacy.	13,139	Oct. 23	124	2531
"Magic Curlier." (For Hair-Curlers)	Magie Curlier Co.	13,138	Oct. 23	124	2531
"Magnet." (For Beer)	Wilmanns Bros. Co.	12,639	Jan. 30	120	1475
"Malt-Ease." (For Malt Tonic)	Wilmanns Bros. Co.	13,037	Aug. 14	123	2308
"Malt Juice." (For Malt-Juice)	C. H. von Klein.	12,694	Mar. 6	121	336
"Malt-Bread." (For Bread)	Show and Hunt.	13,073	Sept. 4	124	316
"Maltopso the English Brew." (For a Beverage)	G. Altree.	13,117	Oct. 9	124	1840
"Man-a-lin the Ideal Laxative." (For Liquid Purgative Compounds)	Manalin Company.	13,028	July 31	123	1661
"Manatee." (For Whips)	United States Whip Co.	13,228	Nov. 27	125	1346
"Manhattan." (For Malt Extract)	Paragon Malt Extract Co.	12,797	Apr. 24	121	2661
"Manuel Garcia Sherry." (For Sherry-Wine)	G. A. Logan.	13,281	Dec. 25	125	2761
"Martha Washington." (For Canned Tomatoes)	Fayette Canning Company.	13,169	Oct. 30	124	2899
"Marthas Darzie Diabanon." (For a Skin Preparation)	M. J. Brannon.	12,957	June 26	122	3009
"Marigold Breakfast Syrup." (For Syrup)	Cargill-Wright Co.	12,707	Mar. 13	121	686
"Marvel." (For Gingham)	Carson, Pirie, Scott and Company.	12,837	May 1	122	349
"Mashallah Coffee." (For Coffee)	M. Horowitz.	12,831	May 8	122	726
"Mault-Ayle." (For a Light Beer)	Marshall Bottling Co.	12,946	June 26	122	3009
"Maywood Brand." (For Prunes)	Maywood Packing Co.	12,764	Apr. 3	121	1673
"Mazo." (For Soap)	Mazo Manufacturing Company.	12,807	Apr. 24	121	2661
"McAllister's Specific." (For Specific Liniment)	J. J. McAllister.	12,919	June 5	122	2059
"McCarthy's Winner." (For Dry-Plates)	McCarthy Dry Plate Co.	12,682	Feb. 20	120	2439
"McGe's Corn Cure." (For Corn Cure)	Star Chemical Co.	12,958	June 26	122	3009
"McKeever's No-Mosquito Bite." (For a Medicinal Compound.)	P. W. McKeever.	12,990	July 10	123	652
"McTague's Shell Fish Chili Sauce." (For Chili-Sauce)	Triumph Catsup & Pickle Co.	12,629	Jan. 23	120	1162
"Mentho Camph." (For an Ointment)	M. G. Slocum.	12,864	May 8	122	726
"Mercedes." (For Cigars)	Schmidt & Co.	12,847	May 8	122	726
"Metal Fire-Proof Dryers." (For Drying-Machines)	Dryer Manufacturing Company.	13,189	Nov. 6	125	346
"Meteor." (For Evaporated Apples)	Young, Beach & Maher.	13,181	Nov. 6	125	346
"Milk-Amon-Oat." (For a Toilet Washing-Powder)	J. Sherin.	13,031	July 31	123	1661
"Milkmade." (For Bread)	F. B. Washburn & Co.	13,248	Dec. 11	125	2045
"Mirthful Scotch Whiskey." (For Scotch Whisky)	Elder-Harrison Co.	12,787	Apr. 17	121	2324
"Mitt." (For Smoking-Tobacco)	Schroeder, Klein Grocer Co.	12,702	Mar. 13	121	686
"Monogram Mills." (For Dress Goods)	Batelle, Hurd & Co.	12,607	Jan. 9	120	654
"Monument Pure Rye Whiskey." (For Whisky)	Hornsted Grocery Co.	12,876	May 15	122	1043
"Mosquito Lotion." (For Lotion)	O. Steinhof.	13,088	Sept. 18	124	903
"Mosquitone." (For a Liquid Solution)	T. T. Jeffries.	12,952	June 26	122	3009
"Mother's Favorite Stocking." (For Hosiery)	N. Snellenburg & Co.	13,000	July 10	123	652
"Mount Harrison Brand." (For Oranges)	F. L. Sewall.	12,590	Jan. 2	120	322
"Mrs. Winslow's Borated Violet Talcum." (For Toilet Powder.)	M. Chubb.	12,676	Feb. 20	120	2439
"Mull's Pain Cure." (For Medicine)	E. E. Mull.	12,892	May 22	122	1394
"Munyon's Paw Paw." (For Beverages)	Munyon Company.	13,146	Oct. 30	124	2899
"Muro." (For Medicine)	D. S. Hager.	12,830	May 1	122	349

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Mushroom." (For Cigars).....	Schmidt & Co.....	13,071	Sept. 4	124	316
"Mushroom Ketchup." (For Catchup).....	J. Farrow.....	12,975	July 3	123	318
"Mystic Cream." (For a Toilet Preparation).....	Ogden and Shimer.....	12,591	Jan. 2	120	322
"Myrtle Valley." (For Rye Whisky).....	M. J. Doran.....	13,115	Oct. 9	124	1840
"Narco Beef, Iron & Wine." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,163	Oct. 30	124	2899
"Narco Bronchial Lozenges." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,162	Oct. 30	124	2899
"Narco Charcoal Tablets." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,161	Oct. 30	124	2899
"Narco Cold Tablets." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,160	Oct. 30	124	2899
"Narco Cough Remedy." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,151	Oct. 30	124	2899
"Narco Diarrhoea Remedy." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,159	Oct. 30	124	2899
"Narco Dyspepsia Remedy." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,158	Oct. 30	124	2899
"Narco Effervescent Phosphate of Soda." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,155	Oct. 30	124	2899
"Narco Fig Laxative Syrup." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,150	Oct. 30	124	2899
"Narco Headache Remedy." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,157	Oct. 30	124	2899
"Narco Liver Pills." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,156	Oct. 30	124	2899
"Narco Magnetic Liniment." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,152	Oct. 30	124	2899
"Narco Seidlitz Powders." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,153	Oct. 30	124	2899
"Narco Syrup of Hypophosphites." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,154	Oct. 30	124	2899
"Narco Wine of Cod Liver Oil." (For a Medicinal Remedy).....	Hance Bros. & White.....	13,149	Oct. 30	124	2899
"Natural Mineral Water." (For Mineral Water).....	Ledgerwood Bros.....	13,995	Sept. 25	124	1204
"Nauvoo Brand Garments." (For Knitted Combination Union Suits).....	Ensign Knitting Co.....	12,869	May 8	122	726
"Nerv-o-rine." (For a Cure for Drunkenness and Delirium Tremens).....	W. A. Gustofson.....	13,006	July 17	123	994
"Nevoburna." (For Fireproofing Starch Compound).....	J. W. Maxwell.....	12,791	Apr. 17	121	2324
"New Hair Soap." (For Soap for Hair and Scalp).....	J. H. Woodbury.....	13,015	July 24	123	1282
"New Skin Soap." (For Toilet Soap).....	J. H. Woodbury.....	13,014	July 24	123	1282
"Newark." (For Canned Corn).....	Wayne County Preserving Co.....	12,734	Mar. 27	121	1345
"Newleans." (For Coffee).....	Columbia Coffee Mills.....	13,105	Oct. 2	124	1519
"Nickel (5c) Talcum." (For Talcum Powder).....	J. L. Devenny.....	13,075	Sept. 4	124	316
"Noc." (For Cigars).....	W. Knoch.....	13,094	Sept. 25	124	1204
"Noiseless Bowling Alley." (For Bowling Pins and Balls).....	A. W. Lyda.....	13,070	Aug. 28	123	2972
"Noontide in the Canyon." (For Suspenders).....	Gordon Manufacturing Company.....	12,997	July 10	123	652
"North Star Brand Coats." (For Workingmen's Coats).....	M. J. Collins.....	13,046	Aug. 14	123	2308
"Noxall." (For Flour).....	Scott County Milling Co.....	13,083	Sept. 11	124	621
"Ohlandt's Black Headache Powders." (For Medicine).....	W. M. Ohlandt.....	12,832	May 1	122	349
"Old Ben Franklin." (For Coffee).....	H. H. Palmer.....	12,625	Jan. 23	120	1162
"Old Buck." (For Whisky).....	Cushing Medical Supply Co.....	13,233	Dec. 4	125	1697
"Old Colony." (For Sheets).....	Edw. Malley Co.....	13,174	Oct. 30	124	2899
"Old Colony." (For Pillow-Cases).....	Edw. Malley Co.....	13,187	Nov. 6	125	346
"Old Favorite." (For Whisky).....	J. Grossman's Sons.....	13,221	Nov. 27	125	1346
"Old German Lager." (For Beer).....	Wilmanns Bros. Co.....	12,931	June 12	122	2387
"Old Jim." (For Whisky).....	J. Grossman's Sons.....	13,246	Dec. 11	125	2045
"Old Jones Valley Whiskey." (For Whisky).....	Birmingham Distilling Co.....	12,802	Apr. 24	121	1661
"Old Legal Whiskey." (For Whisky).....	Parker Blake Co.....	12,727	Mar. 27	121	1345
"Old Settlers." (For Canned Peas).....	Pioneer Canning & Pickling Co.....	12,765	Apr. 3	121	1673
"Oloroso Sherry." (For Sherry-Wine).....	Feldmann Importing Co.....	13,216	Nov. 27	125	1346
"Ondawa." (For Flour).....	Kimball Flour Co.....	12,913	June 5	122	2059
"100 Good Things to Eat." (For Preserved Fruits, Vegetables, and Table Delicacies).....	Erie Preserving Company.....	12,804	Apr. 24	121	2661
"Orcherade." (For Extracts and Beverages).....	W. H. Hutchinson & Son.....	12,728	Mar. 27	121	1345
"Orchid Early June Peas." (For Canned Peas).....	Bittman-Todd Grocer Co.....	13,097	Sept. 25	124	1204
"Oriental Toilet Powder." (For Toilet Powder).....	Gray Lithograph Co.....	12,773	Apr. 3	121	1673
"Oriole Plantation Florida Pineapple." (For Pineapples).....	F. M. Nellis.....	13,180	Nov. 6	125	346
"Otter Island Brand." (For Canned Clams).....	Barclay Brown & Taylor.....	12,915	June 5	122	2059
"Our National Friend." (For Cigars).....	Koelle-Mueller Label Co.....	12,701	Mar. 13	121	686
"Our Pride California Peaches." (For Peaches).....	Castle Brothers.....	12,758	Apr. 3	121	1673
"Outing Brand California Peaches." (For California Peaches).....	Castle Brothers.....	12,630	Jan. 23	120	1162
"P. M. C." (For an Antiseptic Powder Compound).....	Watchman & Reynolds.....	13,290	Dec. 25	125	2761
"P. & T." (For Ham).....	Park & Tilford.....	13,236	Dec. 4	125	1697
"P. & T." (For Bacon).....	Park & Tilford.....	13,237	Dec. 4	125	1697
"Pacific Evaporated Cream." (For Evaporated Cream).....	Oregon Condensed Milk Co.....	12,825	May 1	122	349
"Paragon." (For Cylinder-Washers).....	Paragon Mfg. Co.....	13,260	Dec. 11	125	2045
"Patent Leather Protector." (For a Preparation for Protecting Patent-Leather).....	A. Sommer.....	13,183	Nov. 6	125	346
"Patrician Alabastine." (For Shoe-Dressing).....	Faunce & Spinney.....	12,650	Jan. 30	120	1475
"Patrician Friction Polish." (For Shoe-Dressing).....	Faunce & Spinney.....	12,684	Feb. 27	120	2751
"Patrician Satin Gloss Dressing." (For Shoe-Dressing).....	Faunce & Spinney.....	12,649	Jan. 30	120	1475
"Pennant." (For Whisky).....	A. M. Smith.....	12,888	May 22	122	1394
"Pennyrite." (For Flour).....	Farless & White.....	13,096	Sept. 25	124	1204
"Penna Dela." (For Cigars).....	T. Krieg.....	12,633	Jan. 30	120	1475
"Penn's Plasters." (For Adhesive Plasters).....	Penn Chemical Company.....	12,678	Feb. 20	120	2439
"Pepsin-Peppermint Lozenges." (For Compressed Lozenges or Disks).....	American Pepsin Peppermint Co.....	13,284	Dec. 25	125	2761
"Perfecta Massage Cream and Skin Food." (For a Massage-Cream and Skin-Food).....	C. O. Rano.....	13,137	Oct. 23	124	2531
"Perfection Rectal Dilators." (For Dilators).....	Oriental Remedy Co.....	13,010	July 17	123	994
"Phenix Carbon." (For Carbon-Paper).....	United Carbon & Ribbon Co.....	13,077	Sept. 4	124	316
"Phenole." (For a Liquid Antiseptic Hemostatic Disinfectant).....	Keystone Drug Company.....	13,244	Dec. 4	125	1697
"Picture-Phone." (For Coin-Operated Talking and Picture-Displaying Machines).....	L. P. Valiquet.....	13,103	Sept. 25	124	1204
"Piedmont." (For Evaporated Apples).....	Wallerstein Produce Co.....	13,133	Oct. 23	124	2531
"Pillule Antimalariche Liver Pills." (For Liver-Pills).....	R. Giovanni.....	12,662	Feb. 13	120	2124
"Pillsbury's Best Cereal." (For a Breakfast-Food).....	Pillsbury-Washburn Flour Mills Co.....	13,179	Nov. 6	125	346
"Pineapple (Short Squares)." (For Cut Pineapple).....	Tropic Fruit Company.....	12,596	Jan. 9	120	654
"Pinozone." (For a Proprietary Medicine).....	Lakewood Pine Co.....	12,893	May 22	122	1394
"Pistol." (For Paper Bags).....	Crown-Columbia Pulp & Paper Co.....	13,112	Oct. 2	124	1519
"Plumsure." (For Cigars).....	O. L. Schwenke Lithographic Co.....	12,743	Apr. 3	121	1673
"Pneumonia Bag." (For Bags Designed to Cover the Chest Area of the Lung in the Human Body).....	American Rubber Company.....	13,101	Sept. 25	124	1204
"Pocket Knife Blade, Grinders, and Finishers Union Label." (For Pocket-Knives).....	F. A. Didsbury.....	12,944	June 19	122	2686
"Pollock's Gems." (For Cigars and Stogies).....	R. Pollock.....	12,602	Jan. 9	120	654

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Polly-Shine." (For a Polishing Powder and Fluid for Metals).	New Orleans Soda Water Company.	13,172	Oct. 30	124	2899
"Portland Pointers." (For Cigars)	C. Brinton.	12,795	Apr. 24	121	2661
"Posy Girl." (For Cigars)	Schmidt & Co.	13,054	Aug. 28	123	2972
"Prairie Vine." (For Medicine)	L. A. Vincent.	13,148	Oct. 30	124	2899
"Pride Crown Brand Meats" (For Meats)	A. R. Worm.	12,689	Feb. 27	120	2751
"Pride of Georgia." (For Syrup)	Georgia Syrup Co.	12,656	Feb. 6	120	1821
"Pride of Gloucester." (For Cream-Codfish)	B. S. Webber Fish Co.	12,883	May 22	122	1394
"Pride of Gloucester." (For Sliced Smoked Halibut)	B. S. Webber Fish Co.	12,884	May 22	122	1394
"Pride of Kentucky." (For Bleached Cotton)	J. M. Robinson, Norton & Co.	12,592	Jan. 2	120	322
"Prime." (For Thread and Cotton)	I. J. Silverstein.	12,871	May 8	122	726
"Prince's Liniment The Great Panacea." (For Liniment)	A. E. Lynch.	12,679	Feb. 20	120	2439
"Princess Hair Tonic." (For Hair-Tonic)	F. Brehm.	12,907	May 29	122	1719
"Prize Leaf." (For Cigars)	O. L. Schwencke Litho Co.	13,178	Nov. 6	125	346
"Prize Medal." (For Evaporated Apples)	Young & Beach.	13,023	July 31	123	1661
"Prof. Emil Linnebach's Mysterious Remedy for Toothache and Facial Neuralgia." (For Medicine.)	E. Linnebach.	12,741	Mar. 27	121	1345
"Pros't." (For Beer)	Ph. Kling Brewing Co.	12,800	Apr. 24	121	2661
"Protected Roofing." (For Roofing)	Hyndman Roofing Company	12,906	May 22	122	1394
"Pruni-Tonic." (For Remedies for Internal Use)	J. W. Hightower.	13,250	Dec. 11	125	2045
"Prussian Stock Tonic." (For Stock-Tonic)	G. Phipps.	13,267	Dec. 18	125	2360
"Pungent Aromatic Ginger Ale." (For Ginger-Ale)	Western Carbonic Acid Gas Co.	12,798	Apr. 24	121	2661
"Pur-O-Wheat." (For Cereal Food)	F. T. Van Strum.	13,020	July 31	123	1661
"Pura World's-Best." (For Coffee)	J. C. Collins.	12,872	May 15	122	1043
"Pure Breath Tablets." (For Breath-Tablets)	Capron Chemical Co.	12,896	May 22	122	1394
"Pure Russian Kefir." (For a Remedial and Food Preparation of Milk.)	Russian Kefir Company.	13,234	Dec. 4	125	1697
"Puritan Massage Cream." (For Massage-Cream)	Puritan Massage Cream Co.	12,814	Apr. 24	121	2661
"Purity Seamless Nipples Non-Collapsible." (For Nipples)	American Lithographic Company.	12,970	June 26	122	3009
"Radiozone." (For Medicated Preparations and Articles)	Dr. Warner Remedy Co.	12,894	May 22	122	1394
"Radium-I-See." (For Medicine)	Wolverton's N. Y. Co.	12,696	Mar. 6	121	336
"Radnor Club Pure Rye Whiskey." (For Whisky)	J. Lafferty.	12,826	May 1	122	349
"Rattle-snake Oil Liniment." (For a Liniment)	Masons Medical Co.	12,614	Jan. 23	120	1162
"Red Dragon Brand." (For Spices)	Woolson Spice Company	12,917	June 5	122	2059
"Red Feather." (For Beer)	F. J. Traummiller.	12,749	Apr. 3	121	1673
"Red Raven Tablets." (For Medical Tablets)	N. M. Mendenhall.	13,211	Nov. 27	125	1346
"Red Seal." (For Beer)	St. Louis Brewing Association.	12,719	Mar. 20	121	1009
"Red Seal Brand Medicine Dropper." (For a Medicine-Dropper)	American Lithographic Co.	12,867	May 8	122	726
"Red Seal Brand Medicine Dropper." (For Medicine-Droppers)	American Lithographic Co.	12,868	May 8	122	726
"Red Star." (For Massage-Cream)	Red Star Massage Cream Co.	12,714	Mar. 20	121	1009
"Reliance." (For Ladies' Shirt-Waists)	S. Schlein.	12,904	May 22	122	1394
"Reliance." (For Paper Bags)	Crown-Columbia Pulp & Paper Co.	13,141	Oct. 23	124	2531
"Rest—A High Grade Washing Powder." (For Washing-Powder.)	Soap Products Company	12,664	Feb. 13	120	2124
"Rheumamol." (For a Remedy for Rheumatism)	J. Nachtigall.	13,289	Dec. 25	125	2761
"Rifle." (For Paper Bags)	Crown-Columbia Pulp & Paper Co.	13,110	Oct. 2	124	1519
"Riveris Talcum Powder." (For Talcum Powder)	Lehr and Fink.	13,121	Oct. 9	124	1840
"Robt. Hamilton Old Tom Gin." (For Gin)	D. Holzman & Company	12,720	Mar. 20	121	1009
"Rosa de Farina." (For Cigars)	Schmidt & Co.	12,637	Jan. 30	120	1475
"Royal Anti-Rust Enamel." (For Enamel)	J. S. Grainger & Co.	12,793	Apr. 17	121	2324
"Royal Buck." (For Gin)	J. Grossman's Sons.	13,194	Nov. 13	125	663
"Royal Cream for Shaving." (For Shaving-Cream)	Royal Cream Company	12,861	May 8	122	726
"Royal Jelly Powder." (For Jelly-Powder)	T. L. Witkop.	12,598	Jan. 9	120	654
"Royal Hygienic, Royal Southern Mills, Boston, Mass." (For Cotton Sheets)	J. F. Noera.	13,258	Dec. 11	125	2045
"Royal Southern Mills." (For Cotton Sheets and Cotton Pillow-Cases)	J. F. Noera.	13,259	Dec. 11	125	2045
"Ruberoid Brown Flooring." (For Brown Flooring)	Standard Paint Company.	13,190	Nov. 6	125	346
"Ruberoid Red Flooring." (For Red Flooring)	Standard Paint Company.	13,191	Nov. 6	125	346
"Rustlers." (For Playing-Cards)	Willis W. Russell Card Co.	13,206	Nov. 20	125	988
"Rustlers." (For Playing-Cards)	Willis W. Russell Card Co.	13,207	Nov. 20	125	988
"Rustlers." (For Playing-Cards)	Willis W. Russell Card Co.	13,208	Nov. 20	125	988
"Rustlers." (For Playing-Cards)	Willis W. Russell Card Co.	13,209	Nov. 20	125	988
"Sabo Blend." (For Roasted Coffees)	Woolson Spice Company	12,886	May 22	122	1394
"Safety Benzine." (For a Preparation of Benzin Treated to Render it Non-Explosive.)	Safety Benzine Company	13,032	July 31	123	1661
"Salam-Alakim." (For Turkish Coffee)	Ph. Exelbirt & Co.	12,824	May 1	122	349
"Santa Claus Electric Candles." (For Incandescent Lamps)	Mugler Engraving Company	13,185	Nov. 6	125	346
"Santa Claus Electric Candles." (For Incandescent Lamps)	Mugler Engraving Company	13,186	Nov. 6	125	346
"Santa Humo." (For Cigars)	Schmidt & Co.	12,746	Apr. 3	121	1673
"Santo Colorado." (For Cigars)	Schmidt & Co.	12,745	Apr. 3	121	1673
"Santy Claus Oats." (For Oats Prepared for Food)	Geo. W. Stout Co.	13,021	July 31	123	1661
"Sapolin Glass Frosting." (For Glass-Frosting)	Gerstendorfer Bros.	12,815	Apr. 24	121	2661
"Sapolin Gold Powder." (For Gold-Powder)	Gerstendorfer Bros.	13,004	July 17	123	994
"Sapolin Silver Aluminum Powder." (For Silver-Aluminum Powder.)	Gerstendorfer Bros.	13,003	July 17	123	994
"Sauer's Pure Concentrated Extract." (For Flavoring Extracts.)	C. F. Sauer Company	12,646	Jan. 30	120	1475
"Schwalb's Kure-A-Pain." (For a Liniment)	J. Schwalb	13,013	July 21	123	1282
"Scott's May-Pel." (For Proprietary Medicine)	J. Peterson	13,064	Aug. 28	123	2972
"Security Gall Cure." (For Medicine)	F. B. Dennie.	12,985	July 3	123	318
"Senator Andreas." (For Whisky)	G. Andreas & Co.	12,940	June 19	122	2686
"Seroco Whiskey." (For Whisky)	W. V. Wexberg.	12,628	Jan. 23	120	1162
"Shea-Wah-An." (For a Shampoo)	L. B. Peter.	13,242	Dec. 4	125	1697
"Sherbet Pineapple." (For Cut, Grated, or Chopped Pineapple)	Tropic Fruit Company	12,595	Jan. 9	120	654
"Shield." (For Lard)	Armour & Company	13,247	Dec. 11	125	2045
"Shoe Life." (For Leather-Preservers)	M. F. Peterson & Company	13,225	Nov. 27	125	1346
"Shogo Lithia." (For a Lithia-Spring Water)	Shogo Lithia Spring Co.	13,147	Oct. 30	124	2899
"Shredded Chocolates." (For Candy)	Lippis-Murbach Co. of Baltimore City.	12,877	May 15	122	1043
"Si-Ri-On." (For a Varnish-Stain)	Gray Bros.	13,291	Dec. 25	125	2761
"Sicilia Puro Oliva Olio." (For Olive-Oil)	Sicily Pure Olive Oil Co.	13,043	Aug. 14	123	2308
"Silico Finish." (For Wall Finish or Plaster)	United States Gypsum Co.	13,230	Nov. 27	125	1346
"Sirenia." (For Whips)	United States Whip Co.	13,144	Oct. 23	124	2531
"61." (For Cigars)	Bethany Cigar Company	12,669	Feb. 20	120	2439

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Skidew." (For a Breath-Purifier).....	L. A. Miller.....	13,030	July 31	123	1661
"Skiddoo." (For a Card Game).....	C. H. Smith.....	13,278	Dec. 18	125	2360
"Snow-White Towel Duplex Weave." (For Towels).....	R. Wise.....	12,593	Jan. 2	120	322
"Snowflake." (For Paper Bags).....	Crown-Columbia Pulp & Paper Co.....	13,143	Oct. 23	124	2531
"Society Brand Coffee." (For Coffee).....	F. A. Bower.....	12,982	July 3	123	318
"Soda Mint Water." (For Carbonated Water).....	Soda Mint Water Co.....	12,672	Feb. 20	120	2439
"Solid Comfort Rockers." (For Rocking-Chairs).....	Buckeye Chair Company.....	13,188	Nov. 6	125	346
"Southern Belle." (For Whisky).....	J. Grossman's Sons.....	13,222	Nov. 27	125	1346
"Souvenir Brand California Prunes." (For Prunes).....	Castle Brothers.....	12,763	Apr. 3	121	1673
"Speed—Pulverized Scouring Soap." (For Scouring-Soap).....	Soap Products Company.....	12,665	Feb. 13	120	2124
"Sponge-Ate The Greatest Bait." (For Confectionery).....	Hook & Crownfield.....	12,674	Feb. 20	120	2439
"St. Bernard Extract of Bark." (For Extract of Bark).....	St. Bernard Medicine Co.....	12,863	May 8	122	726
"St. Paul-Vin-Cella Medicinal Wine." (For a Medicinal Wine).....	C. A. H. Anderson.....	13,124	Oct. 16	124	2176
"Star Baby Egg Matzoths." (For Biscuits).....	H. S. Levy.....	12,858	May 8	122	726
"Star Bath-Tub Enamel." (For Bath-Tub Enamel).....	Gerstendorfer Bros.....	13,002	July 10	123	652
"Star Indian Pastille." (For Pastilles).....	E. A. Weigel.....	12,834	May 1	122	349
"Star Tea Matzoths." (For Biscuits).....	H. S. Levy.....	12,857	May 8	122	726
"Starchluster." (For Starch-Luster).....	Columbia Wax Works.....	12,776	Apr. 3	121	1673
"Stobowcon." (For a Medicinal Preparation for Stomach and Bowel Complaints.).....	A. Barthelet.....	13,120	Oct. 9	124	1840
"Straight Goods." (For Cigars).....	S. Herzberg.....	13,123	Oct. 16	124	2176
"Stub-Roo Liquid." (For Medicine).....	Stub-Roo Medical Association.....	13,252	Dec. 11	125	2045
"Sublime." (For Linen Thread).....	Société Anne. Filature & Fileries Réunies.....	12,963	June 26	122	3009
"Sulphosol, A Life Preserver." (For Soluble Sulfur).....	Empire Soluble Sulphur Corporation.....	12,708	Mar. 13	121	686
"Sulphozone." (For a Remedy for Catarrh).....	J. W. Hightower.....	13,249	Dec. 11	125	2045
"Sunrise." (For Canned Corn).....	Fayette Canning Company.....	13,164	Oct. 30	124	2899
"Supreme." (For German Knitting-Worsted).....	H. Mishkowsky.....	12,927	June 5	122	2059
"Swiss Milk Chocolate Creams." (For Candy-Boxes).....	M. Molitor.....	13,113	Oct. 2	124	1519
"Swissess." (For Cigars).....	Schmidt & Co.....	12,747	Apr. 3	121	1673
"Sylvan." (For Soap).....	Armour & Company.....	13,269	Dec. 18	125	2360
"Sylvan." (For Soap).....	Armour & Company.....	13,270	Dec. 18	125	2360
"Sylvan." (For Soap).....	Armour & Company.....	13,271	Dec. 18	125	2360
"Sylvan." (For Soap).....	Armour & Company.....	13,272	Dec. 18	125	2360
"Syreet." (For Syrup).....	C. H. Keyes.....	12,673	Feb. 20	120	2439
"Tadellos." (For Beer).....	Ruehl Brothers Brewing Company.....	12,889	May 22	122	1394
"Tape Register." (For Tape-Registers).....	American Coin Register Co.....	13,009	July 17	123	994
"Tare Proof." (For Hosiery).....	Carson, Pirie, Scott and Company.....	12,999	July 10	123	652
"Techado Ruberoid." (For a Roofing).....	Standard Paint Company.....	13,199	Nov. 13	125	663
"Tenderfoot." (For Hosiery).....	Carson, Pirie, Scott and Company.....	12,965	June 26	122	3009
"The Aetna Self-Heating." (For Self-Heating Cans Containing Food.).....	Aetna Self-Heating Food Company.....	12,962	June 26	122	3009
"The American Girl Skirt." (For Ladies', Misses', and Children's Skirts.).....	American Skirt Mfg. Co.....	12,870	May 8	122	726
"The American Princesses' Roman and Grecian Massage Bath and Toilet Compounds." (For Toilet and Massage Compounds.).....	E. H. Green.....	13,136	Oct. 23	124	2531
"The Barnett Hog Remedy and Stock Food." (For a Combined Food and Condition-Powder for Live Stock.).....	C. H. Wintersteen.....	12,766	Apr. 3	121	1673
"The Black Cat." (For Cigars).....	A. G. Wiedmann Cigar Box Co.....	12,822	May 1	122	349
"The Clean Lubric." (For a Lubricant).....	Southern Lubricating Co.....	13,129	Oct. 16	124	2176
"The Clincher Curtain Fastener." (For Curtain-Fasteners).....	Grand Rapids Novelty Manufacturing Company.....	12,711	Mar. 13	121	686
"The Compactum Handkerchief." (For Handkerchiefs).....	Acheson Harden Company.....	12,725	Mar. 20	121	1009
"The Decker Ledger and Balance Combined." (For Account-Books.).....	L. Decker.....	13,102	Sept. 25	124	1204
"The Electric Cleaner and Polish." (For a Cleaning and Polishing Preparation.).....	E. T. Lucas.....	13,100	Sept. 25	124	1204
"The Elizabeth Salve." (For a Medical Preparation for the Cure of Skin Diseases.).....	M. Herschman.....	12,925	June 5	122	2059
"The Great American Game Base Ball." (For a Game).....	W. O. Dapping.....	13,128	Oct. 16	124	2176
"The Harvard Eye Remedy." (For Eye Medicine).....	G. S. Rubin.....	12,659	Feb. 13	120	2124
"The Hibernia." (For Handkerchiefs).....	Acheson Harden Company.....	12,722	Mar. 20	121	1009
"The Ideal Washing Fluid." (For a Washing Fluid).....	C. A. Moosbrugger.....	12,775	Apr. 3	121	1673
"The Indianapolis Whip." (For Whips).....	M. Rehfuess, Jr.....	12,710	Mar. 13	121	686
"The Kismet Multi-Doo." (For a Combined Paper-Cutter, Envelop-Opener, Paper-Clip, Book-Mark, Pencil-Sharpener, Pen and Pencil Holder, Ink-Eraser, Rule, Book-Opener, Note-Book Rest and Copy-Guide.).....	A. Hering.....	13,033	July 31	123	1661
"The Kismet Multi-Doo." (For Multifunction Paper-Cutters.).....	Kismet Company.....	13,173	Oct. 30	124	2899
"The Kookizer." (For a Fireless Cooker and Icer Combined).....	M. L. Palmer.....	12,942	June 19	122	2686
"The Lox Hose Supporter." (For Hose-Supporters).....	A. Frankenstein & Co.....	13,045	Aug. 14	123	2308
"The Mascot Solitaire." (For a Game).....	C. C. Kelly.....	13,226	Nov. 27	125	1346
"The Medina County Creamery Co." (For Butter).....	Medina County Creamery Company.....	12,951	June 26	122	3009
"The New Chemical Felt." (For a Felt for Polishing Gold and Silver.).....	M. C. Pritchard.....	12,726	Mar. 20	121	1009
"The New Linene Handkerchiefs." (For Handkerchiefs).....	Acheson Harden Company.....	12,724	Mar. 20	121	1009
"The Nightingale." (For Talking-Machine Records).....	Englewood Co. Consolidated Factories.....	12,817	Apr. 24	121	2661
"The Old Time Irish Linen Hdks." (For Handkerchiefs.).....	Acheson Harden Company.....	12,723	Mar. 20	121	1009
"The Scott Hip-Form and Bustle." (For Hip-Forms).....	C. H. Scott.....	12,806	Apr. 24	121	2661
"The Shaker Shoe." (For Shoes).....	M. C. Pritchard.....	13,016	July 24	123	1282
"The Stamped Mixture." (For Medicine).....	Stamped Remedy Co.....	12,831	May 1	122	349
"The Standard of the World." (For Enameled Ware).....	Humphryes Mfg. Co.....	13,053	Aug. 21	123	2625
"The Vanderbilt Cup Course." (For a Game).....	S. D. Bowers.....	13,295	Dec. 25	125	2761
"The Virginia Brand." (For Pork Products).....	Langdon & Boyd.....	12,934	June 12	122	2387
"Theiform." (For a Medical Preparation for the Scalp and Hair.).....	A. Blew.....	12,961	June 26	122	3009
"Thompson's Pimple-Off." (For a Proprietary Remedy for the Cure of Skin Diseases.).....	R. S. Thompson.....	12,989	July 10	123	652
"Three Minute Plum Pudding." (For Plum-Pudding).....	A. T. Knapp.....	13,265	Dec. 18	125	2360

Alphabetical list of labels—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Thym-A-Tol Tooth Paste." (For Tooth-Paste).....	Thym-A-Tol Dental Co.....	13,089	Sept. 18	124	903
"Thym-A-Tol Flux." (For Soldering-Flux).....	Thym-A-Tol Dental Co.....	13,092	Sept. 18	124	903
"Tin Pan Coal." (For Receptacles for Coal).....	St. Louis, Rocky Mountain & Pacific Co.....	12,971	June 26	122	3009
"Tinea-Cide." (For a Germicidal Preparation for the Scalp and Skin).....	C. C. Durr.....	13,200	Nov. 20	125	988
"Tiz for Tender Feet." (For Foot-Bath Tablets).....	W. L. Dodge.....	12,960	June 26	122	3009
"Togolin." (For a Sweeping Compound).....	B. Zelle.....	13,052	Aug. 21	123	2625
"Triple Wear Toes." (For Hosiery).....	G. B. Pfingst.....	13,127	Oct. 16	124	2176
"Trowbridge's Chocolate Trowco Puffs." (For Confectionery).....	Trowbridge Chocolate Chip Co.....	12,755	Apr. 3	121	1673
"Tryable." (For Toilet-Paper).....	Scott Paper Company.....	13,296	Dec. 25	125	2761
"Tryo." (For Toilet-Paper).....	Scott Paper Co.....	13,224	Nov. 27	125	1346
"Tubs." (For Pulverized Scouring-Soap).....	M. H. Fairchild & Bro.....	12,632	Jan. 23	120	1162
"Turtle Egg Shampoo." (For a Hair-Wash).....	A. K. Rex.....	12,862	May 8	122	726
"Twilight in the Canyon." (For Suspenders).....	Gordon Manufacturing Company.....	12,998	July 10	123	652
"U. S. Army Standard, Uncle Sam." (For Seamless Half-Hose).....	W. B. Beyer.....	12,777	Apr. 3	121	1673
"U-Want-It." (For Butter).....	B. D. Catlin.....	12,941	June 19	122	2686
"Uncle John's." (For Spool-Cotton and Cotton Thread).....	Bullard Thread Co.....	13,203	Nov. 20	125	988
"Union Butcher Manilla." (For Wrapping-Paper).....	Gray, Ewing & Company.....	13,093	Sept. 18	124	903
"Union Manilla No. 1." (For Manilla Wrapping-Paper).....	Gray, Ewing & Co.....	13,276	Dec. 18	125	2360
"Unique Type-Writer Carbon." (For Type-Writer Carbon-Paper).....	O. R. Brown.....	13,275	Dec. 18	125	2360
"Universal Finish." (For Wall Finish or Plaster).....	United States Gypsum Co.....	13,231	Nov. 27	125	1346
"Uno, is a Life Preserver." (For a Medicinal Compound Containing Soluble Sulfur).....	Empire Soluble Sulphur Corporation.....	13,268	Dec. 18	125	2360
"Vamocha Brand Mocha and Java Coffee." (For Canned Coffee).....	United States Printing Company.....	12,600	Jan. 9	120	654
"Van Emden Ground Chocolate." (For Chocolate).....	Van Emden Cocoa Co.....	12,721	Mar. 20	121	1009
"Velvet Lustre." (For Shoe-Polish).....	M. F. Peterson & Company.....	13,171	Oct. 30	124	2899
"Verbena Hair Tonic." (For Hair-Tonic).....	J. Ottmann Lithographing Co.....	12,812	Apr. 24	121	2661
"Victor Auxetophone." (For Talking-Machines and Parts Thereof).....	Victor Talking Machine Company.....	12,968	June 26	122	3009
"Victor Junior Gramophone." (For Talking-Machines and Parts Thereof).....	Victor Talking Machine Company.....	12,969	June 26	122	3009
"Victor Victrola." (For Talking-Machines and Parts Thereof).....	Victor Talking Machine Company.....	12,967	June 26	122	3009
"Vin St. Martin." (For Wines).....	Fournier-Fournier.....	13,061	Aug. 28	123	2972
"Violet Self Raising Buckwheat Flour." (For Buckwheat-Flour).....	Albers Bros. Milling Co.....	12,641	Jan. 30	120	1475
"Violet Self Raising Pancake Flour." (For Pancake-Flour).....	Albers Bros. Milling Co.....	12,640	Jan. 30	120	1475
"Violet Talc Powder." (For Talc Powder).....	Colgate & Co.....	12,956	June 26	122	3009
"Violet Talc Powder." (For Talc Powder).....	Colgate & Co.....	13,273	Dec. 18	125	2360
"Violet Wheat." (For Wheat-Flakes).....	Albers Bros. Milling Co.....	12,643	Jan. 30	120	1475
"Vomiting Syrup for Diphtheria, Croup, &c." (For Medicine).....	Keller Bros.....	12,648	Jan. 30	120	1475
"Walker's Club Whiskey." (For Whisky).....	L. W. Walker.....	13,261	Dec. 18	125	2360
"Walton's Pepsin Dental Gum." (For Chewing-Gum).....	G. E. Walton.....	12,878	May 15	122	1043
"Warneely Brand." (For Hats).....	W. Neely & Co.....	13,201	Nov. 20	125	988
"Wavenlock." (For Hair-Tonic).....	F. H. McGuire.....	12,712	Mar. 20	121	1009
"Wayne." (For Canned Corn).....	Wayne County Preserving Co.....	12,736	Mar. 27	121	1345
"Wedgwood." (For Salmon).....	Stewart Brothers Company.....	12,654	Feb. 6	120	1821
"Wentworth Street Carbonated Water." (For Carbonated Water).....	J. Kornahrens.....	13,017	July 31	123	1661
"White Crow." (For Cigars).....	C. B. Henschel Mfg. Co.....	13,075	Aug. 28	123	2972
"White Eagle Tea." (For Tea).....	A. Kempler.....	13,034	Aug. 7	123	1987
"White Elephant Cough Cure." (For a Medicine).....	W. C. Strong.....	12,908	May 29	122	1719
"White Elk Brand." (For Fruit).....	C. P. Cory.....	13,062	Aug. 28	123	2972
"White Rose." (For Bread).....	H. Woehlek.....	13,044	Aug. 14	123	2308
"White Sulphur Monarch of Waters, Natural Carbonated Chalybeate Water." (For Mineral Water).....	Chapman & Meyhaus.....	13,060	Aug. 28	123	2972
"Wilborine Salve." (For Salve).....	Wilborine Salve Co.....	12,608	Jan. 9	120	654
"William Bond." (For Cigars).....	O. L. Schwenke Lithographic Co.....	12,844	May 8	122	726
"Wilt's Hair Restorer." (For Hair-Restorer).....	E. G. Barekhoff & Co.....	12,709	Mar. 13	121	686
"Winchester Pure Rye Whiskey." (For Whisky).....	Hornstein Grocery Co.....	12,875	May 15	122	1043
"Winsom." (For Canned Corn).....	Wayne County Preserving Company.....	13,263	Dec. 18	125	2360
"Worcestershire Sauce." (For a Liquid Sauce).....	J. Farrow.....	12,974	July 3	123	318
"Words are Flowers Fruits are Facts Texas Post Oak." (For Medicine).....	J. Mack Mahon.....	12,718	Mar. 20	121	1009
"Worthmore." (For Rye Whisky).....	E. M. Higgins Co.....	12,874	May 15	122	1043
"Wright's Electric Catarrh Cure." (For a Jelly-Like Substance for Relief and Cure of Catarrh).....	G. H. Wright.....	12,895	May 22	122	1394
"X Ray Polish." (For a Cleaning Preparation).....	C. E. Braasch.....	12,613	Jan. 9	120	654
"Yeager." (For Whisky).....	L. P. Yeager.....	13,223	Nov. 27	125	1346
"Zenith Brand' Metal Clasp Envelopes." (For Envelopes).....	C. J. Cohen & Son.....	12,805	Apr. 24	121	2661
"Zynoxall." (For Medicine).....	A. L. McVay.....	12,920	June 5	122	2059

PRINTS.

Title.	Name.	No.	Date.	Official Gazette.	
				Volume.	Page.
"A A Dentifrice Cream." (For a Dentifrice).....	Atlanta Antiseptic Co.....	1,589	Mar. 6	121	336
"A Committee of Three, The Anticipation." (For a Beverage).....	F. B. Nehus.....	1,723	July 17	123	994
"A Committee of Three, The Ejaculation." (For a Beverage).....	F. B. Nehus.....	1,725	July 17	123	994
"A Committee of Three, The Investigation." (For a Beverage).....	F. B. Nehus.....	1,721	July 17	123	994
"A Committee of Three, The Realization." (For a Beverage).....	F. B. Nehus.....	1,724	July 17	123	994
"A Committee of Three, The Temptation." (For a Beverage).....	F. B. Nehus.....	1,722	July 17	123	994
"A Stormy Day at the Flat Iron Building." (For Rubbers).....	Stahl and Jaeger.....	1,582	Feb. 27	120	2751
"A Study of Expression: What Changes It?" (For a Tonic).....	F. S. Walker.....	1,778	Sept. 4	124	316
"A Sure Sign of Good Eating." (For a Food Preparation).....	Cream of Wheat Company.....	1,703	June 19	122	2686
"A Thousand Expert Cutters and Tailors." (For Men's and Boys' Coats, Vests, and Trousers.).....	Ed. V. Price & Company.....	1,794	Sept. 18	124	903
"A Toast." (For Shoes).....	Brown Shoe Co.....	1,539	Jan. 2	120	322
"A Tricorne." (For Millinery and Straw Hats).....	Gage Brothers & Co.....	1,642	May 8	122	726
"A Trip Around Candies, Johnston." (For Confections and Candies.).....	Hummel & Downing Co.....	1,608	Mar. 27	121	1345
"A Wisconsin Deer Hunt. The Return—Two Bucks." (For Beer.).....	Meek Company.....	1,530	Jan. 2	120	322
"Abbott's Angostura Bitters." (For Bitters).....	C. W. Abbott and Co.....	1,831	Nov. 13	125	663
"Adler's New Designs in Fall Fashions." (For Men's Apparel).....	David Adler & Sons Clothing Co.....	1,793	Sept. 18	124	913
"Adler's Nobby Fall and Winter Clothes for 1906-1907." (For Men's Apparel).....	David Adler & Sons Clothing Co.....	1,755	Aug. 14	123	2308
"Adler's Spring and Summer Clothes." (For Men's Spring Apparel).....	David Adler & Sons Clothing Co.....	1,580	Feb. 20	120	2439
"Adler's Young Men's Summer Styles." (For Men's Summer Apparel).....	David Adler & Sons Clothing Co.....	1,590	Mar. 20	121	1009
"All Around the World." (For a Breakfast-Food).....	Cream of Wheat Company.....	1,844	Nov. 27	125	1346
"Alma Mater Cigarettes." (For Cigarettes).....	G. H. O. Wing.....	1,857	Dec. 11	125	2066
"American Beauty." (For Millinery and Straw Hats).....	Gage Brothers & Co.....	1,648	May 8	122	727
"Amount of Energy \$5.00 Will Buy." (For Flour).....	L. P. Hubbard.....	1,729	July 17	123	994
"An Actual Scene in British Columbia." (For Furs).....	Weil Bros. & Co.....	1,873	Dec. 25	125	2745
"An Easy Shave." (For Shaving-Soap).....	O. F. Woodward.....	1,576	Feb. 20	120	2439
"Antiphlogistine Girl No. 1." (For Medicine).....	Denver Chemical Mfg. Co.....	1,780	Sept. 11	124	621
"Antiphlogistine Girl No. 2." (For Medicine).....	Denver Chemical Mfg. Co.....	1,781	Sept. 11	124	621
"Antiphlogistine Girl No. 3." (For Medicine).....	Denver Chemical Mfg. Co.....	1,782	Sept. 11	124	621
"Antiphlogistine Girl No. 4." (For Medicine).....	Denver Chemical Mfg. Co.....	1,783	Sept. 11	124	621
"Apollo Springs." (For Seltzer Water).....	L. Goos.....	1,827	Nov. 6	125	341
"Are You Opinionated." (For Flour).....	Washburn, Crosby Company.....	1,869	Dec. 25	125	2761
"Arjo Salmon—Delicious Baked." (For Salmon).....	Alaska Packers Association.....	1,533	Jan. 2	120	322
"Arjo Salmon—Salmon Chowder." (For Salmon).....	Alaska Packers Association.....	1,535	Jan. 2	120	322
"Arjo Salmon—Salmon Fritters." (For Salmon).....	Alaska Packers Association.....	1,532	Jan. 2	120	322
"Arjo Salmon—Stuffed Eggs." (For Salmon).....	Alaska Packers Association.....	1,534	Jan. 2	120	322
"Arrowette." (For Cough Medicine).....	D. F. Sheldon.....	1,559	Jan. 9	120	654
"Artgum." (For Erasers or Elastic Compounds for Cleaning and Renovating Drawings, Tracings, Pictures, Wall-Paper, Leather Goods, Apparel, &c.).....	A. Sommer.....	1,817	Oct. 16	124	2176
"Asbestol." (For Gloves and Mittens).....	Joseph N. Eisendrath Company.....	1,627	Apr. 24	121	2661
"At Your Service." (For Wheat).....	Belding Bros. & Co.....	1,668	May 22	122	1394
"Attention Boys and Girls." (For Shoes).....	Brown Shoe Co.....	1,537	Jan. 2	120	322
"August Flower." (For Medicine).....	G. G. Green.....	1,594	Mar. 13	121	686
"Autocrat and Baronial Backs, Bridge Series, Congress Playing Cards." (For Playing-Cards).....	United States Playing Card Company.....	1,749	July 31	123	1661
"Autocycle Back Bicycle Playing Cards." (For Playing-Cards).....	United States Playing Card Company.....	1,807	Oct. 2	124	1519
"Automobile Back, Bicycle Playing Cards." (For Playing-Cards).....	United States Playing Card Company.....	1,843	Nov. 20	125	988
"Avondale Schedule Game of Five Hundred." (For Playing-Cards).....	United States Playing Card Company.....	1,718	July 10	123	652
"Ayer's Cherry Dentifrice." (For Cherry Dentifrice).....	Ayer Medical Company.....	1,562	Jan. 23	120	1162
"Base Balls." (For Base-Balls).....	A. J. Reach Company.....	1,842	Nov. 20	125	988
"Be Good to Your Hare." (For Dandruff Cure and Hair-Tonic).....	F. F. Ingram.....	1,767	Aug. 28	123	2972
"Bear Brand Guanos." (For Guanos).....	Tennessee Chemical Co.....	1,838	Nov. 13	125	663
"Belding's Yardwide Guaranteed Satin." (For Satins).....	Belding Bros. & Co.....	1,598	Mar. 20	121	1009
"Better Than Honey." (For Syrups and Crushed Fruits).....	J. Hungerford Smith Co.....	1,800	Sept. 25	124	1204
"Black and White." (For Millinery and Straw Hats).....	Gage Brothers & Co.....	1,651	May 8	122	727
"Body Builders." (For Medicinal Remedies).....	Body Builders Medicine Co.....	1,690	June 5	122	2059
"Bogi Hrvati." (For a Liquor Made from White Corn Whisky and Brandy).....	J. Kovačević.....	1,631	Apr. 24	121	2661
"Borden's Columbian Brand Evaporated Cream." (For Evaporated Cream).....	Borden's Condensed Milk Co.....	1,571	Feb. 6	120	1821
"Boys Indestructible Hose." (For Hosiery).....	Racine Feet Knitting Co.....	1,698	June 12	122	2387
"Burk's Buttermilk Boneless Breakfast Bacon." (For Bacon).....	L. Burk.....	1,700	June 19	122	2686
"Burnham's Jellycon." (For Jelly Dessert).....	Sackett & Wilhelms Lith. & Ptg. Co.....	1,758	Aug. 21	123	2625
"Buster Brown Blue Ribbon Book." (For Shoes).....	Brown Shoe Co.....	1,547	Jan. 2	120	322
"Buster Brown Guards are on Parade." (For Shoes).....	Brown Shoe Co.....	1,541	Jan. 2	120	322
"Buster Brown Playing Cards." (For Playing-Cards).....	United States Playing Card Company.....	1,848	Nov. 27	125	1346
"Buster Brown's Heart." (For Shoes).....	Brown Shoe Co.....	1,544	Jan. 2	120	322
"C. Poyet Inc. Candies." (For Candies).....	Grossman Paper Box Co.....	1,558	Jan. 9	120	654

Alphabetical list of prints—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"California Root Beer." (For Root-Beer Extract).....	California Root Beer Co.....	1,726	July 17	123	994
"Captain Kidd Back, Congress Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.....	1,750	July 31	123	1661
"Captain Kidd Back, Congress Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.....	1,751	Aug. 7	123	1987
"Carolina Brights Cigarettes, Manufactured by Wells-Whitehead Tobacco Co." (For Cigarettes.).....	Wells-Whitehead Tobacco Co.....	1,674	May 22	122	1394
"Carolina Brights Cigarettes, They Satisfy the World." (For Cigarettes.).....	Wells-Whitehead Tobacco Co.....	1,688	June 5	122	2059
"Celakut." (For Liquid Court-Plaster).....	Lee Chemical Mfg. Co.....	1,812	Oct. 9	124	1840
"Centennial Prize Medal." (For Malt Liquors).....	J. Ruppert.....	1,622	Apr. 17	121	2324
"Chase's Agricultural Pharmaceuticals." (For Pharmaceuticals Pertaining to Agriculture.).....	A. C. Chase.....	1,872	Dec. 25	125	2761
"Chief Kokomo." (For Rubber Tires).....	Kokomo Rubber Company.....	1,603	Mar. 20	121	1009
"Class Pin Colored Page." (For Class-Pins).....	S. L. Folger.....	1,759	Aug. 28	123	2972
"College Brand Clothes, Fall and Winter Styles 1906-07." (For Clothes.).....	E. L. Blumline & Co.....	1,798	Sept. 18	124	903
"Combination Suits." (For Boys' Clothing).....	David & Jacobs.....	1,841	Nov. 20	125	988
"Coming Thro' the Rye." (For Whisky).....	Savage Manufacturing Co.....	1,566	Jan. 30	120	1475
"Composite Brick." (For Brick Manufactured from a Combination of Sand, Lime, and Cement.).....	L. Elkus.....	1,699	June 12	122	2387
"Corn Fed." (For Provisions).....	John P. Squire & Company.....	1,691	June 5	122	2059
"Coulson Egg Food." (For Poultry-Foods).....	Coulson Poultry & Stock Food Co.....	1,692	June 5	122	2059
"Coulson's Egg Food." (For Egg-Food).....	Coulson Poultry & Stock Food Co.....	1,667	May 22	122	1394
"Coulson's Hog Fattening Meal." (For Hog-Fattening Meal).....	Coulson Poultry & Stock Food Co.....	1,676	May 22	122	1394
"Cream of Wheat." (For a Cereal Breakfast-Food).....	Cream of Wheat Company.....	1,819	Oct. 23	124	2531
"Cream of Wheat for Hot Weather." (For a Food Preparation.).....	Cream of Wheat Company.....	1,701	June 19	122	2686
"Crescent Acetylene Burners." (For Acetylene-Burners).....	Crescent Burner Manufacturing Company.....	1,612	Mar. 27	121	1345
"Dere aint go'n'er be no leavin's." (For Food Products).....	Battle Creek Breakfast Food Co. Ltd.....	1,666	May 22	122	1394
"Design for Card Box." (For Playing-Cards).....	Willis W. Russell Card Co.....	1,602	Mar. 20	121	1009
"Design for Card Box." (For Playing-Cards).....	Willis W. Russell Card Co.....	1,808	Oct. 2	124	1519
"Designs for Playing Card Spots or Pips." (For Playing-Cards.).....	Willis W. Russell Card Co.....	1,572	Feb. 6	120	1821
"Diamond Carbonic Fire Extinguisher." (For Fire-Extinguishers.).....	Liquid Carbonic Company.....	1,744	July 31	123	1661
"Diamond-Plaid Back, Bicycle Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.....	1,772	Aug. 28	123	2972
"Doctor's Special." (For Whisky).....	A. J. Kitz.....	1,752	Aug. 14	123	2308
"Don't Discharge the Cook." (For Flour).....	Washburn-Crosby Company.....	1,567	Jan. 30	120	1475
"Don't Worry—Conkey Will Cure Me." (For Poultry Remedies.).....	G. E. Conkey & Co.....	1,871	Dec. 25	125	2761
"Dr. A. Grandjean's Hygienic Adjustable Bed Clothes Clamp." (For Bedclothes-Clamps.).....	A. Grandjean, M. D.....	1,853	Dec. 4	125	1697
"Dr. Porter's Antiseptic Healing Oil Heals all Hurts, Prevents Blood Poison." (For Antiseptic Healing-Oil.).....	Paris Medicine Company.....	1,732	July 24	123	1282
"Dragon." (For Playing-Cards).....	Willis W. Russell Card Co.....	1,748	July 31	123	1661
"Drink Pepsi-Cola." (For a Health-Drink).....	Pepsi-Cola Company.....	1,620	Apr. 10	121	1975
"Emerson's Bromo-Seltzer." (For a Medicine).....	Emerson Drug Company.....	1,741	July 31	123	1661
"Enlightening the Clothing World." (For Clothing).....	Ed. V. Price & Company.....	1,835	Nov. 13	125	663
"Every One to Their Own Taste." (For Flour).....	Piqua Flour Co.....	1,561	Jan. 16	120	900
"Fall and Winter Styles 1906-07." (For Clothing).....	Garson Meyer & Co.....	1,802	Sept. 25	124	1204
"Fall Styles." (For Clothing).....	P. W. Furstenberg.....	1,858	Dec. 11	125	2045
"Fashions of the Spring Season 1906." (For Men's Spring Apparel.).....	David Adler & Sons Clothing Co.....	1,592	Mar. 13	121	686
"Father of Waters." (For Flour).....	L. P. Hubbard.....	1,657	May 8	122	727
"Ferguson's Mince Pies." (For Mince Pies).....	Boston Bank Note Co.....	1,554	Jan. 9	120	654
"Ferguson's White Seal." (For Bread).....	Boston Bank Note Co.....	1,552	Jan. 9	120	654
"Ferguson's White Seal." (For Pies).....	Boston Bank Note Co.....	1,553	Jan. 9	120	654
"Fine Braces." (For Braces).....	Grossman Paper Box Co.....	1,560	Jan. 9	120	654
"Fit-Easy." (For Shoes).....	A. S. Bacon.....	1,578	Feb. 20	120	2439
"Flick's Antiseptic Catarrh Salve." (For a Salve).....	F. L. Flick.....	1,595	Mar. 13	121	686
"Floral Effect." (For Millinery and Straw Hats).....	Gage Brothers & Co.....	1,650	May 8	122	727
"Frank Jones Ales." (For Ales).....	Kaufmann & Strauss Company.....	1,765	Aug. 28	123	2972
"French Electro Medicated Crayon." (For Medicated Crayon).....	H. A. Ward.....	1,786	Sept. 11	124	621
"Gold Seal Brand Condensed Milk." (For Condensed Milk).....	Borden's Condensed Milk Co.....	1,788	Sept. 18	124	903
"Good Morning." (For Puffed Rice).....	American Cereal Company.....	1,709	June 26	122	3009
"Hackett's Gape Cure." (For a Remedy for Curing Gapes in Chickens.).....	T. C. Hackett.....	1,855	Dec. 4	125	1697
"Hammer the Hammer." (For Revolvers).....	Iver Johnson's Arms & Cycle Works.....	1,581	Feb. 20	120	2439
"Happy Dispositions." (For a Food Preparation).....	Cream of Wheat Company.....	1,705	June 19	122	2686
"Harry Tether." (For Shoes).....	Brown Shoe Co.....	1,536	Jan. 2	120	322
"Health Bread." (For Bread).....	L. Hegwein.....	1,870	Dec. 25	125	2761
"Hertz Equestrienne Breeches for Riding Astride." (For Equestrienne Breeches.).....	Hertz.....	1,776	Aug. 28	123	2972
"Highest Prices Paid for Tobacco Grown With Virginia-Carolina Fertilizers." (For Fertilizers.).....	Virginia-Carolina Chemical Co.....	1,683	May 29	122	1719
"Home Made." (For Sausage).....	F. G. O. Schnoor.....	1,742	July 31	123	1661
"Honestly Now Mr. Dispenser." (For Soda-Fountains).....	Liquid Carbonic Company.....	1,766	Aug. 28	123	2972
"How Are Things Down Your Way?" (For Oiled Clothing).....	A. J. Tower Co.....	1,860	Dec. 11	125	2045
"Huyler's Chocolate." (For Huyler's Chocolate).....	Stahl and Jaeger Inc.....	1,670	May 22	122	1394
"If You Please—Don't Merely ask for Flour." (For Flour).....	Washburn-Crosby Company.....	1,682	May 29	122	1719
"Imperial Hat Ads 1906." (For Hats).....	Samuel Mundheim Co.....	1,597	Mar. 20	121	1009
"Imperial Hats 1906." (For Hats).....	Samuel Mundheim Co.....	1,587	Mar. 6	121	336
"Indian Fish Bait Makes All Fish Bite." (For Fish-Bait).....	W. C. Andrews.....	1,757	Aug. 14	123	2308
"Is Truly Healthful." (For a Substitute for Coffee).....	Milwaukee Lithographing Co.....	1,856	Dec. 11	125	2045
"It Makes the Mountain Smile." (For Beer).....	Milwaukee Lithographing Company.....	1,663	May 15	122	1043
"It Winds Itself." (For a Self-Winding Clock).....	National Self-Winding Clock Co.....	1,734	July 24	123	1282
"It Winds Itself." (For a Self-Winding Clock).....	National Self-Winding Clock Co.....	1,735	July 24	123	1282
"It Winds Itself." (For a Self-Winding Clock).....	National Self-Winding Clock Co.....	1,736	July 24	123	1282
"It Winds Itself." (For a Self-Winding Clock).....	National Self-Winding Clock Co.....	1,737	July 24	123	1282
"It's a Wallach." (For Hats).....	Wallach Bros.....	1,760	Aug. 28	123	2972
"Jane and I." (For Shoes).....	Brown Shoe Co.....	1,546	Jan. 2	120	322

Alphabetical list of prints—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Juanita." (For Flour).....	Scott County Milling Co.	1,628	Apr. 24	121	2661
"Jumbo Indexes Sportsmans' Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.	1,634	May 1	122	349
"Jungle." (For Playing-Cards).....	H. Ott.	1,847	Nov. 27	125	1346
"Just as Good." (For Popcorn Confection).....	Severson & Johnson.	1,556	Jan. 9	120	654
"Laxative Bromo Quinine Tablets." (For a Medicine).....	Paris Medicine Co.	1,829	Nov. 6	125	246
"Lemp Extra Pale." (For Beer).....	Wm. J. Lemp Brewing Co.	1,706	June 19	122	2686
"Liquid Fruits and Diamond Brand Crushed Fruits." (For Fruit-Syrups and Crushed Fruits.).....	Liquid Carbonic Company.	1,671	May 22	122	1394
"Little Indians Snow and Crow." (For Shoes).....	Brown Shoe Co.	1,543	Jan. 2	120	322
"Little Jakkie Homer." (For Shoes).....	Brown Shoe Co.	1,540	Jan. 2	120	322
"Man-a-lin The Ideal Laxative." (For Laxative Medicine).....	Manalin Company.	1,753	Aug. 14	123	2308
"Mandolin." (For Playing-Cards).....	Willis W. Russell Card Co.	1,584	Feb. 27	120	2751
"McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape Ladders.).....	M. J. McArthur.	1,719	July 10	123	652
"McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape Ladders.).....	M. J. McArthur.	1,745	July 31	123	1661
"McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape Ladders.).....	M. J. McArthur.	1,746	July 31	123	1661
"McArthur's Fire Escape and Jacob's Ladder." (For Fire-Escape and Jacob's Ladder.).....	M. J. McArthur.	1,826	Oct. 30	124	2899
"Me Too." (For Rain-Coats).....	B. Priestley & Co.	1,830	Nov. 6	125	346
"Men and Boys Apparel." (For Men's and Boys' Apparel).....	H. C. Lytton.	1,833	Nov. 13	125	663
"Men of the Widest Diversity of Taste." (For Men's and Boys' Coats, Vests, and Trousers.).....	Ed. V. Price & Company.	1,796	Sept. 18	124	903
"Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	H. C. Lytton.	1,840	Nov. 20	125	988
"Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	H. C. Lytton.	1,852	Dec. 4	125	1697
"Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	H. C. Lytton.	1,859	Dec. 11	125	2045
"Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	H. C. Lytton.	1,862	Dec. 18	125	2360
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,579	Feb. 20	120	2439
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,588	Mar. 6	121	336
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,593	Mar. 13	121	686
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,621	Apr. 17	121	2324
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,625	Apr. 24	121	2661
"Men's Apparel." (For Men's Apparel).....	L. Adler Bros. & Co.	1,711	June 26	122	3009
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,733	July 24	123	1282
"Men's Apparel." (For Men's Apparel).....	Schloss Bros. & Co.	1,754	Aug. 14	123	2308
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,761	Aug. 28	123	2972
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,790	Sept. 18	124	903
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,791	Sept. 18	124	903
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,792	Sept. 18	124	903
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,814	Oct. 9	124	1840
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,834	Nov. 13	125	663
"Men's Apparel." (For Men's Apparel).....	W. C. Both.	1,851	Dec. 4	125	1697
"Mill Work." (For Wood Millwork Articles).....	J. L. Walpole.	1,565	Jan. 23	120	1162
"Mobile Back Margin Star Back Bicycle Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.	1,816	Oct. 16	124	2176
"Montreal Malt Rye." (For Liquors).....	N. M. Uri & Co.	1,696	June 12	122	2387
"Motor Back, Bicycle Playing Cards." (For Playing-Cards).....	United States Playing Card Company.	1,866	Dec. 18	125	2360
"Motor Car and Lantern Backs Bicycle Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.	1,632	Apr. 24	121	2661
"Motorcycle Back, Bicycle Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.	1,825	Oct. 30	124	2899
"Most Food Least Waste." (For Flour).....	L. P. Hubbard.	1,763	Aug. 28	123	2972
"Mrs. Hord's Colonial Pickle." (For Pickle).....	A. G. Hord.	1,563	Jan. 23	120	1162
"Mushroom Fashion." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,647	May 8	122	727
"Nature's Romance." (For Beer).....	Meek Company.	1,672	May 22	122	1394
"Neverslips Have Red Tips." (For Horseshoe-Calks).....	Federal Lithograph Company.	1,775	Aug. 28	123	2972
"Neverslips Have Red Tips." (For Horseshoe-Calks).....	Federal Lithograph Company.	1,774	Aug. 28	123	2972
"(Next Morning.) Bromo-Seltzer." (For Bromo-Seltzer).....	Emerson Drug Company.	1,601	Mar. 20	121	1009
"Noodles, Moonlight, Pocahontas, Colonial Girl, Knuckle-down, and in Old Madrid backs, Congress Playing Cards." (For Playing-Cards.).....	United States Playing Card Company.	1,714	June 26	122	3009
"Oak." (For Playing-Cards).....	Willis W. Russell Card Co.	1,586	Feb. 27	120	2751
"Oldsmobile Model B—Straight Dash." (For an Automobile).....	Shaw-Torrey Co.	1,604	Mar. 20	121	1009
"Oldsmobile Model L." (For an Automobile).....	Shaw-Torrey Co.	1,605	Mar. 20	121	1009
"Oldsmobile Model S." (For Automobiles).....	Shaw-Torrey Co.	1,606	Mar. 20	121	1009
"100 Yard Dash." (For Shoes).....	Brown Shoe Co.	1,548	Jan. 2	120	322
"Otoe Preserving Co." (For Canned Cream Sugar-Corn).....	Otoe Preserving Company.	1,669	May 22	122	1394
"Ox Brand Guanos." (For Guanos).....	Tennessee Chemical Co.	1,839	Nov. 13	125	663
"Pain King." (For Liniment).....	F. B. Clark & Company.	1,583	Feb. 27	120	2751
"Panama Sailor." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,649	May 8	122	727
"Parsons." (For Manganese Bronze and White Brass).....	William Cramp & Sons Ship & Engine Bldg. Co.	1,684	May 29	122	1719
"Peacock Feather." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,644	May 8	122	727
"Pearl of Memphis." (For Beer).....	Memphis Brewing & Malting Co.	1,832	Nov. 13	125	663
"Pettyjohn Says." (For a Cereal Preparation).....	American Cereal Co.	1,660	May 15	122	1043
"Pettyjohn Says." (For a Cereal Preparation).....	American Cereal Co.	1,661	May 15	122	1043
"Pettyjohn Says." (For a Cereal Preparation).....	American Cereal Co.	1,662	May 15	122	1043
"Picture-Phone." (For Coin-Operated Talking and Picture-Displaying Machines.).....	L. P. Valiquet.	1,804	Sept. 25	124	1204
"Picturesque Chapeau." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,639	May 8	122	726
"Plaid Trimmed." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,638	May 8	122	726
"Plateau Drape." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,646	May 8	122	727
"Pleidas." (For Playing-Cards).....	Willis W. Russell Card Co.	1,770	Aug. 28	123	2972
"Pratt Food Co. of Philadelphia." (For Animal and Poultry Regulators and Veterinary Remedies.).....	Pratt Food Company.	1,740	July 31	123	1661
"Pratt Food Co. of Philadelphia Animal & Poultry Regulators & Veterinary Remedies." (For Animal Regulators and Remedies.).....	Pratt Food Company.	1,769	Aug. 28	123	2972
"Pratts Checker Maze." (For Animal and Poultry Regulators and Veterinary Remedies.).....	Pratt Food Company.	1,768	Aug. 28	123	2972
"Preservo." (For Shoe-Dressing).....	Boone & Glascock.	1,716	July 3	123	318
"Prince George." (For Cigars).....	American Cigar Company.	1,720	July 17	123	994
"Print for Playing-Cards." (For Playing-Cards).....	Willis W. Russell Card Co.	1,596	Mar. 13	121	686

Alphabetical list of prints—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Prize Medal Brand Garments." (For Underwear).....	Salt Lake Knitting Works.....	1,569	Jan. 30	120	1475
"Products That Have Made Kentucky Famous." (For Iodinated Emulsion.)	Dawson Pharmacal Co.....	1,828	Nov. 6	125	346
"Prompt Service." (For Lumber Products Made of Cedar, Yellow Pine, Fir, and Spruce.)	C. H. Asling.....	1,747	July 31	123	1661
"Punjab." (For a Game)	Blanchard & Company.....	1,549	Jan. 2	120	322
"Putman Boots." (For Boots)	H. J. Putman & Co.....	1,568	Jan. 30	120	1475
"Quick Repair." (For Pumps)	Red Jacket Manufacturing Company.	1,864	Dec. 18	125	2360
"Ready for the Storm." (For Rubbers)	United States Rubber Company.	1,678	May 22	122	1394
"Refrigerators." (For Refrigerators)	F. Tettenborn.....	1,619	Apr. 3	121	1674
"Rex Bitters." (For Bitters)	Rex Bitters Co.....	1,784	Sept. 11	124	621
"Ribbon Streamers." (For Millinery and Straw Hats)	Gage Brothers & Co.....	1,643	May 8	122	726
"Rose Garlanded." (For Millinery and Straw Hats)	Gage Brothers & Co.....	1,640	May 8	122	726
"Royal Ace." (For Playing-Cards)	Willis W. Russell Card Co.....	1,611	Mar. 27	121	1345
"Royal Wrapper." (For Playing-Cards)	Willis W. Russell Card Co.....	1,610	Mar. 27	121	1345
"Russell's Recruits." (For Package-Cards)	Willis W. Russell Card Co.....	1,771	Aug. 28	123	2972
"Russell's Recruits." (For Playing-Cards)	Willis W. Russell Card Co.....	1,813	Oct. 9	124	1840
"Russell's Regals." (For Playing-Cards)	Willis W. Russell Card Co.....	1,850	Nov. 27	125	1346
"Russell's Regents." (For Playing-Cards)	Willis W. Russell Card Co.....	1,849	Nov. 27	125	1346
"Russell's Regulars." (For Playing-Cards)	Willis W. Russell Card Co.....	1,659	May 8	122	727
"Rustlers." (For Playing-Cards)	Willis W. Russell Card Co.....	1,865	Dec. 18	125	2360
"Sabre." (For Playing-Cards)	Willis W. Russell Card Co.....	1,585	Feb. 27	120	2751
"Sammie so Haughty." (For Shoes)	Brown Shoe Co.....	1,542	Jan. 2	120	322
"Sapolin Carriage Gloss Colors." (For Carriage Gloss-Colors)	Gerstendorfer Bros.....	1,614	Mar. 27	121	1345
"Sapolin Gloss Carriage Colors." (For Carriage-Colors)	Gerstendorfer Bros.....	1,658	May 8	122	727
"Sapolin Varnish Stain." (For Varnish-Stain)	Gerstendorfer Bros.....	1,867	Dec. 18	125	2360
"Sauer's Famous Flavoring Extracts." (For Flavoring Extracts.)	C. F. Sauer Co.....	1,573	Feb. 20	120	2439
"Scriven's Elastic Seam Knit Shirts." (For Shirts)	J. A. Scriven Company.....	1,685	June 5	122	2059
"Scriven's Elastic Seam Shirt, Coat Style, Sleeveless." (For Shirts.)	J. A. Scriven Company.....	1,686	June 5	122	2059
"Security Gall Cure." (For Gall Cure)	F. B. Dennie.....	1,728	July 17	123	994
"Seek no Further." (For Proprietary Medical Remedies)	I. A. McKenney.....	1,689	June 5	122	2059
"Shoot 'Infallible' Powder for Field and Trap." (For Powder.)	E. I. Du Pont Company.....	1,550	Jan. 2	120	322
"Single Cylinder Marine Coil." (For Jump-Spark Coils)	Fischer Special Mfg. Co.....	1,809	Oct. 2	124	1519
"Slack Cooperage Stock." (For Slack Cooperage Stock)	Tindle & Jackson.....	1,681	May 22	122	1394
"Snow-White." (For Shoe-Whitening Powder)	G. W. Smith.....	1,775	Aug. 28	123	2972
"So Easy to Fix." (For Pumps)	Red Jacket Manufacturing Company.	1,863	Dec. 18	125	2360
"Some Up-To-Date Mother Goose." (For Shoes)	V. Schoenecker Boot & Shoe Company.	1,626	Apr. 24	121	2651
"Sommer's German Silver Arch Prop." (For Arch-Props)	J. L. Sommer.....	1,846	Nov. 27	125	1316
"Soo Tannery." (For Leather)	E. S. Gile.....	1,637	May 1	122	349
"Sour Grapes." (For Ornamental Buttons)	M. Breidenbach.....	1,779	Sept. 4	124	316
"Star Enamel and Sapolin Floor Stain." (For Enamel and Floor-Stain.)	Gerstendorfer Bros.....	1,613	Mar. 27	121	1345
"Star Enamel and Sapolin Varnish Stain." (For Enamel and Varnish.)	Gerstendorfer Bros.....	1,591	Mar. 6	121	336
"Star-Plaid Back Bicycle Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	1,739	July 24	123	1282
"Star-Plaid Back, Bicycle Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	1,824	Oct. 30	124	2899
"Step Lively, Please." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.....	1,795	Sept. 18	124	903
"Stevens." (For Firearms)	David Stevens Arms & Tool Co.....	1,618	Apr. 3	121	1674
"Styles of the Fall and Winter Season 1906-1907." (For Men's Winter Apparel.)	John Adler & Sons.....	1,715	July 3	123	318
"Suggestion Number Five." (For Woolens)	Ed. V. Price & Company.....	1,836	Nov. 13	125	663
"Sweet-Orr Overalls, the Kind that Don't Rip." (For Overalls.)	Sweet-Orr & Co.....	1,815	Oct. 16	124	2176
"Tabasco Heaters." (For Heaters)	Kewanee Boiler Company.....	1,633	Apr. 24	121	2661
"Tailor with Hands Behind." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.....	1,797	Sept. 18	124	903
"Tarita." (For Cigars)	American Cigar Company.....	1,695	June 12	122	2387
"The Baxtor Shoe." (For Shoes)	Holland & O'Brien Shoe Co.....	1,822	Oct. 23	124	2531
"The Beer That Makes No Man Bilious." (For Beer)	Jos. Schlitz Brewing Co.....	1,787	Sept. 18	124	903
"The Bellman." (For a Weekly Publication)	Bellman Company.....	1,738	July 24	123	1282
"The Best in the Basket." (For Flour)	Washburn-Crosby Company.....	1,629	Apr. 24	121	2661
"The Cobbler." (For Shoes)	E. McLeod and S. West.....	1,743	July 31	123	1661
"The Continental Garter." (For Garters)	W. Heymann.....	1,710	June 26	122	3009
"The Cowboy's Delight." (For Whisky)	Meek Company.....	1,531	Jan. 2	120	322
"The Delicious." (For Candy)	Rochester Candy Works.....	1,575	Feb. 20	120	2439
"The Energy St Will Buy." (For Flour)	L. P. Hubbard.....	1,801	Sept. 25	124	1204
"The Eureka." The Standard Water Softener & Purifier of the World. (For a Water Softening and Purifying Apparatus.)	H. Romänder.....	1,607	Mar. 27	121	1345
"The First Hands." (For Flour)	Washburn Crosby Company.....	1,574	Feb. 20	120	2439
"The Gem Folding Take-Up Twine and Paper Bag Holder." (For Twine-Holders.)	E. O. Bulman.....	1,624	Apr. 17	121	2324
"The Handicraft Doll Furniture." (For Doll Furniture)	A. M. Spinney.....	1,713	June 26	122	3009
"The Home of Sierra." (For Beer)	Meek Company.....	1,673	May 22	122	1394
"The Hoosier Kitchen Cabinet, Cabinet No. 111." (For a Kitchen-Cabinet.)	Hoosier Manufacturing Co.....	1,680	May 22	122	1394
"The Hoosier Kitchen Cabinet, Cabinet No. 142." (For a Kitchen-Cabinet.)	Hoosier Manufacturing Co.....	1,679	May 22	122	1394
"The Jones Rafter Square." (For a Rafter-Square)	Russell & Erwin Manufacturing Co.	1,635	May 1	122	349
"The Joy Maker." (For a Food Preparation)	Cream of Wheat Company.....	1,704	June 19	122	2686
"The Key to Good Crops 'Pure & Sure' Seeds." (For Seeds)	St. Louis Seed Company.....	1,664	May 15	122	1043
"The Kismet Bottle Holder." (For Bottle-Holders)	Kismet Company.....	1,818	Oct. 16	124	2176
"The Kismet Company." (For Glass and Bottle Holders)	Kismet Company.....	1,803	Sept. 25	124	1204
"The Kismet Company." (For Multifunction Paper-Cutters, Glass and Bottle Holders, and Forceps.)	Kismet Company.....	1,823	Oct. 30	124	2899
"The Kismet Holder." (For Glass and Bottle Holders)	A. Hering.....	1,636	May 1	122	349
"The 'Kismet' Holder." (For Glass and Bottle Holders)	A. Hering.....	1,712	June 26	122	3009

Alphabetical list of prints—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"The Maid's Dilemma." (For Beer).....	Joseph Schlitz Brewing Com- pany.	1,630	Apr. 24	121	2661
"The Mannion Shoe." (For Shoes).....	Holland & O'Brien Shoe Co.	1,821	Oct. 23	124	2531
"The Merrow Machine Company." (For Sewing-Machines and Products Thereof.)	Merrow Machine Company	1,756	Aug. 14	123	2308
"The Model Flour Mill." (For Flour).....	Washburn-Crosby Company	1,708	June 26	122	3009
"The Mundy Hat." (For Hats).....	Samuel Mundheim Co.	1,616	Apr. 3	121	1674
"The National Burial Vault." (For Burial-Vaults).....	J. S. Van Fossen	1,777	Aug. 28	123	2972
"The New Crema Victoria." (For Cigars).....	American Cigar Co.	1,557	Jan. 9	120	654
"The New Diagnostic Light." (For Lights).....	E. M. Rosenbluth.	1,731	July 17	123	994
"The Nox-All Hat." (For Hats).....	F. A. Lux.	1,577	Feb. 20	120	2439
"The Pell Vona Seamless Coat." (For Coats).....	P. Vona.	1,617	Apr. 3	121	1674
"The Positive Milk Fever Cure." (For a Milk-Fever Remedy for Cattle.)	C. A. Coe Jr. Co.	1,675	May 22	122	1394
"The Praise of Buster Brown Blue Ribbon Shoes." (For Shoes)	Brown Shoe Co.	1,538	Jan. 2	120	322
"The Proclamation." (For a Cereal).....	Cream of Wheat Company	1,810	Oct. 9	124	1840
"The Professional Baker." (For Flour).....	Washburn Crosby Company	1,845	Nov. 27	125	1346
"The Purest in the Field." (For Whisky).....	Seiter & Kappes.	1,799	Sept. 25	124	1204
"The Return of Jackie Horner." (For Shoes).....	Brown Shoe Co.	1,545	Jan. 2	120	322
"The Scriven Improved Elastic-Seam Drawers." (For Drawers.)	J. A. Scriven Company	1,789	Sept. 18	124	903
"The Scriven Improved Elastic Seam Shirts, Short Sleeves." (For Shirts.)	J. A. Scriven Company	1,687	June 5	122	2059
"The Second Mundy." (For Hats).....	Samuel Mundheim Co.	1,615	Apr. 3	121	1674
"The Sign of the Best Glove." (For Gloves and Mittens).....	Joseph N. Eisendrath Company.	1,699	Mar. 27	121	1345
"The Sign of the Good Glove." (For Gloves and Mittens).....	Joseph N. Eisendrath Company.	1,564	Jan. 23	120	1162
"The Simplex Adapter." (For an Attachment for Dental Ab- scess-Syringes.)	C. W. Hale	1,854	Dec. 4	125	1697
"The Singer Fashion Series." (For Corset-Covers and Petti- coats.)	Singer Sewing Machine Co.	1,652	May 8	122	727
"The Singer Fashion Series." (For Wedding Gowns).....	Singer Sewing Machine Co.	1,653	May 8	122	727
"The Singer Fashion Series." (For Tailored Traveling Cos- tumes.)	Singer Sewing Machine Co.	1,654	May 8	122	727
"The Singer Fashion Series." (For Afternoon Gowns).....	Singer Sewing Machine Co.	1,655	May 8	122	727
"The Singer Fashion Series." (For Shirt-Waist Costumes).....	Singer Sewing Machine Co.	1,656	May 8	122	727
"The 'So-Easy' Eye Glass." (For Eyeglasses).....	Julius King Optical Co.	1,730	July 17	123	994
"The Strawbridge & Clothier Child's Shopping Game." (For a Game.)	Strawbridge & Clothier.	1,868	Dec. 25	125	2761
"The Tailor." (For Men's and Boys' Trousers, Coats, and Vests.)	Ed. V. Price & Co.	1,762	Aug. 28	123	2972
"Thompson's Pimple-Off." (For a Preparation for the Cure of Skin Diseases.)	R. S. Thompson	1,717	July 10	123	652
"Three Minds With but a Single Thought." (For a Cereal)....	Cream of Wheat Company	1,811	Oct. 9	124	1840
"Timely Tips Right off the Reel." (For Wire Rope).....	A. Leschen & Sons Rope Co.	1,693	June 5	122	2059
"Toledo Flakes." (For Biscuits).....	Toledo Biscuit Co.	1,764	Aug. 28	123	2972
"Top of the Morning." (For a Food Preparation).....	Cream of Wheat Company	1,702	June 19	122	2686
"Tri-Plaid Back, Bicycle Playing Cards." (For Playing- Cards.)	United States Playing Card Com- pany.	1,837	Nov. 13	125	663
"Trist Back, National Whist Playing Cards." (For Playing- Cards.)	United States Playing Card Com- pany.	1,861	Dec. 11	125	2045
"Uncle John." (For Confectionery).....	D. Auerbach & Sons	1,600	Mar. 20	121	1009
"Unit Street Car." (For Street-Cars).....	J. Post	1,694	June 5	122	2059
"Ugh! heap canned white man." (For Talking-Machines).....	E. G. McClure	1,570	Jan. 30	120	1475
"Under the Evening Light." (For Ale).....	Meek Company	1,529	Jan. 2	120	322
"Velvet-Box-Plait." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,645	May 8	122	727
"Velvo." (For a Face Massage-Cream).....	G. C. Krusen.	1,623	Apr. 17	121	2324
"Victor Infants Relief." (For Medicine).....	Victor Remedies Co.	1,727	July 17	123	994
"Wales-Goodyear Rubbers." (For Rubbers).....	United States Rubber Company	1,677	May 22	122	1394
"We Can't Improve Our Soap or Box Either." (For Soap- Holders.)	C. Owens	1,707	June 19	122	2686
"We Root for Fleischmann's Yeast." (For Yeast).....	Stahl and Jaeger	1,697	June 12	122	2387
"Wings and Bows." (For Millinery and Straw Hats).....	Gage Brothers & Co.	1,641	May 8	122	726
"Without a Peer." (For Wheat-Flour).....	Duluth-Superior Milling Co.	1,806	Oct. 2	124	1519
"Without a Rival." (For Wheat-Flour).....	Duluth-Superior Milling Co.	1,805	Oct. 2	124	1519
"Wolfe's Schnapps." (For Schiedam Schnapps).....	U. Wolfe Company	1,555	Jan. 9	120	654
"Wrapper for Playing Cards." (For Playing-Cards).....	Willis W. Russell Card Co.	1,590	Mar. 6	121	336
"Xmas Stocking." (For Christmas Stockings).....	Elms & Co.	1,820	Oct. 23	124	2531
"Yankee Coal." (For Fuel).....	Yankee Fuel Company	1,665	May 15	122	1043
"Yeast Foam Raises the Dough." (For Yeast).....	Northwestern Yeast Co.	1,785	Sept. 11	124	621
"Your old trunk or baggage made as good as new." (For Trunks and Baggage.)	Emergency Baggage Repair Com- pany.	1,551	Jan. 2	120	322

DISCLAIMERS.

Invention.	Patentee.	No. of patent.	Date of patent.	Disclaimer filed.	Official Gazette.	
					Volume.	Page.
Cotton seed and hulls. Process of and appara- tus for treating	W. C. Johnson	530,533	Dec. 11, 1904	May 26, 1906	122	1727
Electric meter	T. Duncan	550,823	Dec. 3, 1895	Dec. 13, 1906	125	2054
Electrodepositing antimony	A. G. Betts	792,307	June 13, 1905	Jan. 24, 1906	120	1169
Lamp circuits. Regulating device for arc	M. H. Baker	684,340	Oct. 8, 1901	Aug. 3, 1906	123	1995
Plow	G. C. Avery	650,771	May 29, 1900	Nov. 28, 1906	125	1705
Plow. Wheeled	L. E. Waterman	823,244	June 12, 1906	Oct. 22, 1906	124	2539
Transmitting electrical impulses and signals and apparatus therefor.	G. Marconi. (Reissue)	11,913	June 4, 1901	Mar. 10, 1906	121	1016

